

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
 Data File : VN062566.D
 Acq On : 21 Jul 2020 11:57
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 21 13:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	337624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	17735	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
35) Dibromofluoromethane	7.54	113	12094	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	10.06	98	47421	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.38	95	15823	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	13730	6.110	ug/l	99
3) Chloromethane	2.04	50	17926	5.084	ug/l	100
4) Vinyl Chloride	2.16	62	16212	5.554	ug/l	96
5) Bromomethane	2.52	94	7352	4.879	ug/l	94
6) Chloroethane	2.66	64	7478	4.570	ug/l	98
7) Trichlorofluoromethane	2.98	101	18932	5.149	ug/l	95
8) Diethyl Ether	3.37	74	8699	5.265	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	12941	5.908	ug/l	96
10) Methyl Iodide	3.90	142	5532	1.923	ug/l #	34
11) Tert butyl alcohol	4.73	59	14088	25.639	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	12585	5.630	ug/l	95
13) Acrolein	3.57	56	9689	22.249	ug/l	100
14) Allyl chloride	4.27	41	25693	4.947	ug/l	97
15) Acrylonitrile	4.93	53	35999	24.920	ug/l	99
16) Acetone	3.78	43	32770	23.440	ug/l	93
17) Carbon Disulfide	4.01	76	40678	5.772	ug/l	100
18) Methyl Acetate	4.29	43	16425	4.712	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	43392	5.123	ug/l	99
20) Methylene Chloride	4.50	84	16622	5.464	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	13795	5.698	ug/l	98
22) Diisopropyl ether	5.91	45	51481	5.016	ug/l #	88
23) Vinyl Acetate	5.84	43	205459	24.166	ug/l	99
24) 1,1-Dichloroethane	5.79	63	28479	5.337	ug/l	97
25) 2-Butanone	6.79	43	48032	23.498	ug/l	98
26) 2,2-Dichloropropane	6.78	77	23319	5.638	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	15644	5.575	ug/l	99
28) Bromochloromethane	7.15	49	14395	5.001	ug/l	98
29) Tetrahydrofuran	7.17	42	32931	23.877	ug/l	99
30) Chloroform	7.33	83	27586	5.691	ug/l	100
31) Cyclohexane	7.62	56	27667	5.493	ug/l #	74
32) 1,1,1-Trichloroethane	7.53	97	22798	5.639	ug/l	98
36) 1,1-Dichloropropene	7.75	75	20137	5.499	ug/l	97
37) Ethyl Acetate	6.89	43	20914	4.912	ug/l	98
38) Carbon Tetrachloride	7.73	117	19598	5.858	ug/l	97

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 Data File : VN062566.D
 Acq On : 21 Jul 2020 11:57
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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 21 13:16:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	20440	5.232	ug/l	97
40) Benzene	8.00	78	61139	5.631	ug/l	99
41) Methacrylonitrile	7.13	41	8887	5.092	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	22977	5.780	ug/l	98
43) Isopropyl Acetate	8.13	43	33616	4.996	ug/l	99
44) Trichloroethene	8.80	130	13878	5.740	ug/l	98
45) 1,2-Dichloropropane	9.08	63	17449	5.569	ug/l	98
46) Dibromomethane	9.17	93	10068	5.657	ug/l	99
47) Bromodichloromethane	9.37	83	21005	5.534	ug/l #	98
48) Methyl methacrylate	9.17	41	15145	4.610	ug/l	96
49) 1,4-Dioxane	9.17	88	4869	100.641	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	99120	24.706	ug/l	97
52) Toluene	10.12	92	34027	5.399	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	22504	5.277	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	24147	5.143	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	14031	5.703	ug/l	96
56) Ethyl methacrylate	10.40	69	19274	4.703	ug/l	94
57) 1,3-Dichloropropane	10.68	76	23973	5.269	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	25600	18.121	ug/l	100
59) 2-Hexanone	10.72	43	67952	23.308	ug/l	96
60) Dibromochloromethane	10.87	129	15227	5.654	ug/l	97
61) 1,2-Dibromoethane	10.98	107	14015	5.599	ug/l	97
64) Tetrachloroethene	10.60	164	11523	5.715	ug/l	95
65) Chlorobenzene	11.41	112	36701	5.575	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	13190	5.435	ug/l	98
67) Ethyl Benzene	11.48	91	64770	5.262	ug/l	98
68) m/p-Xylenes	11.60	106	45275	10.345	ug/l	99
69) o-Xylene	11.92	106	21960	5.166	ug/l	100
70) Styrene	11.94	104	35598	5.062	ug/l	98
71) Bromoform	12.10	173	10323	5.780	ug/l #	94
73) Isopropylbenzene	12.22	105	59235	5.520	ug/l	97
74) N-amyl acetate	12.05	43	22637	4.389	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	21435	5.945	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	26296	7.642	ug/l #	100
77) Bromobenzene	12.50	156	14635	5.974	ug/l	93
78) n-propylbenzene	12.57	91	65184	5.211	ug/l	98
79) 2-Chlorotoluene	12.65	91	42912	5.635	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	47846	5.412	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	6231	4.927	ug/l	98
82) 4-Chlorotoluene	12.75	91	47845	6.182	ug/l	94
83) tert-Butylbenzene	12.97	119	38178	5.108	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	44880	5.123	ug/l	100
85) sec-Butylbenzene	13.15	105	51886	5.249	ug/l	99
86) p-Isopropyltoluene	13.26	119	42624	4.997	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	24201	5.729	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	23682	5.458	ug/l	92
89) n-Butylbenzene	13.59	91	33998	4.535	ug/l	100
90) Hexachloroethane	13.85	117	9982	5.932	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	23479	5.738	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3244	4.942	ug/l	96

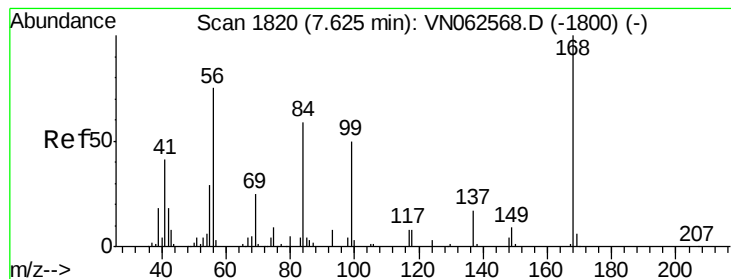
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072120\
Data File : VN062566.D
Acq On : 21 Jul 2020 11:57
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Jul 21 13:16:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 13:13:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	7785	4.239	ug/l	98
94) Hexachlorobutadiene	14.98	225	6557	5.977	ug/l	92
95) Naphthalene	15.10	128	18675	3.631	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	8401	4.396	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

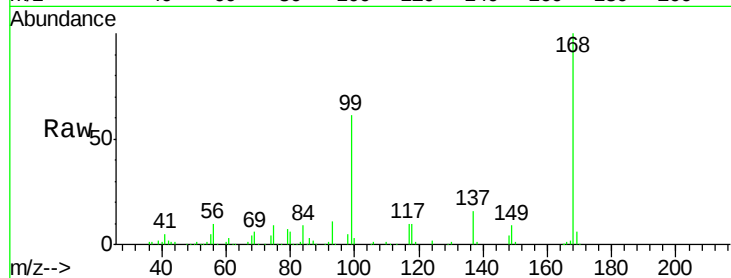
VSTDIC005

Tgt Ion: 168 Resp: 217815

Ion Ratio Lower Upper

168 100

99 60.5 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

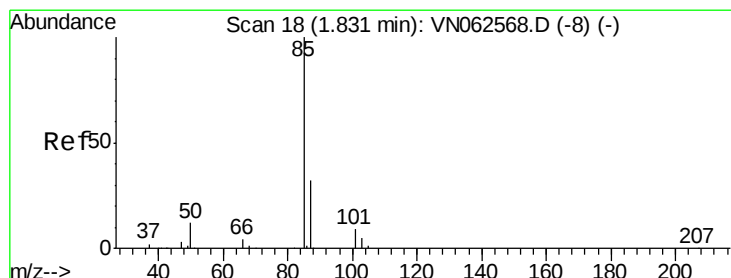
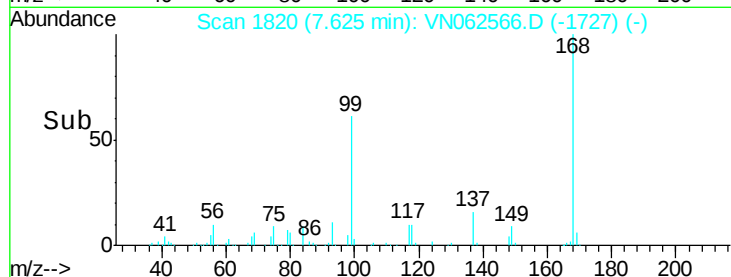
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 6.110 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062566.D

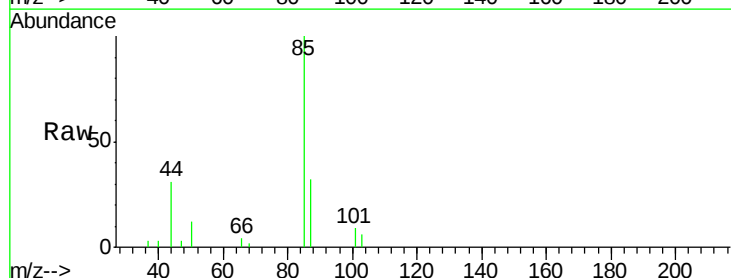
Acq: 21 Jul 2020 11:57

Tgt Ion: 85 Resp: 13730

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

10000

8000

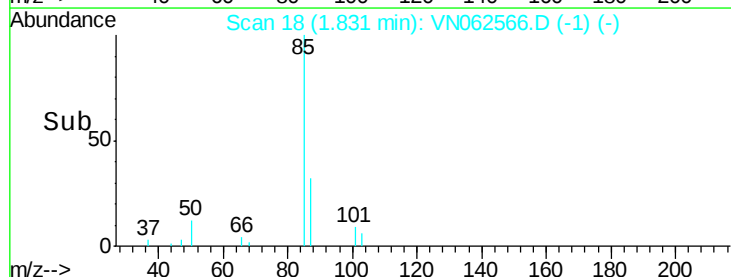
6000

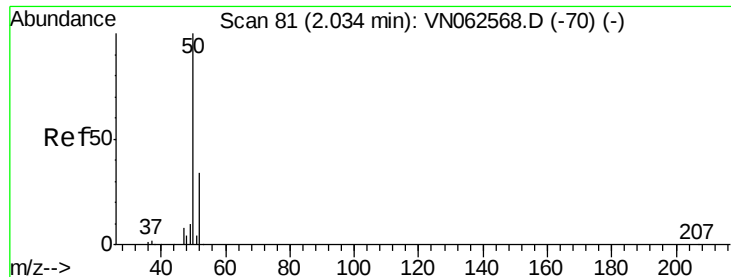
4000

2000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 5.084 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

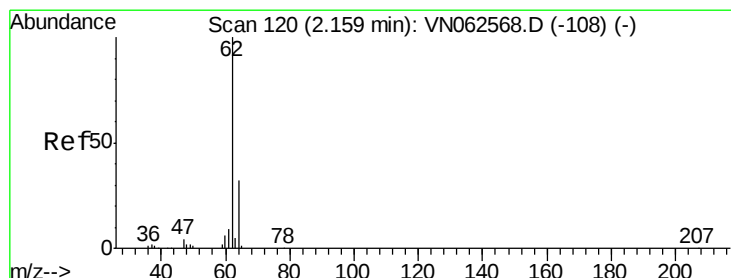
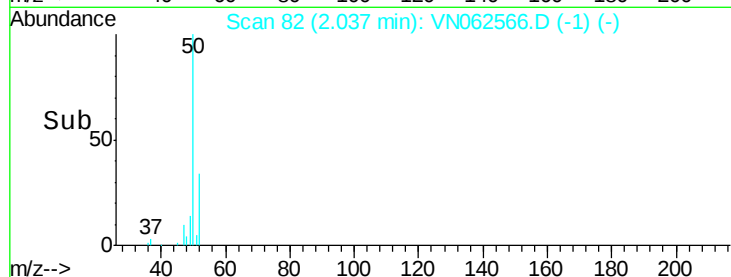
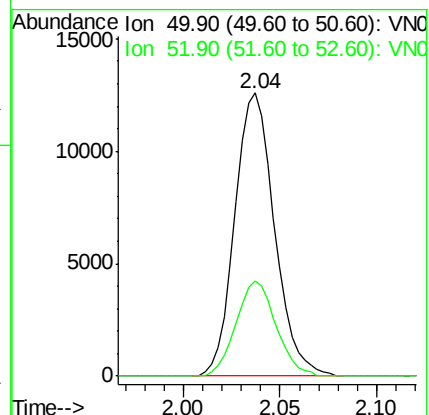
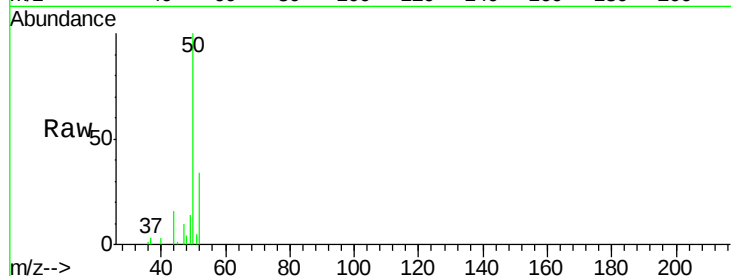
VSTDIC005

Tgt Ion: 50 Resp: 17926

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.4



#4

Vinyl Chloride

Concen: 5.554 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062566.D

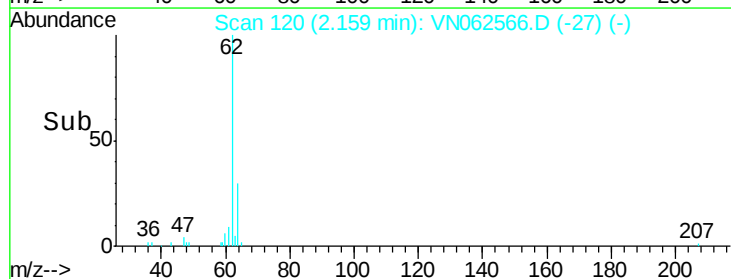
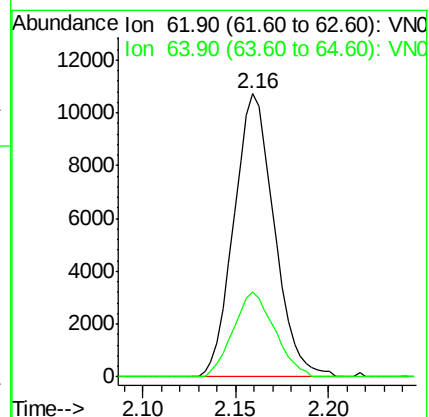
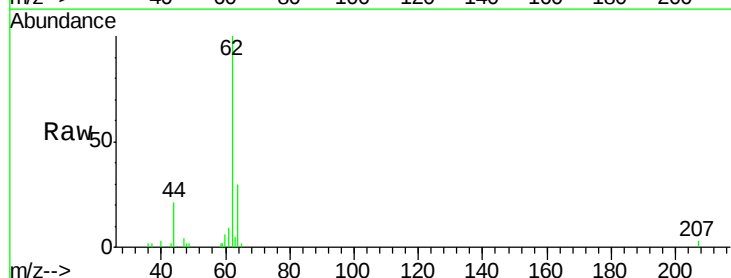
Acq: 21 Jul 2020 11:57

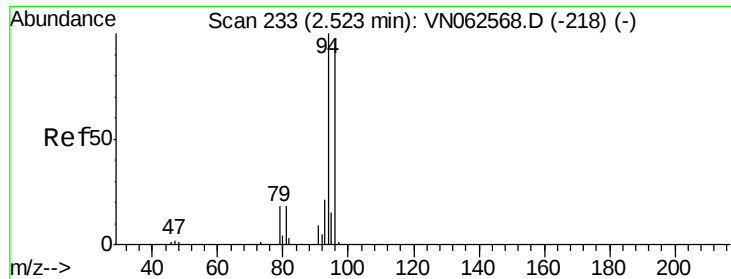
Tgt Ion: 62 Resp: 16212

Ion Ratio Lower Upper

62 100

64 30.0 25.8 38.8





#5

Bromomethane

Concen: 4.879 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

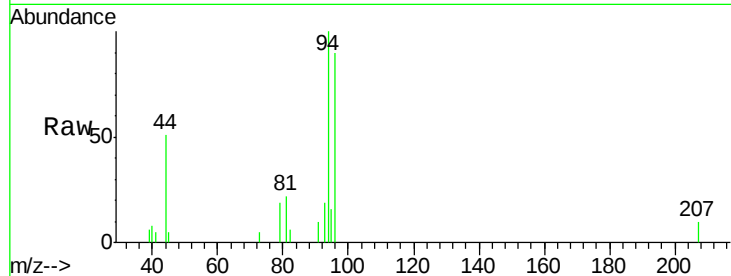
VSTDIC005

Tgt Ion: 94 Resp: 7352

Ion Ratio Lower Upper

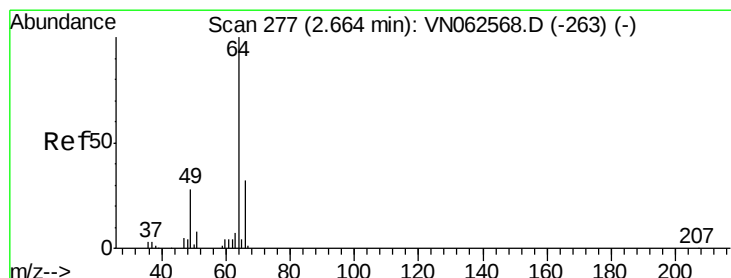
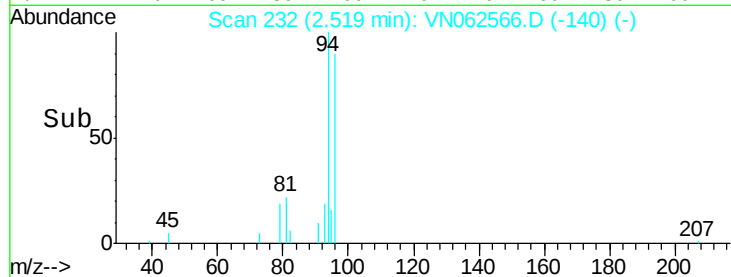
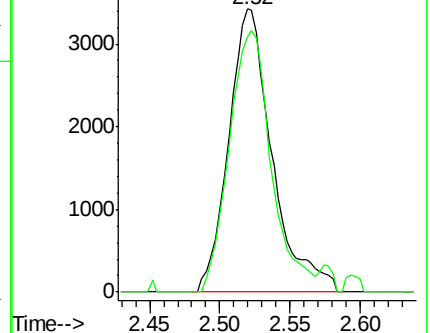
94 100

96 90.3 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN062566.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VN062566.D (-140) (-)



#6

Chloroethane

Concen: 4.570 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062566.D

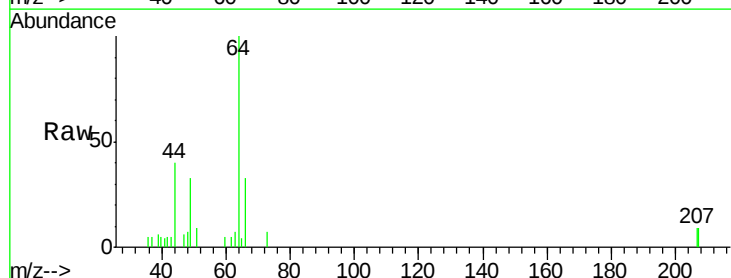
Acq: 21 Jul 2020 11:57

Tgt Ion: 64 Resp: 7478

Ion Ratio Lower Upper

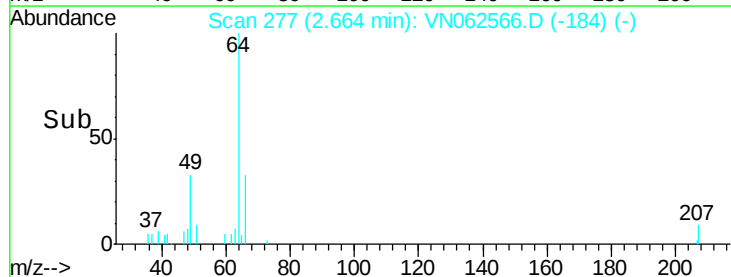
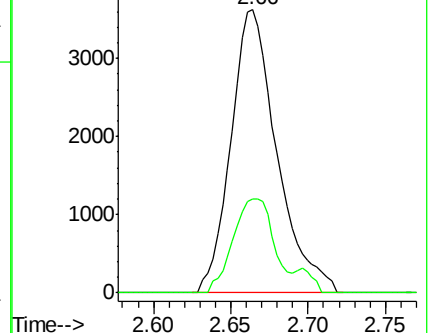
64 100

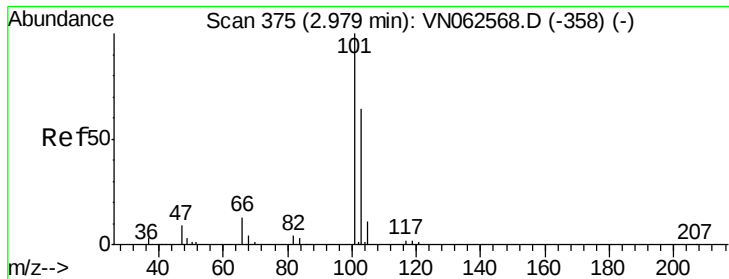
66 33.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN062566.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062566.D (-184) (-)



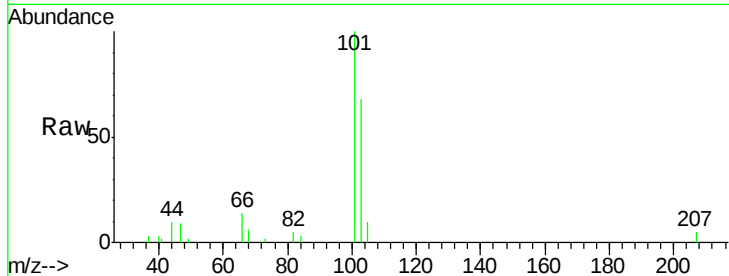


#7

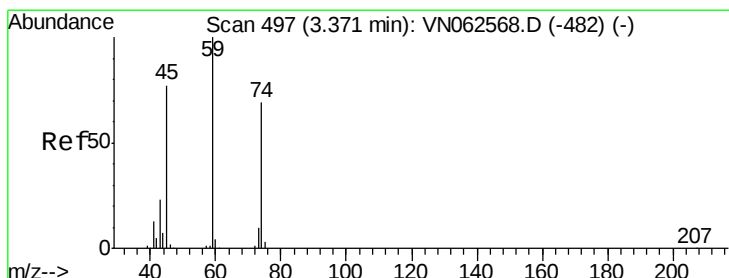
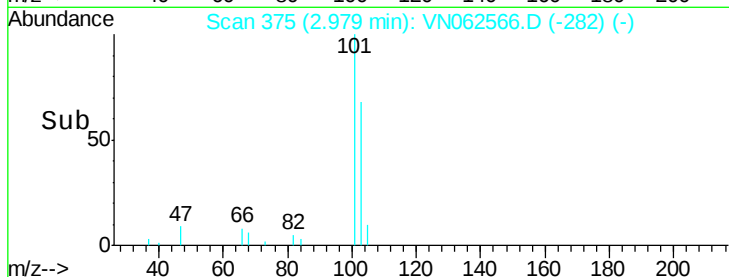
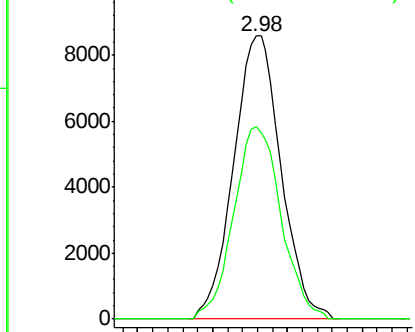
Trichlorofluoromethane
 Concen: 5.149 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
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 VSTDIC005

Tgt Ion: 101 Resp: 18932
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.5 77.3



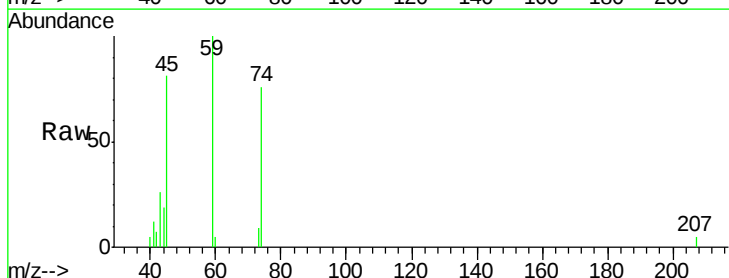
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



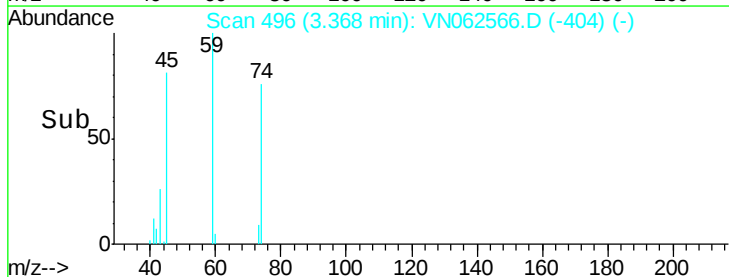
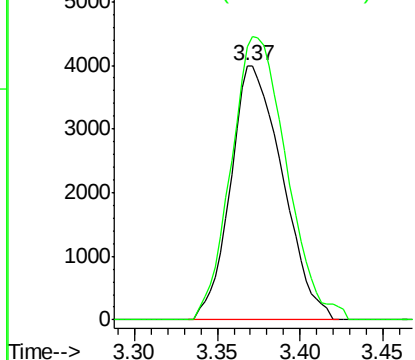
#8

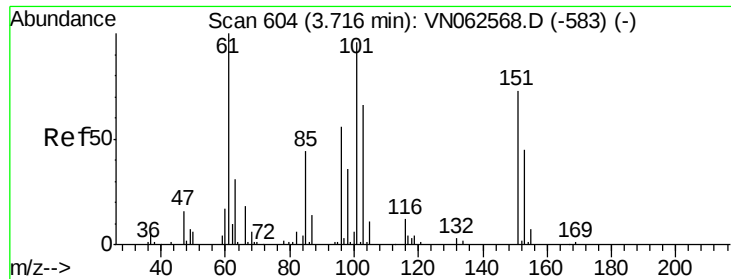
Diethyl Ether
 Concen: 5.265 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 74 Resp: 8699
 Ion Ratio Lower Upper
 74 100
 45 118.7 55.3 165.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.908 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

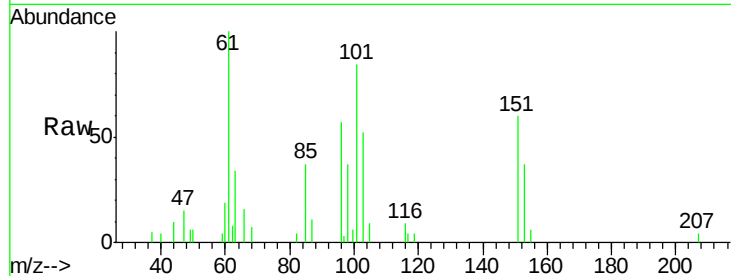
Tgt Ion:101 Resp: 12941

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

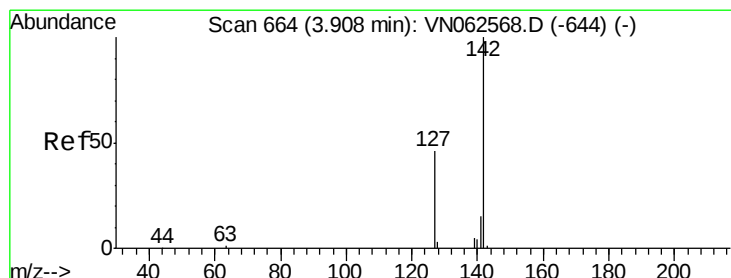
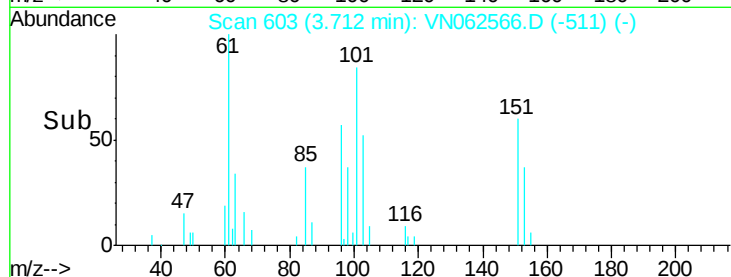
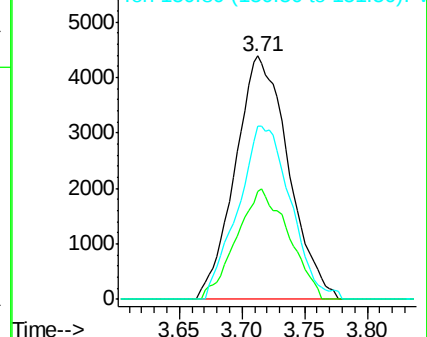
151 70.5 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 1.923 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

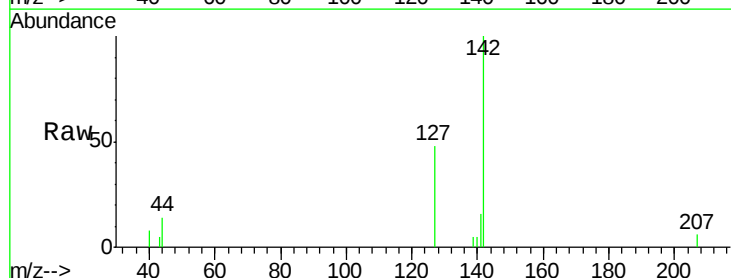
Tgt Ion:142 Resp: 5532

Ion Ratio Lower Upper

142 100

127 97.9 37.4 56.0#

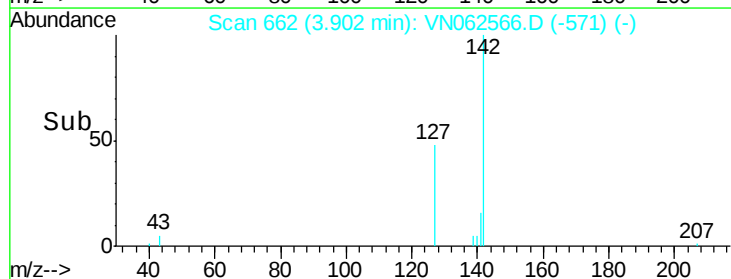
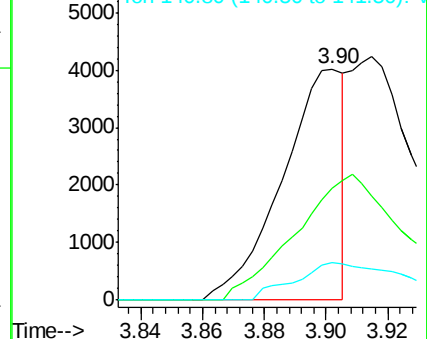
141 28.5 11.9 17.9#

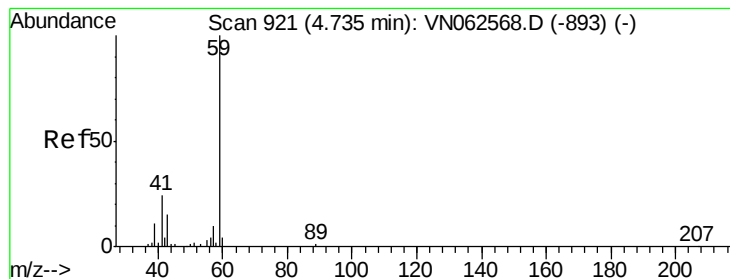


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 25.639 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

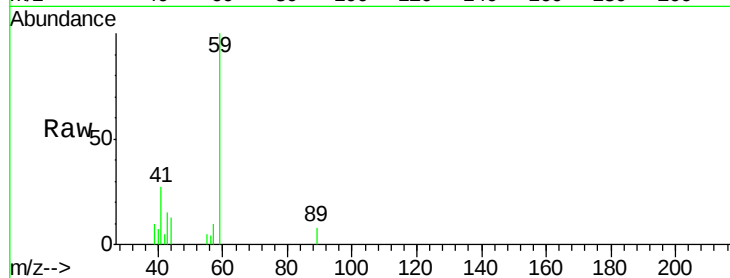
VSTDIC005

Tgt Ion: 59 Resp: 14088

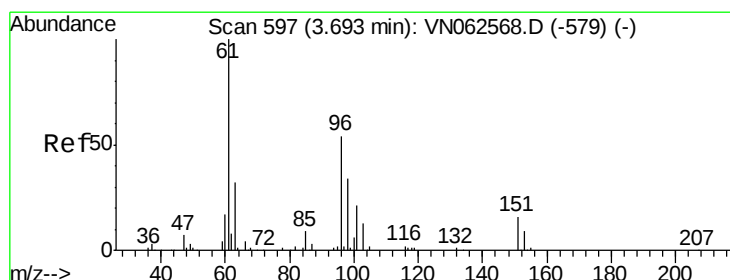
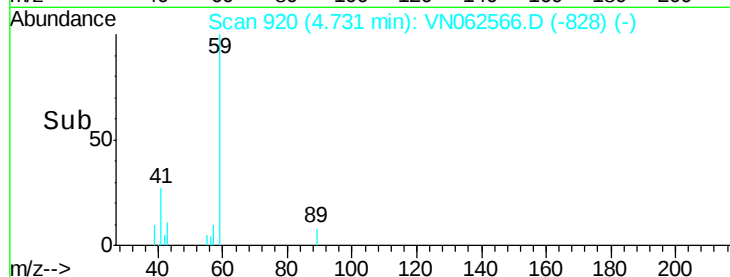
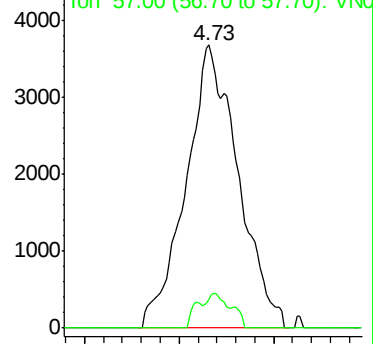
Ion Ratio Lower Upper

59 100

57 5.7 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN062566.D (-828) (-)



#12

1,1-Dichloroethene

Concen: 5.630 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

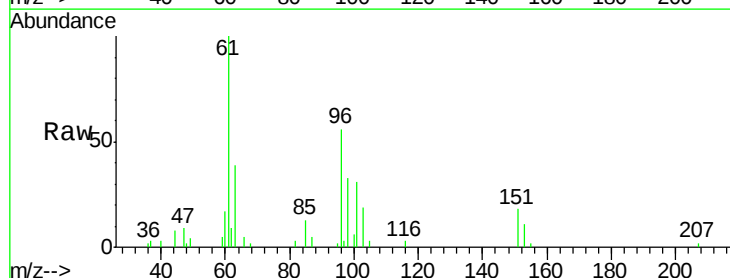
Tgt Ion: 96 Resp: 12585

Ion Ratio Lower Upper

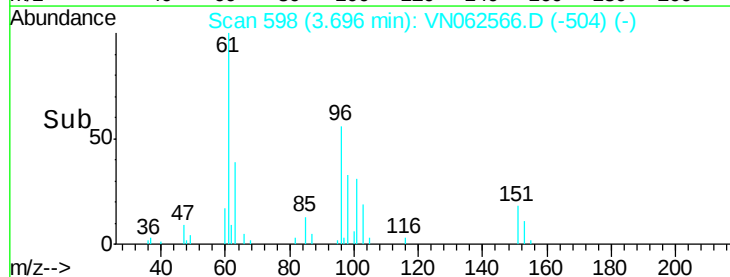
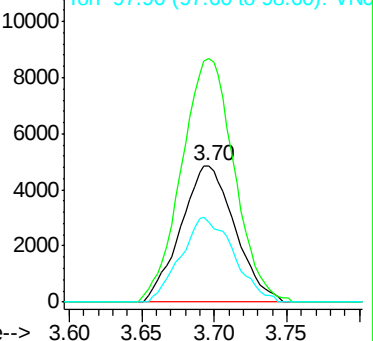
96 100

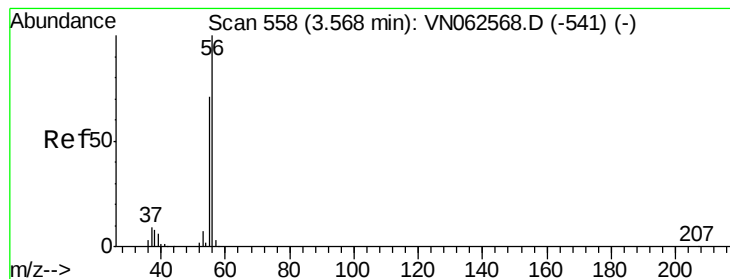
61 178.2 148.6 222.8

98 58.5 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062566.D (-504) (-)





#13

Acrolein

Concen: 22.249 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

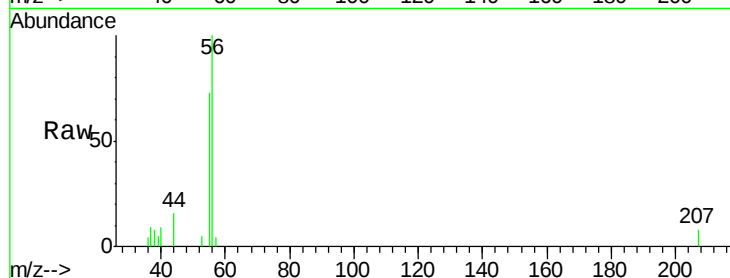
VSTDIC005

Tgt Ion: 56 Resp: 9689

Ion Ratio Lower Upper

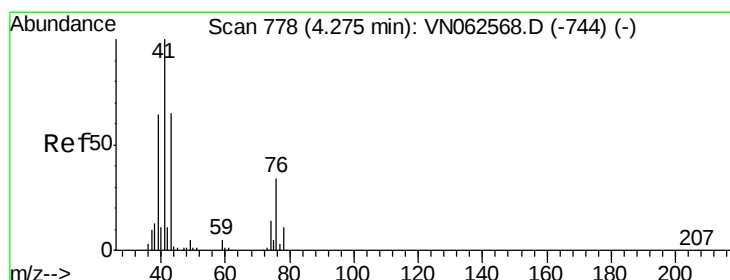
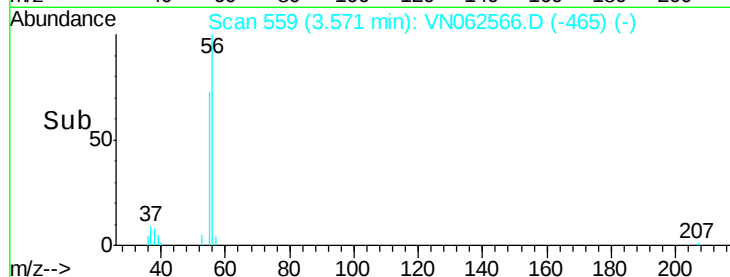
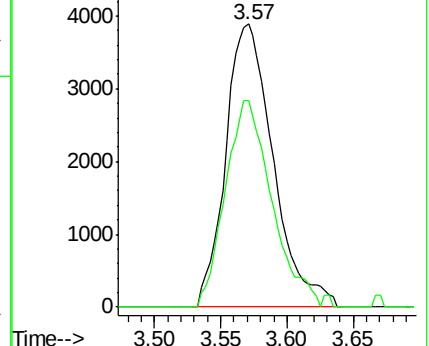
56 100

55 71.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 4.947 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

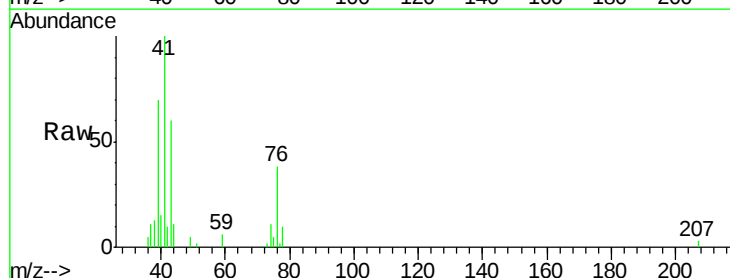
Tgt Ion: 41 Resp: 25693

Ion Ratio Lower Upper

41 100

39 64.3 49.0 73.4

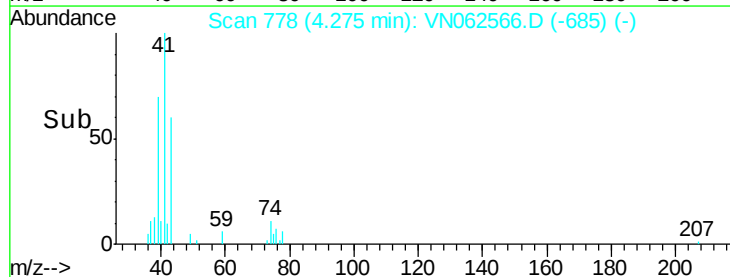
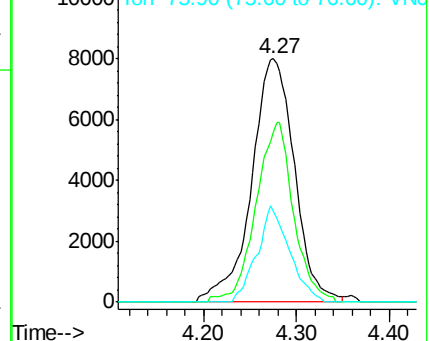
76 29.9 24.0 36.0

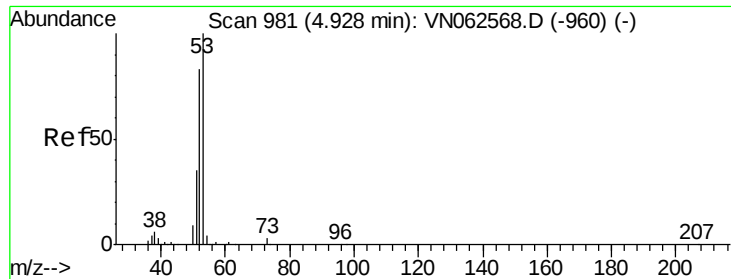


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

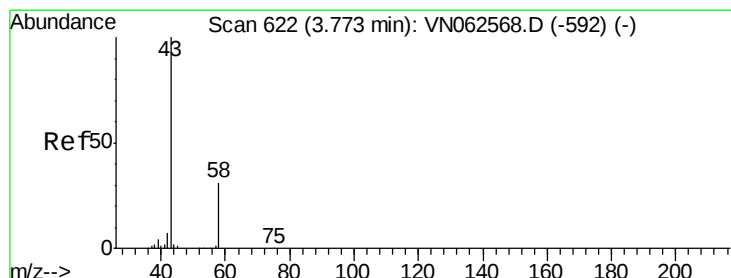
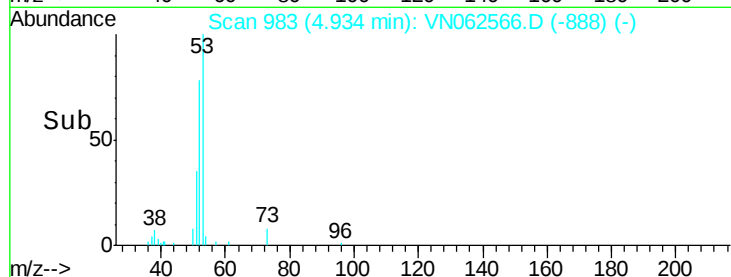
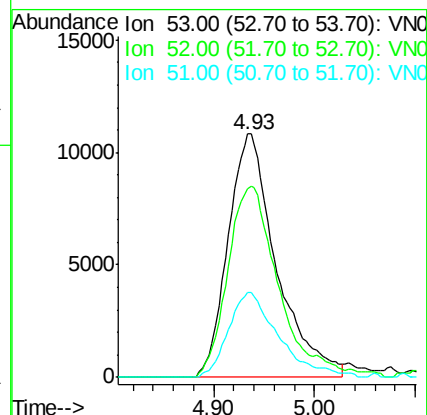
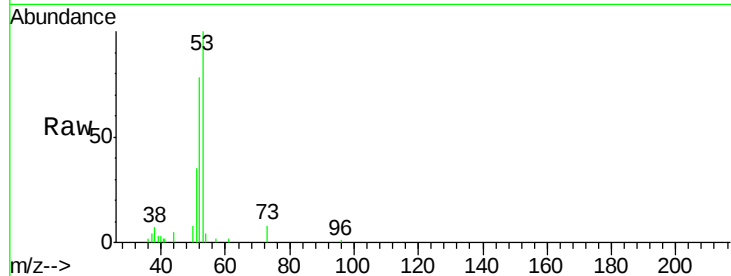




#15
 Acrylonitrile
 Concen: 24.920 ug/l
 RT: 4.93 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

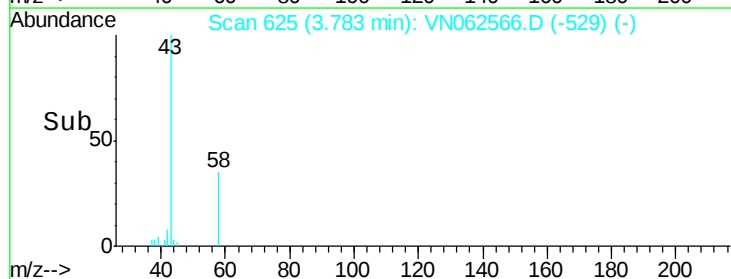
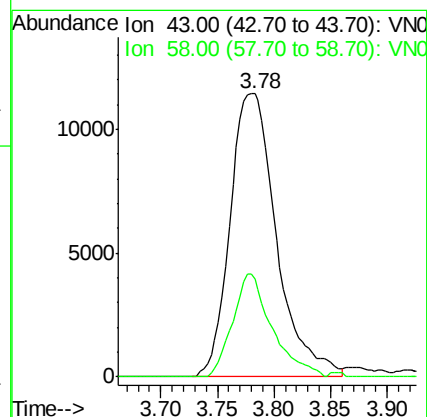
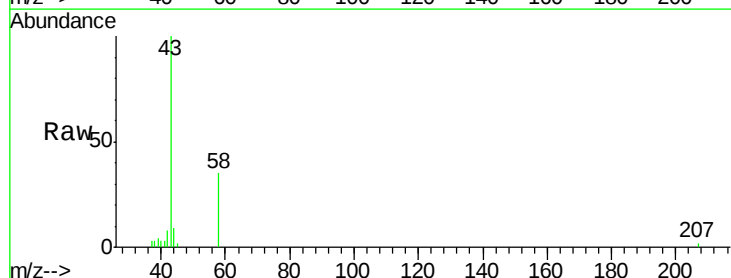
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

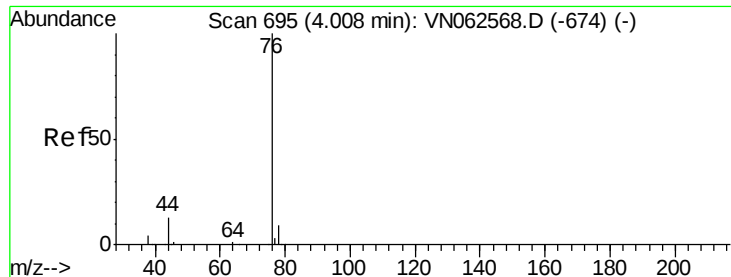
Tgt Ion: 53 Resp: 35999
 Ion Ratio Lower Upper
 53 100
 52 81.6 66.3 99.5
 51 36.4 28.6 43.0



#16
 Acetone
 Concen: 23.440 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 43 Resp: 32770
 Ion Ratio Lower Upper
 43 100
 58 34.5 24.6 37.0

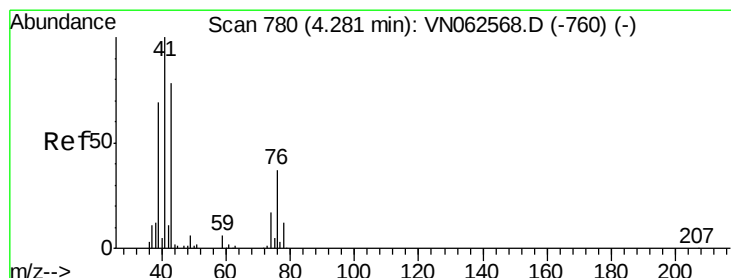
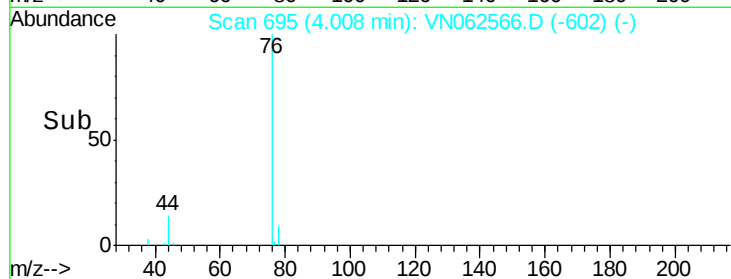
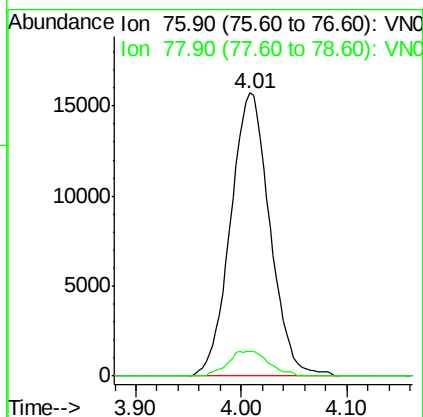
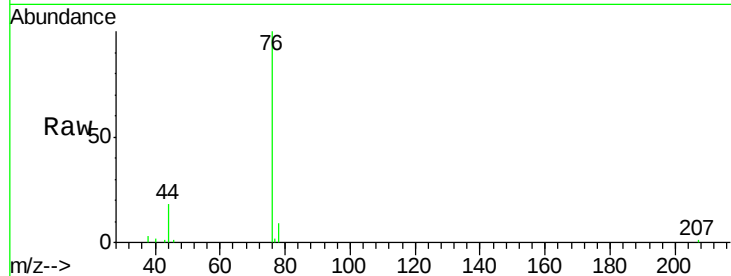




#17
Carbon Disulfide
Concen: 5.772 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

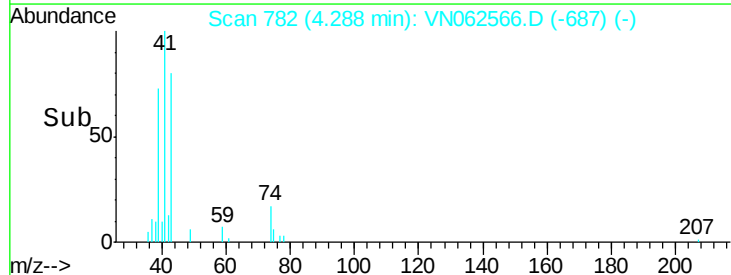
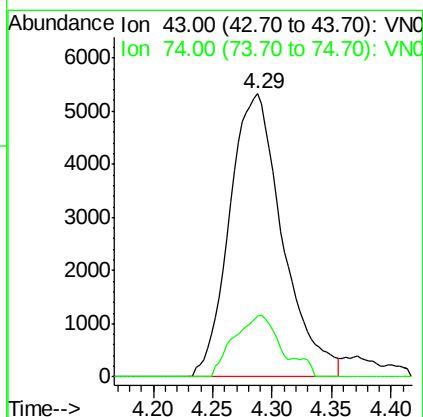
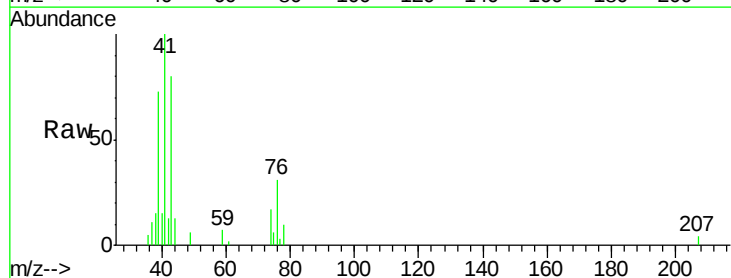
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

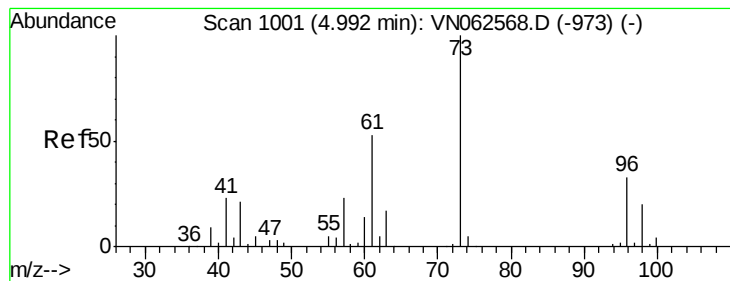
Tgt Ion: 76 Resp: 40678
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 4.712 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 43 Resp: 16425
Ion Ratio Lower Upper
43 100
74 19.8 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 5.123 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

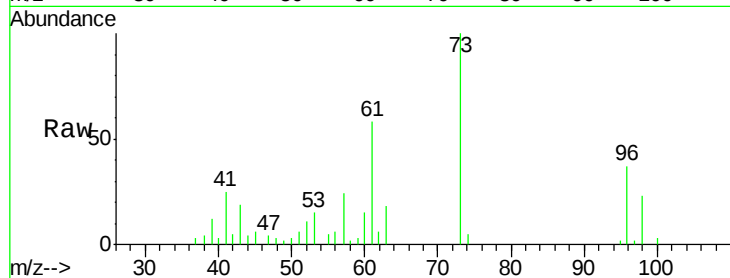
VSTDIC005

Tgt Ion: 73 Resp: 43392

Ion Ratio Lower Upper

73 100

57 23.8 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VN062566.D (-973) (-)

Ion 57.00 (56.70 to 57.70): VN062566.D (-973) (-)

4.99

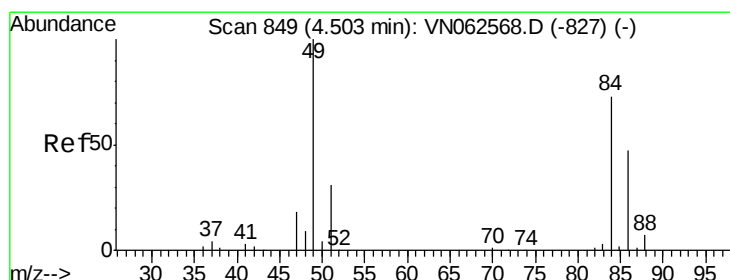
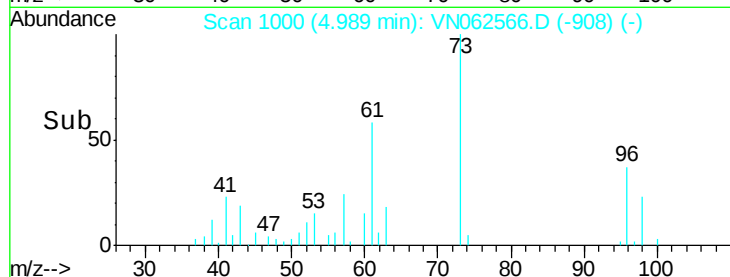
10000

5000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 5.464 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion: 84 Resp: 16622

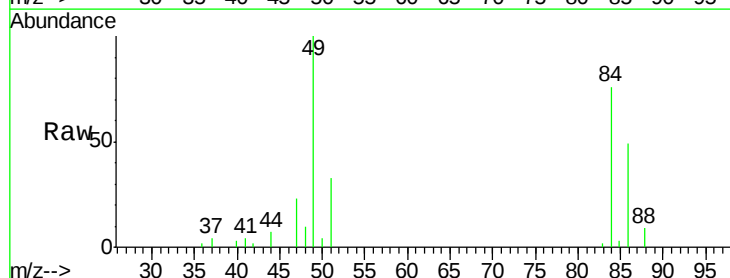
Ion Ratio Lower Upper

84 100

49 131.5 109.4 164.0

51 43.6 33.6 50.4

86 64.1 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VN062566.D (-756) (-)

Ion 48.90 (48.60 to 49.60): VN062566.D (-756) (-)

Ion 50.90 (50.60 to 51.60): VN062566.D (-756) (-)

Ion 85.90 (85.60 to 86.60): VN062566.D (-756) (-)

4.50

10000

8000

6000

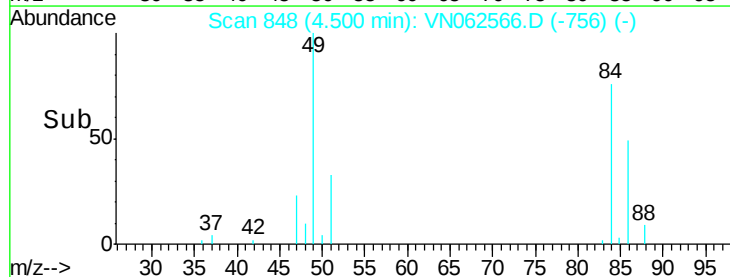
4000

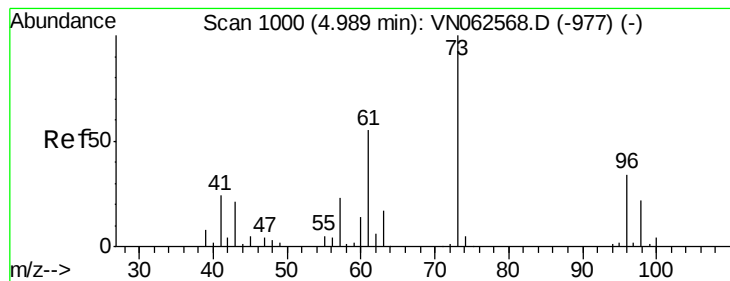
2000

0

Time-->

4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 5.698 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

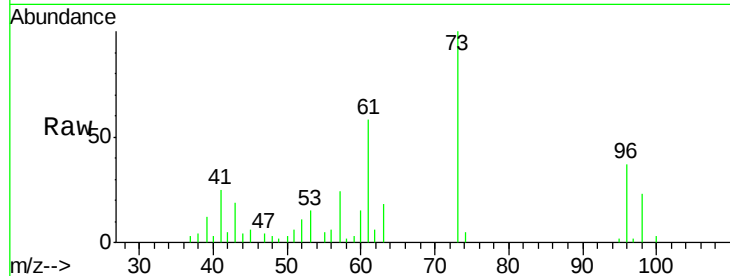
Tgt Ion: 96 Resp: 13795

Ion Ratio Lower Upper

96 100

61 156.8 128.6 192.8

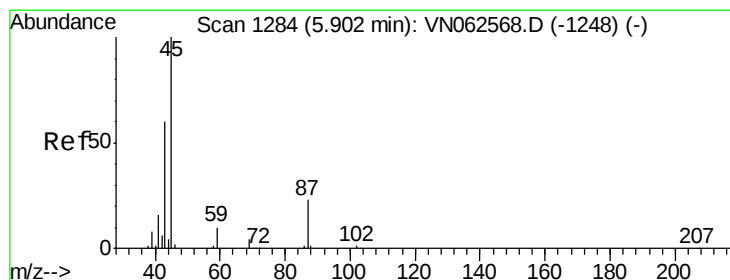
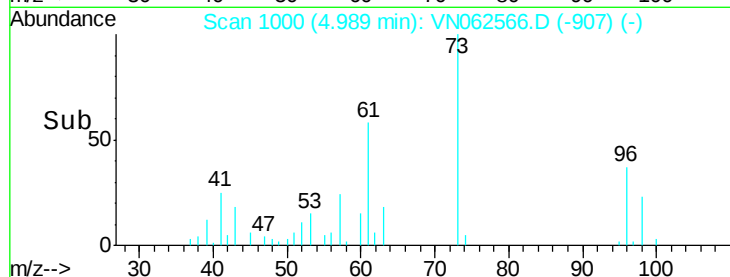
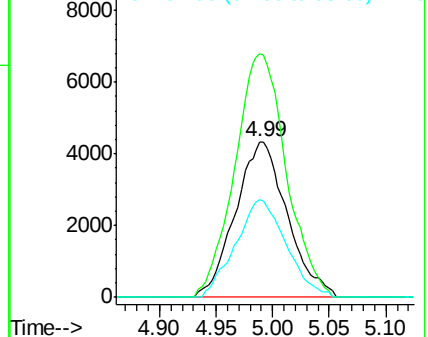
98 63.3 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062566.D (-977) (-)

Ion 60.90 (60.60 to 61.60): VN062566.D (-977) (-)

Ion 97.90 (97.60 to 98.60): VN062566.D (-977) (-)



#22

Diisopropyl ether

Concen: 5.016 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion: 45 Resp: 51481

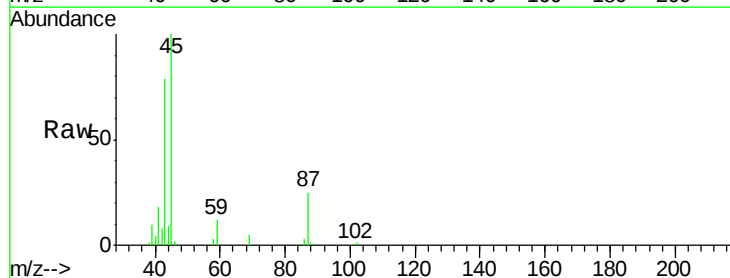
Ion Ratio Lower Upper

45 100

43 73.2 48.7 73.1#

87 25.5 19.0 28.6

59 12.3 8.6 13.0

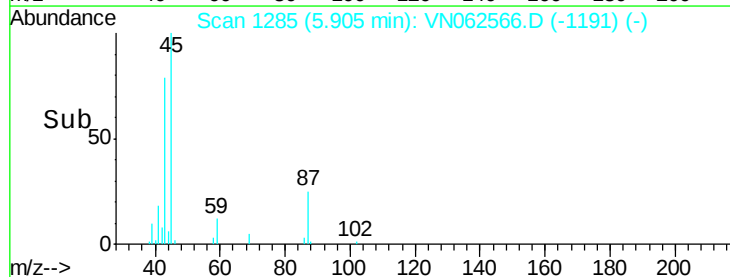
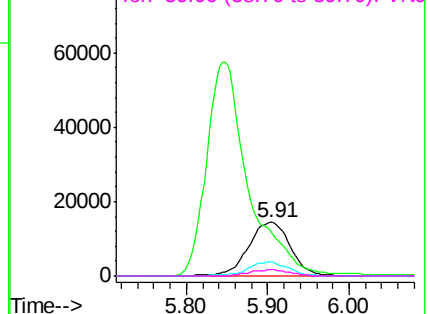


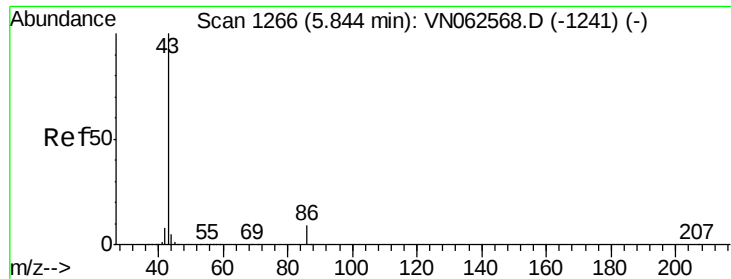
Abundance Ion 45.00 (44.70 to 45.70): VN062566.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062566.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062566.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062566.D (-1191) (-)

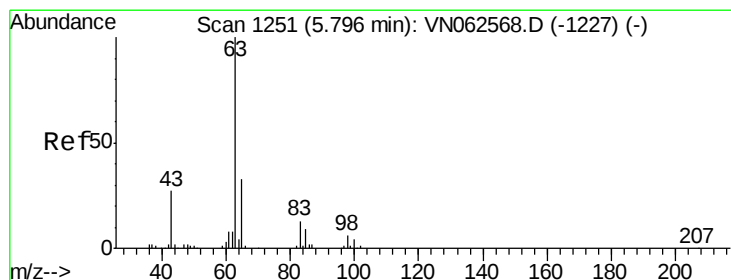
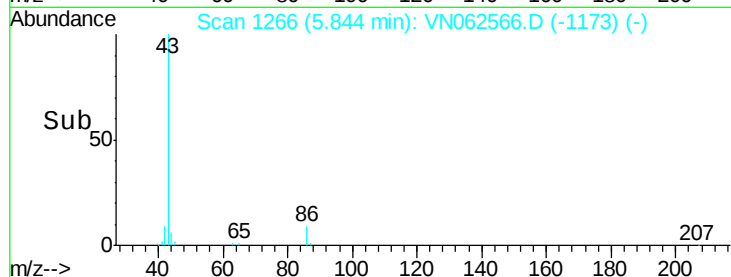
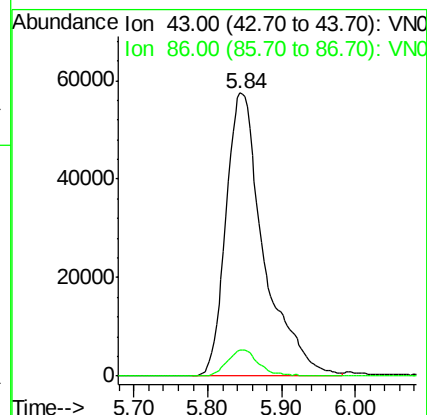
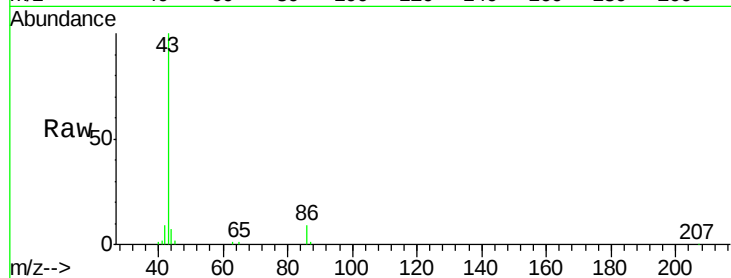




#23
 Vinyl Acetate
 Concen: 24.166 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

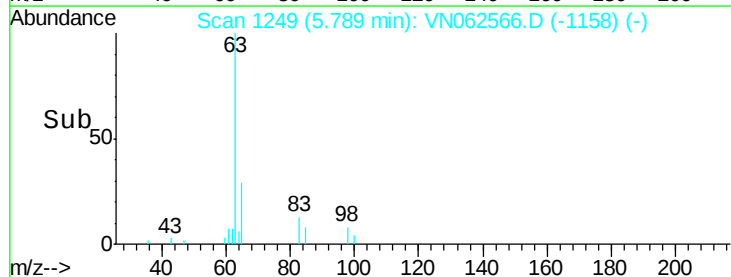
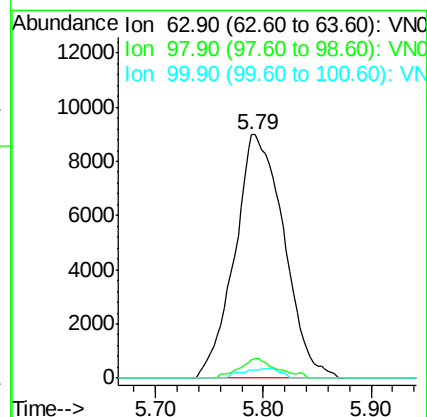
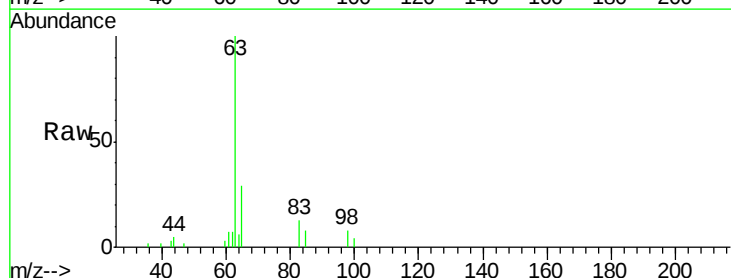
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

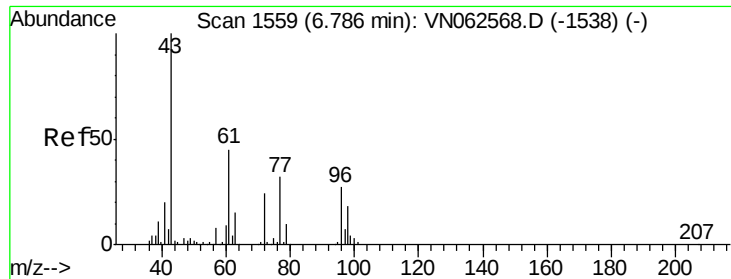
Tgt Ion: 43 Resp: 205459
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 5.337 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 63 Resp: 28479
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.9 8.8
 100 3.5 1.8 5.4





#25

2-Butanone

Concen: 23.498 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

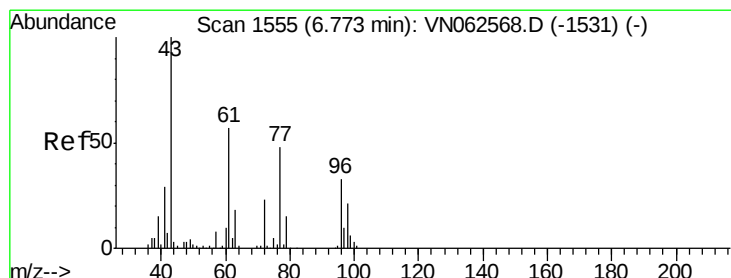
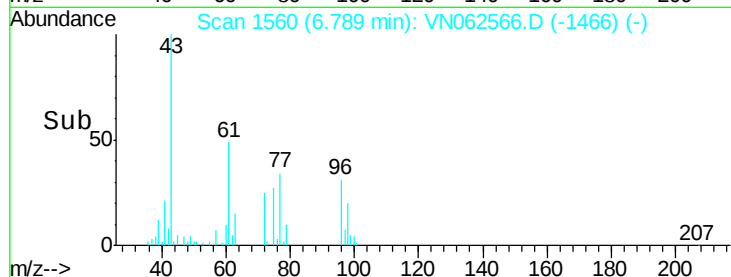
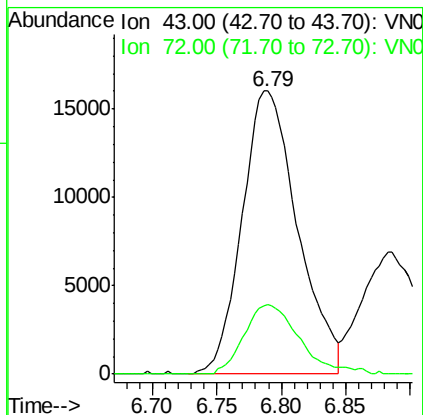
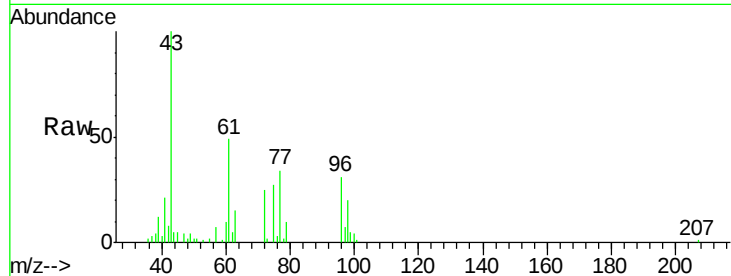
VSTDIC005

Tgt Ion: 43 Resp: 48032

Ion Ratio Lower Upper

43 100

72 24.6 19.0 28.6



#26

2,2-Dichloropropane

Concen: 5.638 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062566.D

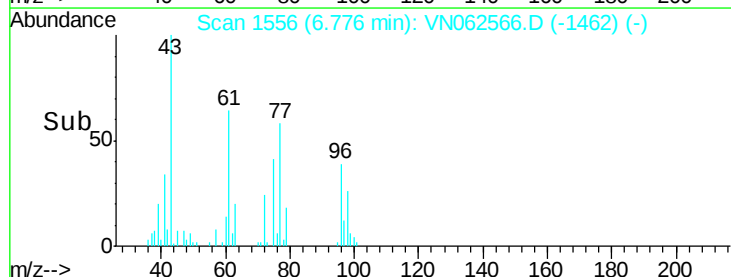
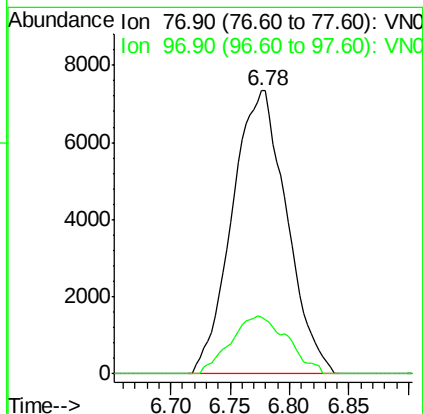
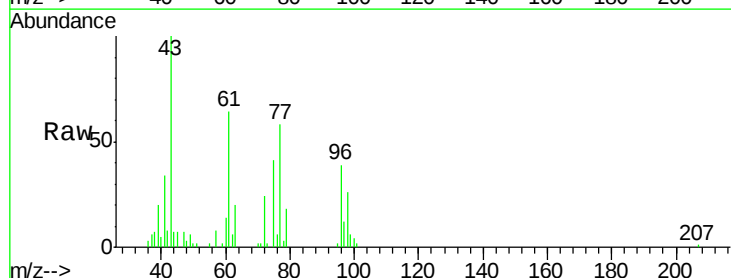
Acq: 21 Jul 2020 11:57

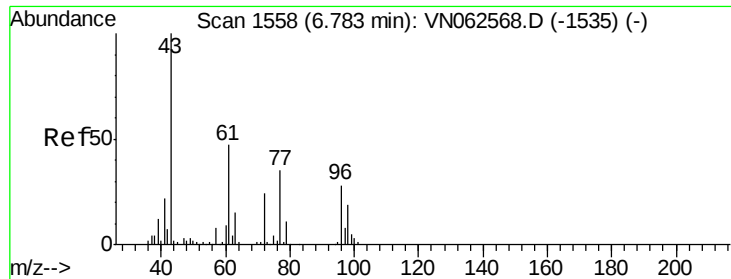
Tgt Ion: 77 Resp: 23319

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.4

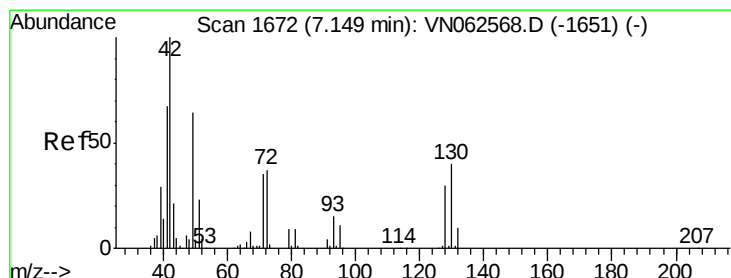
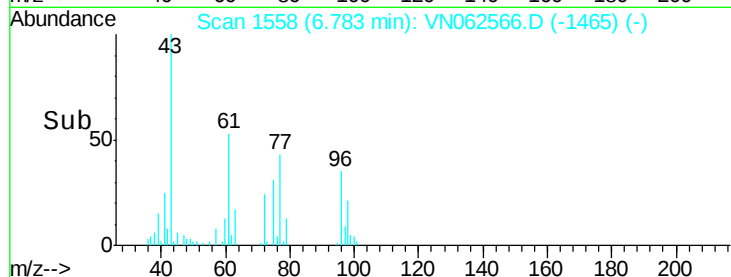
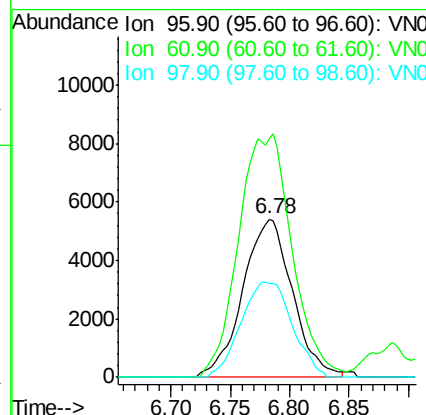
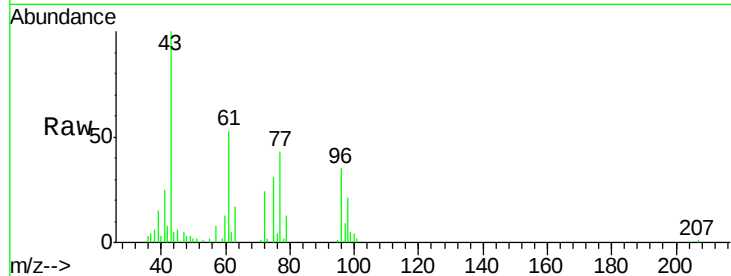




#27
 cis-1,2-Dichloroethene
 Concen: 5.575 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

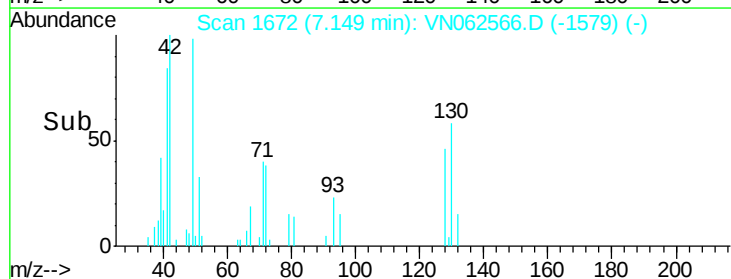
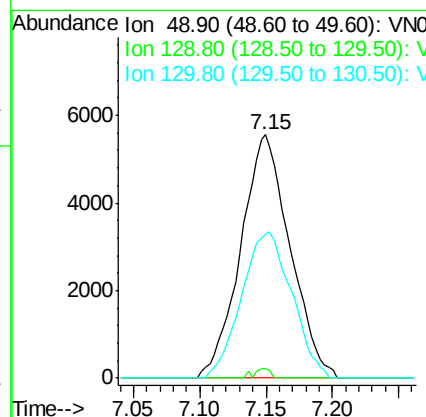
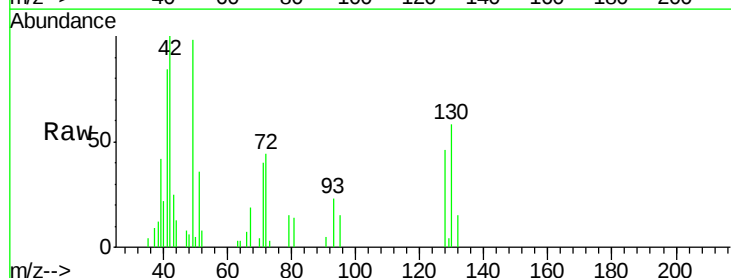
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

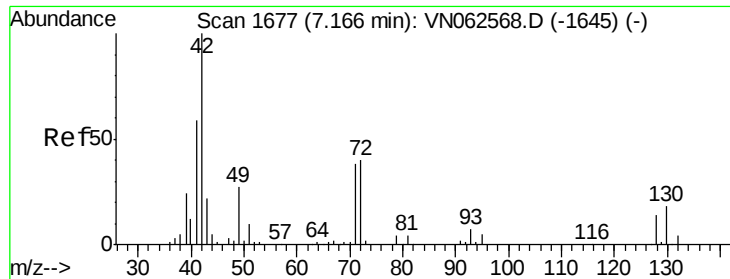
Tgt Ion: 96 Resp: 15644
 Ion Ratio Lower Upper
 96 100
 61 165.3 0.0 332.4
 98 62.1 0.0 127.4



#28
 Bromochloromethane
 Concen: 5.001 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 49 Resp: 14395
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.4
 130 61.0 49.8 74.8

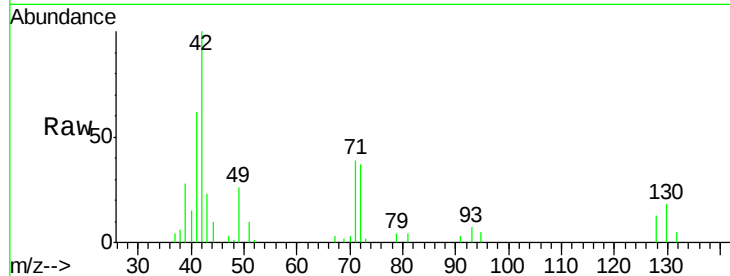




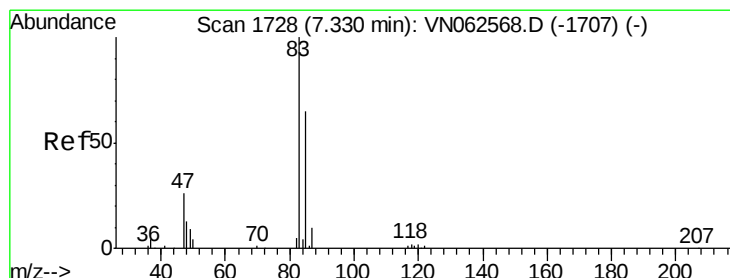
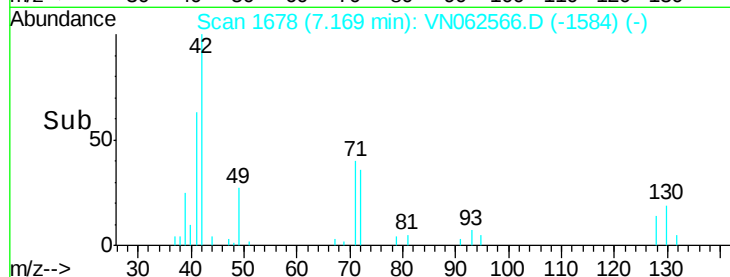
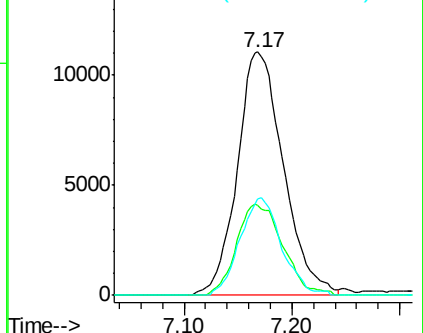
#29
Tetrahydrofuran
Concen: 23.877 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion: 42 Resp: 32931
Ion Ratio Lower Upper
42 100
72 37.7 30.7 46.1
71 36.2 29.1 43.7

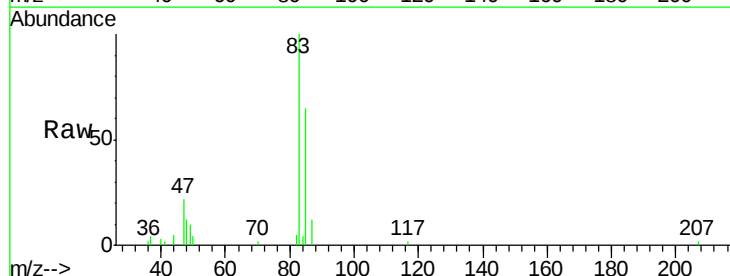


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

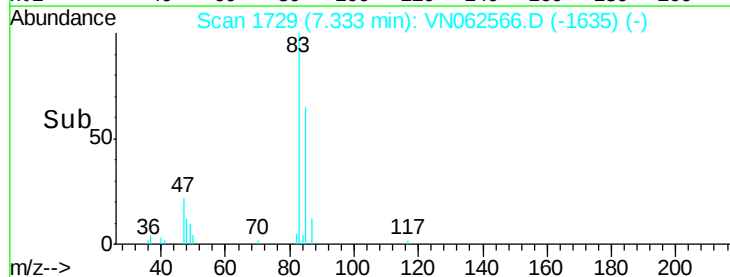
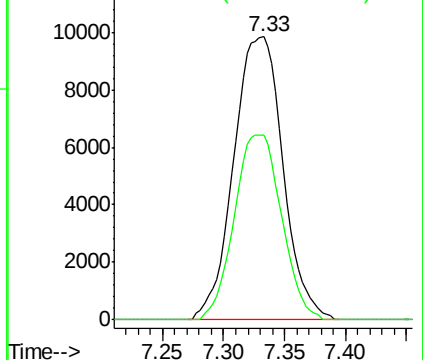


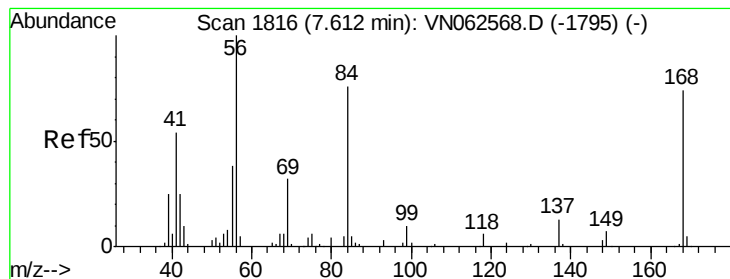
#30
Chloroform
Concen: 5.691 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 83 Resp: 27586
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 5.493 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

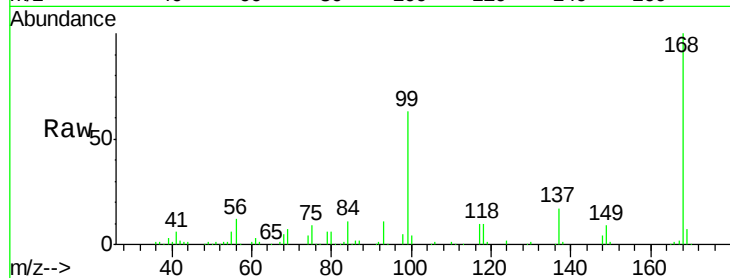
Tgt Ion: 56 Resp: 27667

Ion Ratio Lower Upper

56 100

69 60.0 25.3 37.9#

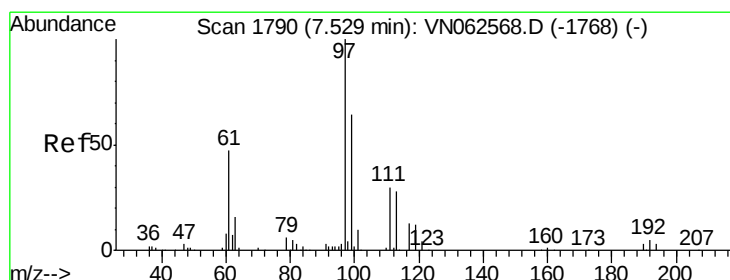
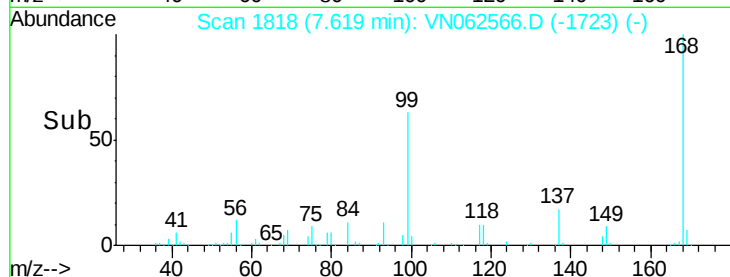
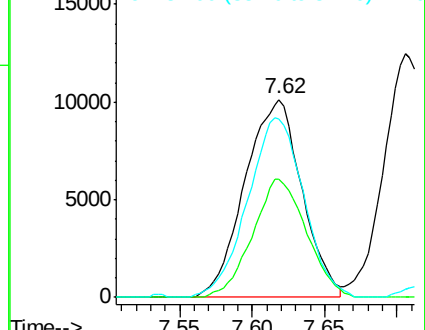
84 89.9 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062566.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062566.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062566.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 5.639 ug/l

RT: 7.53 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

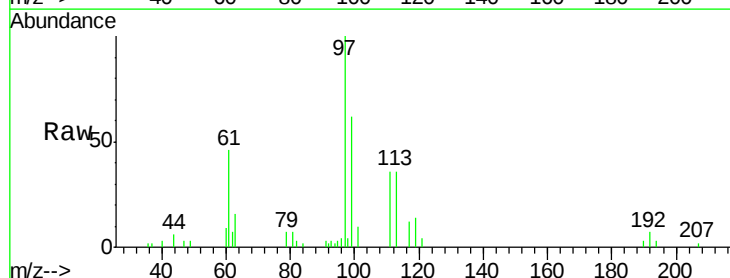
Tgt Ion: 97 Resp: 22798

Ion Ratio Lower Upper

97 100

99 62.5 51.2 76.8

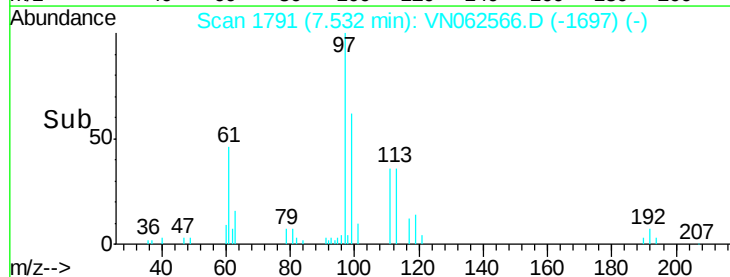
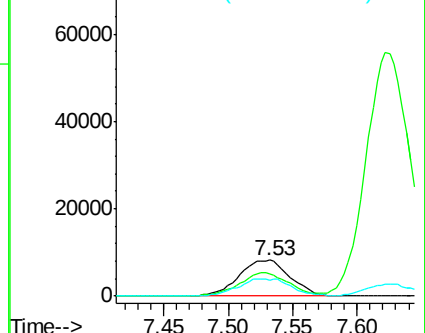
61 49.8 38.4 57.6

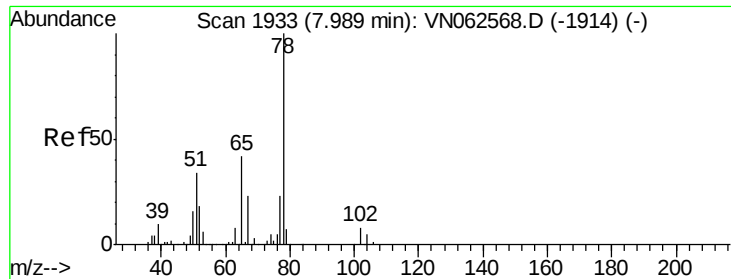


Abundance Ion 96.90 (96.60 to 97.60): VN062566.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062566.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062566.D (-1697) (-)

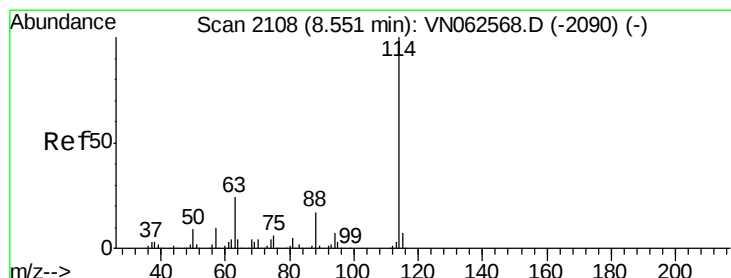
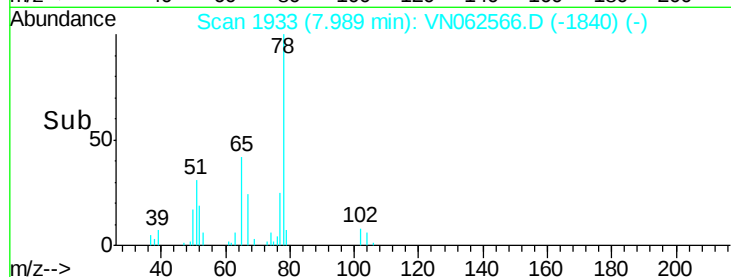
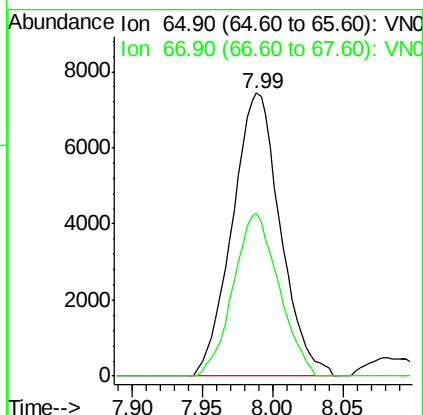
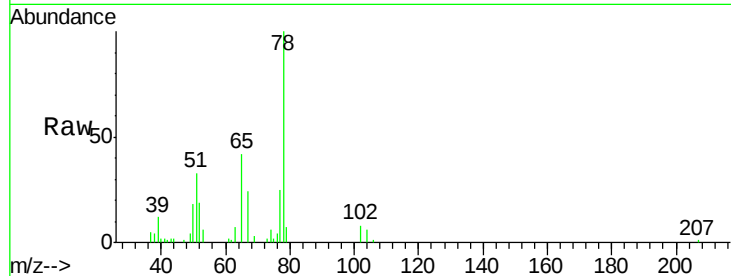




#33
 1,2-Dichloroethane-d4
 Concen: 5.303 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

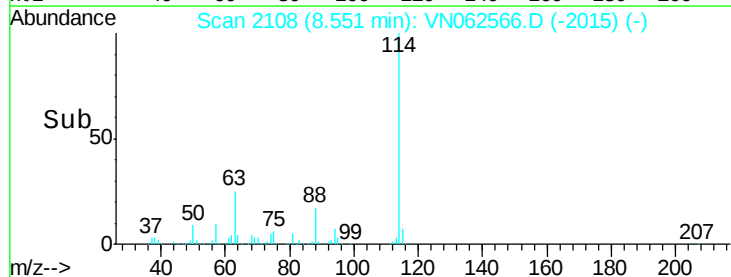
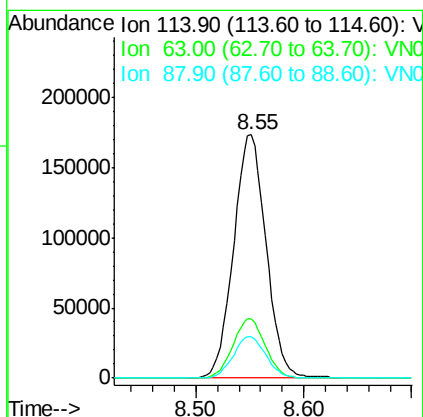
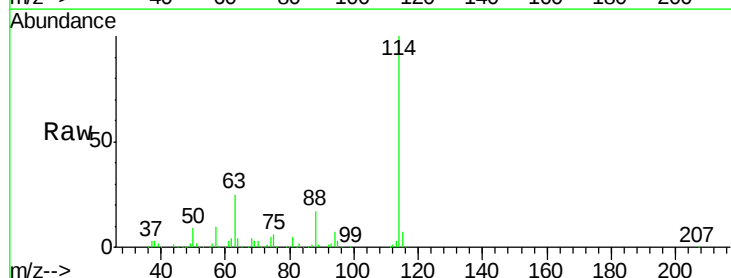
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

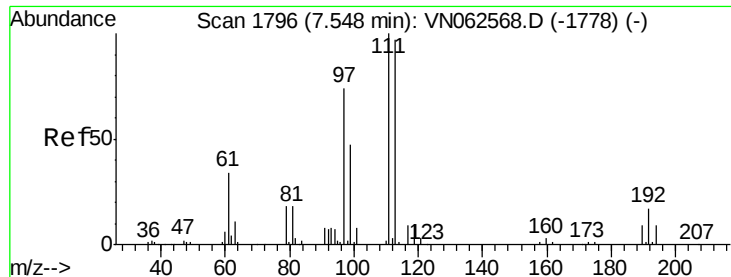
Tgt Ion: 65 Resp: 17735
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 114 Resp: 363758
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.4
 88 16.9 0.0 33.8

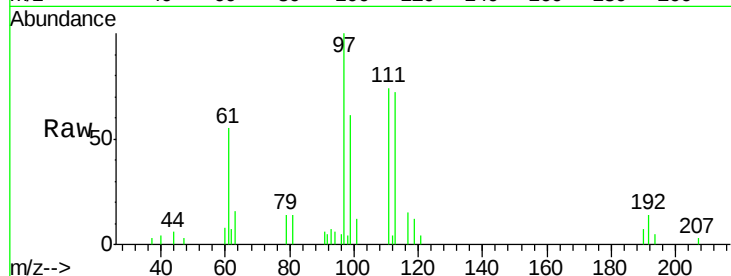




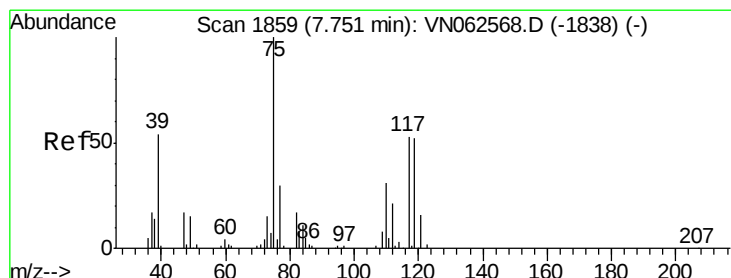
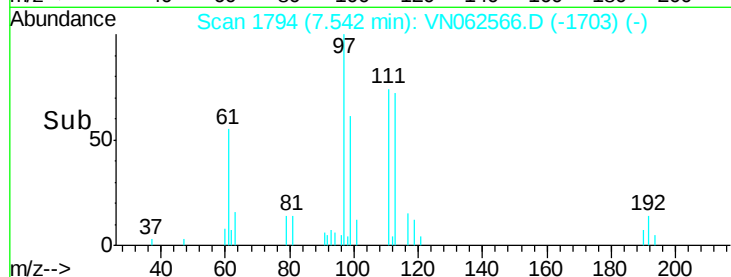
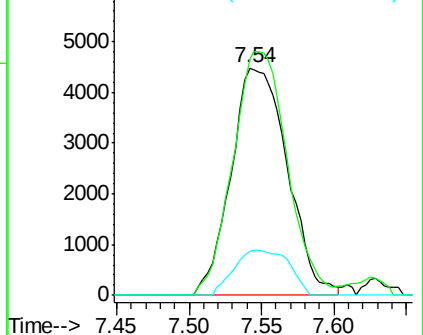
#35
 Dibromofluoromethane
 Concen: 5.354 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 12094
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 19.3 14.8 22.2

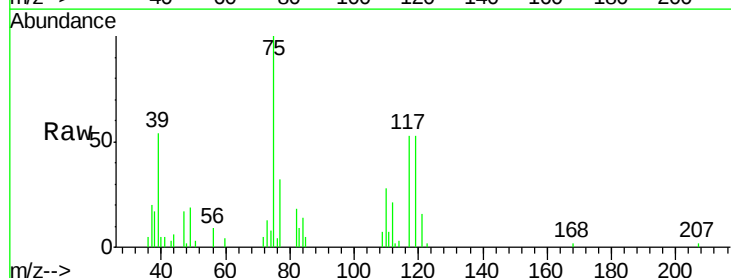


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

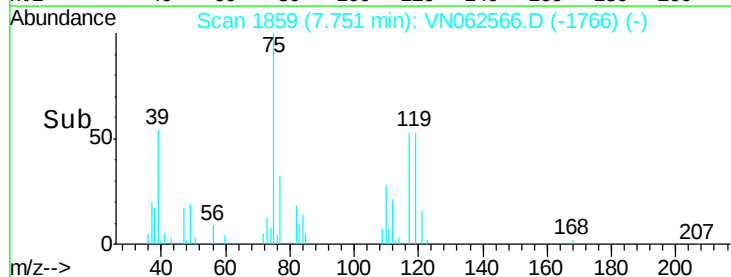
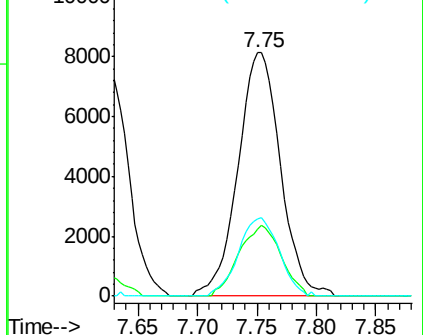


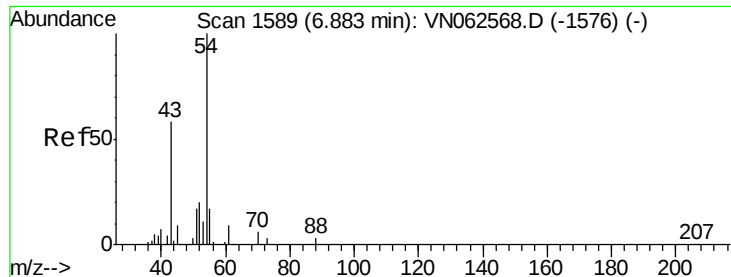
#36
 1,1-Dichloropropene
 Concen: 5.499 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 75 Resp: 20137
 Ion Ratio Lower Upper
 75 100
 110 28.8 16.0 48.0
 77 30.8 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

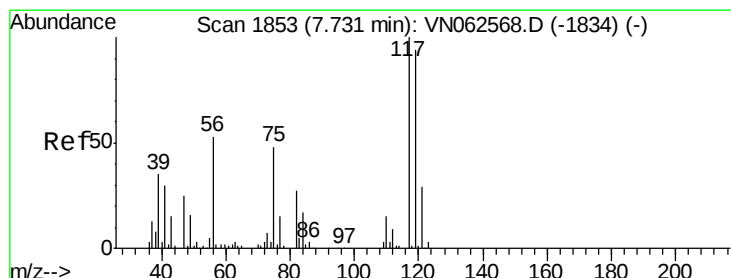
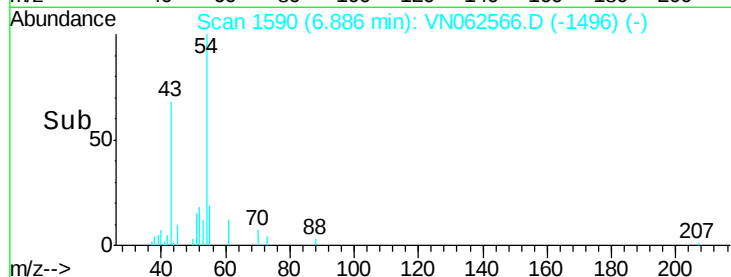
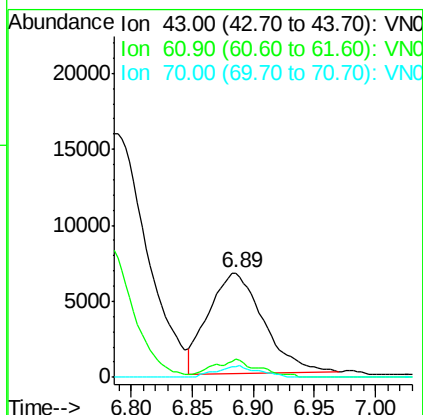
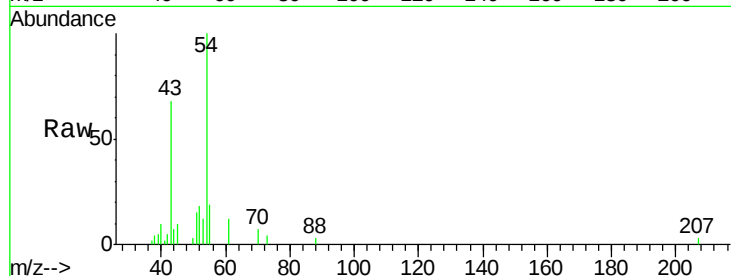




#37
 Ethyl Acetate
 Concen: 4.912 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

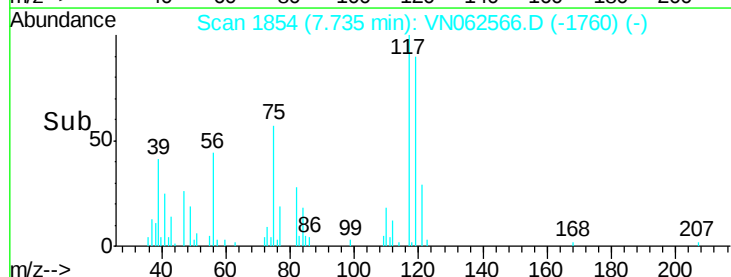
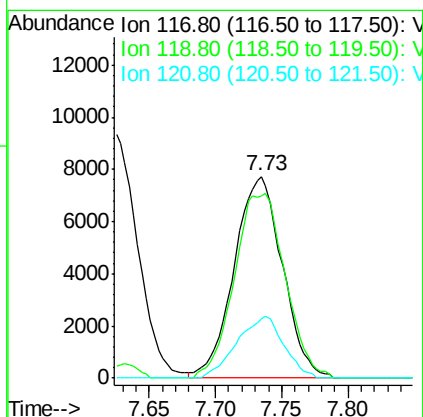
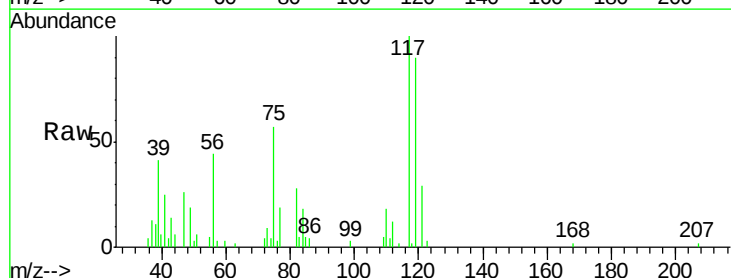
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

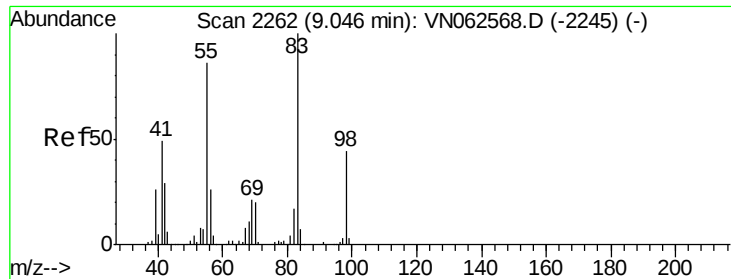
Tgt Ion: 43 Resp: 20914
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.3 16.9
 70 8.6 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 5.858 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 117 Resp: 19598
 Ion Ratio Lower Upper
 117 100
 119 90.3 74.8 112.2
 121 29.2 23.0 34.6

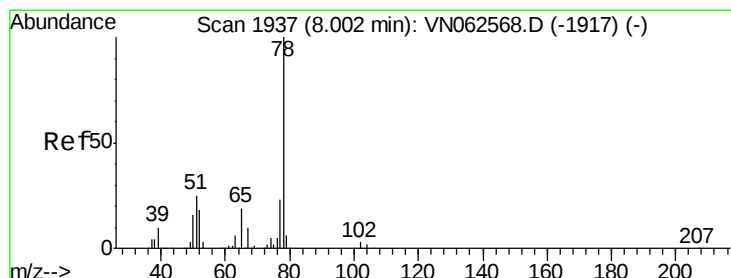
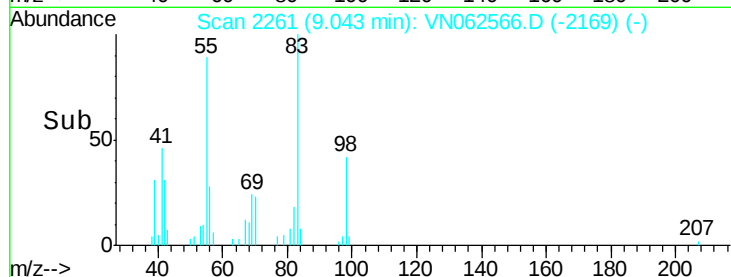
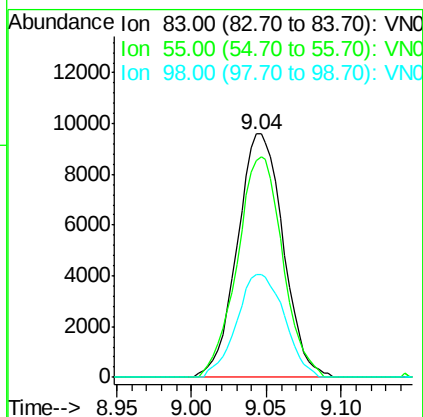
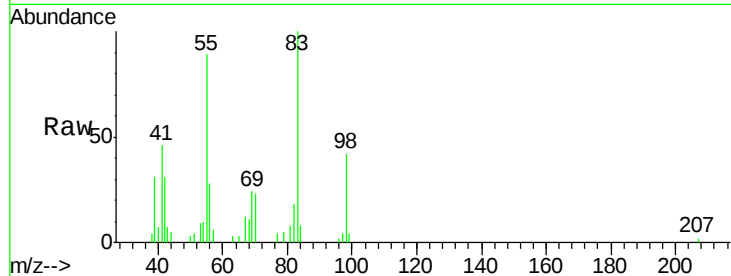




#39
Methylcyclohexane
Concen: 5.232 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

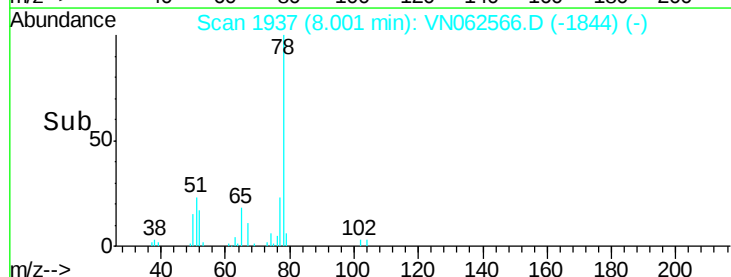
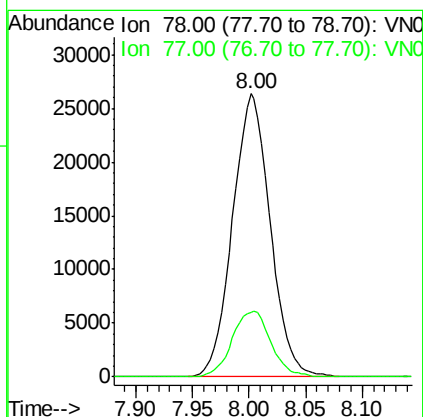
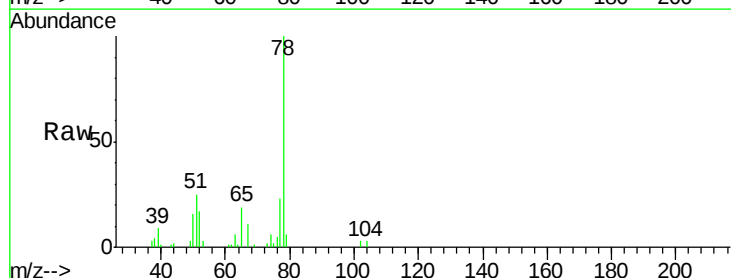
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

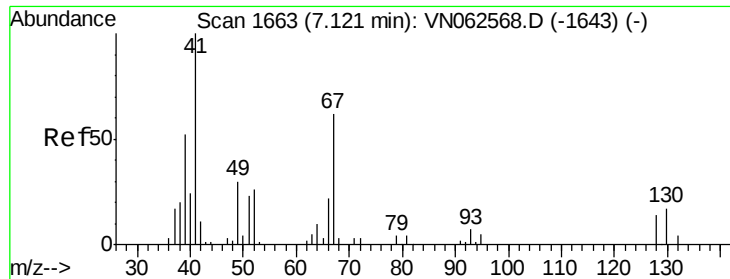
Tgt Ion: 83 Resp: 20440
Ion Ratio Lower Upper
83 100
55 88.8 68.9 103.3
98 42.3 35.1 52.7



#40
Benzene
Concen: 5.631 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 78 Resp: 61139
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1

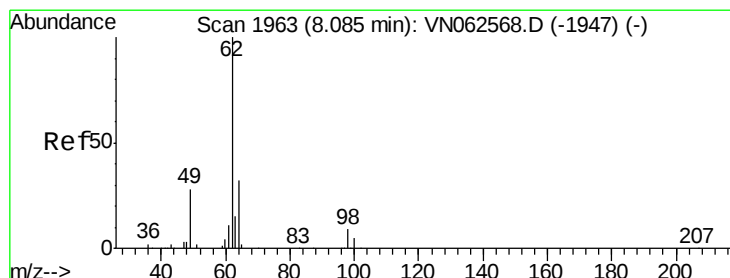
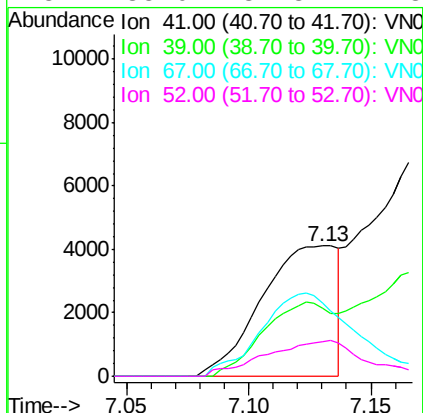
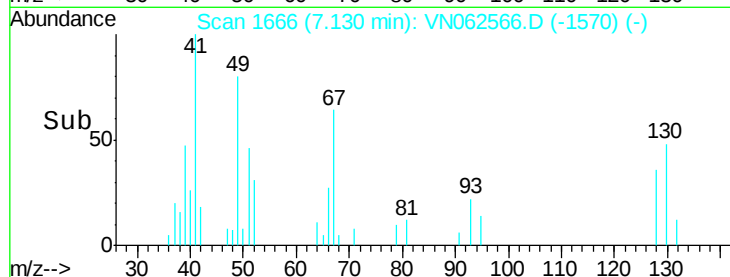
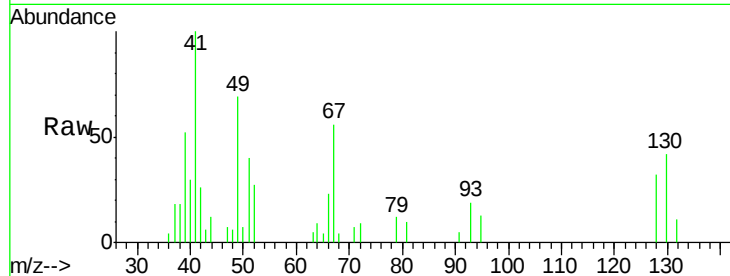




#41
Methacrylonitrile
Concen: 5.092 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

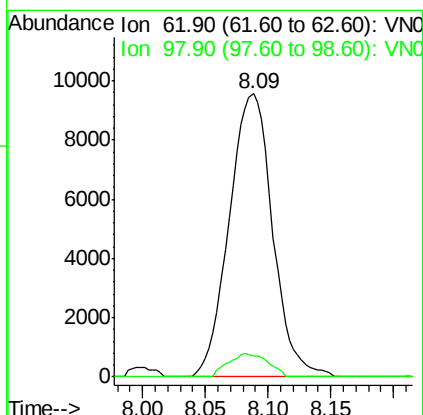
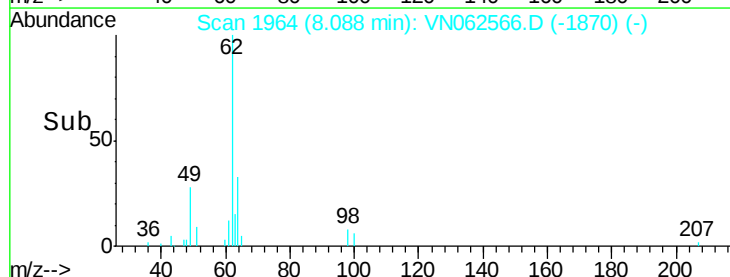
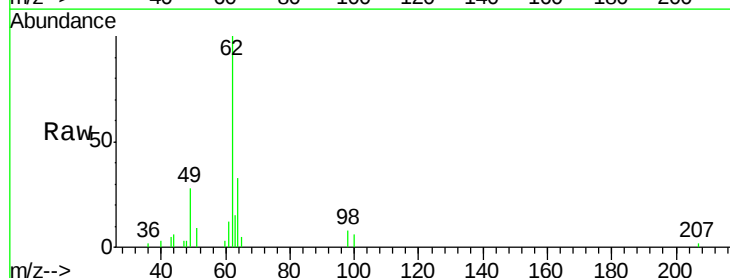
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

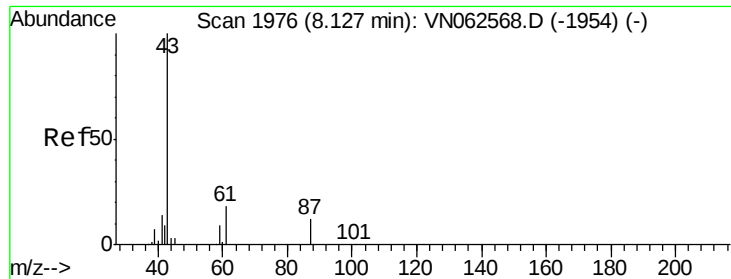
Tgt Ion: 41 Resp: 8887
Ion Ratio Lower Upper
41 100
39 52.6 55.8 83.6#
67 78.9 72.5 108.7
52 35.0 31.8 47.8



#42
1,2-Dichloroethane
Concen: 5.780 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 62 Resp: 22977
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43

Isopropyl Acetate

Concen: 4.996 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

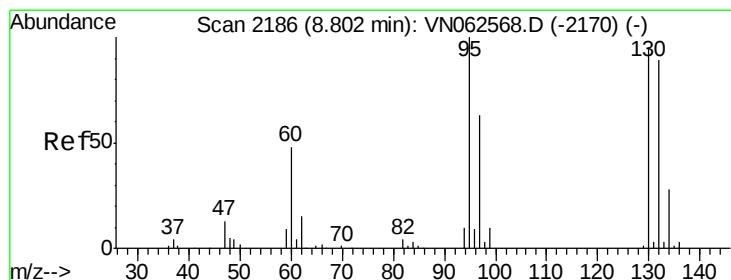
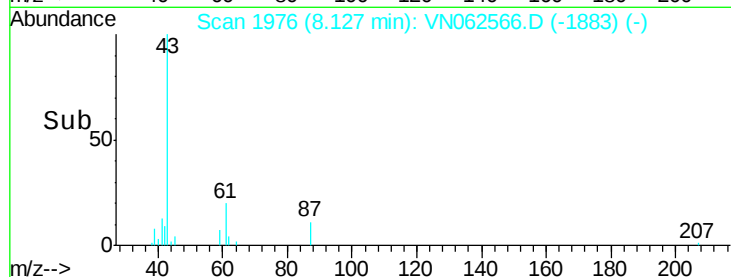
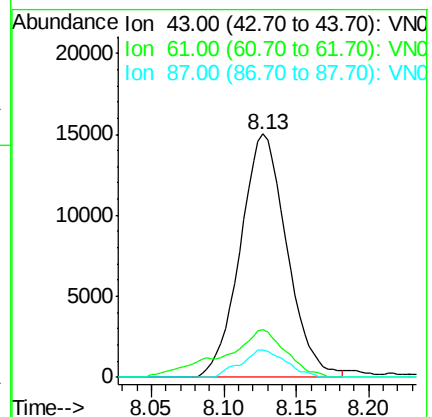
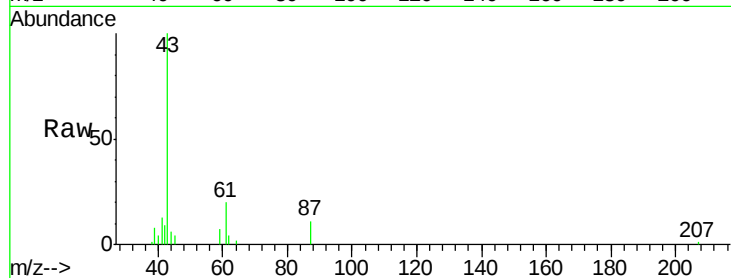
Tgt Ion: 43 Resp: 33616

Ion Ratio Lower Upper

43 100

61 26.4 20.8 31.2

87 10.8 9.2 13.8



#44

Trichloroethene

Concen: 5.740 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062566.D

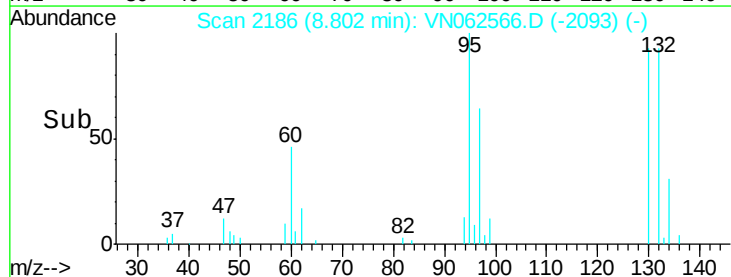
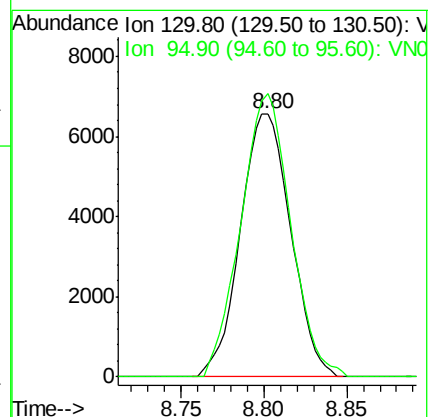
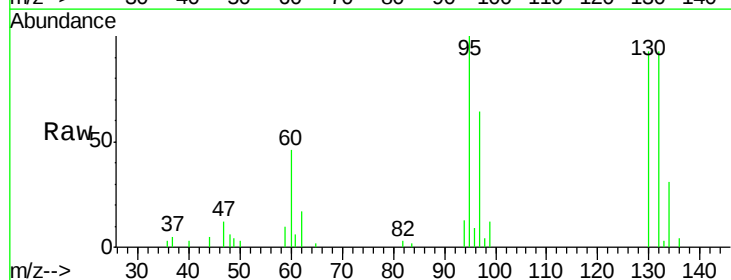
Acq: 21 Jul 2020 11:57

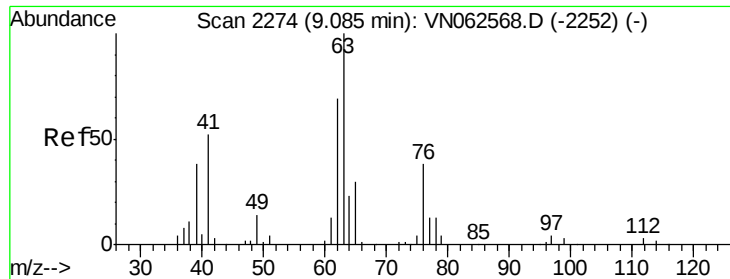
Tgt Ion: 130 Resp: 13878

Ion Ratio Lower Upper

130 100

95 107.6 0.0 210.4

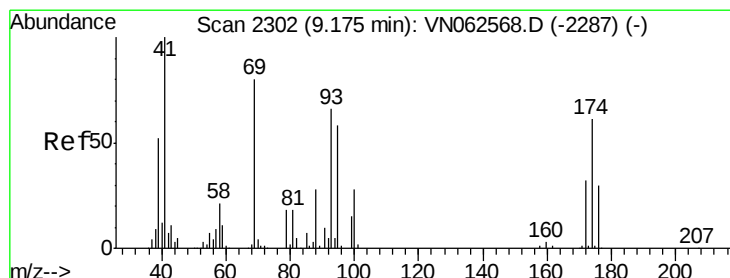
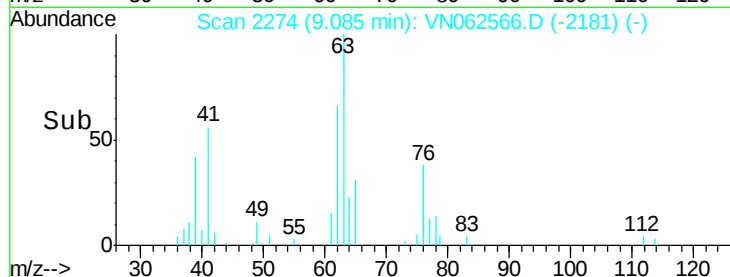
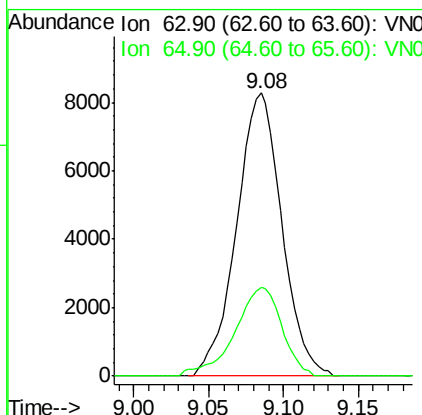
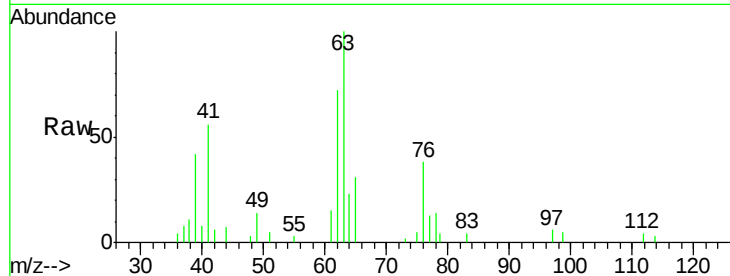




#45
 1,2-Dichloropropane
 Concen: 5.569 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

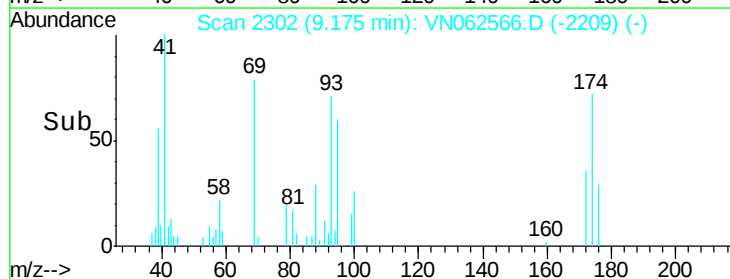
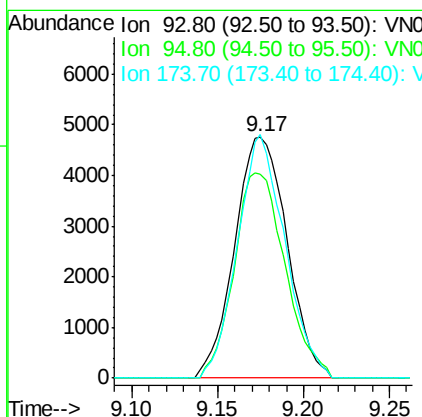
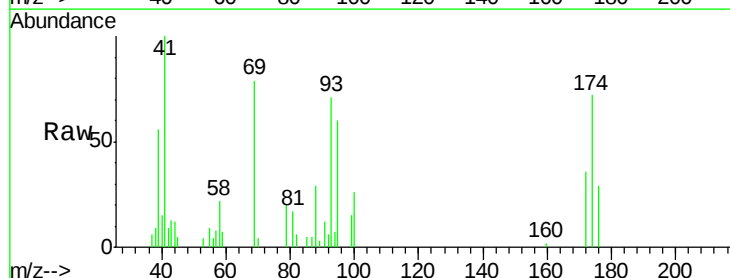
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

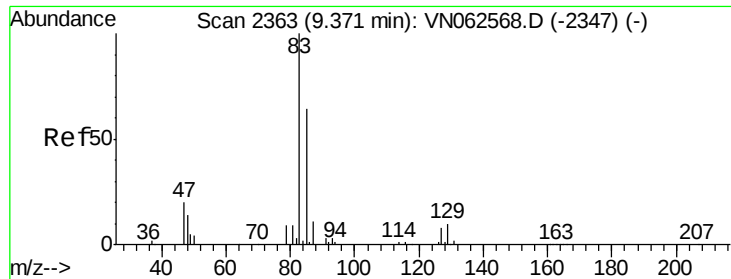
Tgt Ion: 63 Resp: 17449
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.4 36.6



#46
 Dibromomethane
 Concen: 5.657 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 93 Resp: 10068
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.6 101.4
 174 91.2 72.5 108.7





#47

Bromodichloromethane

Concen: 5.534 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

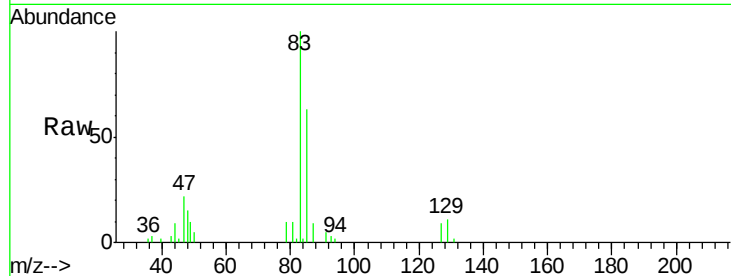
Tgt Ion: 83 Resp: 21005

Ion Ratio Lower Upper

83 100

85 63.4 51.6 77.4

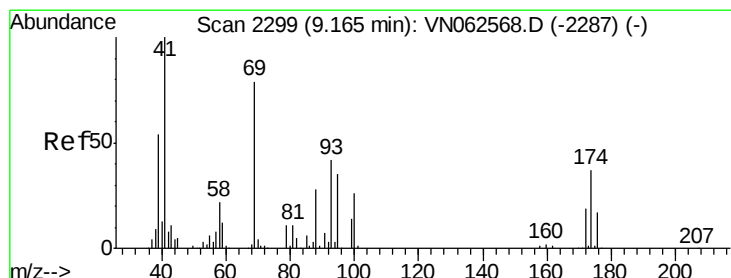
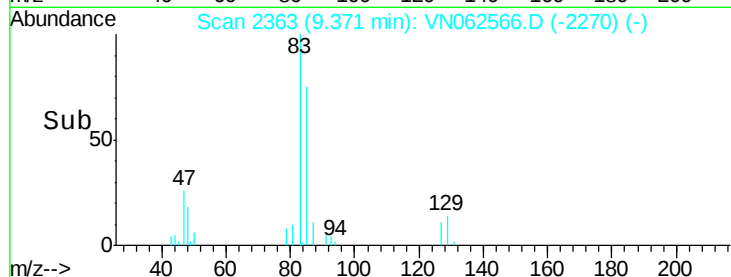
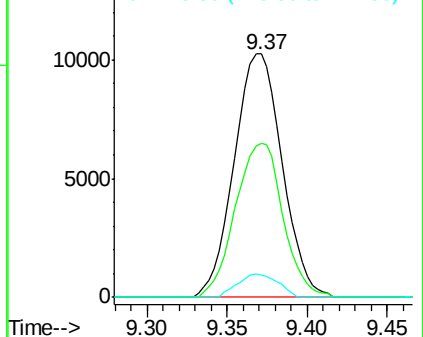
127 9.3 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN062566.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062566.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062566.D (-2270) (-)



#48

Methyl methacrylate

Concen: 4.610 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

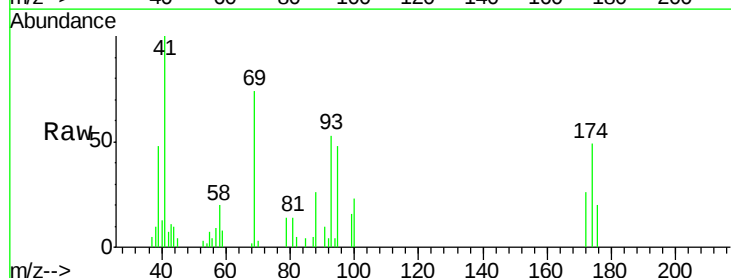
Tgt Ion: 41 Resp: 15145

Ion Ratio Lower Upper

41 100

69 77.6 64.4 96.6

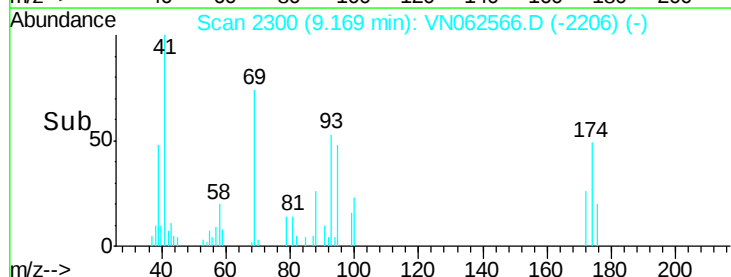
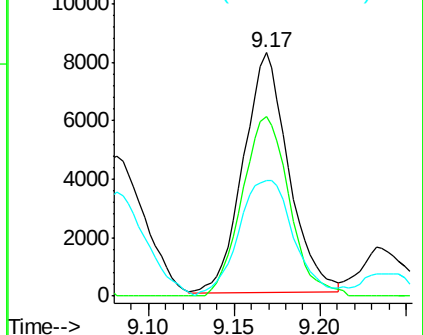
39 58.3 43.5 65.3

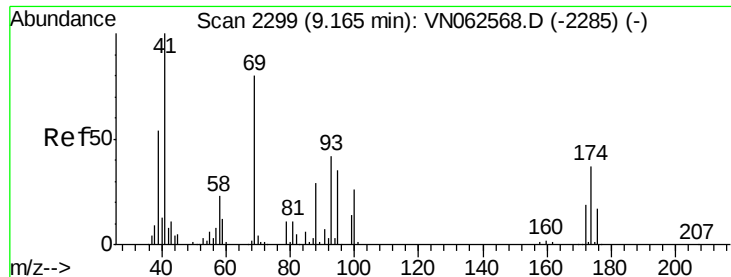


Abundance Ion 41.00 (40.70 to 41.70): VN062566.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062566.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062566.D (-2206) (-)





#49

1,4-Dioxane

Concen: 100.641 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

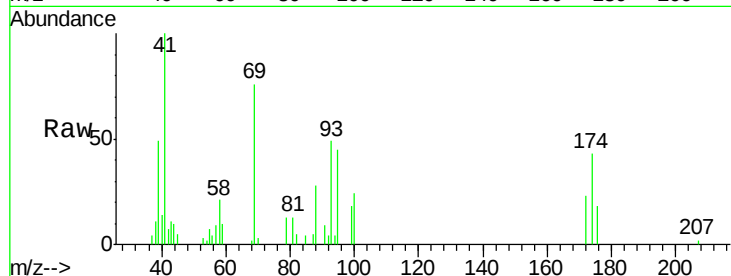
Tgt Ion: 88 Resp: 4869

Ion Ratio Lower Upper

88 100

43 44.2 32.0 48.0

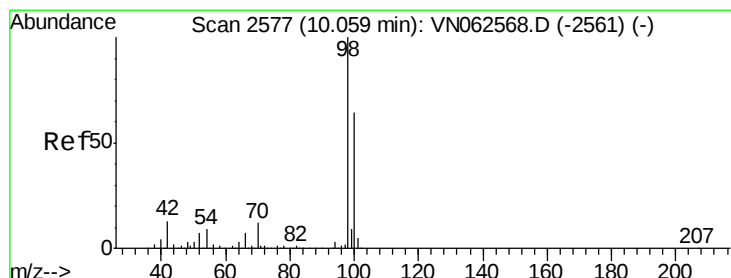
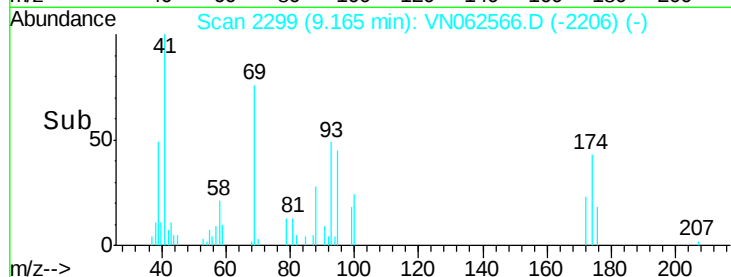
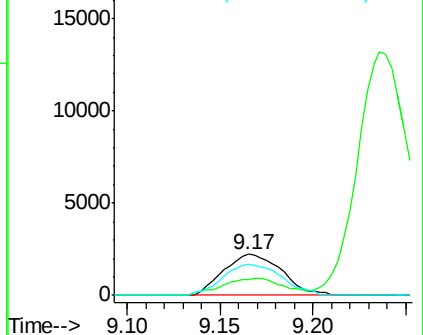
58 76.1 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): VN062566.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN062566.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062566.D (-2206) (-)



#50

Toluene-d8

Concen: 5.312 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062566.D

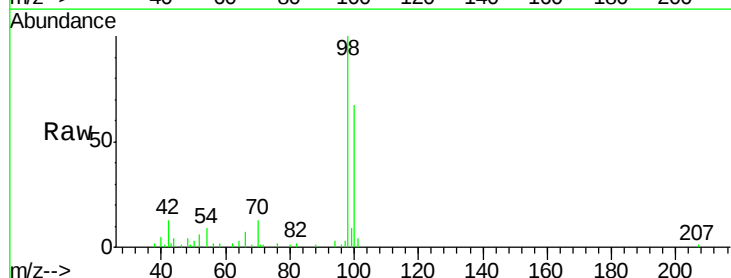
Acq: 21 Jul 2020 11:57

Tgt Ion: 98 Resp: 47421

Ion Ratio Lower Upper

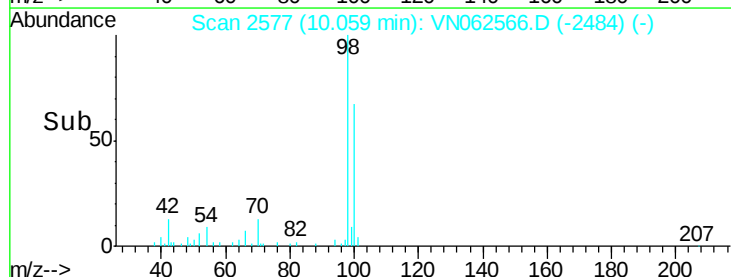
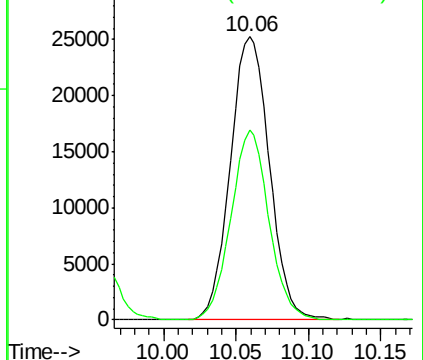
98 100

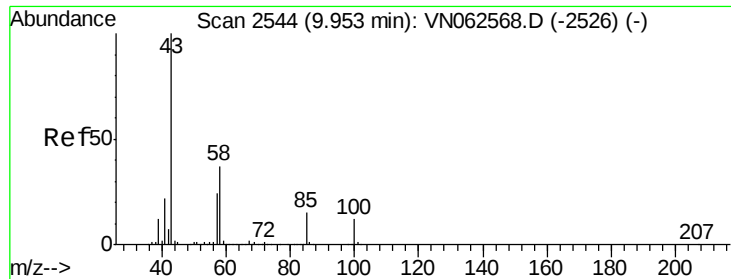
100 65.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062566.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062566.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 24.706 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

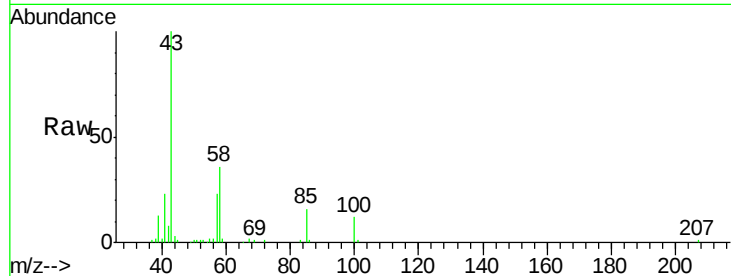
VSTDIC005

Tgt Ion: 43 Resp: 99120

Ion Ratio Lower Upper

43 100

58 35.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

60000

50000

40000

30000

20000

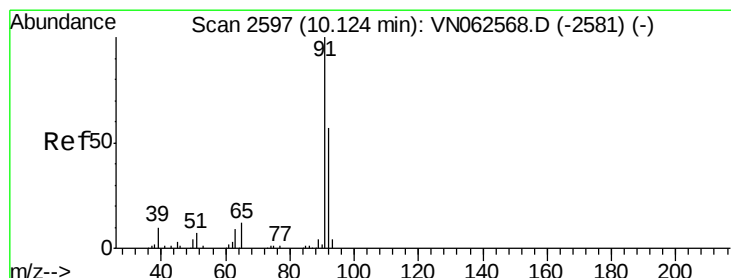
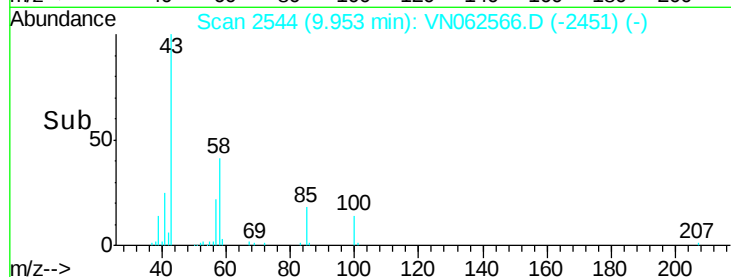
10000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 5.399 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062566.D

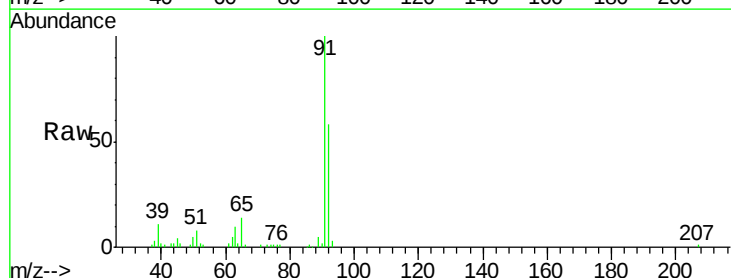
Acq: 21 Jul 2020 11:57

Tgt Ion: 92 Resp: 34027

Ion Ratio Lower Upper

92 100

91 177.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

30000

20000

10000

0

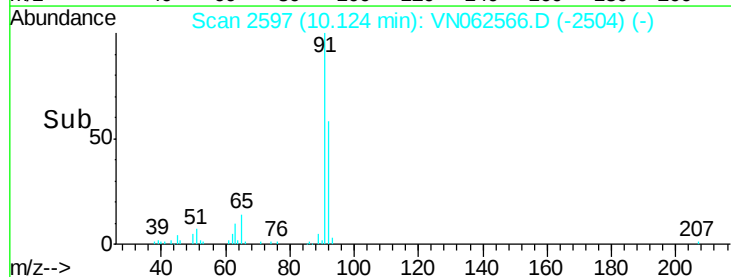
10.05

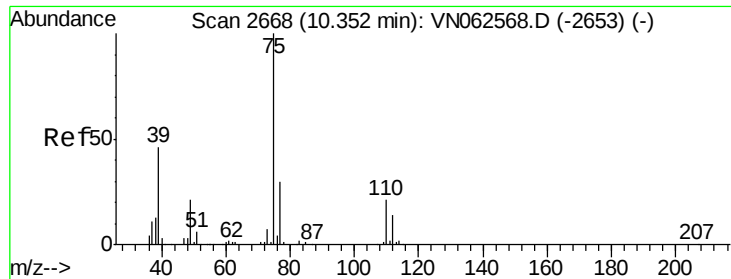
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 5.277 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

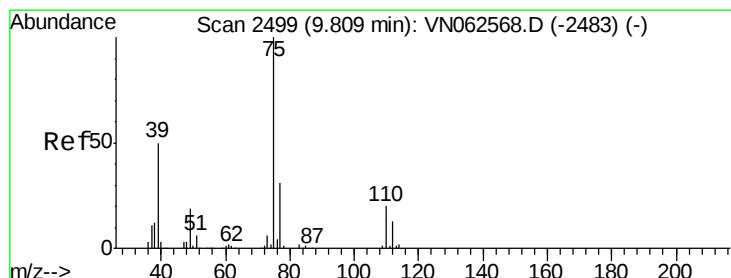
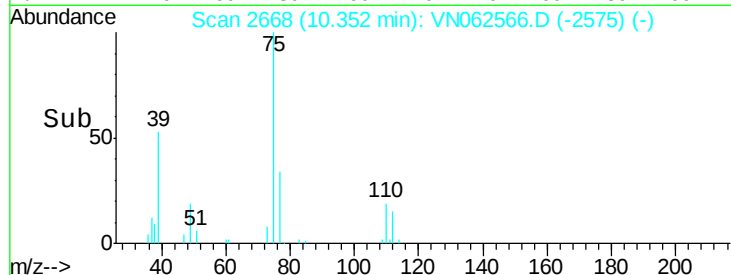
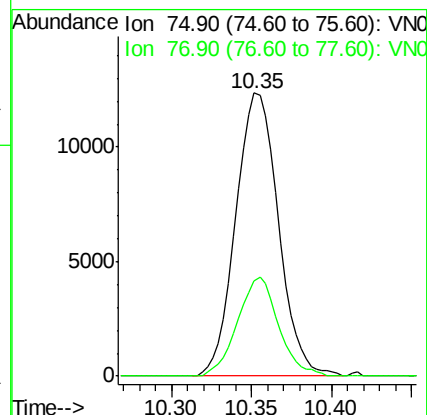
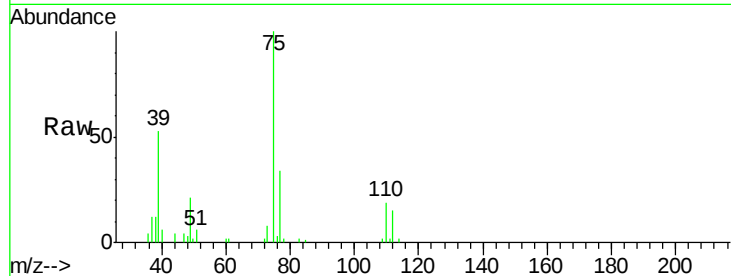
VSTDIC005

Tgt Ion: 75 Resp: 22504

Ion Ratio Lower Upper

75 100

77 33.5 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 5.143 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

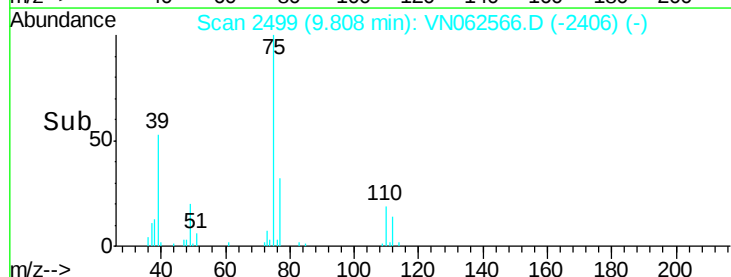
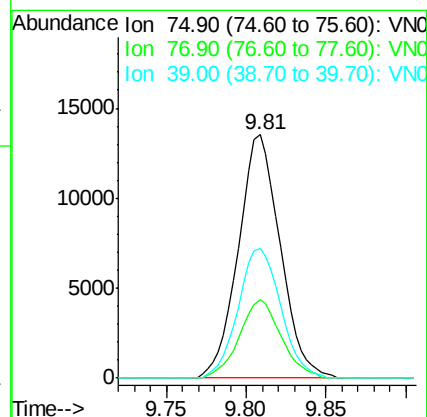
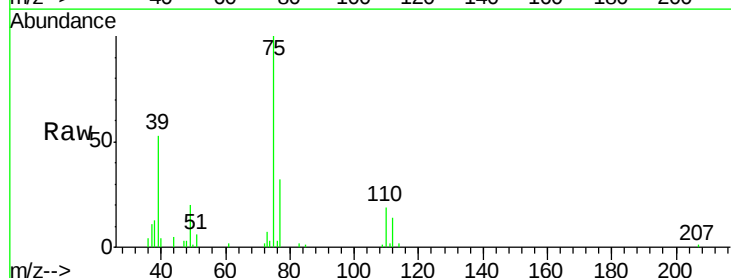
Tgt Ion: 75 Resp: 24147

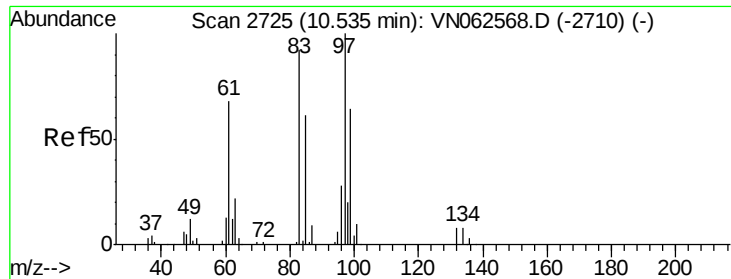
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 53.1 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 5.703 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 97 Resp: 14031

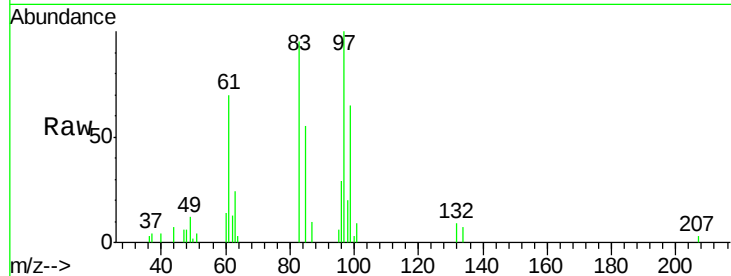
Ion Ratio Lower Upper

97 100

83 94.8 73.7 110.5

85 55.4 48.5 72.7

99 64.6 50.8 76.2

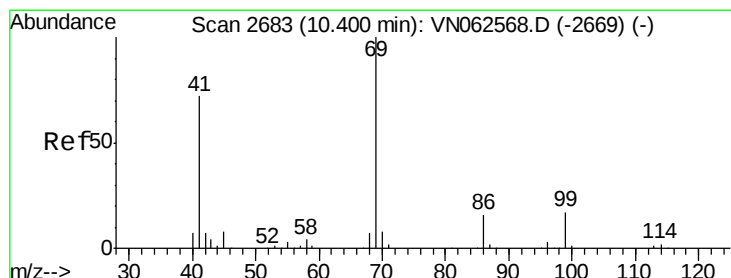
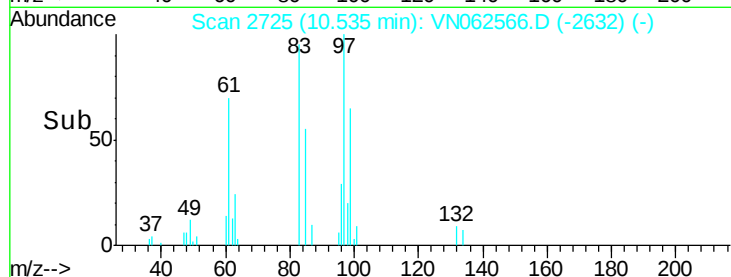
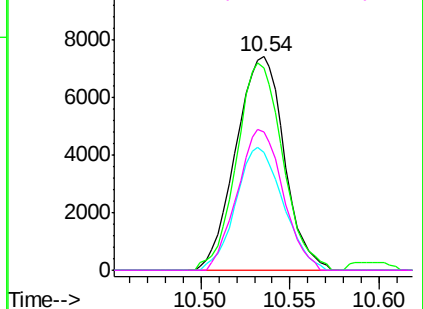


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 4.703 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

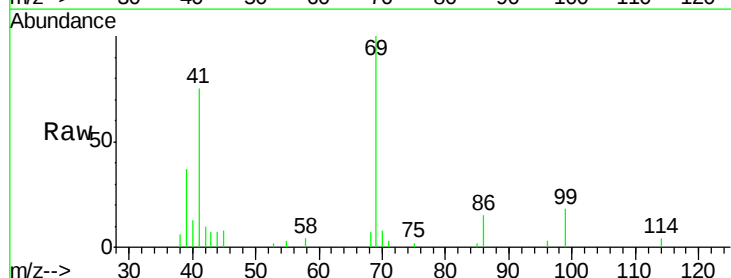
Tgt Ion: 69 Resp: 19274

Ion Ratio Lower Upper

69 100

41 76.1 57.2 85.8

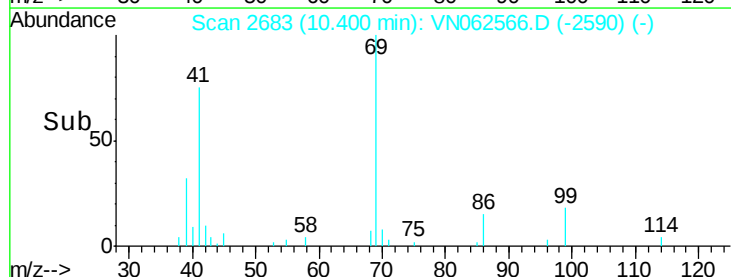
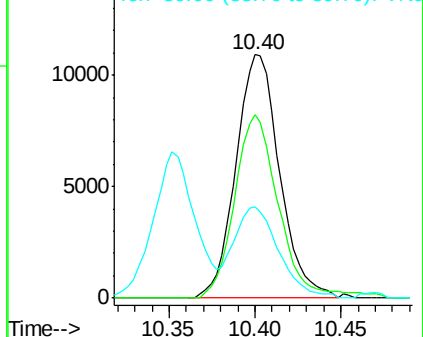
39 39.4 28.6 43.0

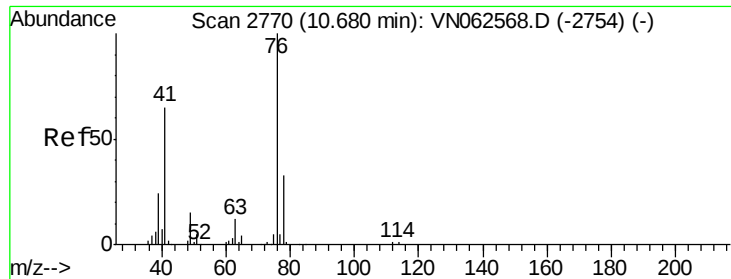


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

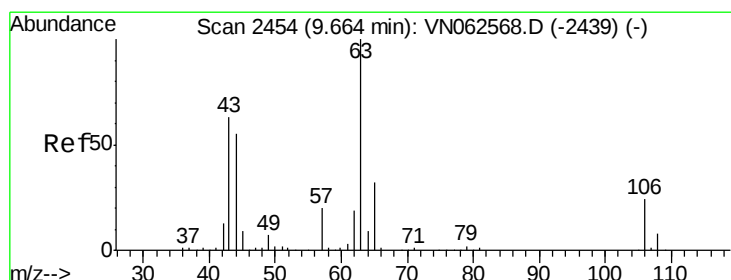
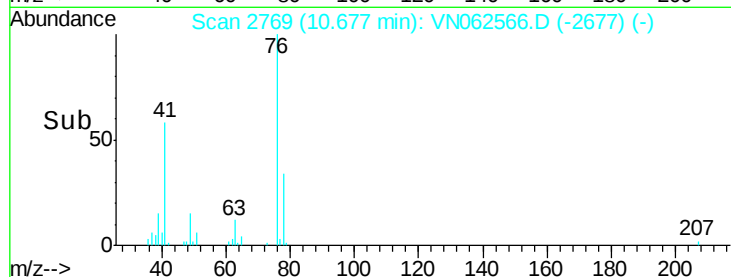
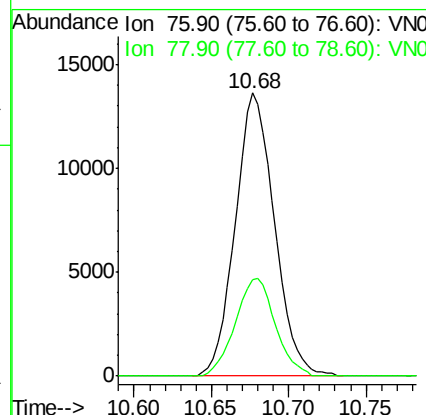
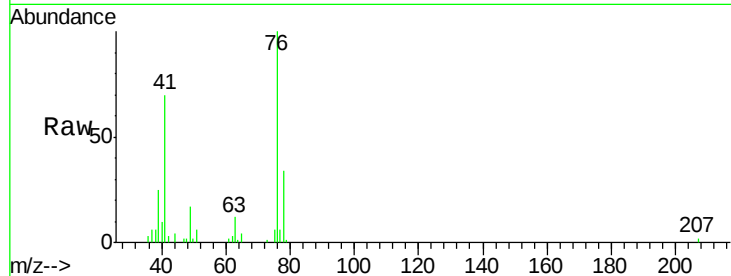




#57
 1,3-Dichloropropane
 Concen: 5.269 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

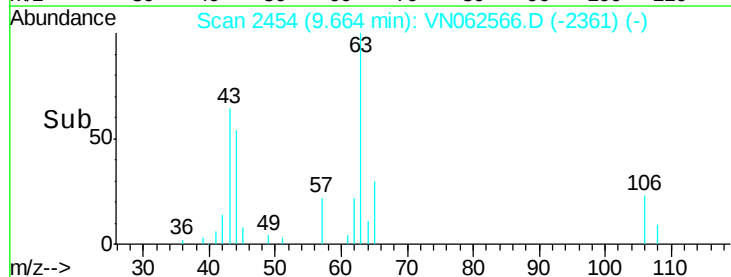
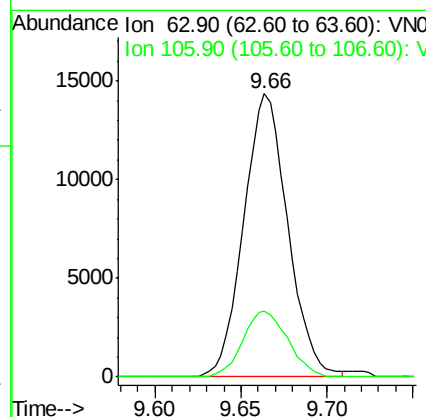
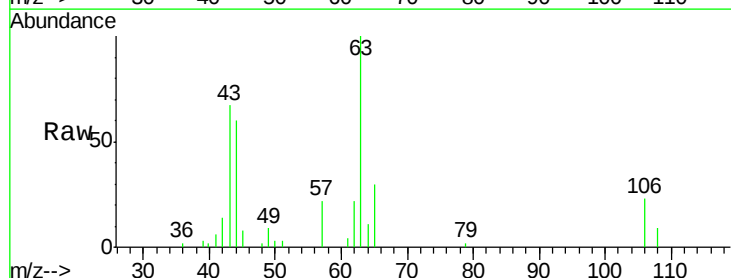
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

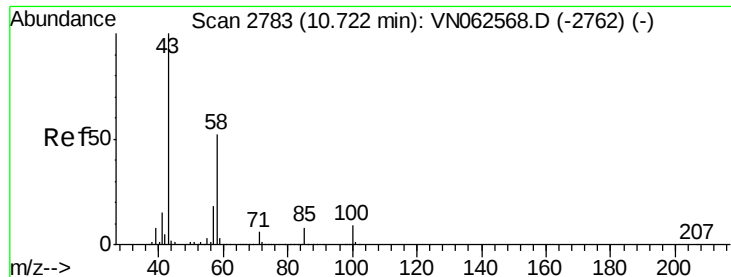
Tgt Ion: 76 Resp: 23973
 Ion Ratio Lower Upper
 76 100
 78 35.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.121 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 63 Resp: 25600
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.9 28.3

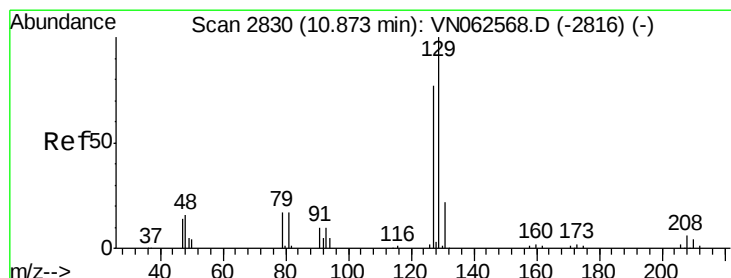
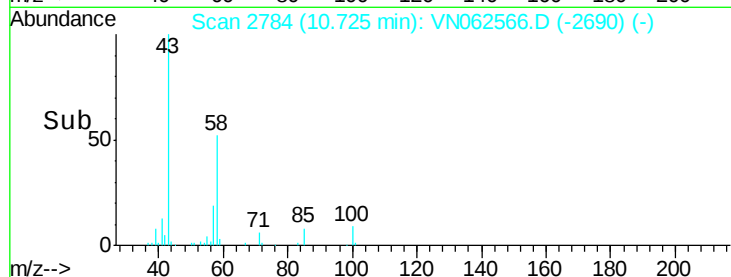
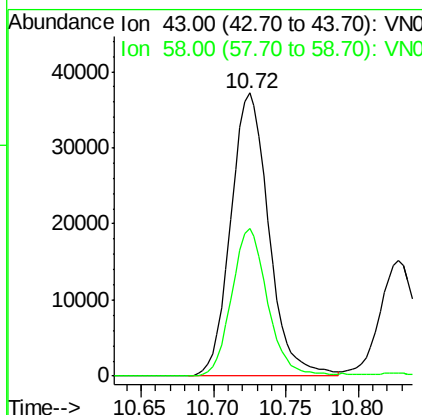
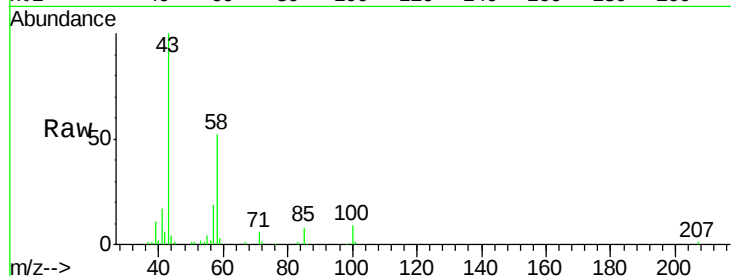




#59
2-Hexanone
Concen: 23.308 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

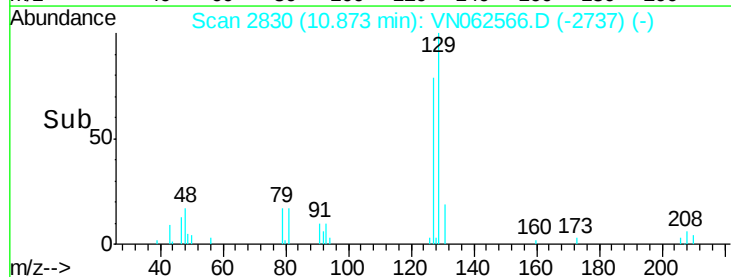
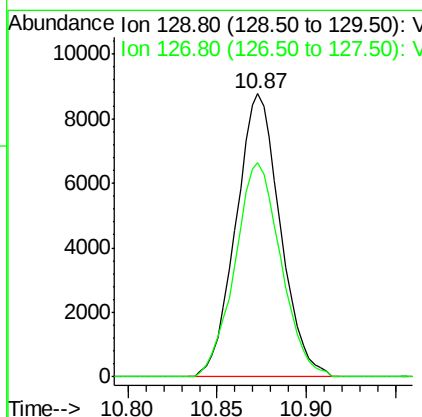
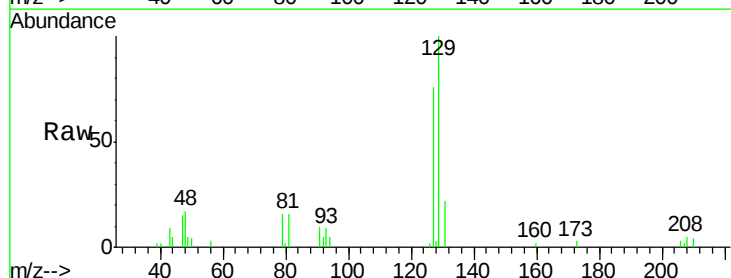
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

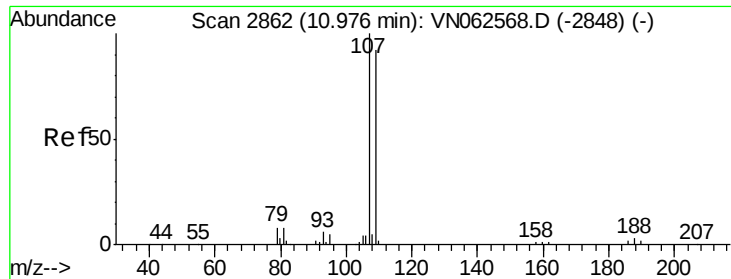
Tgt Ion: 43 Resp: 67952
Ion Ratio Lower Upper
43 100
58 49.0 26.0 78.0



#60
Dibromochloromethane
Concen: 5.654 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 129 Resp: 15227
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





#61

1,2-Dibromoethane

Concen: 5.599 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

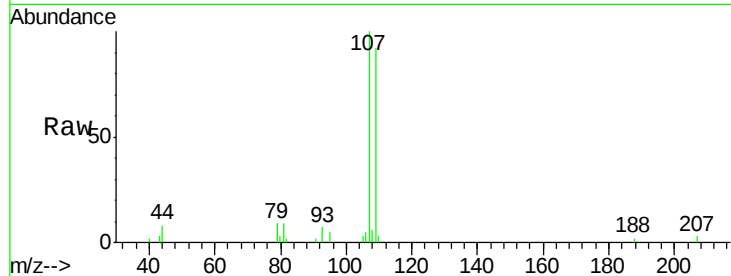
VSTDIC005

Tgt Ion: 107 Resp: 14015

Ion Ratio Lower Upper

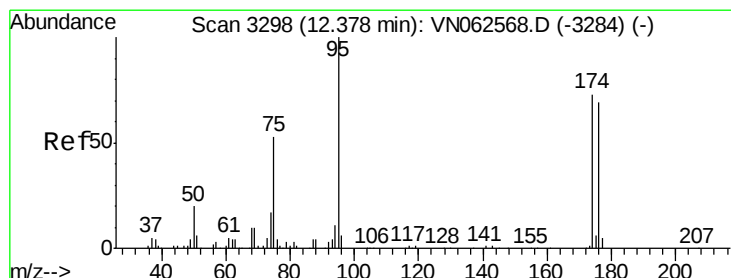
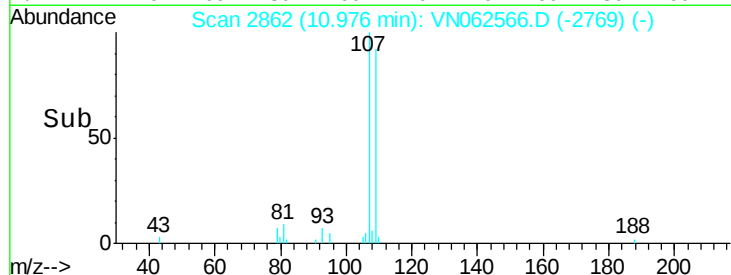
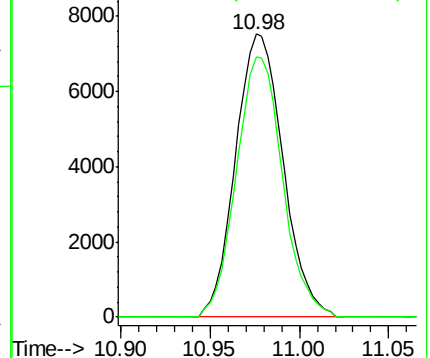
107 100

109 89.4 73.8 110.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.832 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

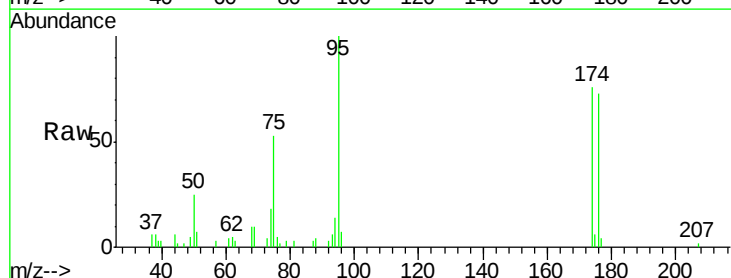
Tgt Ion: 95 Resp: 15823

Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.6

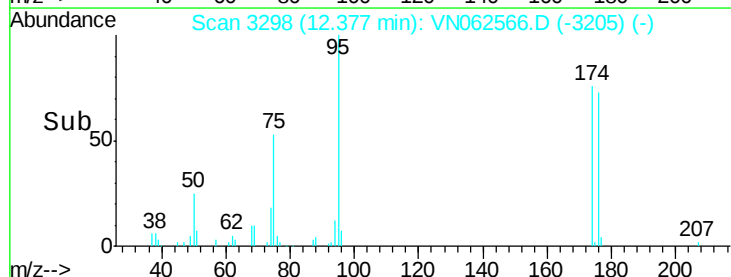
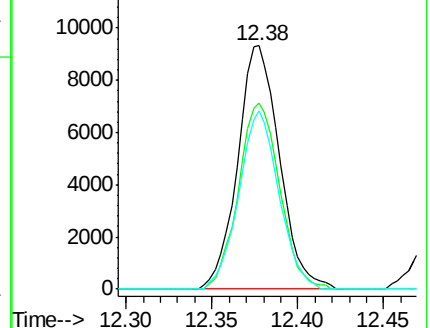
176 69.9 0.0 139.4

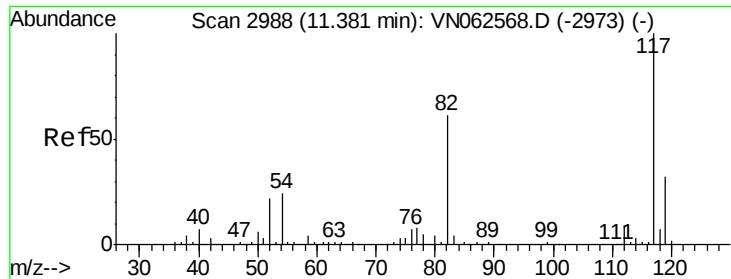


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

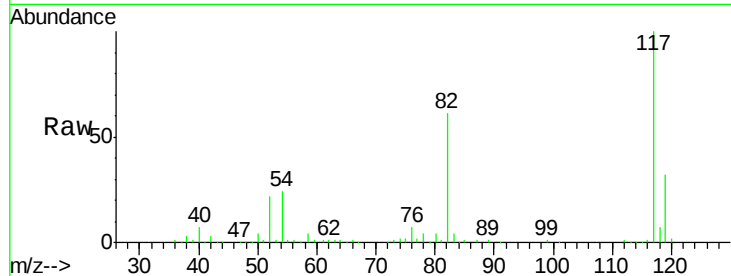
Tgt Ion:117 Resp: 337624

Ion Ratio Lower Upper

117 100

82 61.3 49.0 73.6

119 32.4 25.4 38.2

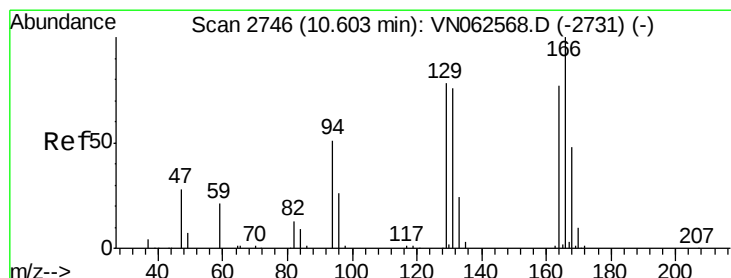
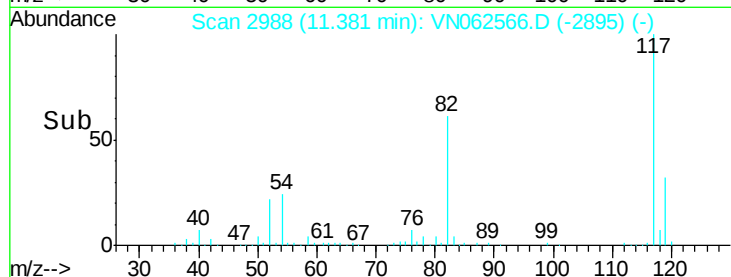
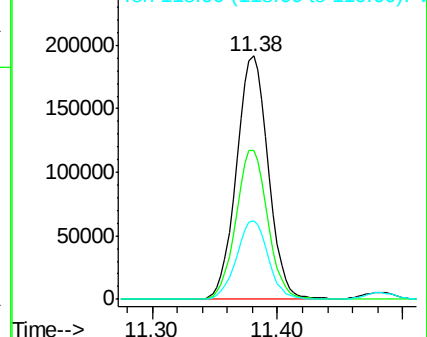


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.715 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion:164 Resp: 11523

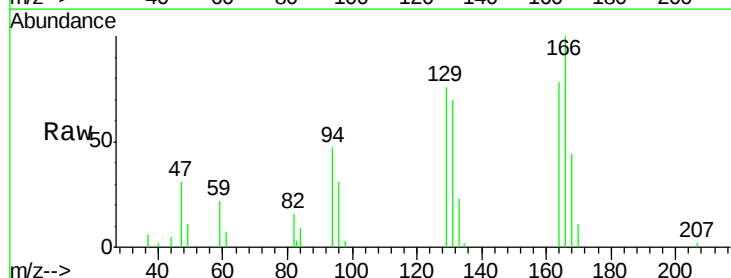
Ion Ratio Lower Upper

164 100

166 127.9 104.4 156.6

129 97.4 81.0 121.4

131 89.3 79.4 119.2



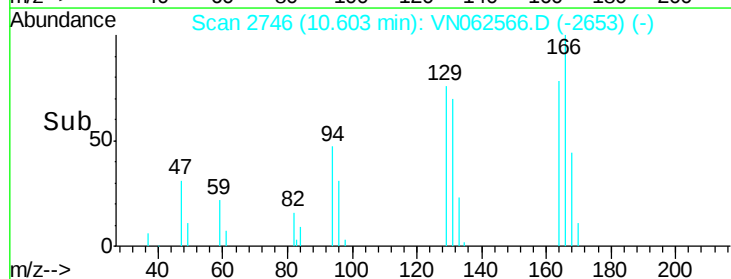
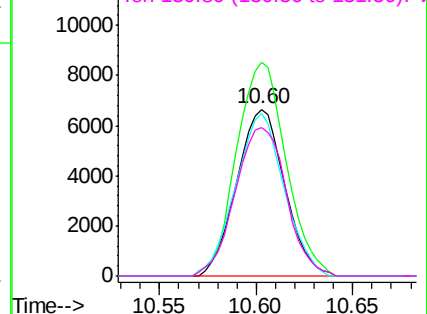
Abundance

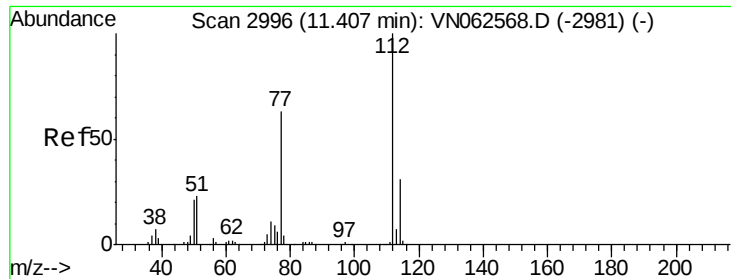
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.575 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

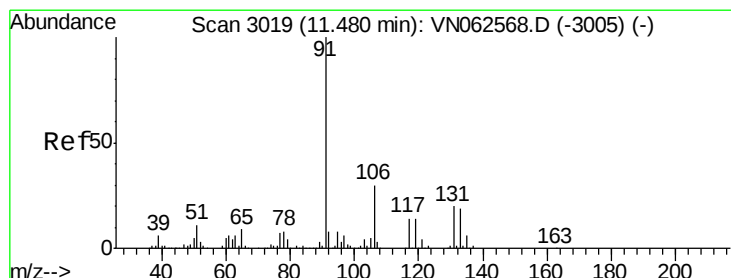
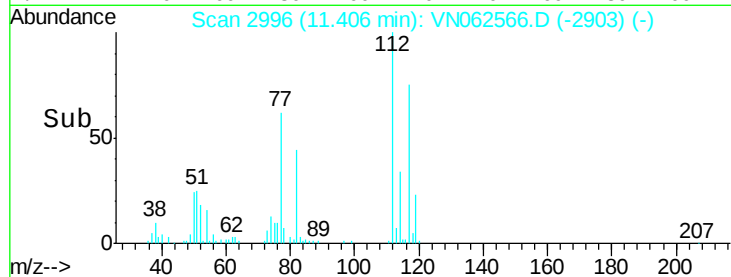
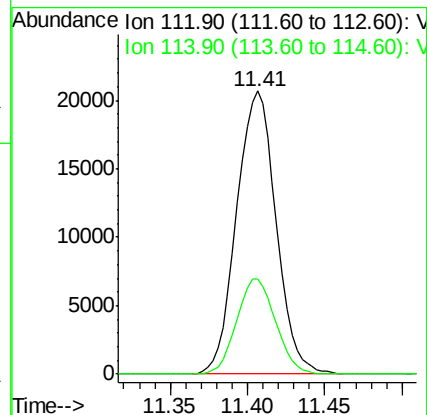
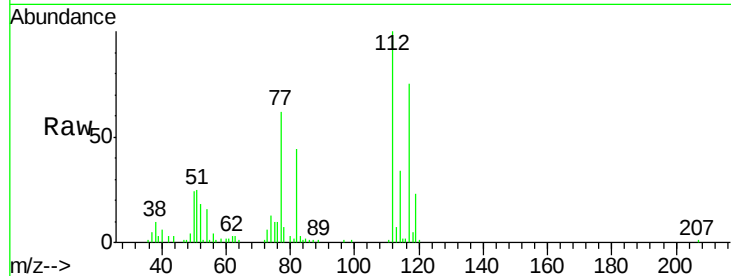
VSTDIC005

Tgt Ion:112 Resp: 36701

Ion Ratio Lower Upper

112 100

114 33.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 5.435 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

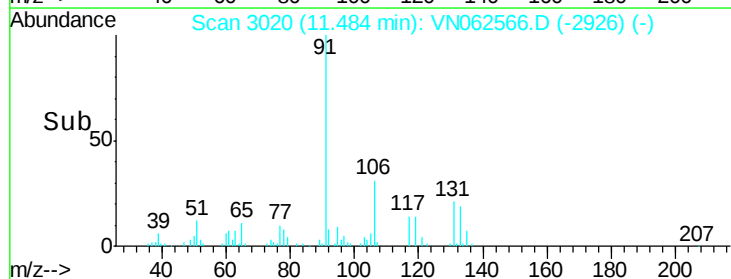
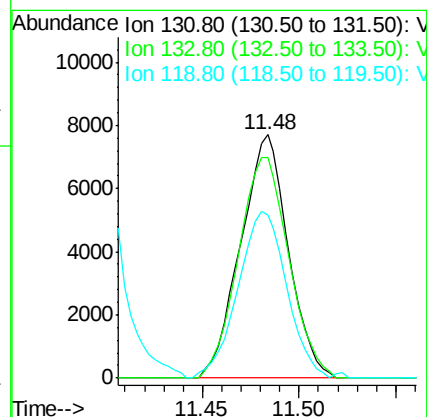
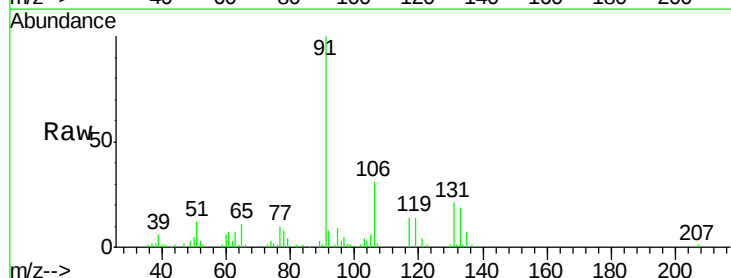
Tgt Ion:131 Resp: 13190

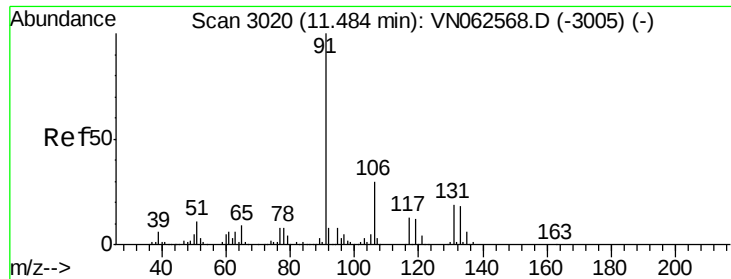
Ion Ratio Lower Upper

131 100

133 96.1 47.3 142.0

119 69.8 33.7 101.0

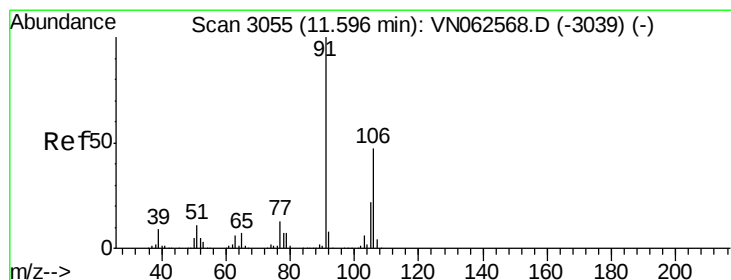
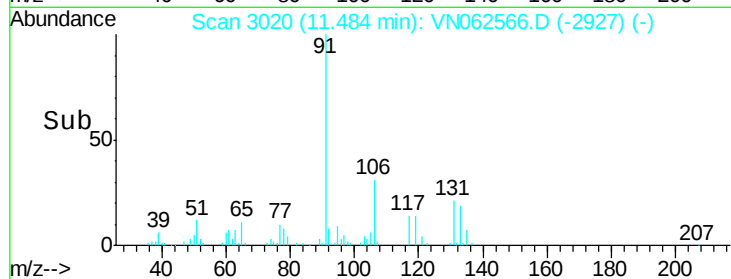
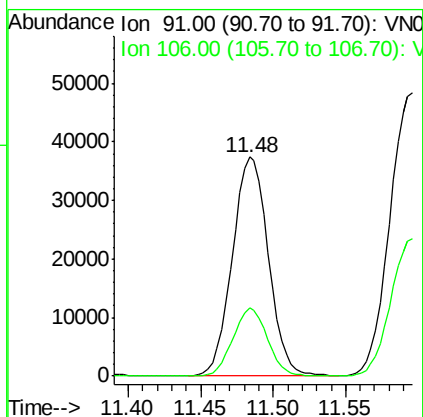
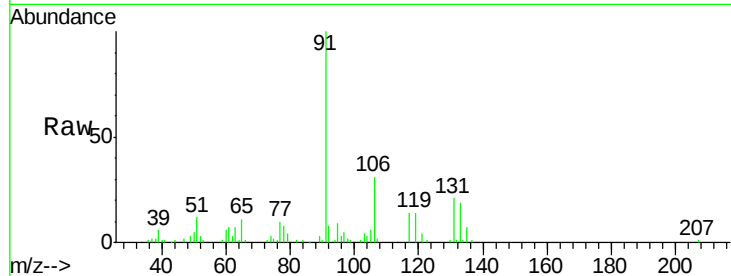




#67
Ethyl Benzene
Concen: 5.262 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

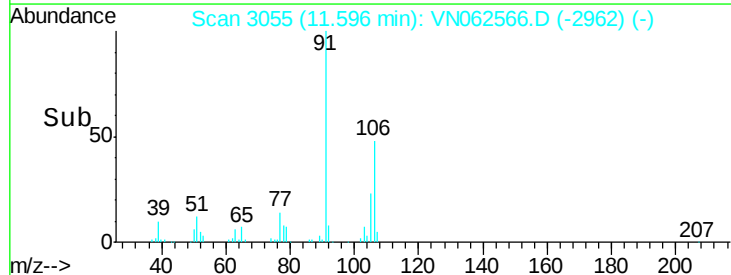
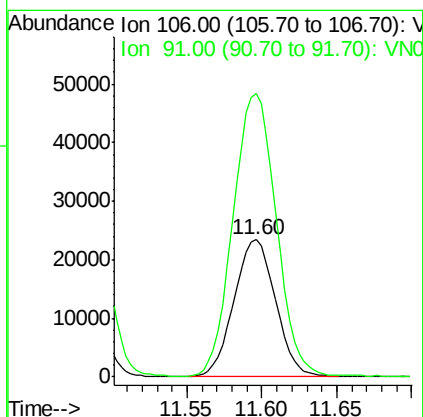
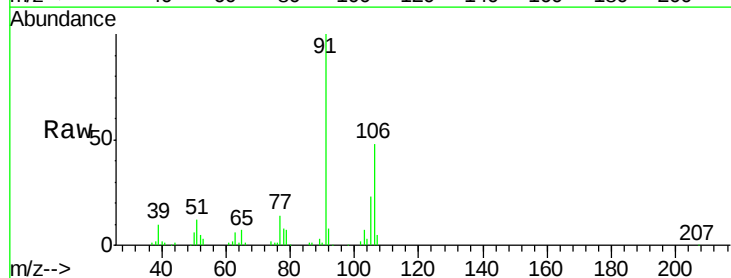
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

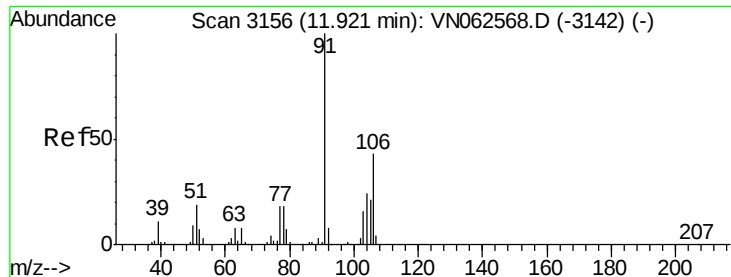
Tgt Ion: 91 Resp: 64770
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8



#68
m/p-Xylenes
Concen: 10.345 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion: 106 Resp: 45275
Ion Ratio Lower Upper
106 100
91 215.1 171.4 257.2

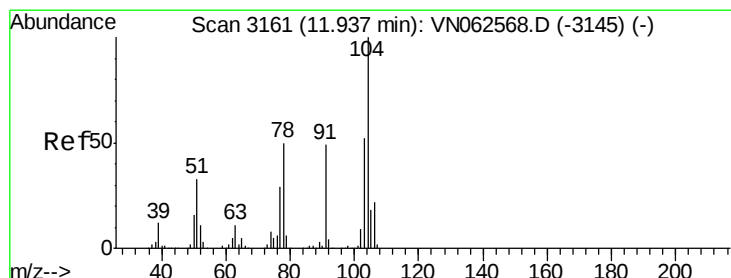
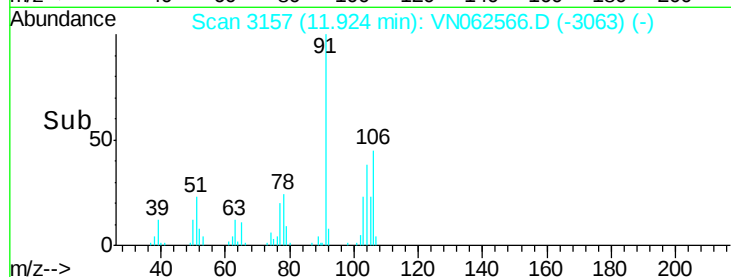
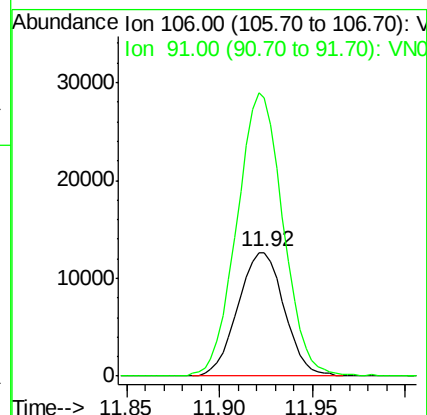
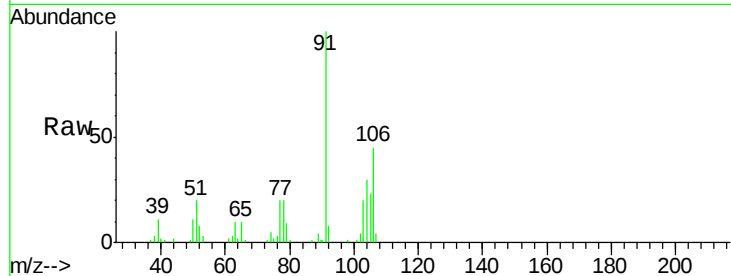




#69
o-Xylene
Concen: 5.166 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

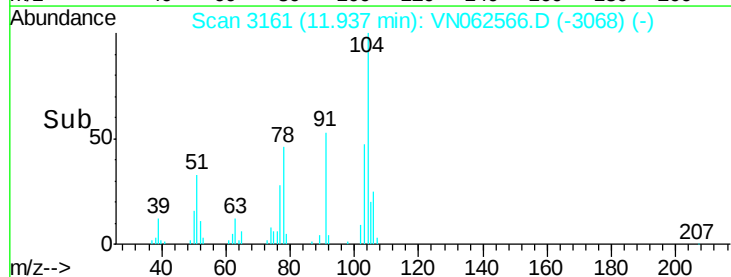
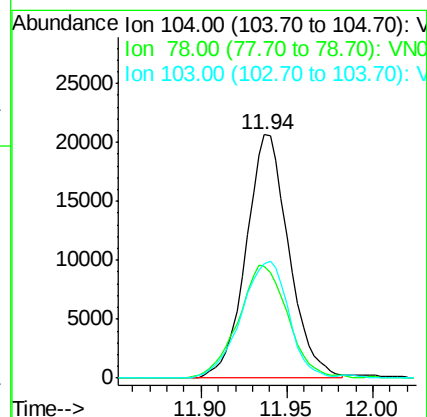
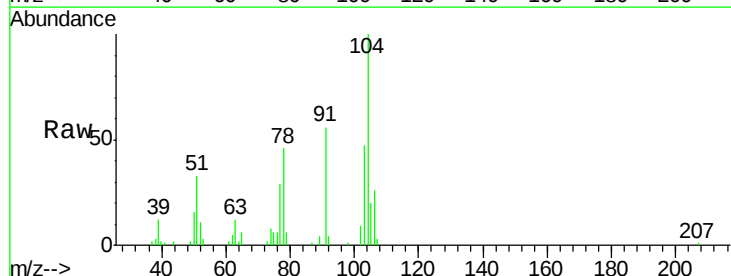
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

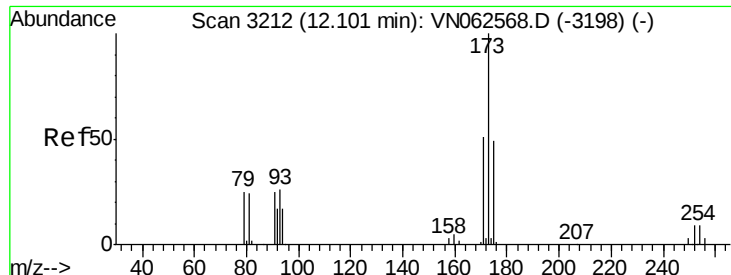
Tgt Ion:106 Resp: 21960
Ion Ratio Lower Upper
106 100
91 227.2 113.8 341.2



#70
Styrene
Concen: 5.062 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion:104 Resp: 35598
Ion Ratio Lower Upper
104 100
78 53.9 43.8 65.6
103 53.6 44.0 66.0

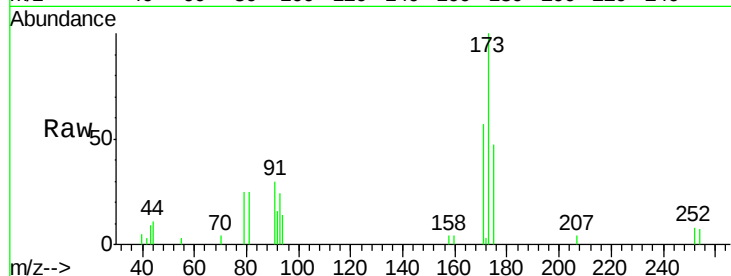




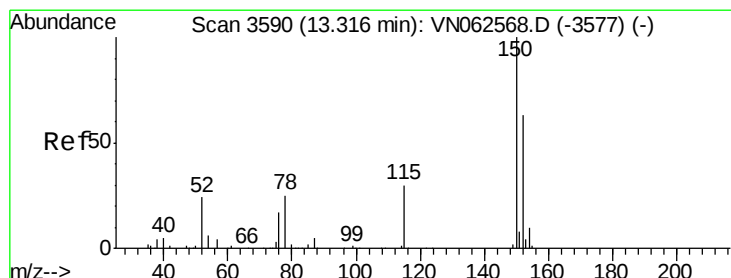
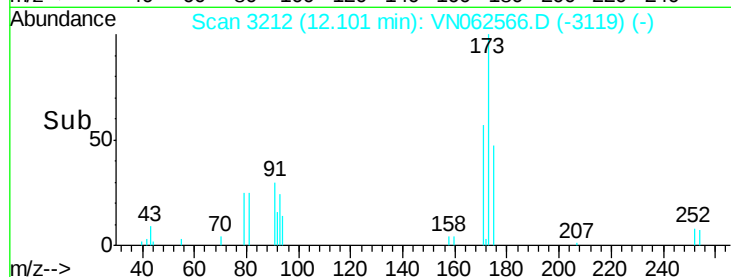
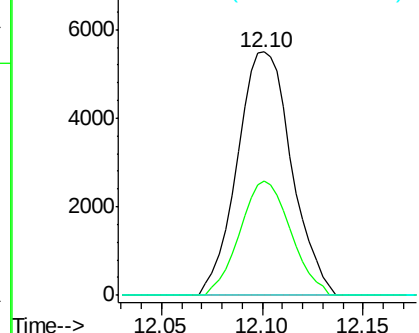
#71
Bromoform
Concen: 5.780 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 10323
Ion Ratio Lower Upper
173 100
175 43.9 24.1 72.2
254 0.0 0.0 0.0

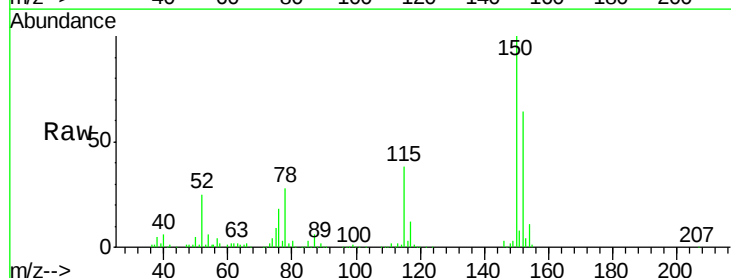


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

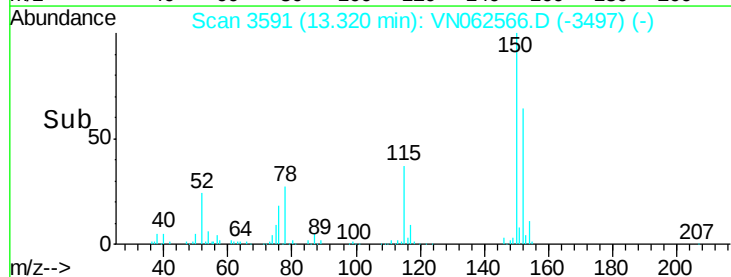
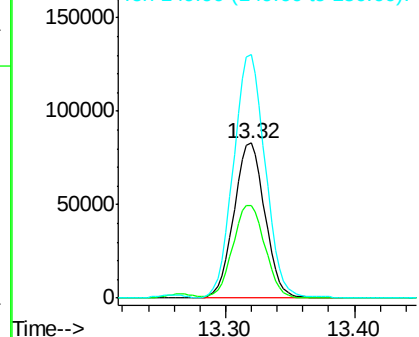


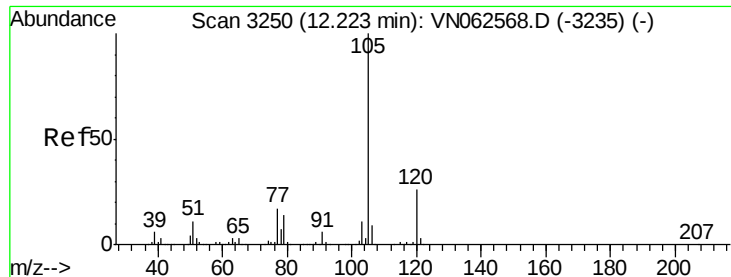
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion:152 Resp: 138993
Ion Ratio Lower Upper
152 100
115 61.3 31.8 95.4
150 158.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.520 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

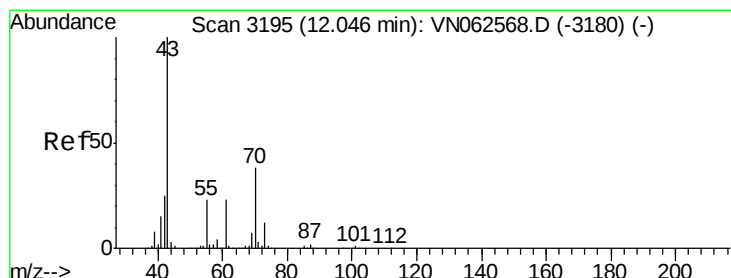
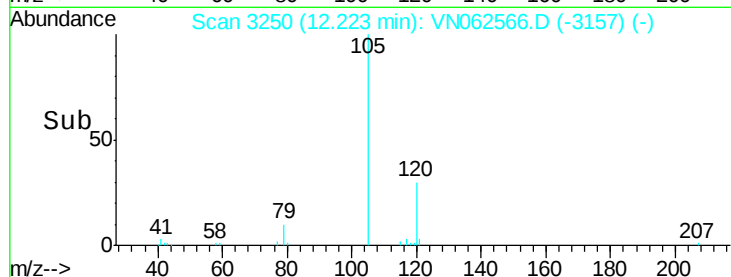
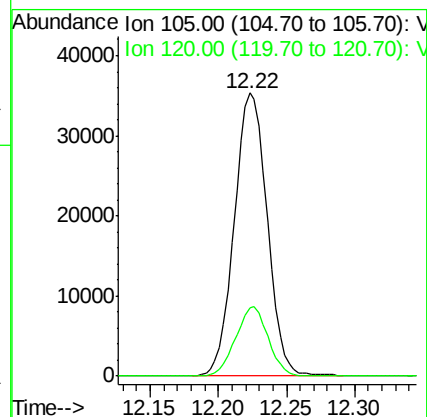
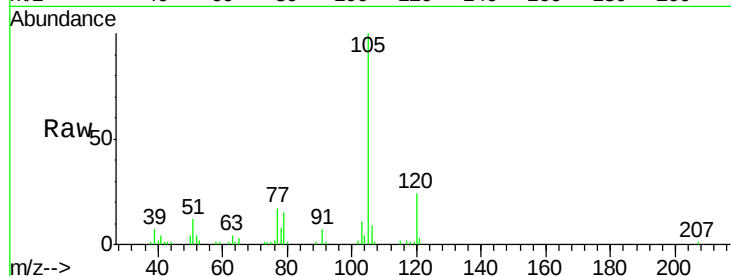
VSTDIC005

Tgt Ion:105 Resp: 59235

Ion Ratio Lower Upper

105 100

120 24.0 12.8 38.4



#74

N-ethyl acetate

Concen: 4.389 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Tgt Ion: 43 Resp: 22637

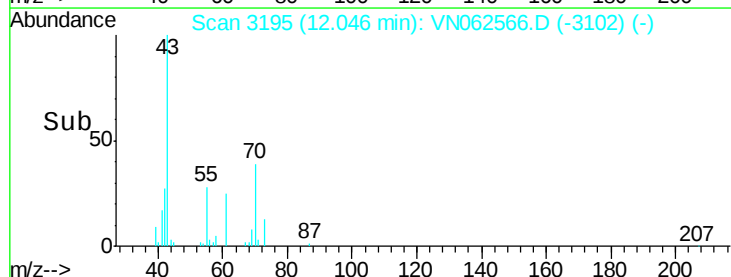
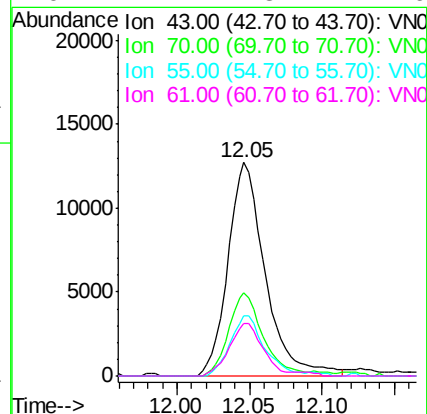
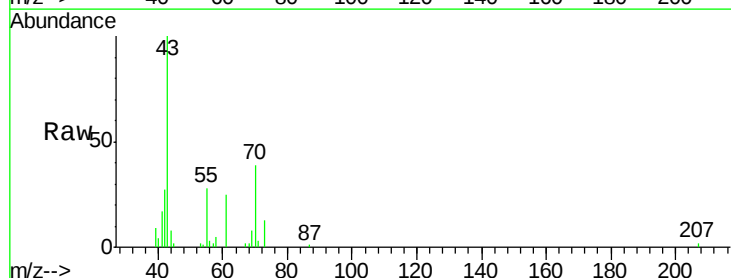
Ion Ratio Lower Upper

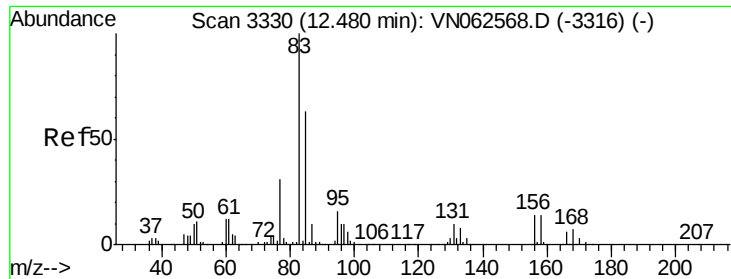
43 100

70 35.8 30.5 45.7

55 26.0 19.0 28.6

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.945 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

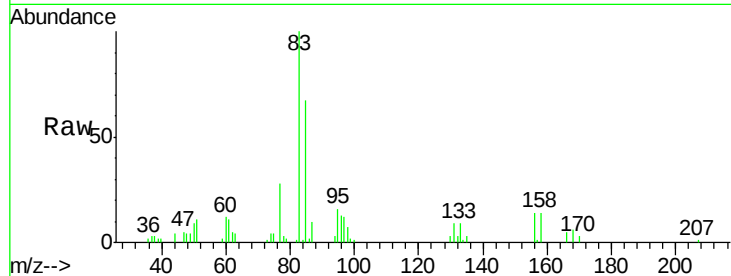
Tgt Ion: 83 Resp: 21435

Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.3

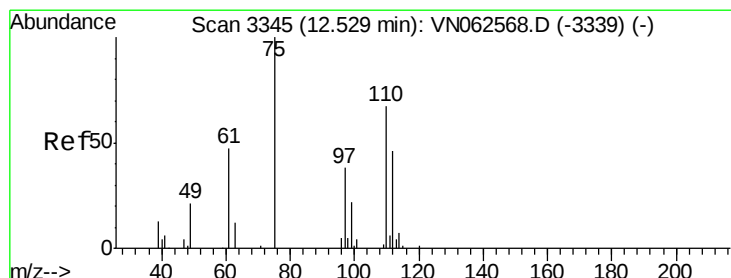
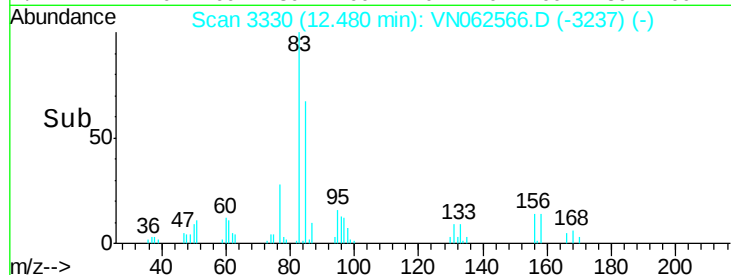
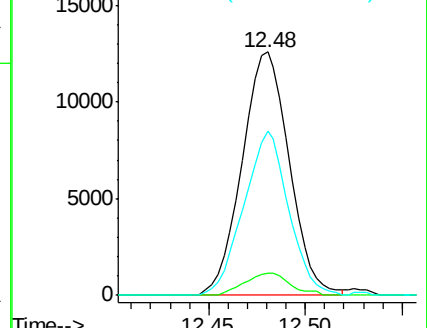
85 63.9 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062566.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062566.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062566.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 7.642 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062566.D

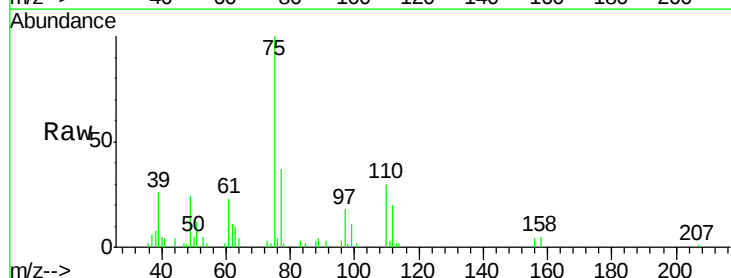
Acq: 21 Jul 2020 11:57

Tgt Ion: 75 Resp: 26296

Ion Ratio Lower Upper

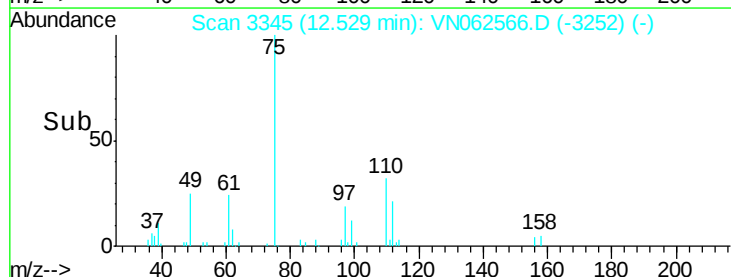
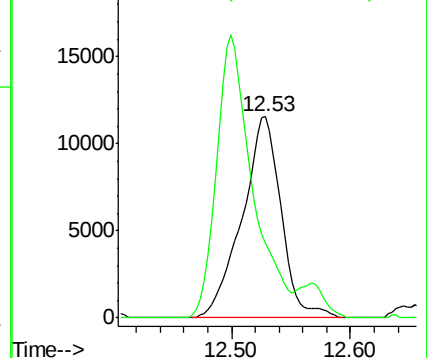
75 100

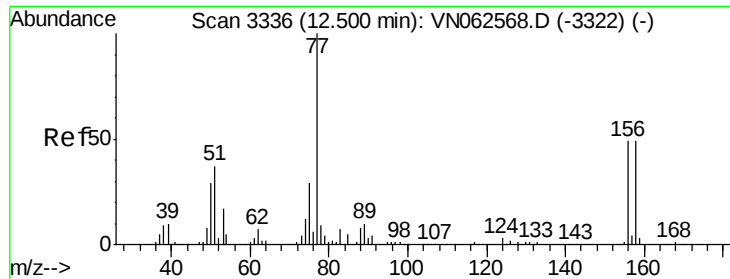
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062566.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062566.D (-3252) (-)





#77

Bromobenzene

Concen: 5.974 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

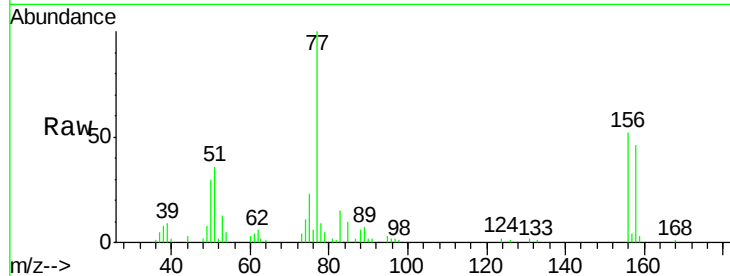
Tgt Ion:156 Resp: 14635

Ion Ratio Lower Upper

156 100

77 231.7 122.8 368.3

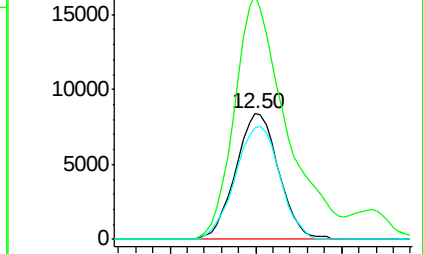
158 93.0 49.4 148.0



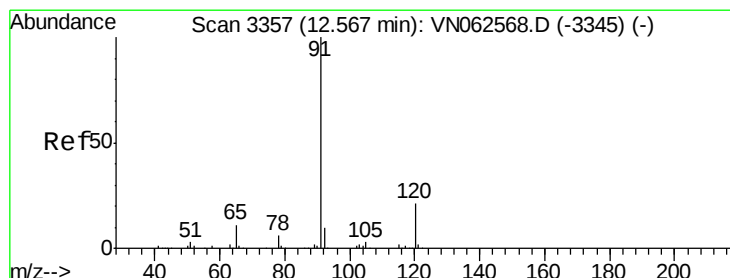
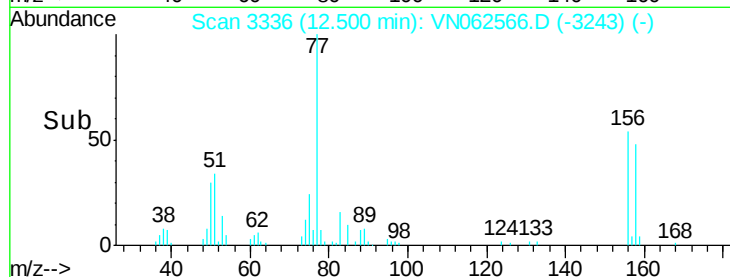
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 5.211 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062566.D

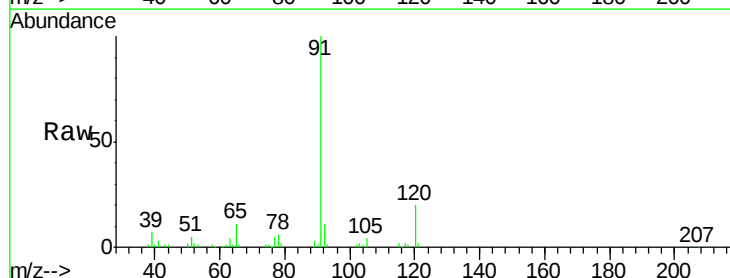
Acq: 21 Jul 2020 11:57

Tgt Ion: 91 Resp: 65184

Ion Ratio Lower Upper

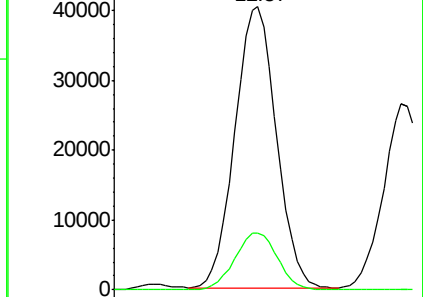
91 100

120 20.8 10.9 32.6

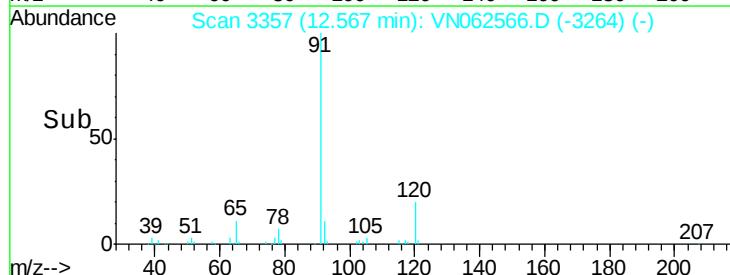


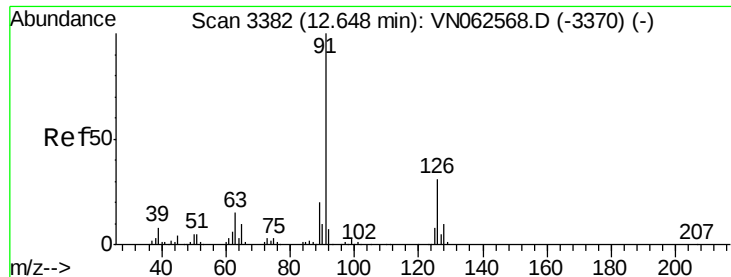
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->

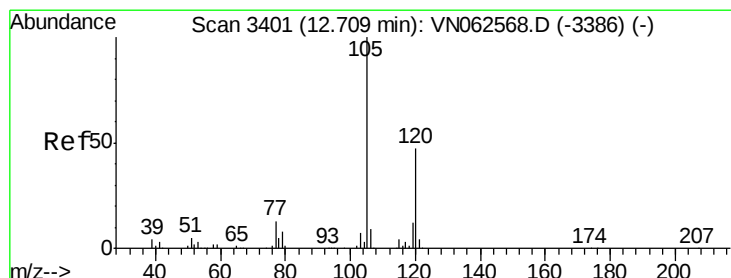
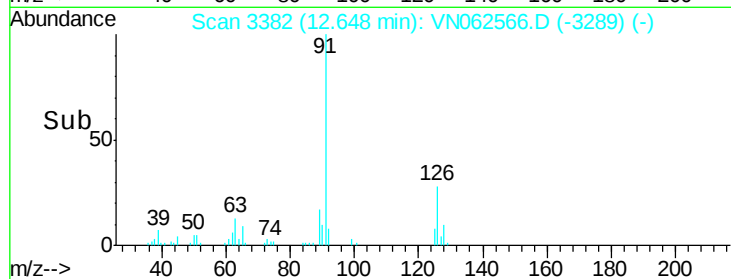
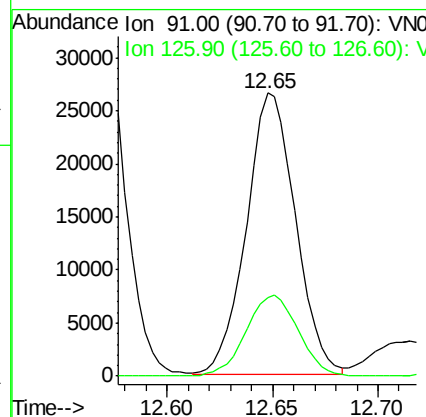
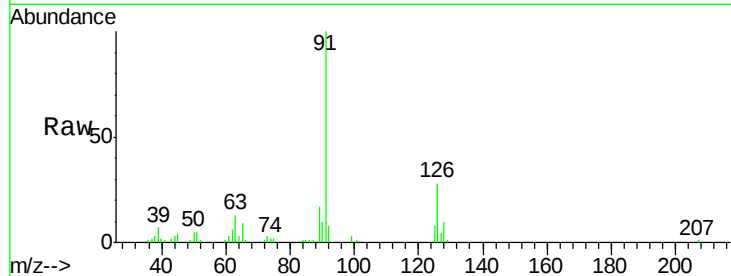




#79
 2-Chlorotoluene
 Concen: 5.635 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

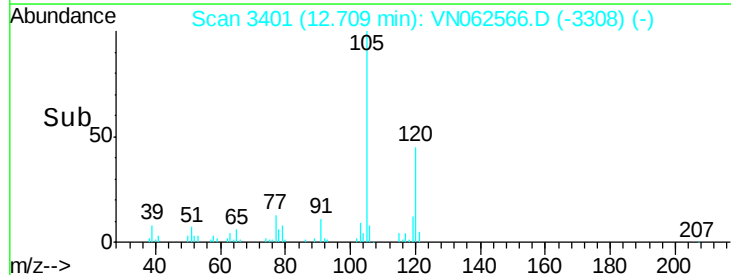
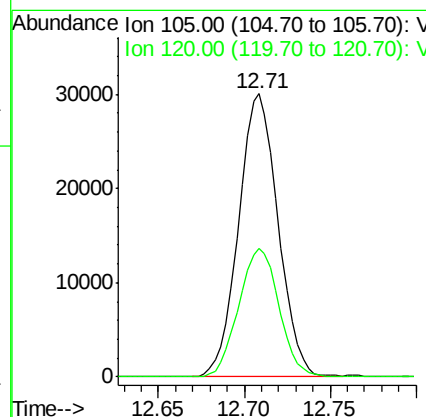
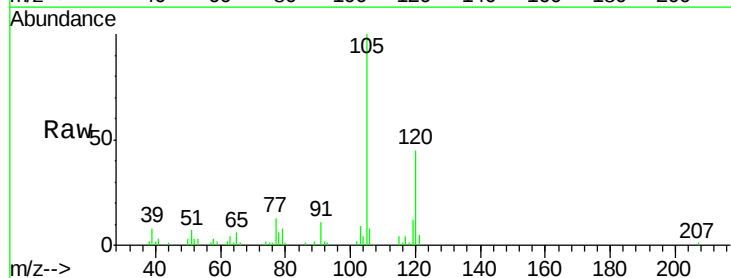
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

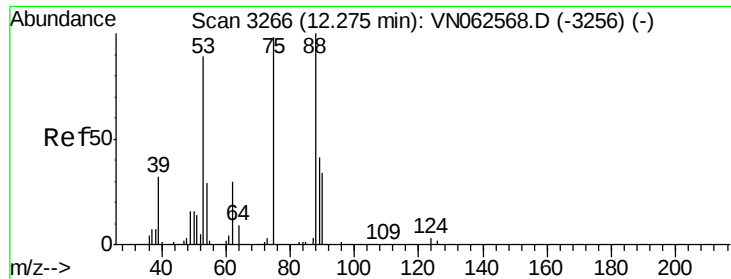
Tgt Ion: 91 Resp: 42912
 Ion Ratio Lower Upper
 91 100
 126 30.5 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 5.412 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion: 105 Resp: 47846
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.927 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

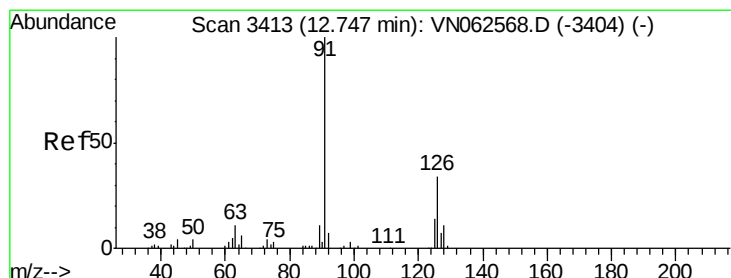
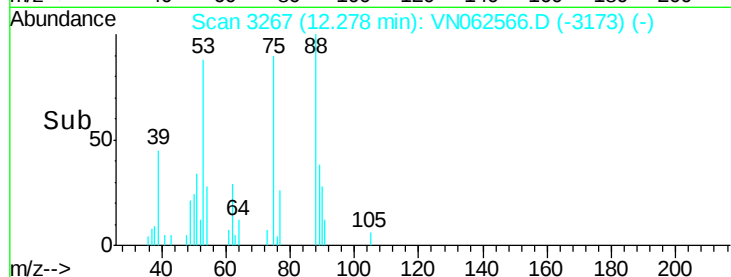
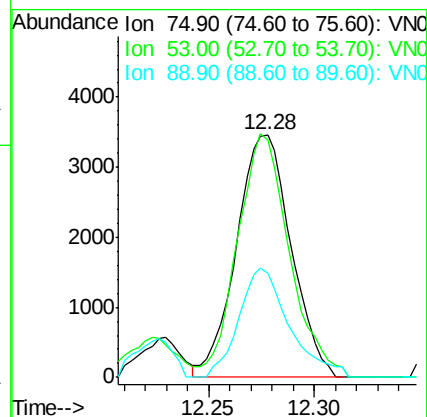
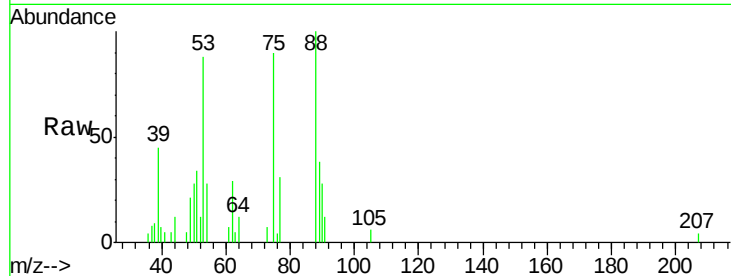
Tgt Ion: 75 Resp: 6231

Ion Ratio Lower Upper

75 100

53 95.4 75.4 113.0

89 41.6 34.5 51.7



#82

4-Chlorotoluene

Concen: 6.182 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062566.D

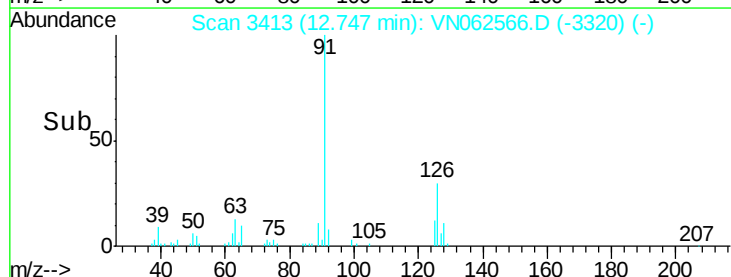
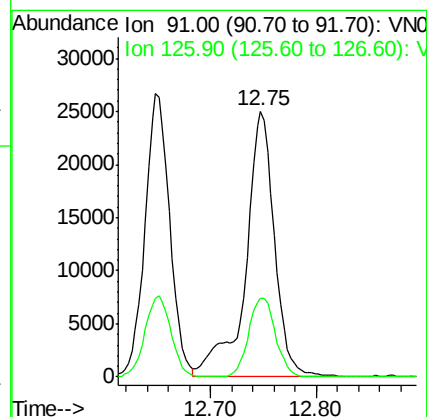
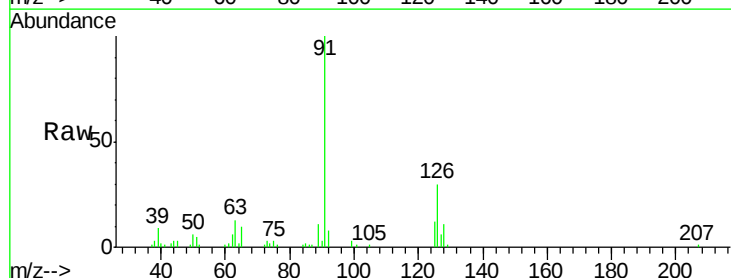
Acq: 21 Jul 2020 11:57

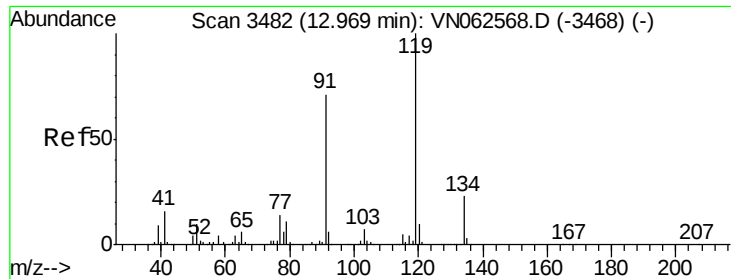
Tgt Ion: 91 Resp: 47845

Ion Ratio Lower Upper

91 100

126 27.4 15.4 46.4

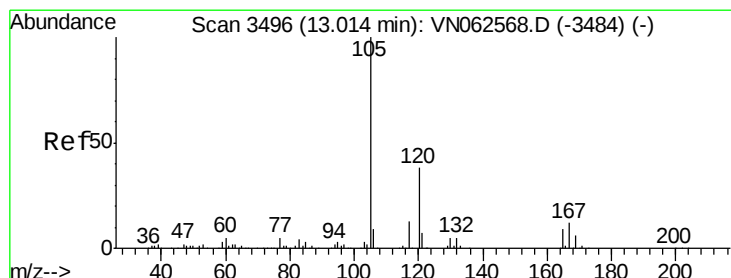
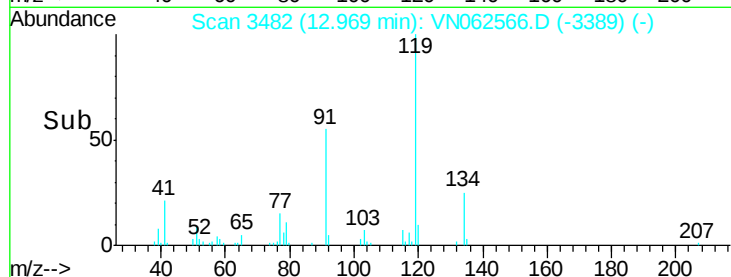
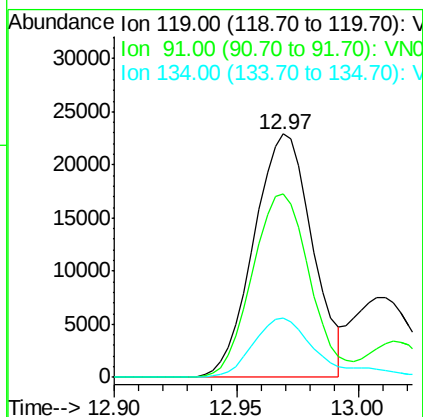
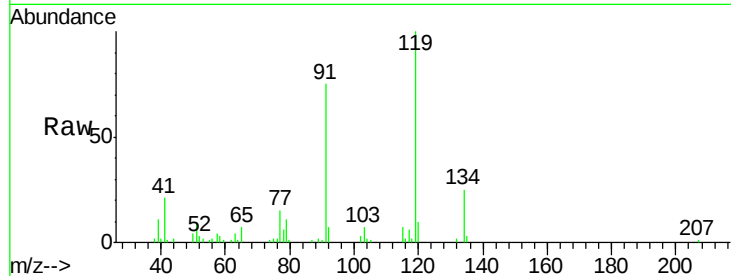




#83
tert-Butylbenzene
Concen: 5.108 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

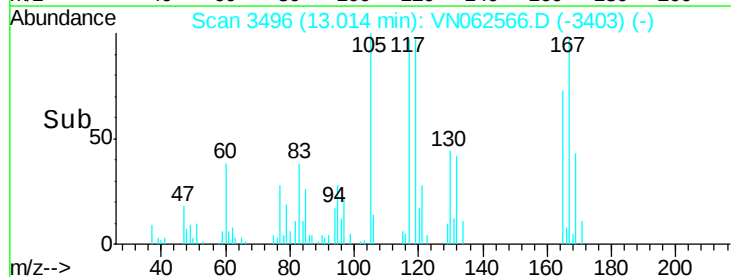
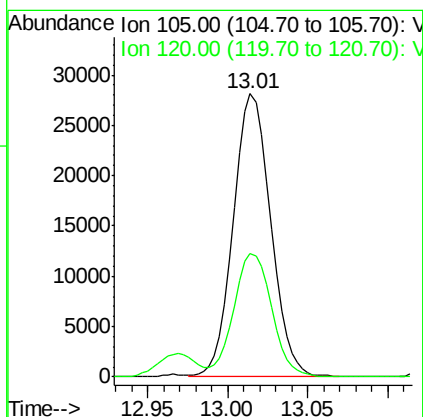
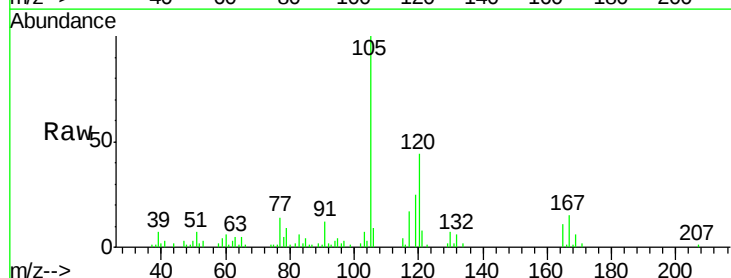
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

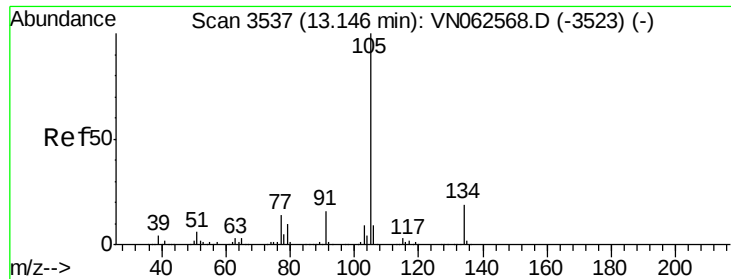
Tgt Ion:119 Resp: 38178
Ion Ratio Lower Upper
119 100
91 74.6 34.6 103.8
134 24.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 5.123 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion:105 Resp: 44880
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.3

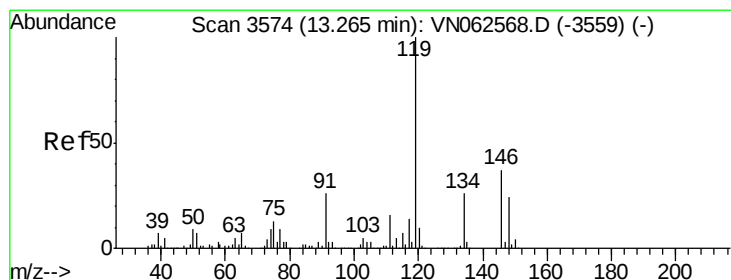
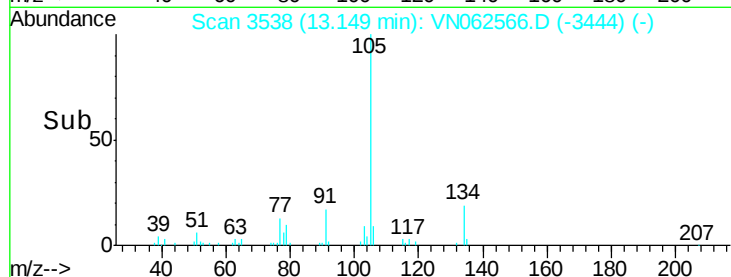
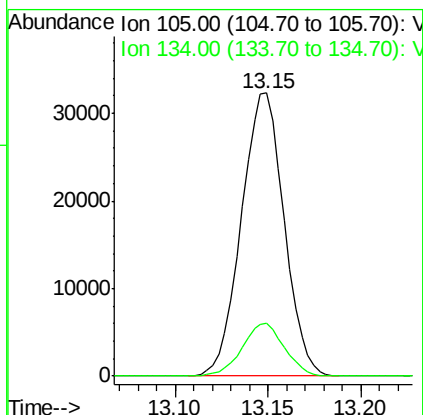
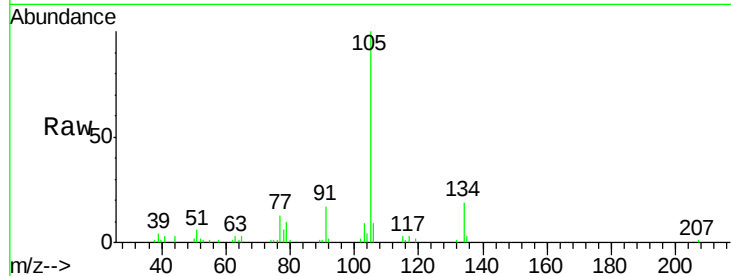




#85
 sec-Butylbenzene
 Concen: 5.249 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

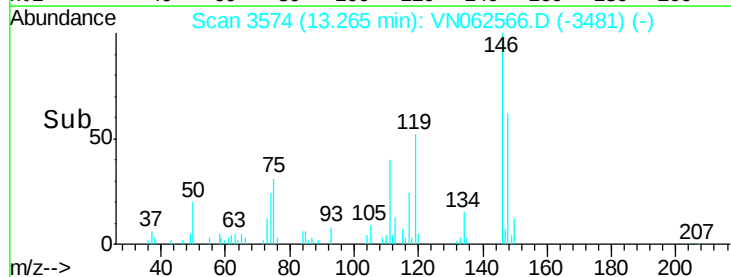
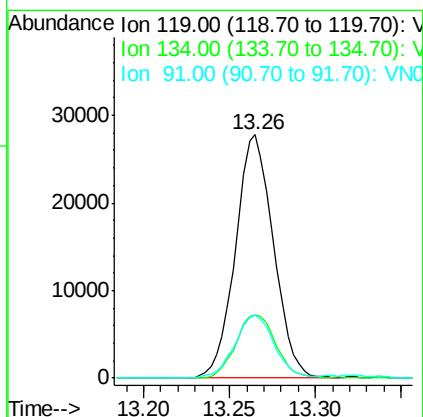
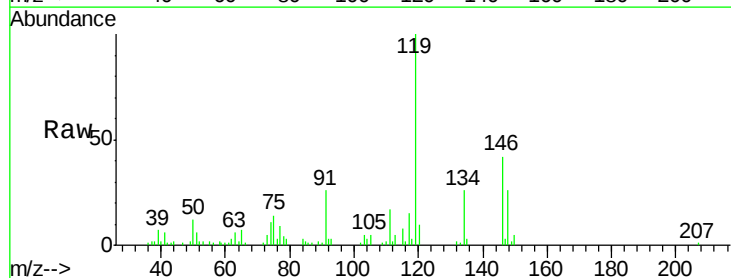
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

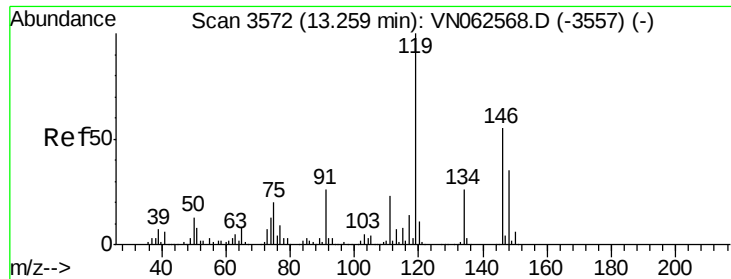
Tgt Ion:105 Resp: 51886
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 4.997 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion:119 Resp: 42624
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.4
 91 27.0 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 5.729 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

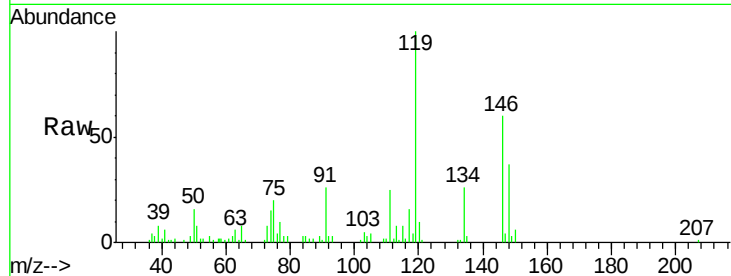
Tgt Ion:146 Resp: 24201

Ion Ratio Lower Upper

146 100

111 40.3 21.6 64.6

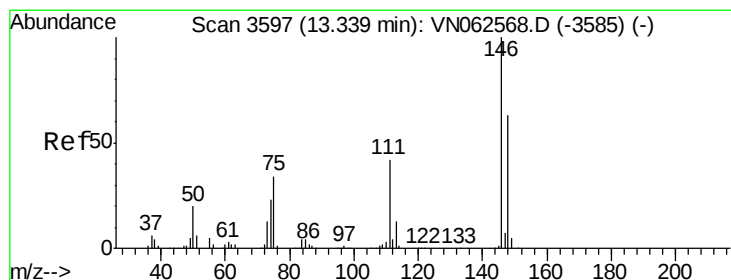
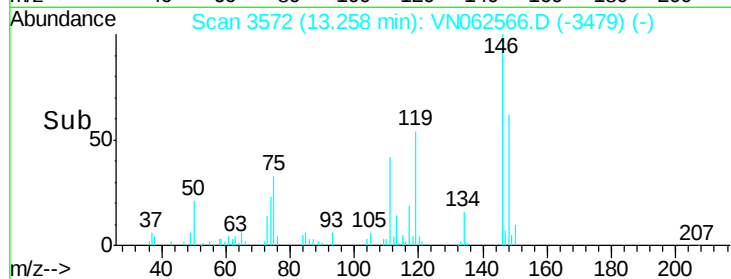
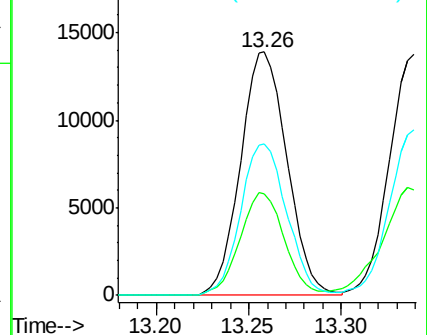
148 61.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.458 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

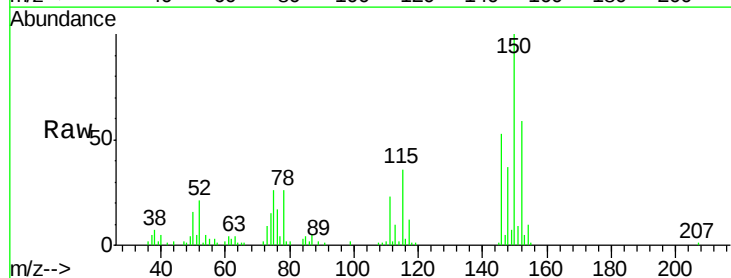
Tgt Ion:146 Resp: 23682

Ion Ratio Lower Upper

146 100

111 49.3 21.1 63.1

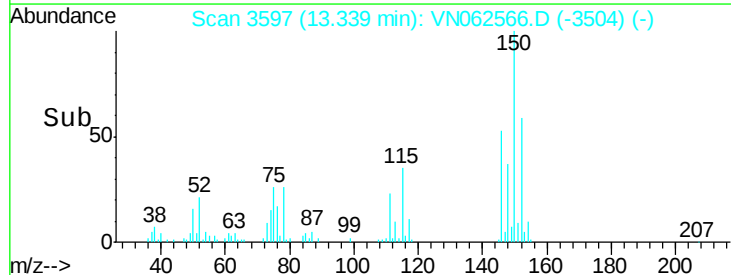
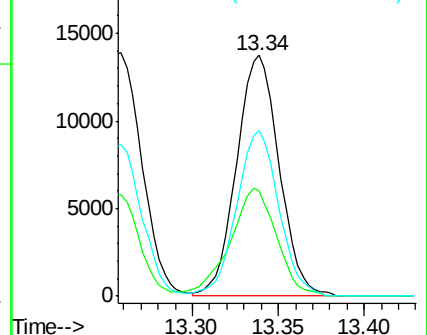
148 68.2 31.6 94.8

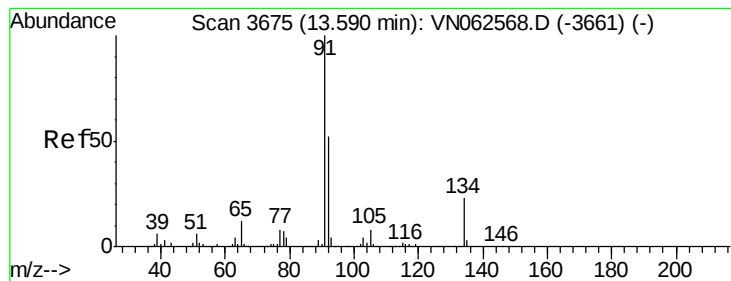


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.535 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

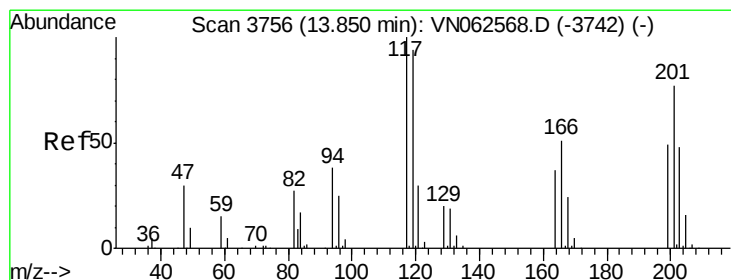
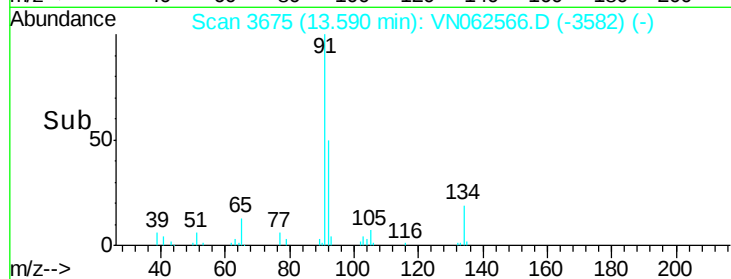
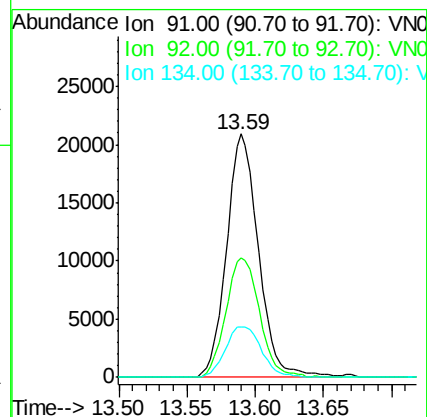
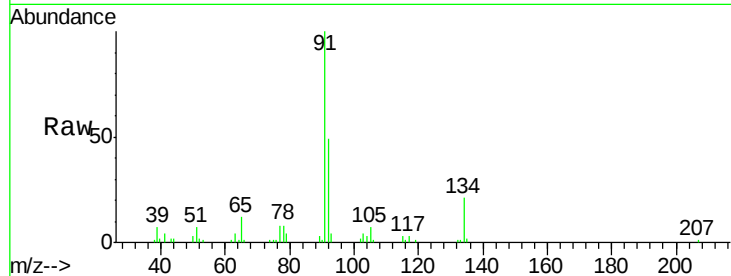
Tgt Ion: 91 Resp: 33998

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

134 23.5 11.8 35.3



#90

Hexachloroethane

Concen: 5.932 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062566.D

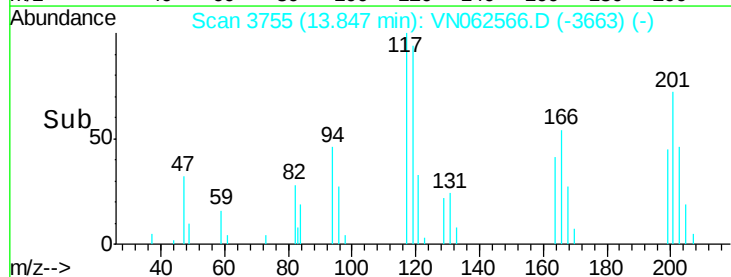
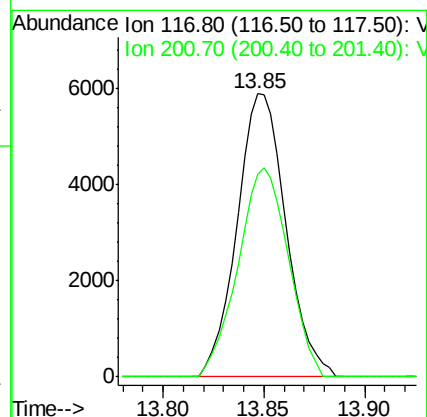
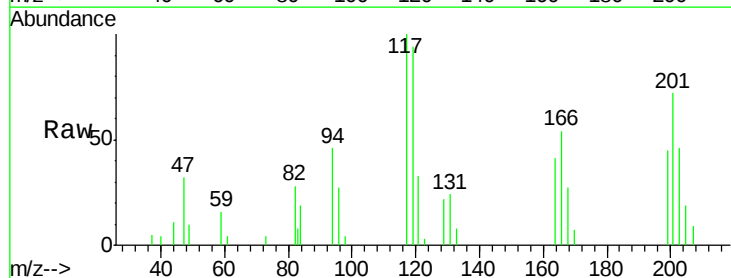
Acq: 21 Jul 2020 11:57

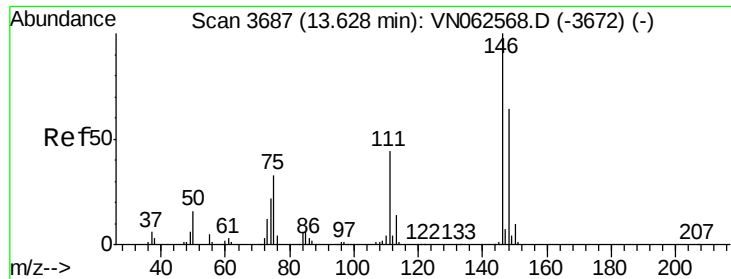
Tgt Ion: 117 Resp: 9982

Ion Ratio Lower Upper

117 100

201 75.8 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 5.738 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

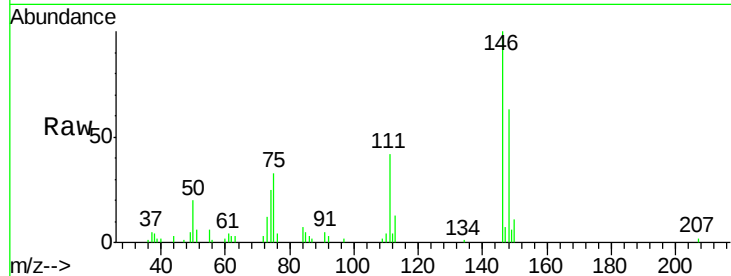
Tgt Ion: 146 Resp: 23479

Ion Ratio Lower Upper

146 100

111 42.4 21.9 65.8

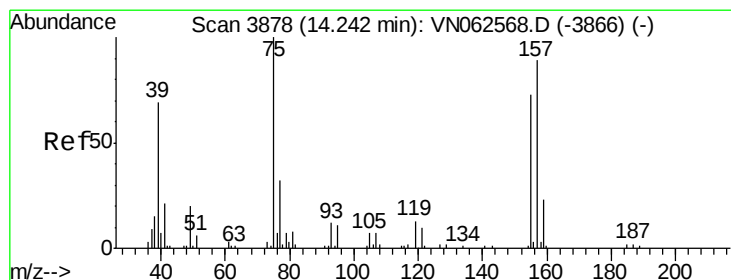
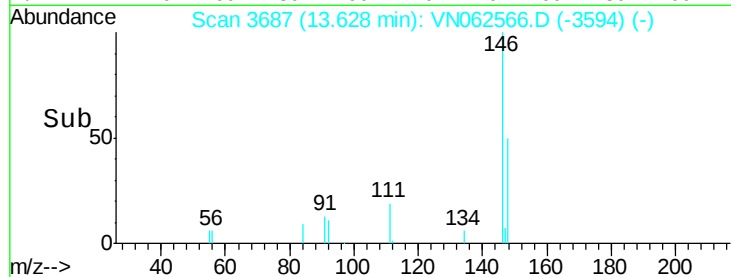
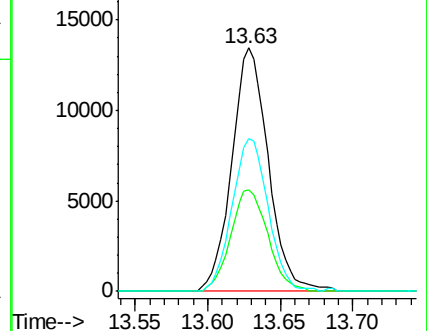
148 62.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.942 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062566.D

Acq: 21 Jul 2020 11:57

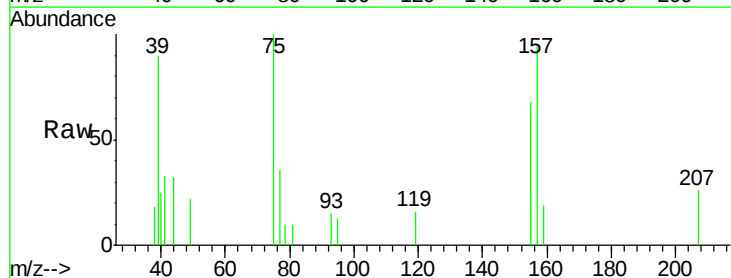
Tgt Ion: 75 Resp: 3244

Ion Ratio Lower Upper

75 100

155 68.5 35.9 107.5

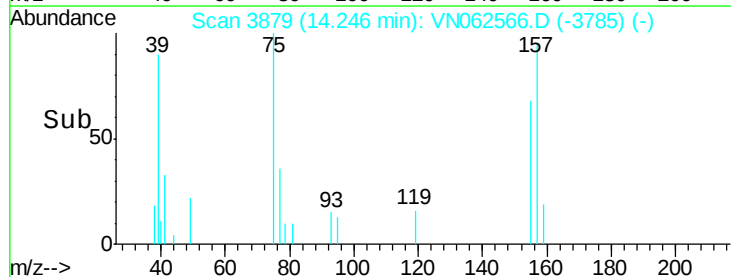
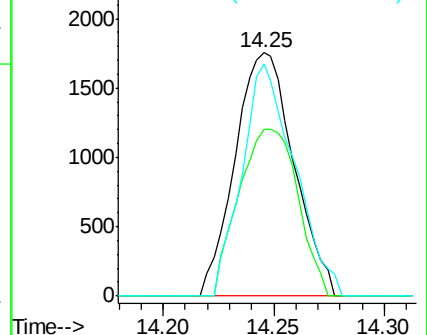
157 85.3 45.0 135.0

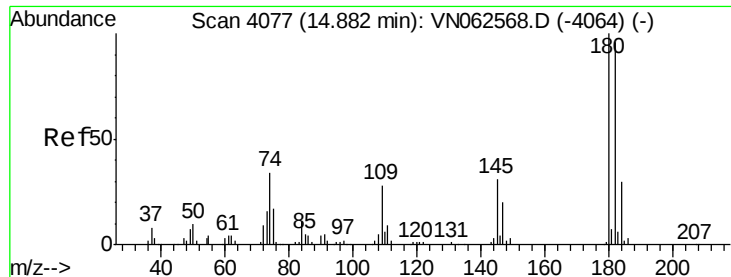


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

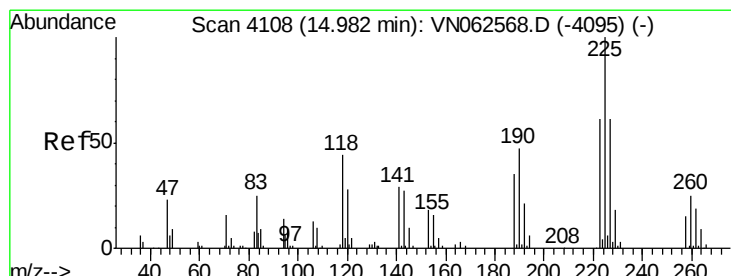
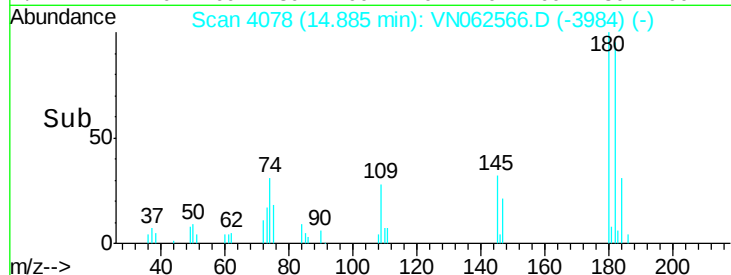
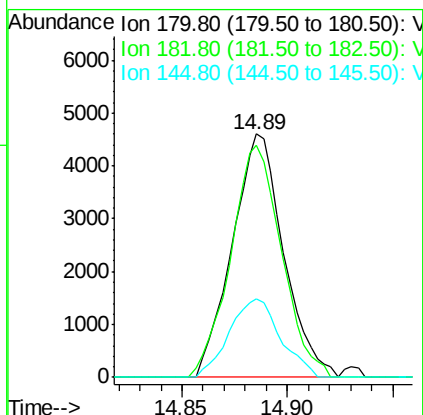
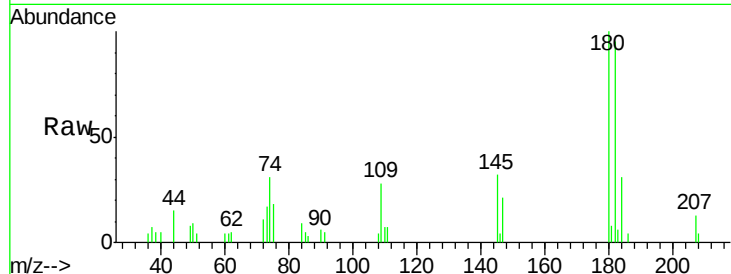




#93
 1,2,4-Trichlorobenzene
 Concen: 4.239 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

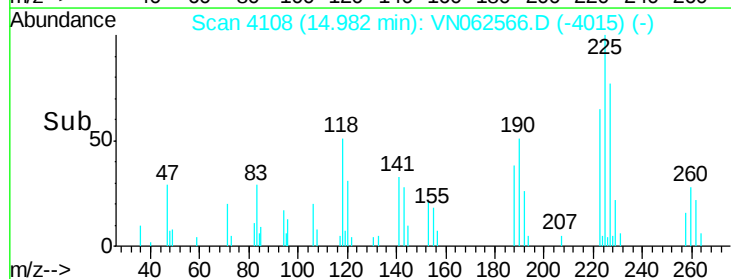
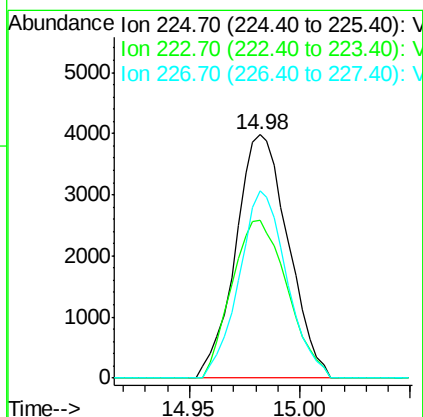
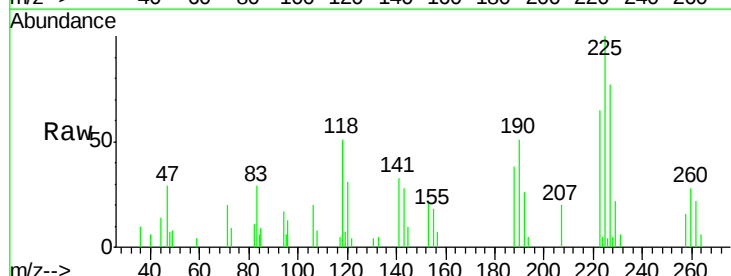
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

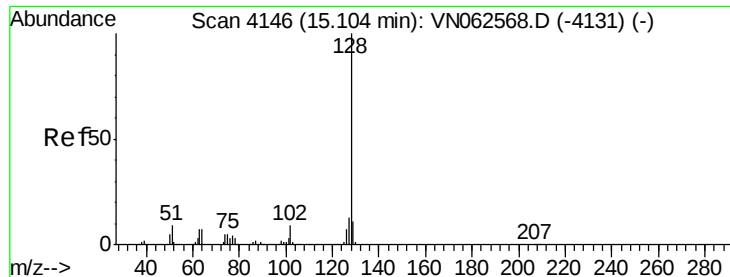
Tgt Ion:180 Resp: 7785
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 32.2 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 5.977 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062566.D
 Acq: 21 Jul 2020 11:57

Tgt Ion:225 Resp: 6557
 Ion Ratio Lower Upper
 225 100
 223 68.7 32.0 96.0
 227 70.1 31.1 93.2

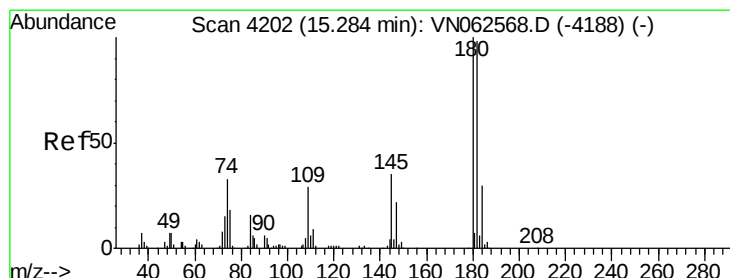
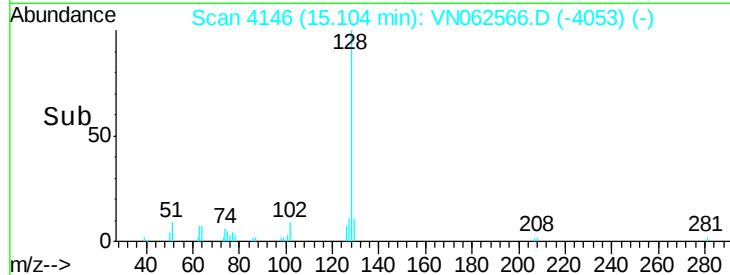
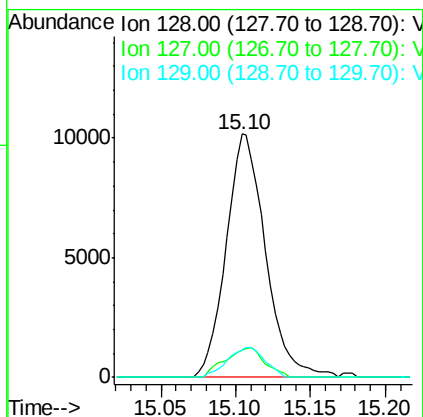
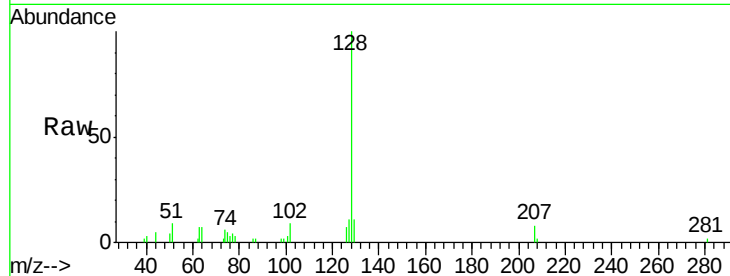




#95
Naphthalene
Concen: 3.631 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion:128 Resp: 18675
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.396 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.00 min
Lab File: VN062566.D
Acq: 21 Jul 2020 11:57

Tgt Ion:180 Resp: 8401
Ion Ratio Lower Upper
180 100
182 93.7 48.1 144.3
145 29.9 16.7 50.1

