

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062969.D
 Acq On : 17 Aug 2020 13:50
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 17 15:01:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	16830	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	
35) Dibromofluoromethane	7.55	113	13265	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
50) Toluene-d8	10.06	98	49810	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	
62) 4-Bromofluorobenzene	12.38	95	12911	3.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	6.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	8805	2.609	ug/l 95
3) Chloromethane	2.03	50	10821	3.367	ug/l 100
4) Vinyl Chloride	2.16	62	14227	4.478	ug/l 98
5) Bromomethane	2.51	94	10190	4.836	ug/l 99
6) Chloroethane	2.66	64	10927	5.244	ug/l 96
7) Trichlorofluoromethane	2.98	101	20436	3.777	ug/l 99
8) Diethyl Ether	3.37	74	6513	4.237	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	10619	4.396	ug/l 100
10) Methyl Iodide	3.91	142	13748	5.093	ug/l 99
11) Tert butyl alcohol	4.73	59	13472	22.159	ug/l # 79
12) 1,1-Dichloroethene	3.69	96	10011	4.368	ug/l 95
13) Acrolein	3.57	56	5842	15.483	ug/l 96
14) Allyl chloride	4.28	41	16372	3.966	ug/l 97
15) Acrylonitrile	4.93	53	26145	17.728	ug/l 97
16) Acetone	3.78	43	20191	14.701	ug/l 94
17) Carbon Disulfide	4.01	76	30440	4.510	ug/l 98
18) Methyl Acetate	4.28	43	13073	3.534	ug/l 94
19) Methyl tert-butyl Ether	4.99	73	29865	3.310	ug/l 97
20) Methylene Chloride	4.50	84	14045	4.798	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	11138	4.625	ug/l 95
22) Diisopropyl ether	5.90	45	40889	4.676	ug/l # 75
23) Vinyl Acetate	5.85	43	154308	23.335	ug/l 96
24) 1,1-Dichloroethane	5.79	63	26572	5.155	ug/l 99
25) 2-Butanone	6.79	43	42990	22.214	ug/l 94
26) 2,2-Dichloropropane	6.78	77	19660	4.232	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	15075	5.244	ug/l 90
28) Bromochloromethane	7.15	49	12714	5.101	ug/l # 84
29) Tetrahydrofuran	7.17	42	28109	22.306	ug/l 88
30) Chloroform	7.33	83	26347	4.850	ug/l 95
31) Cyclohexane	7.62	56	23951	5.097	ug/l # 80
32) 1,1,1-Trichloroethane	7.53	97	21163	4.417	ug/l 96
36) 1,1-Dichloropropene	7.75	75	18021	5.038	ug/l 94
37) Ethyl Acetate	6.89	43	18519	5.044	ug/l # 95
38) Carbon Tetrachloride	7.73	117	19293	4.573	ug/l 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062969.D
 Acq On : 17 Aug 2020 13:50
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 17 15:01:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	19180	4.355	ug/l	94
40) Benzene	8.00	78	57959	5.335	ug/l	97
41) Methacrylonitrile	7.13	41	5927	3.665	ug/l #	68
42) 1,2-Dichloroethane	8.09	62	20467	4.613	ug/l	97
43) Isopropyl Acetate	8.13	43	27194	4.449	ug/l #	87
44) Trichloroethene	8.80	130	14773	5.490	ug/l	92
45) 1,2-Dichloropropane	9.08	63	16187	5.550	ug/l	99
46) Dibromomethane	9.18	93	10124	5.292	ug/l	91
47) Bromodichloromethane	9.37	83	20285	4.798	ug/l	97
48) Methyl methacrylate	9.17	41	13494	4.503	ug/l #	84
49) 1,4-Dioxane	9.17	88	4787	85.142	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	85950	21.769	ug/l	91
52) Toluene	10.13	92	33383	4.968	ug/l	96
53) t-1,3-Dichloropropene	10.36	75	18307	3.953	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	21447	4.539	ug/l #	89
55) 1,1,2-Trichloroethane	10.53	97	11667	4.054	ug/l	97
56) Ethyl methacrylate	10.40	69	14035	3.328	ug/l	100
57) 1,3-Dichloropropane	10.68	76	18396	3.825	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.67	63	20988	17.984	ug/l	92
59) 2-Hexanone	10.72	43	40000	13.653	ug/l	97
60) Dibromochloromethane	10.87	129	12276	3.768	ug/l	99
61) 1,2-Dibromoethane	10.98	107	11410	4.024	ug/l	96
64) Tetrachloroethene	10.60	164	11304	5.834	ug/l	96
65) Chlorobenzene	11.41	112	30101	4.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	11977	4.875	ug/l	96
67) Ethyl Benzene	11.48	91	47424	4.359	ug/l	96
68) m/p-Xylenes	11.60	106	36484	9.148	ug/l	98
69) o-Xylene	11.92	106	16916	4.536	ug/l	98
70) Styrene	11.94	104	27389	4.181	ug/l	98
71) Bromoform	12.10	173	9574	4.717	ug/l #	94
73) Isopropylbenzene	12.22	105	43966	4.614	ug/l	100
74) N-amyl acetate	12.05	43	13625	3.667	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	15648	4.670	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	18569	5.550	ug/l #	100
77) Bromobenzene	12.50	156	12869	5.298	ug/l	97
78) n-propylbenzene	12.57	91	47780	4.287	ug/l	98
79) 2-Chlorotoluene	12.65	91	30874	4.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	36266	4.396	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	4413	4.059	ug/l	98
82) 4-Chlorotoluene	12.75	91	30202	4.204	ug/l	98
83) tert-Butylbenzene	12.97	119	32207	4.592	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	33533	4.246	ug/l	100
85) sec-Butylbenzene	13.15	105	41096	4.467	ug/l	100
86) p-Isopropyltoluene	13.26	119	34503	4.221	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	20968	4.871	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	21705	5.011	ug/l	96
89) n-Butylbenzene	13.59	91	26086	3.799	ug/l	96
90) Hexachloroethane	13.85	117	7991	4.569	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	19937	4.923	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2236	3.233	ug/l	94

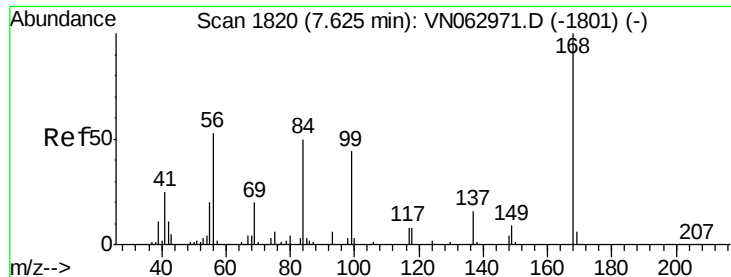
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
Data File : VN062969.D
Acq On : 17 Aug 2020 13:50
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Aug 17 15:01:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 14:58:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	6118	3.191	ug/l	98
94) Hexachlorobutadiene	14.99	225	8071	5.614	ug/l	97
95) Naphthalene	15.11	128	13130	2.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	6687	3.604	ug/l	99

(#) = 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: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

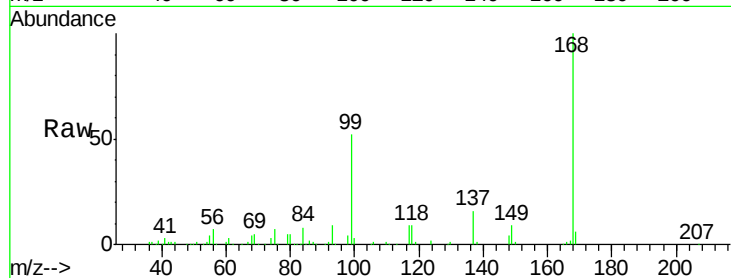
VSTDIC005

Tgt Ion: 168 Resp: 244165

Ion Ratio Lower Upper

168 100

99 51.6 39.4 59.0



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

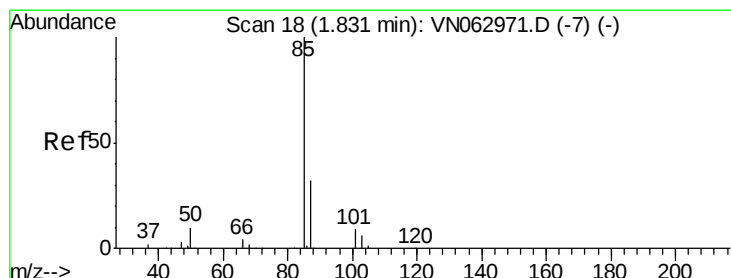
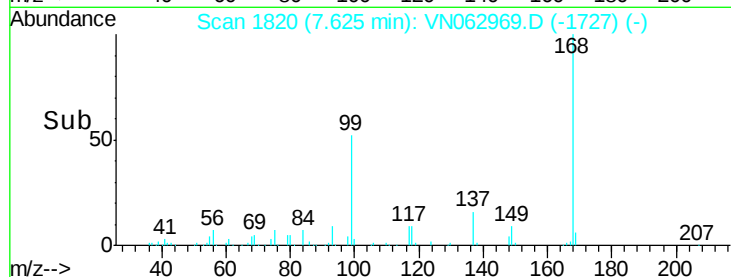
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 2.609 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062969.D

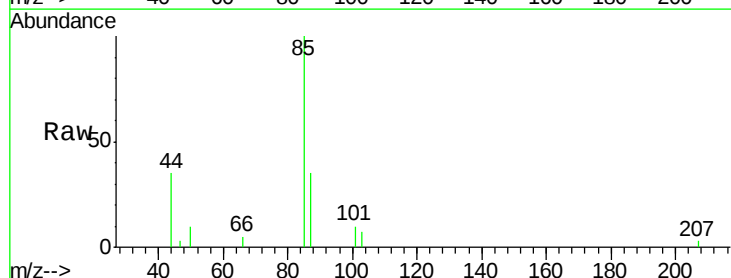
Acq: 17 Aug 2020 13:50

Tgt Ion: 85 Resp: 8805

Ion Ratio Lower Upper

85 100

87 34.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

6000

4000

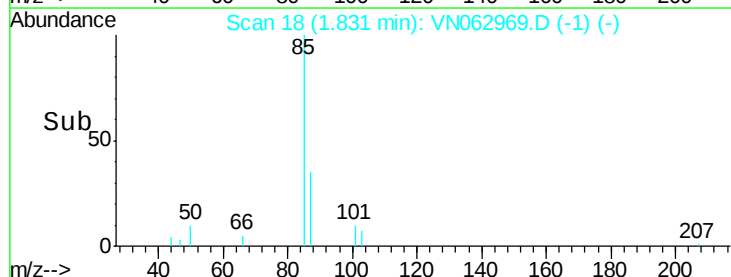
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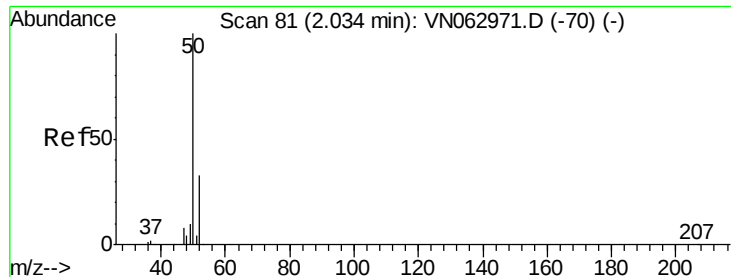
0

Time-->

1.80

1.85





#3

Chloromethane

Concen: 3.367 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

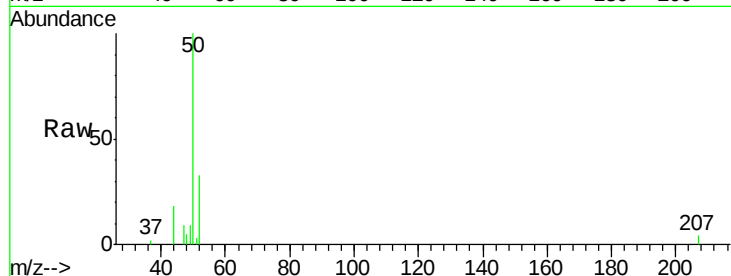
VSTDIC005

Tgt Ion: 50 Resp: 10821

Ion Ratio Lower Upper

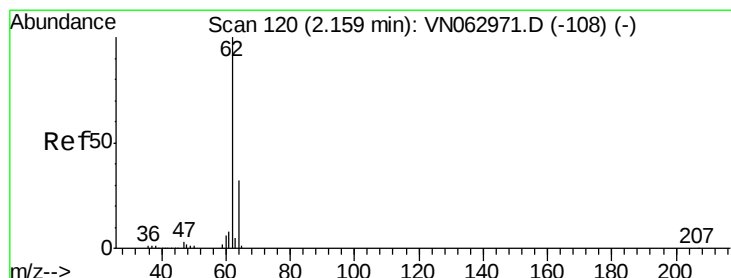
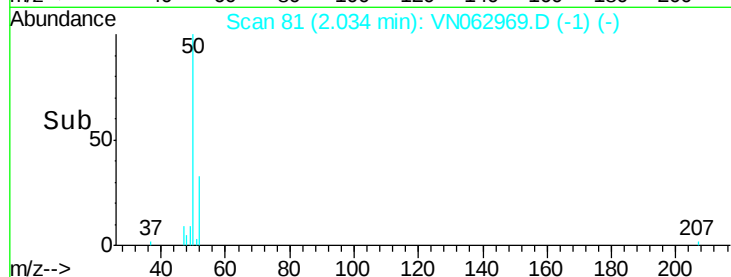
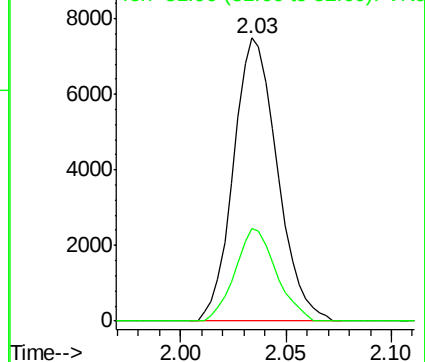
50 100

52 32.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 4.478 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN062969.D

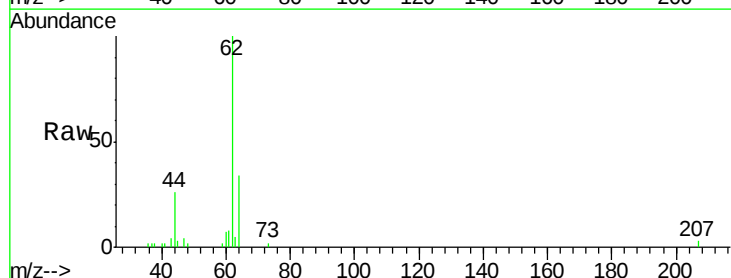
Acq: 17 Aug 2020 13:50

Tgt Ion: 62 Resp: 14227

Ion Ratio Lower Upper

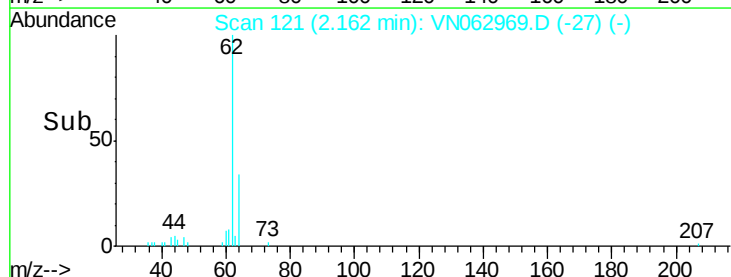
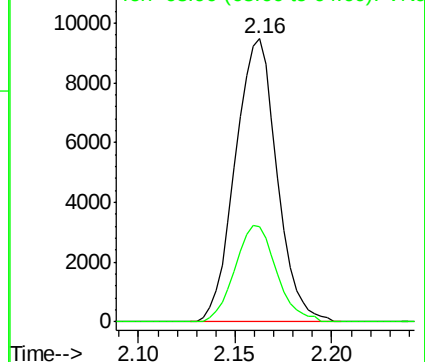
62 100

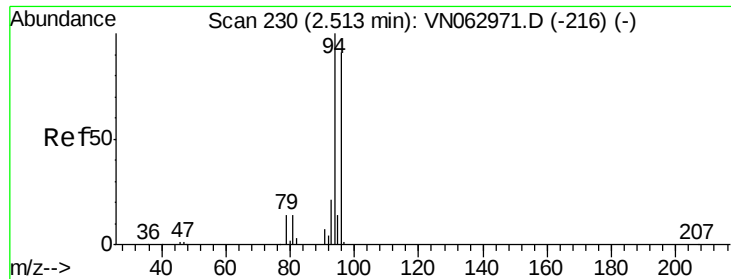
64 33.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

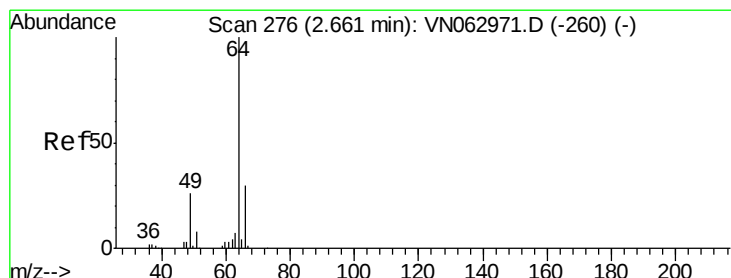
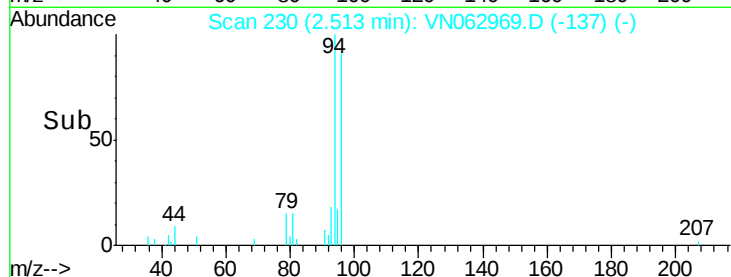
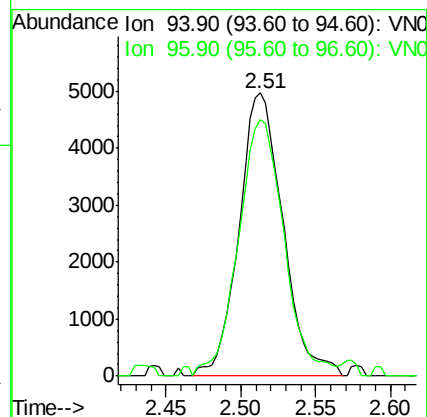
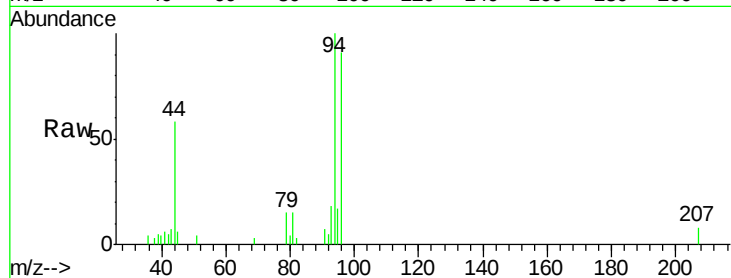




#5
 Bromomethane
 Concen: 4.836 ug/l
 RT: 2.51 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

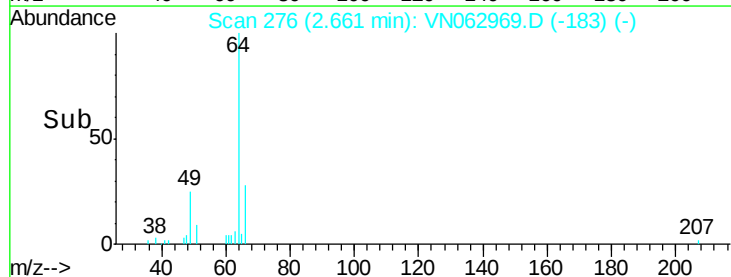
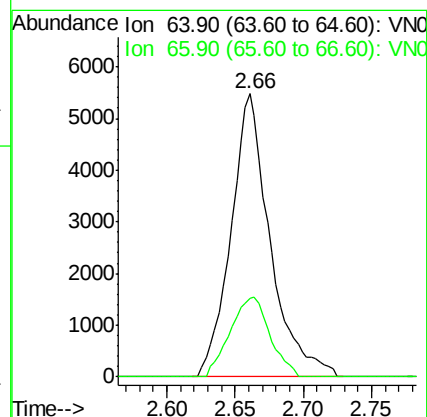
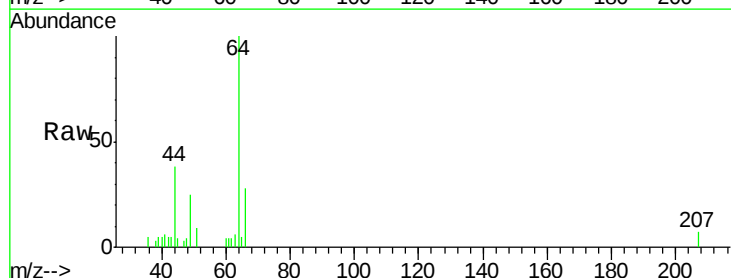
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

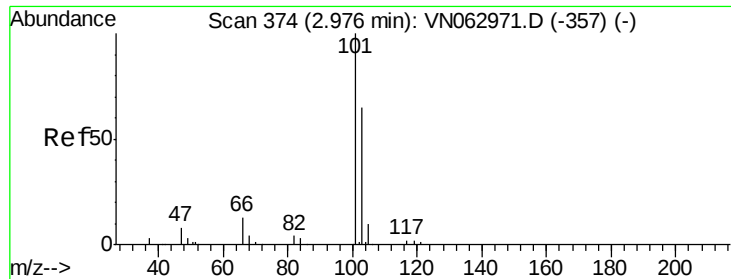
Tgt Ion: 94 Resp: 10190
 Ion Ratio Lower Upper
 94 100
 96 90.6 72.9 109.3



#6
 Chloroethane
 Concen: 5.244 ug/l
 RT: 2.66 min Scan# 276
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 64 Resp: 10927
 Ion Ratio Lower Upper
 64 100
 66 27.7 23.8 35.8



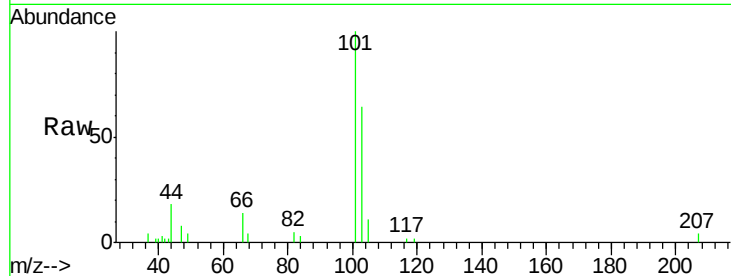


#7

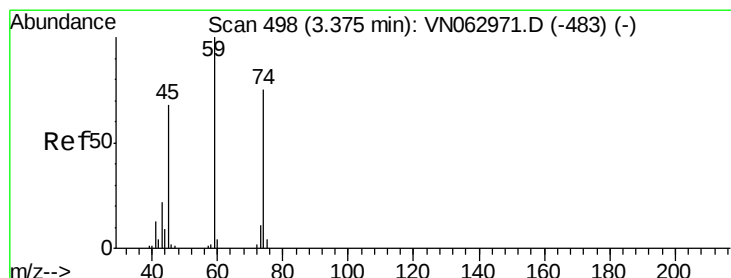
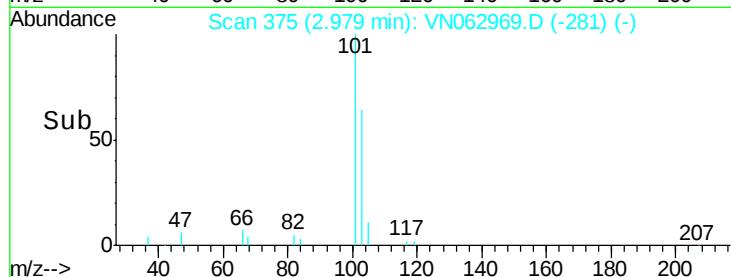
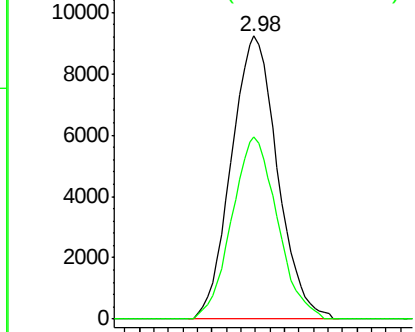
Trichlorofluoromethane
 Concen: 3.777 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 20436
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4



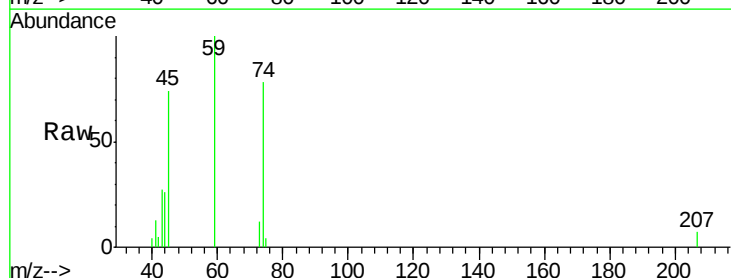
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



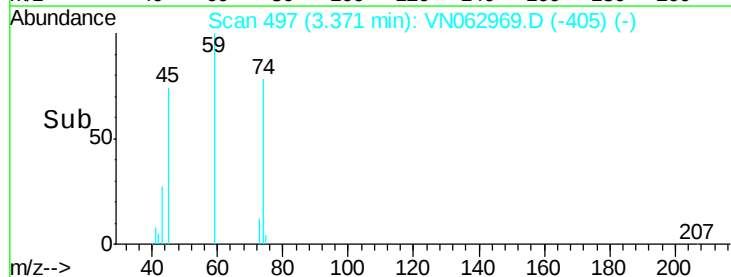
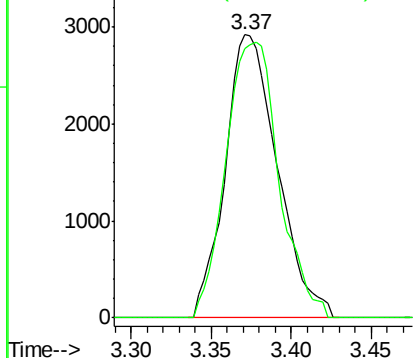
#8

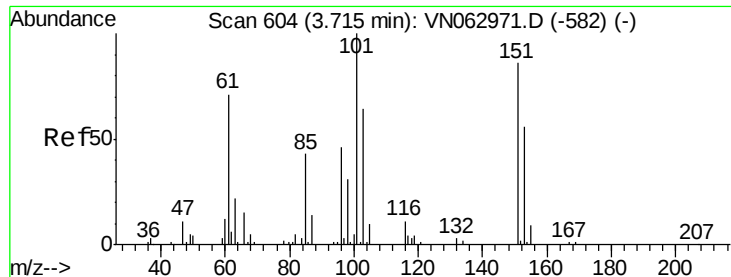
Diethyl Ether
 Concen: 4.237 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 74 Resp: 6513
 Ion Ratio Lower Upper
 74 100
 45 99.2 45.7 137.1



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: 4.396 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

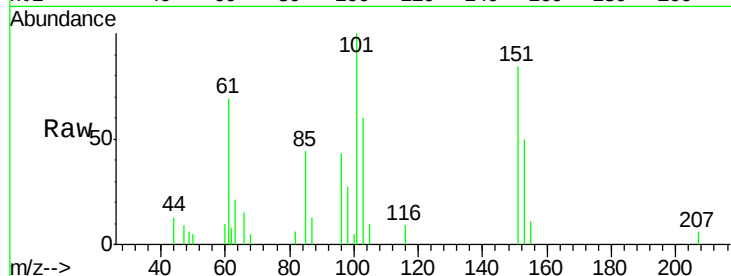
Tgt Ion:101 Resp: 10619

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

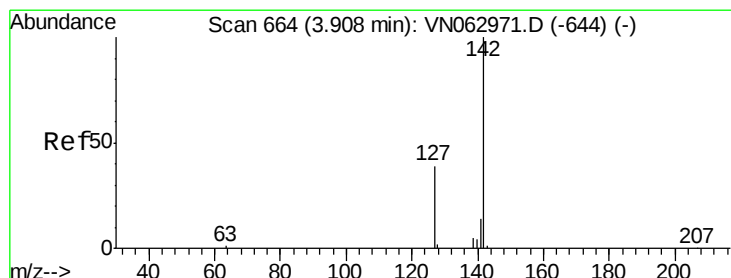
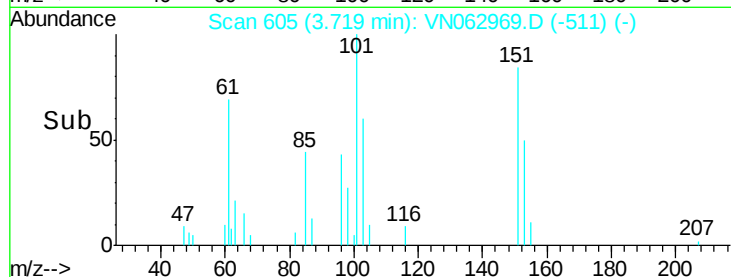
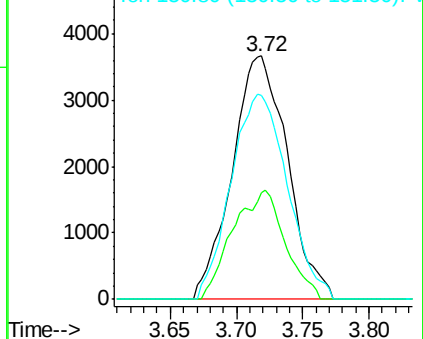
151 86.0 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.093 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

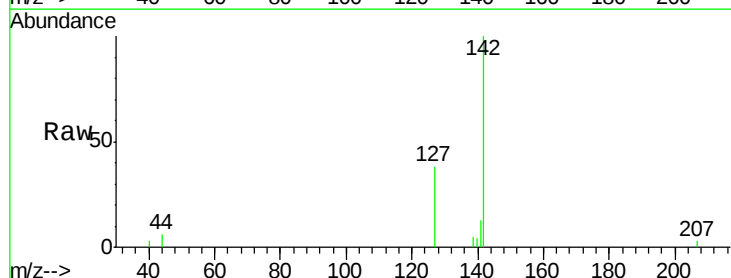
Tgt Ion:142 Resp: 13748

Ion Ratio Lower Upper

142 100

127 39.9 31.9 47.9

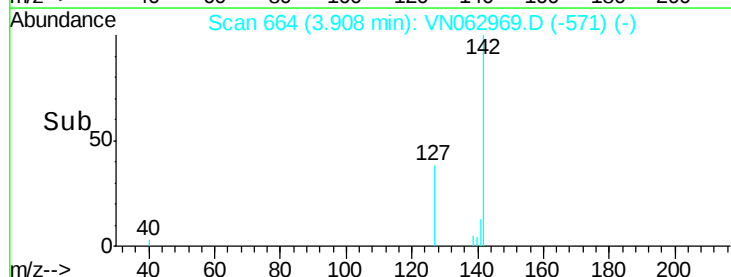
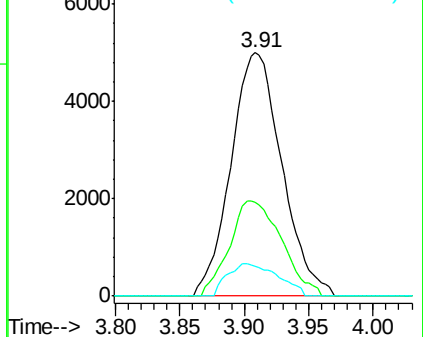
141 13.3 11.4 17.2

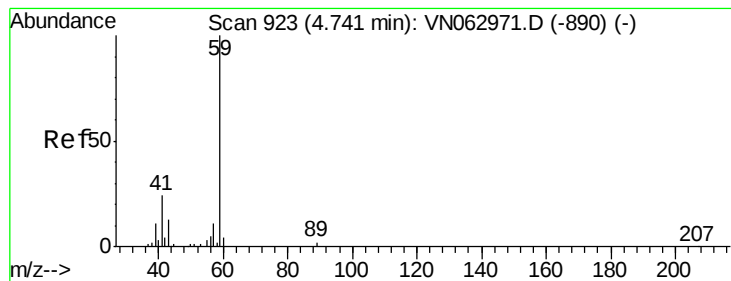


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



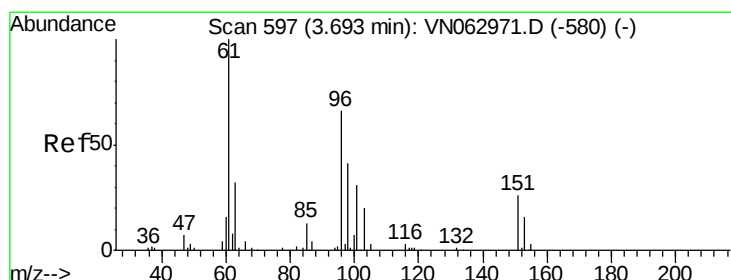
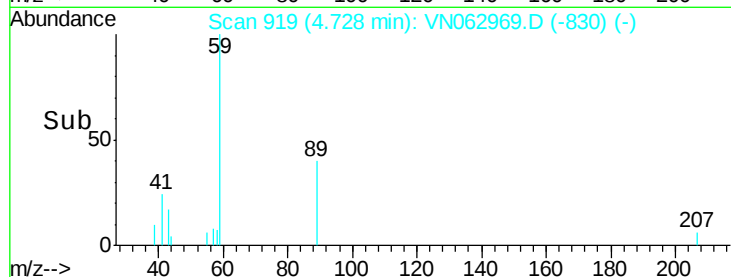
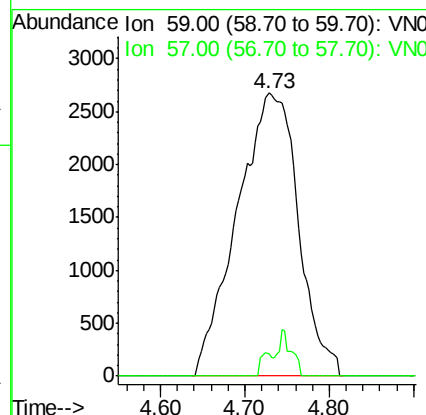
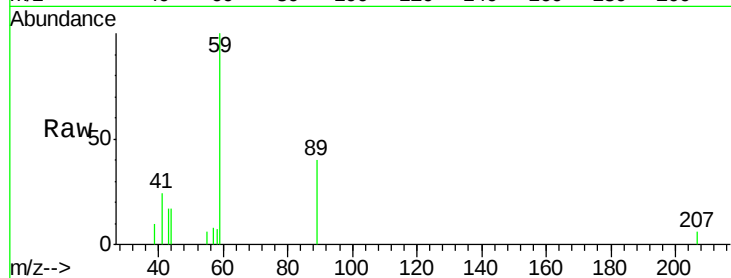


#11

Tert butyl alcohol
 Concen: 22.159 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

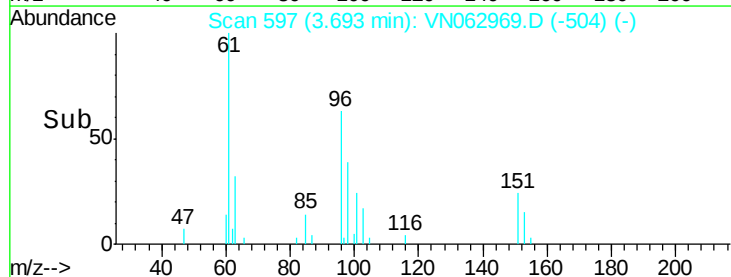
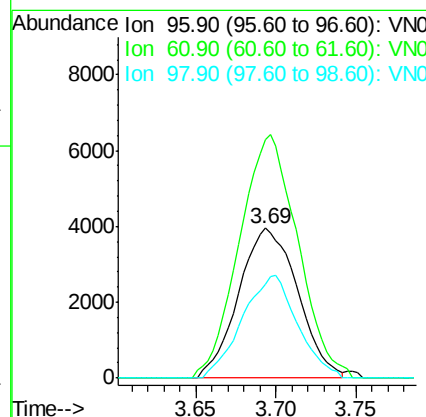
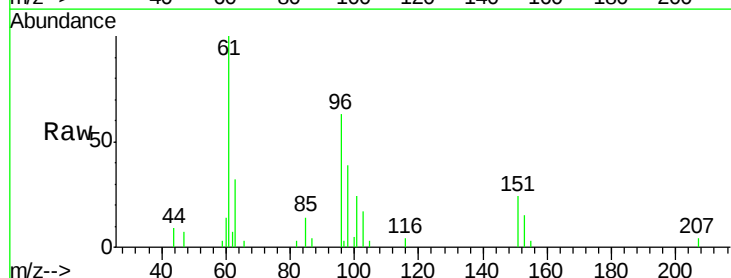
Tgt Ion: 59 Resp: 13472
 Ion Ratio Lower Upper
 59 100
 57 1.6 7.6 11.4#

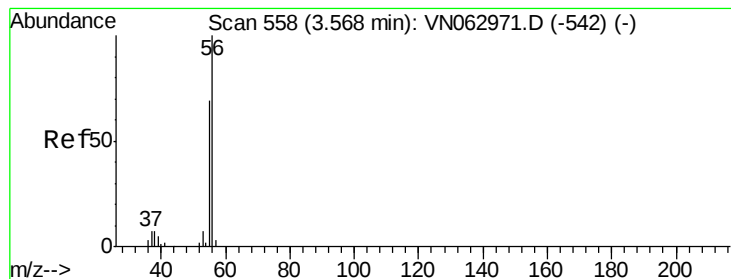


#12

1,1-Dichloroethene
 Concen: 4.368 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 96 Resp: 10011
 Ion Ratio Lower Upper
 96 100
 61 159.4 120.4 180.6
 98 62.7 49.8 74.6





#13

Acrolein

Concen: 15.483 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

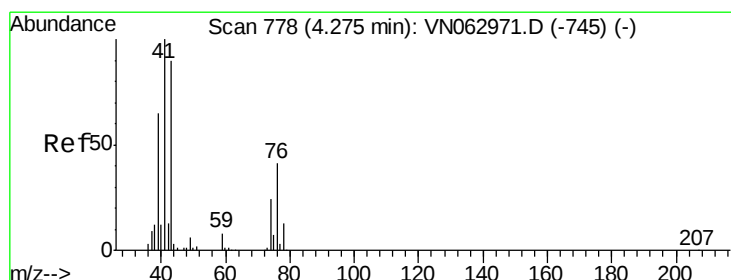
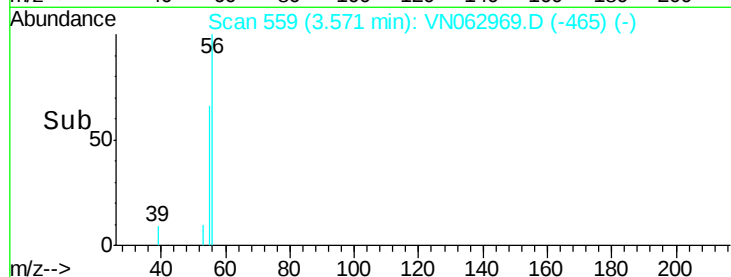
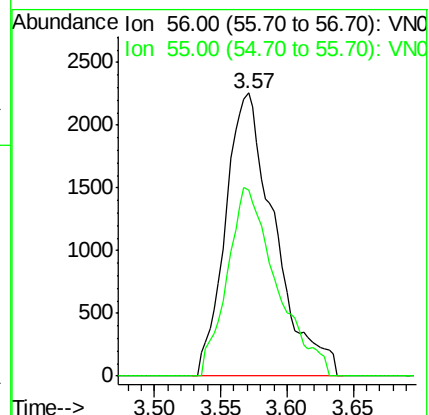
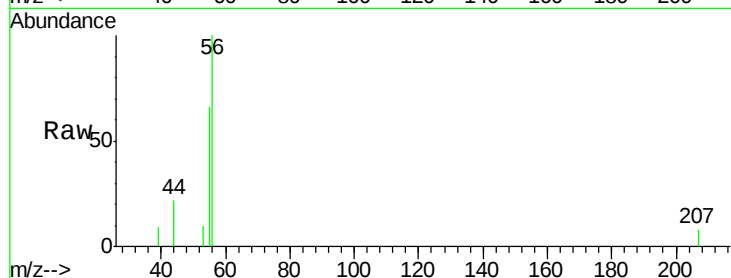
VSTDIC005

Tgt Ion: 56 Resp: 5842

Ion Ratio Lower Upper

56 100

55 66.4 56.1 84.1



#14

Allyl chloride

Concen: 3.966 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

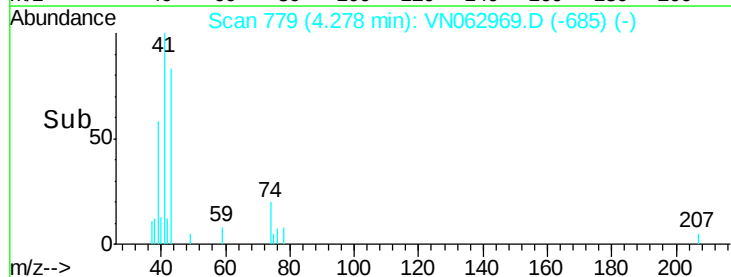
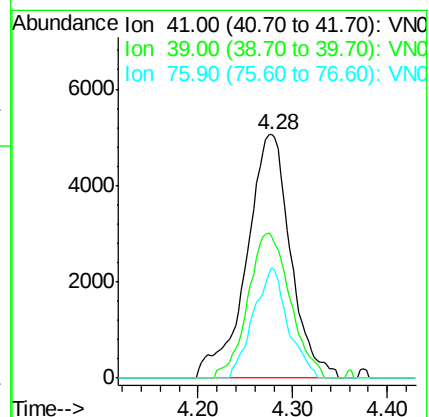
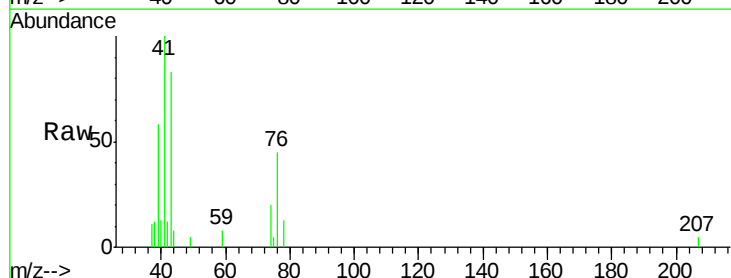
Tgt Ion: 41 Resp: 16372

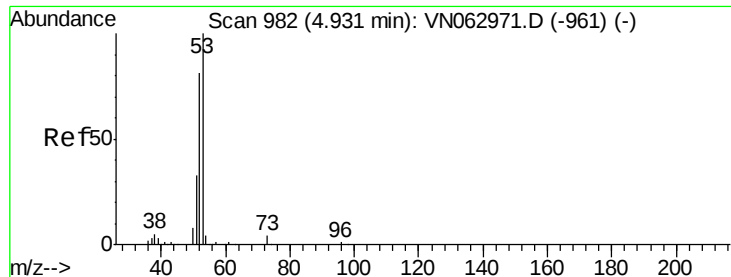
Ion Ratio Lower Upper

41 100

39 56.9 46.7 70.1

76 35.4 30.2 45.4





#15

Acrylonitrile

Concen: 17.728 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

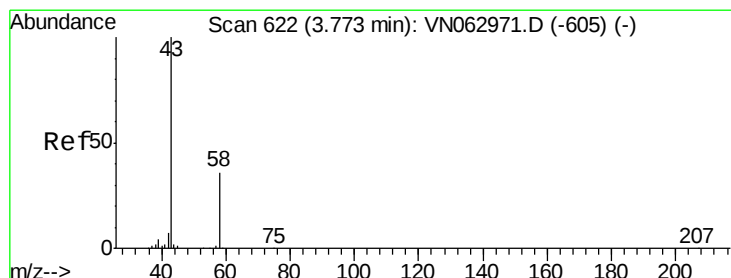
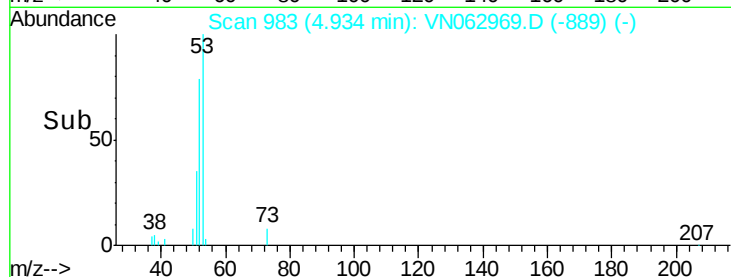
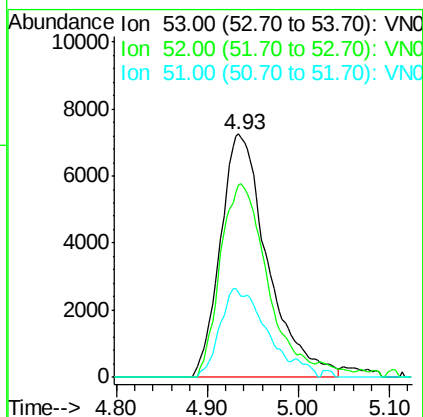
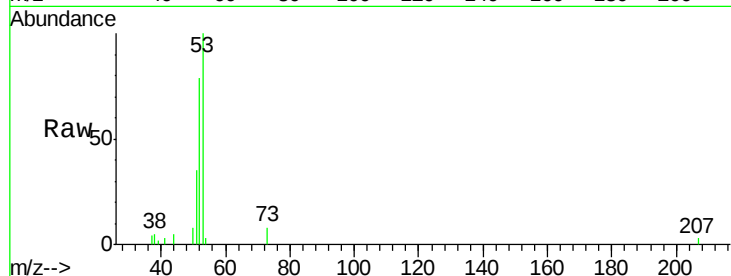
Tgt Ion: 53 Resp: 26145

Ion Ratio Lower Upper

53 100

52 78.3 65.0 97.6

51 33.8 27.4 41.2



#16

Acetone

Concen: 14.701 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062969.D

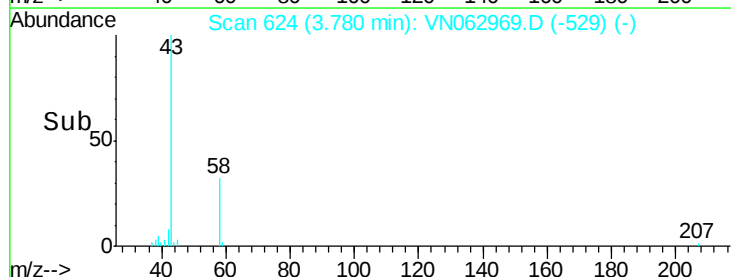
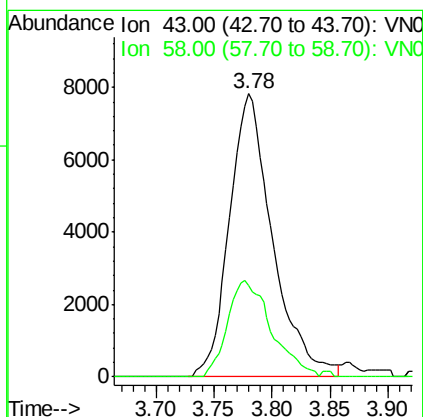
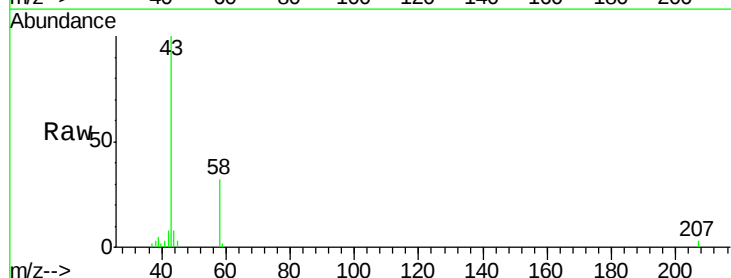
Acq: 17 Aug 2020 13:50

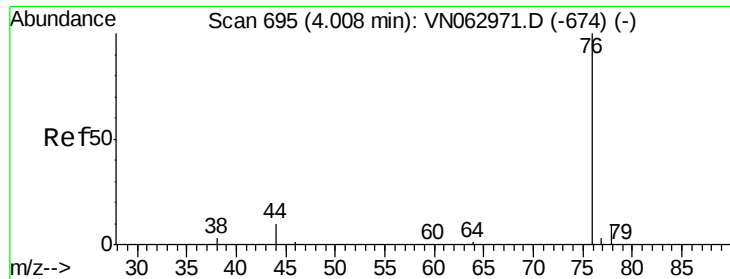
Tgt Ion: 43 Resp: 20191

Ion Ratio Lower Upper

43 100

58 32.5 28.7 43.1

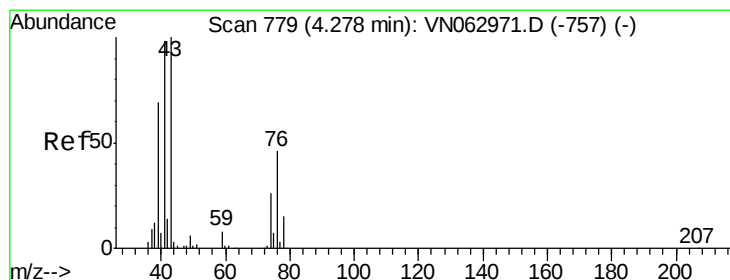
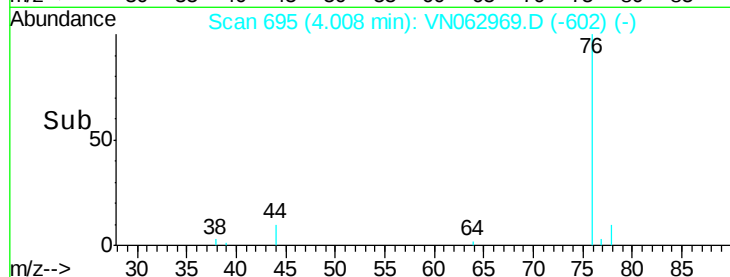
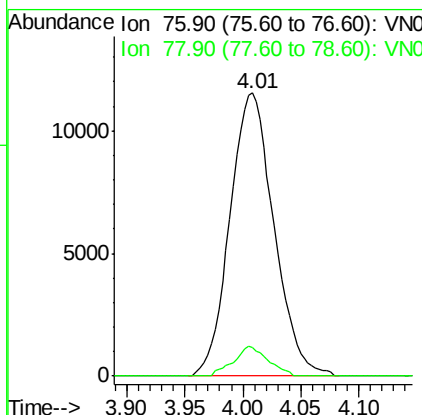
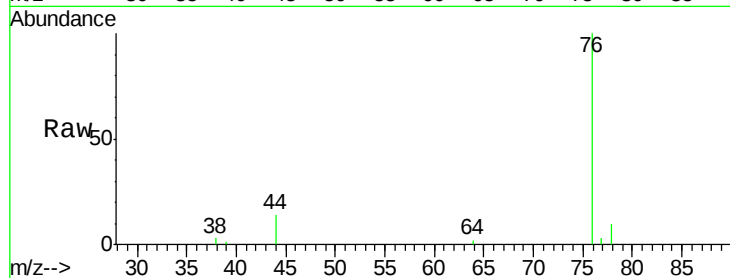




#17
Carbon Disulfide
Concen: 4.510 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

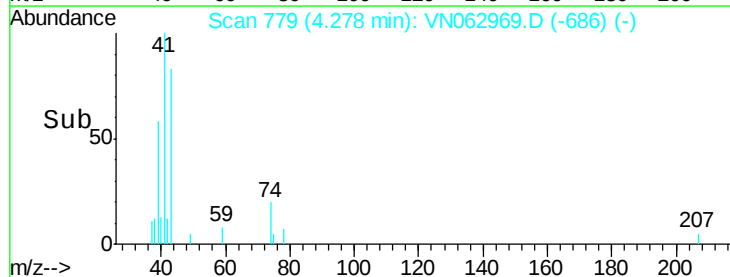
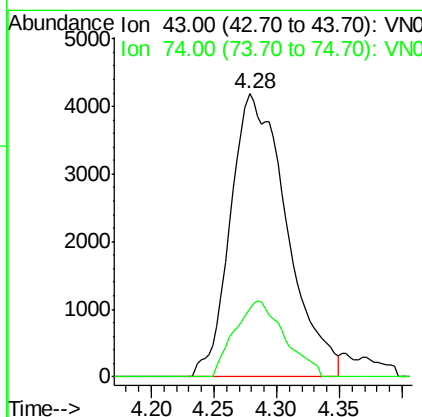
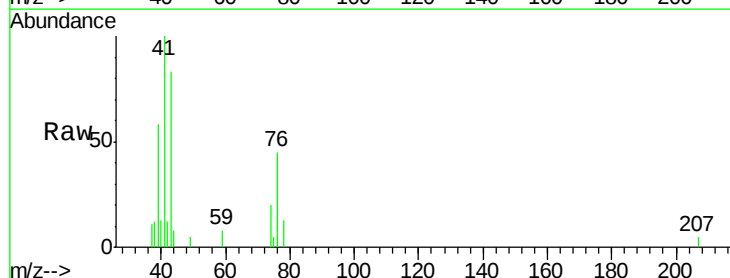
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

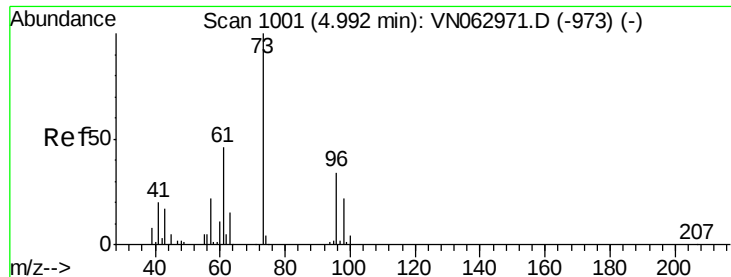
Tgt Ion: 76 Resp: 30440
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 3.534 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 43 Resp: 13073
Ion Ratio Lower Upper
43 100
74 23.8 21.6 32.4



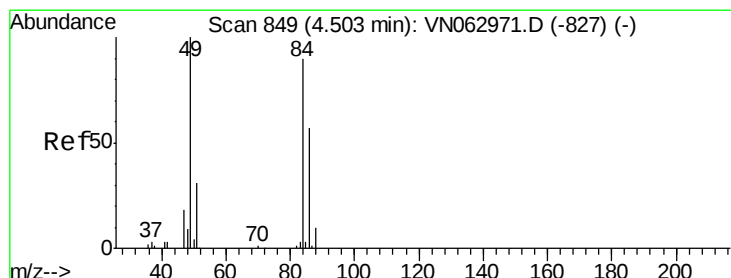
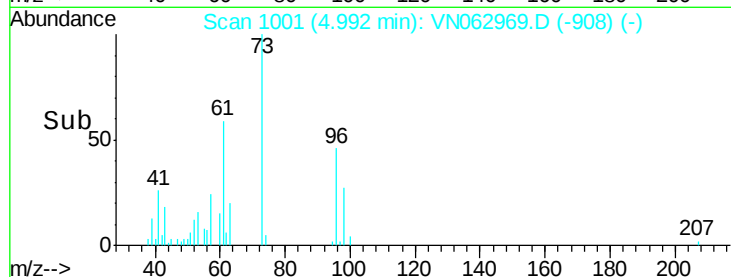
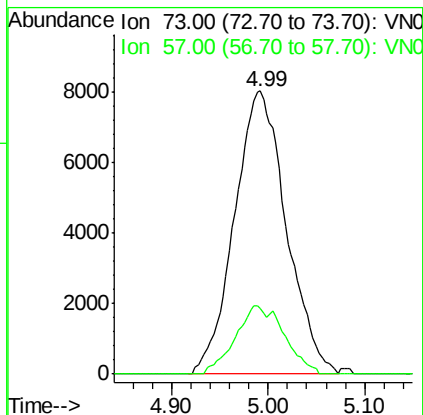
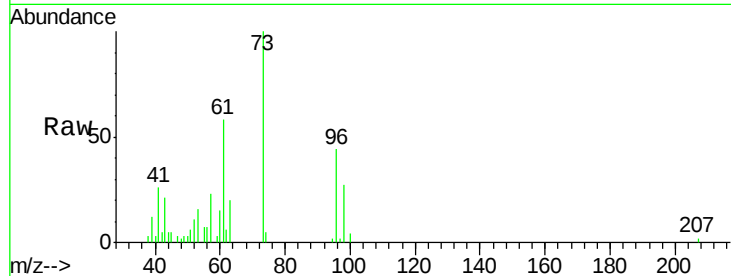


#19

Methyl tert-butyl Ether
 Concen: 3.310 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

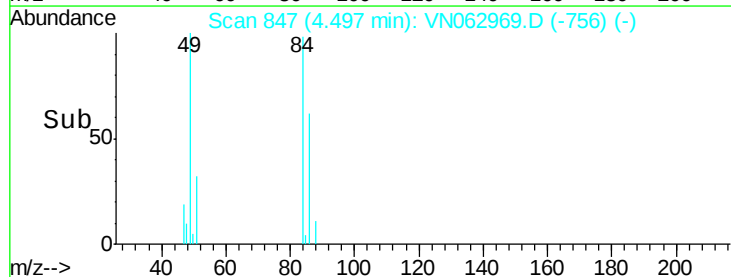
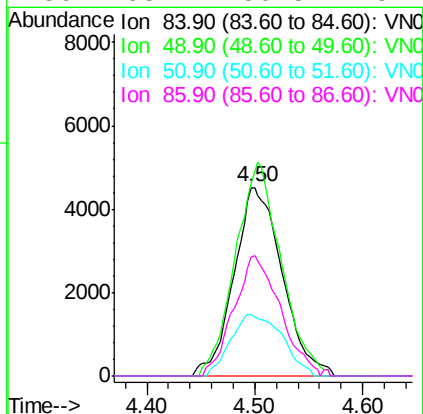
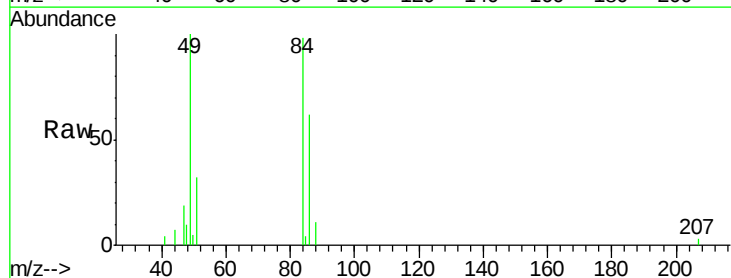
Tgt Ion: 73 Resp: 29865
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.6 26.4

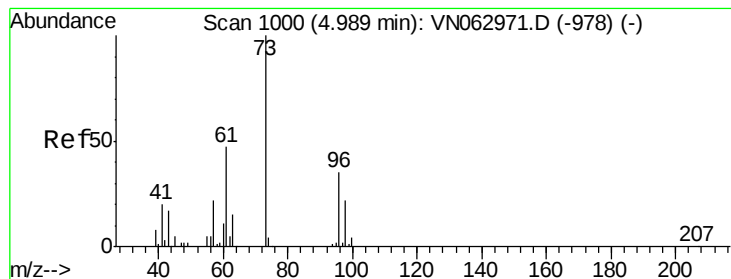


#20

Methylene Chloride
 Concen: 4.798 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 84 Resp: 14045
 Ion Ratio Lower Upper
 84 100
 49 102.3 88.8 133.2
 51 32.7 27.1 40.7
 86 63.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 4.625 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

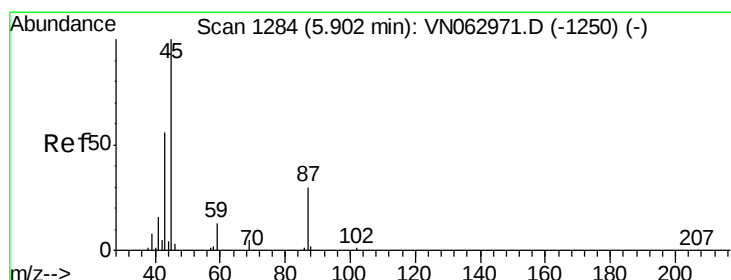
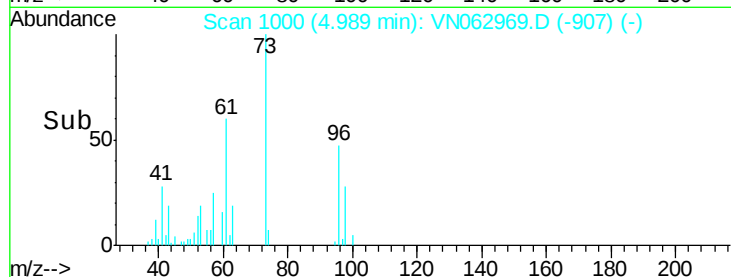
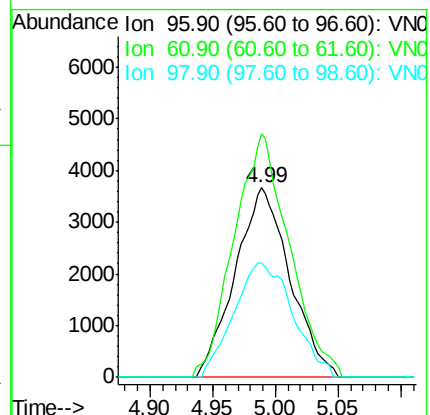
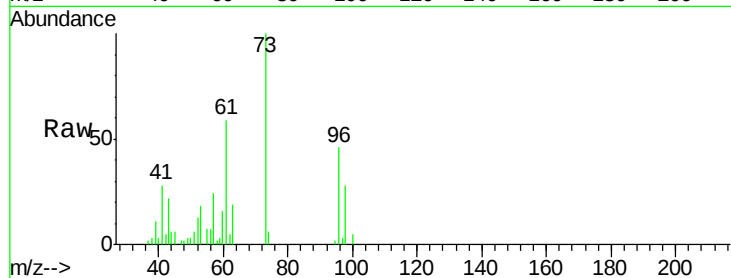
Tgt Ion: 96 Resp: 11138

Ion Ratio Lower Upper

96 100

61 128.3 107.7 161.5

98 60.1 51.0 76.4



#22

Diisopropyl ether

Concen: 4.676 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Tgt Ion: 45 Resp: 40889

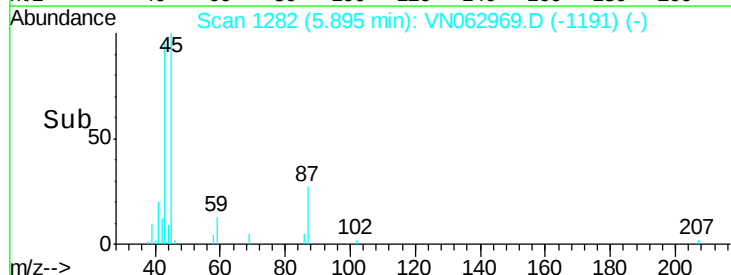
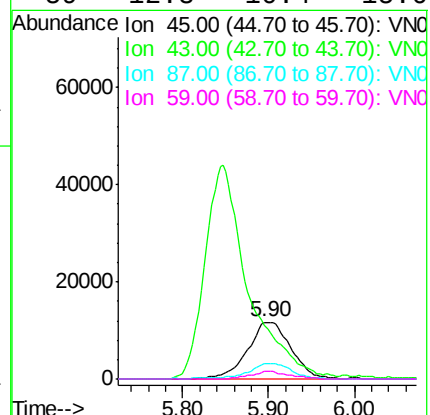
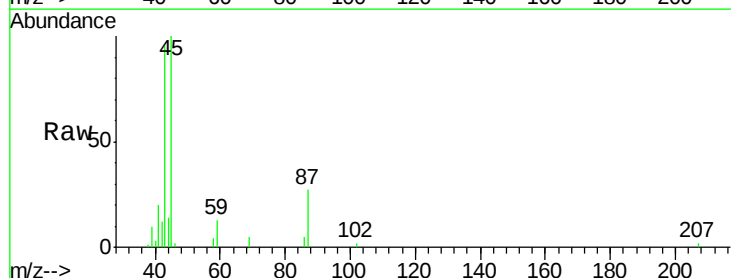
Ion Ratio Lower Upper

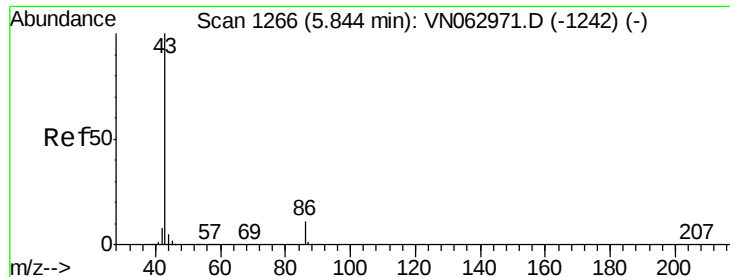
45 100

43 89.1 47.1 70.7#

87 27.1 24.3 36.5

59 12.8 10.4 15.6





#23

Vinyl Acetate

Concen: 23.335 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

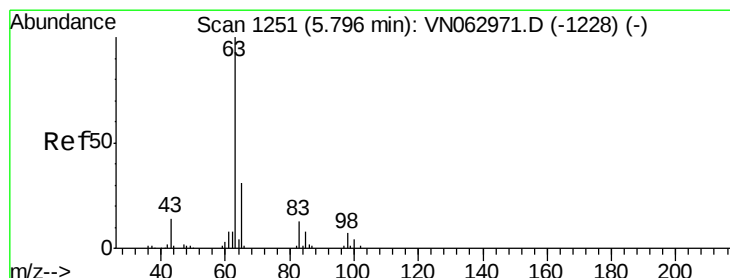
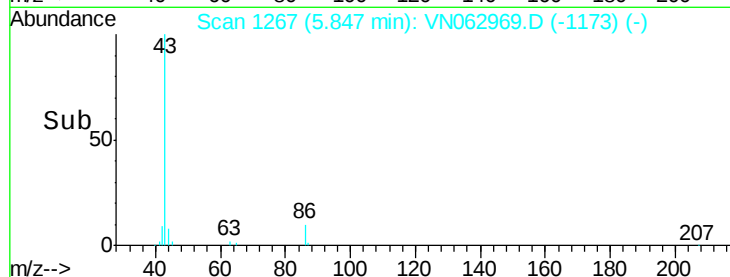
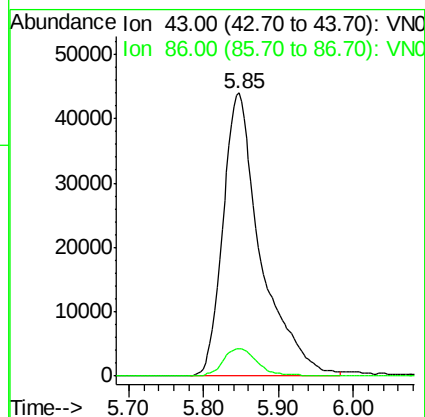
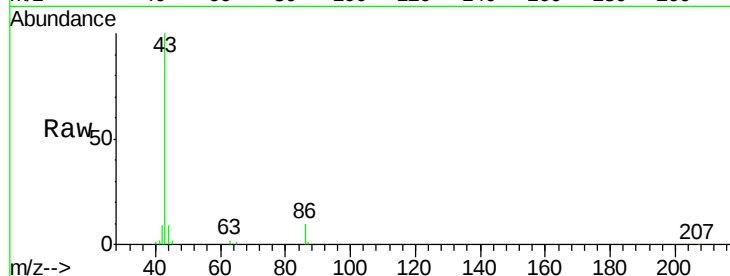
VSTDIC005

Tgt Ion: 43 Resp: 154308

Ion Ratio Lower Upper

43 100

86 9.7 9.1 13.7



#24

1,1-Dichloroethane

Concen: 5.155 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

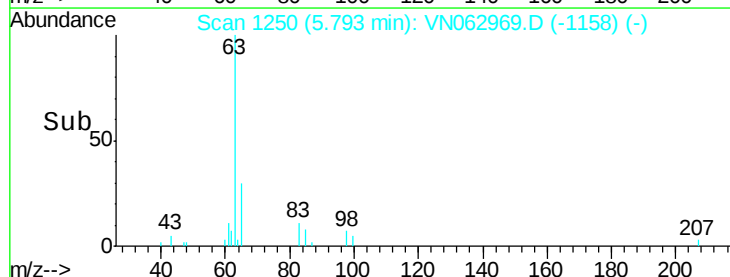
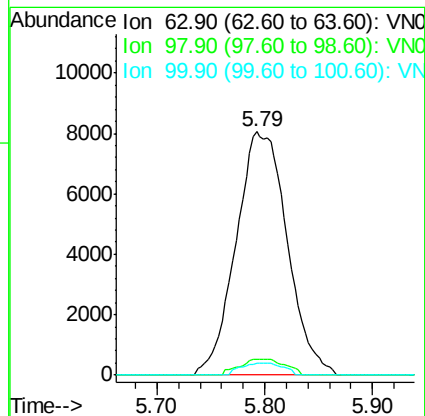
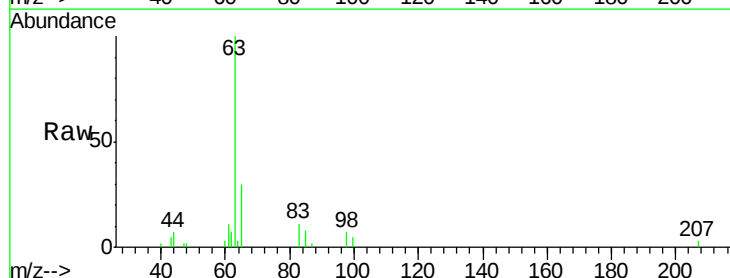
Tgt Ion: 63 Resp: 26572

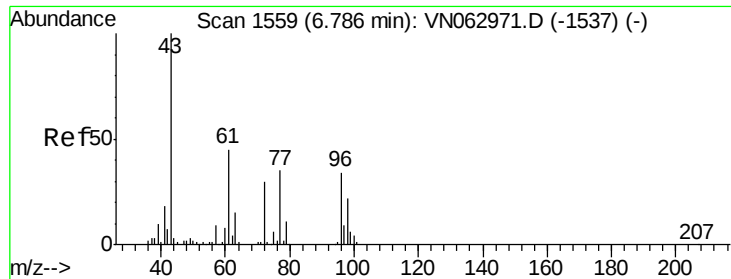
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.8 2.0 6.0

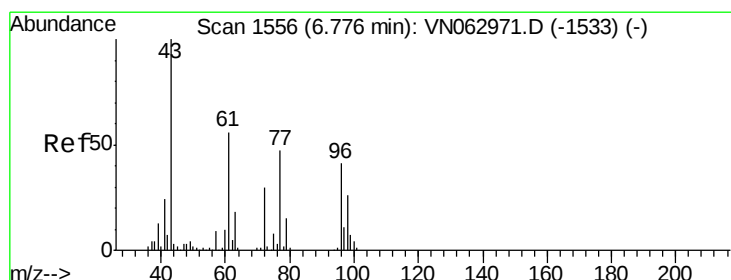
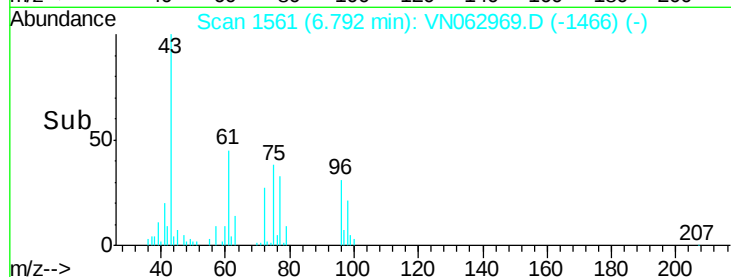
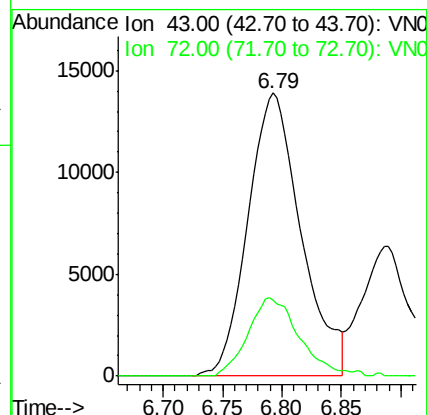
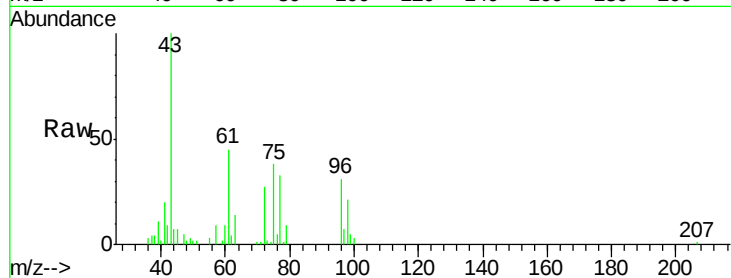




#25
2-Butanone
Concen: 22.214 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

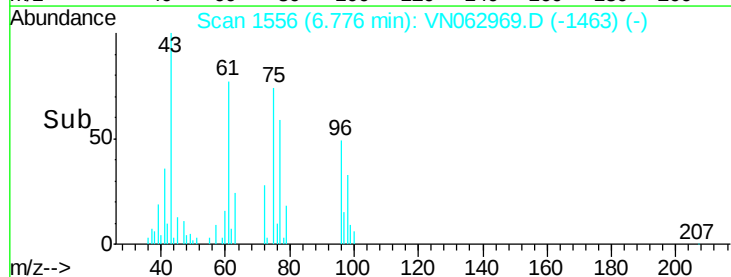
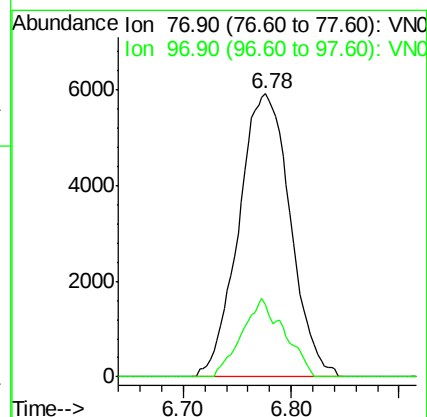
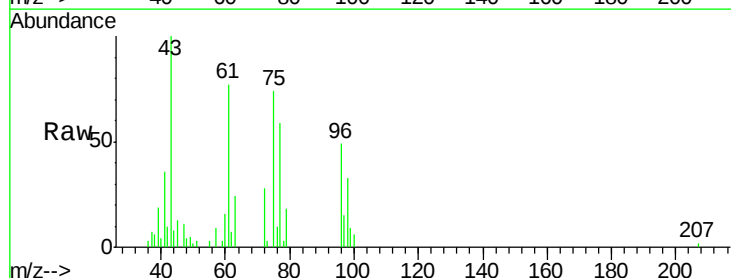
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

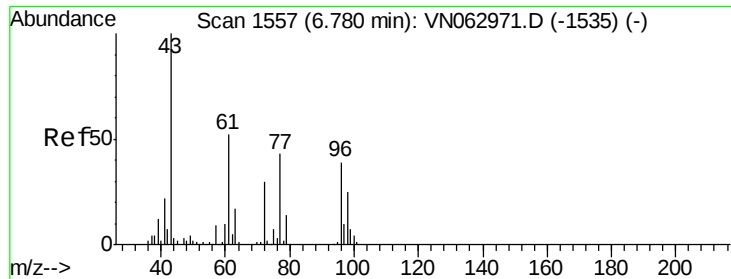
Tgt Ion: 43 Resp: 42990
Ion Ratio Lower Upper
43 100
72 26.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 4.232 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 77 Resp: 19660
Ion Ratio Lower Upper
77 100
97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 5.244 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

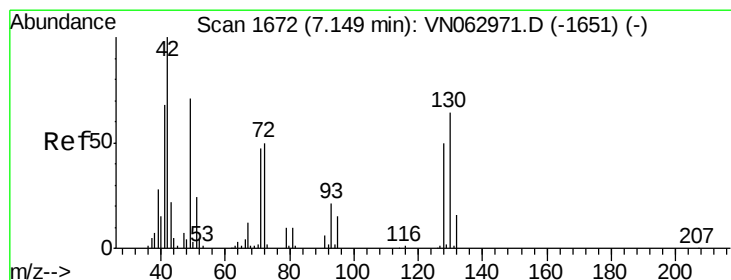
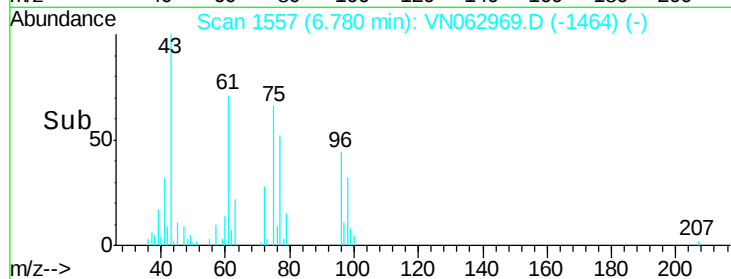
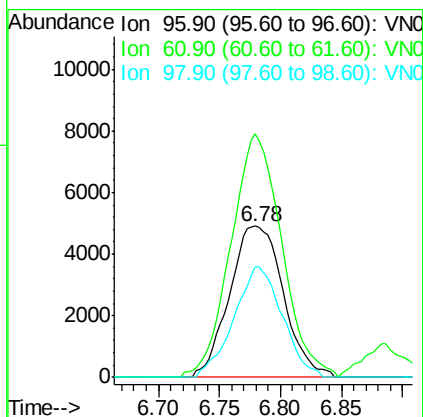
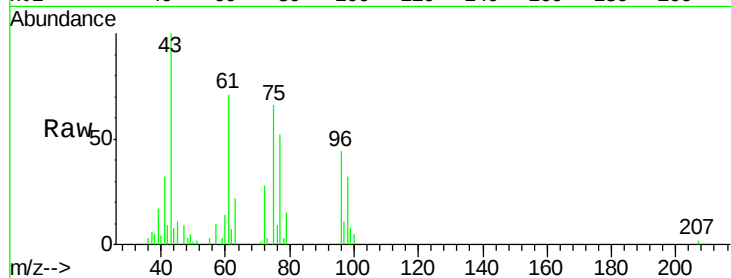
Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 15075

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	270.4
98	65.3	0.0	128.2



#28

Bromochloromethane

Concen: 5.101 ug/l

RT: 7.15 min Scan# 1671

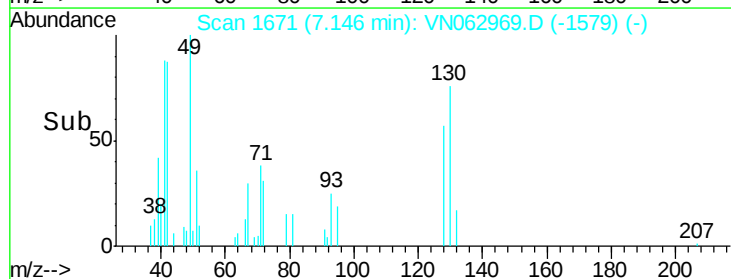
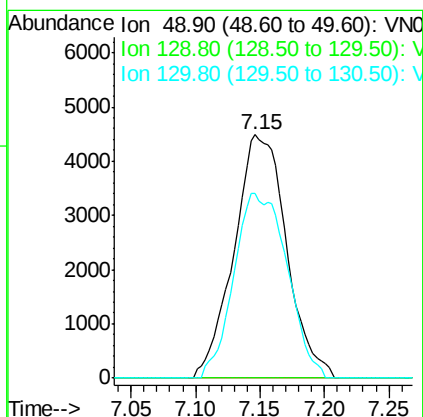
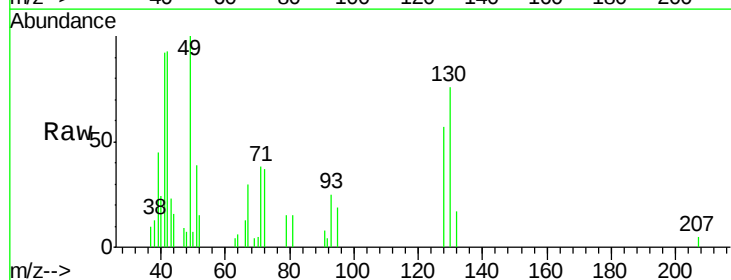
Delta R.T. -0.00 min

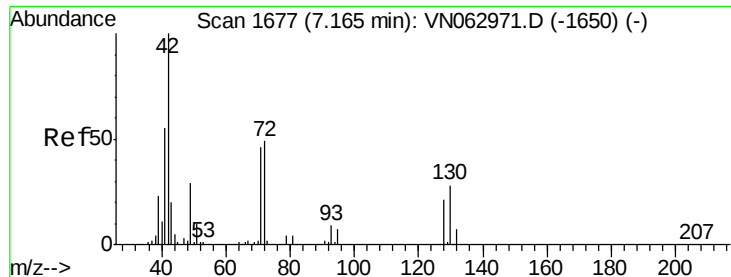
Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Tgt Ion: 49 Resp: 12714

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	76.9	73.5	110.3

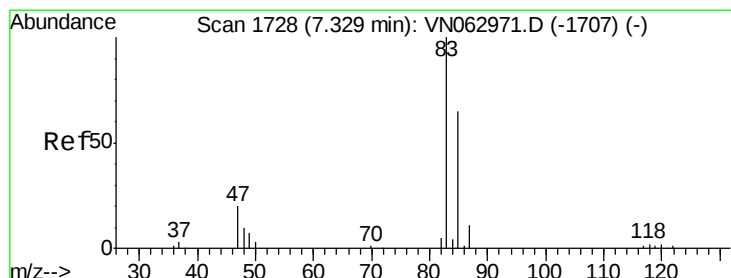
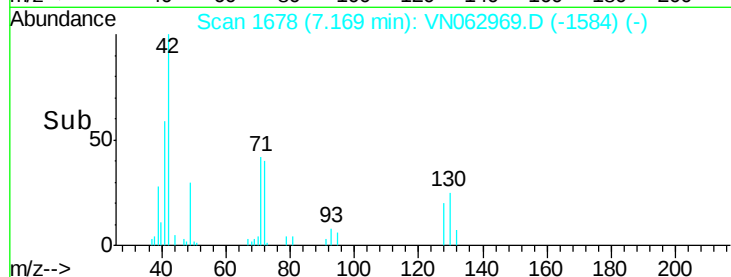
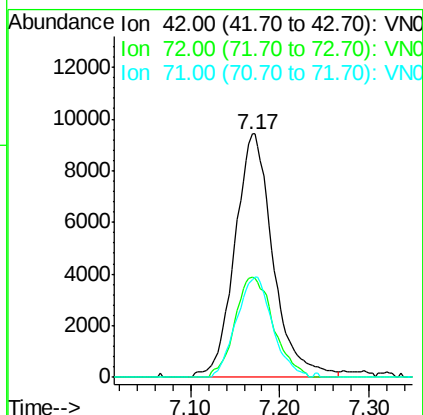
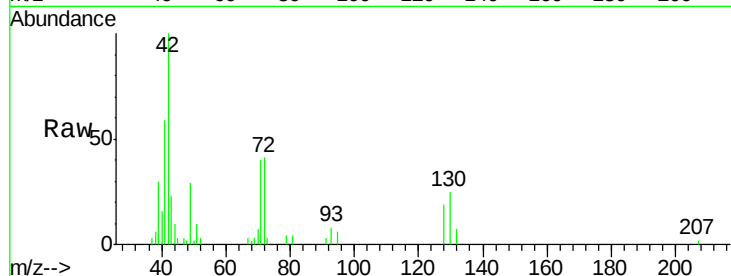




#29
Tetrahydrofuran
Concen: 22.306 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

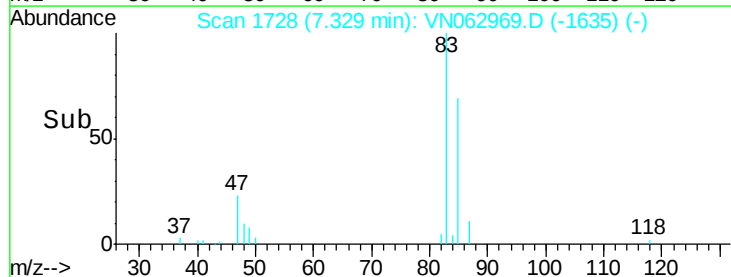
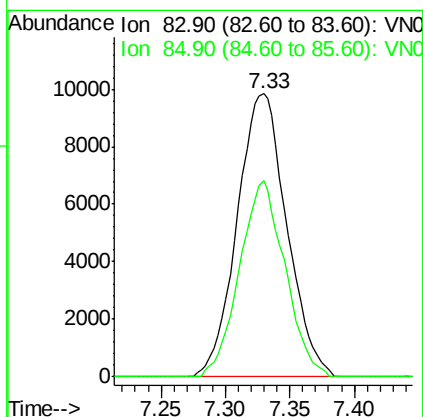
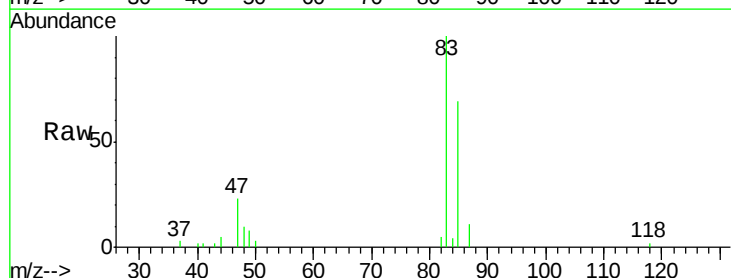
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

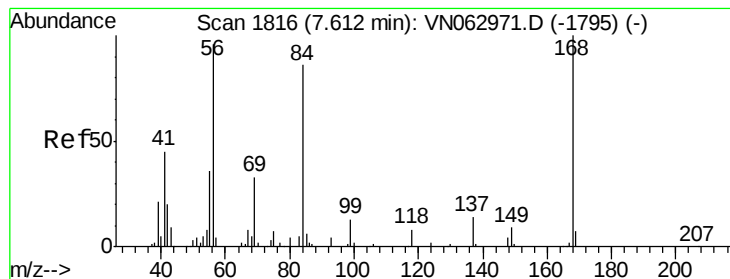
Tgt Ion: 42 Resp: 28109
Ion Ratio Lower Upper
42 100
72 41.3 39.4 59.2
71 38.7 37.2 55.8



#30
Chloroform
Concen: 4.850 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 83 Resp: 26347
Ion Ratio Lower Upper
83 100
85 69.5 52.2 78.4





#31

Cyclohexane

Concen: 5.097 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

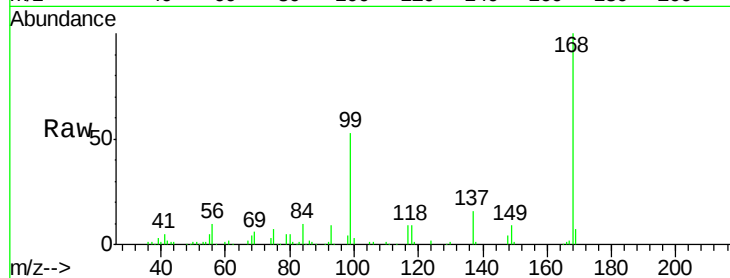
Tgt Ion: 56 Resp: 23951

Ion Ratio Lower Upper

56 100

69 63.2 27.4 41.2#

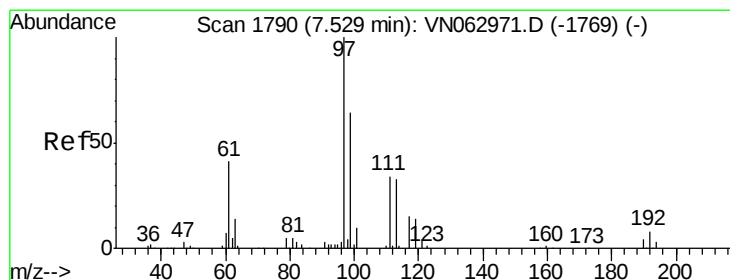
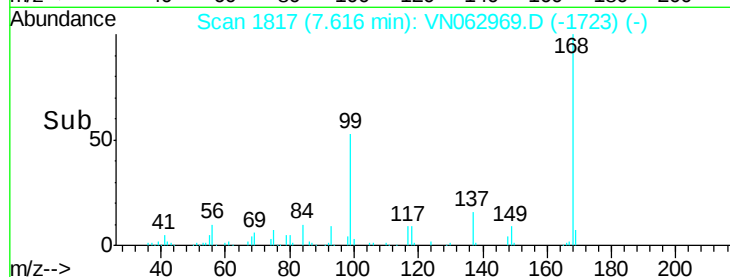
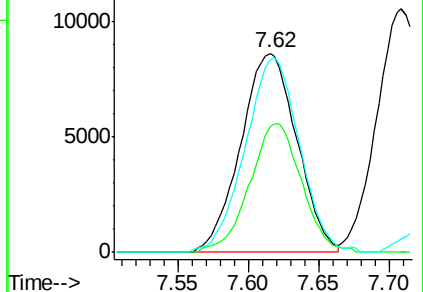
84 96.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 4.417 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

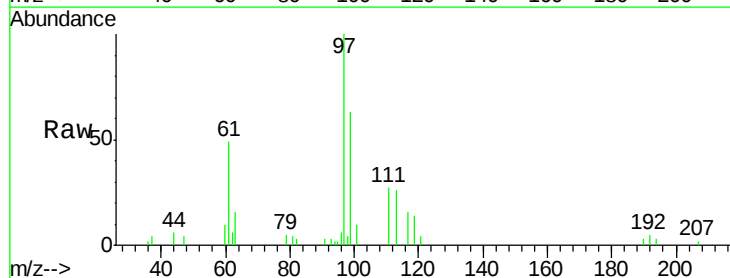
Tgt Ion: 97 Resp: 21163

Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.4

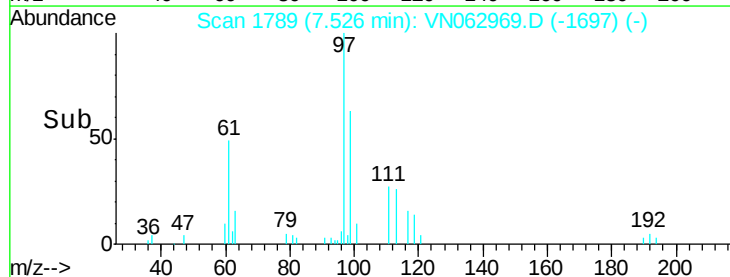
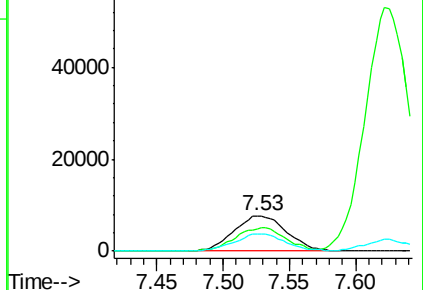
61 47.1 33.5 50.3

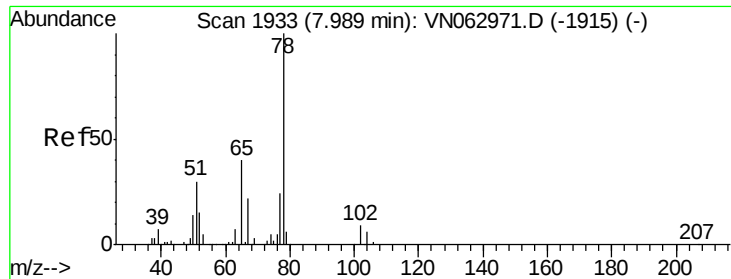


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 4.489 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

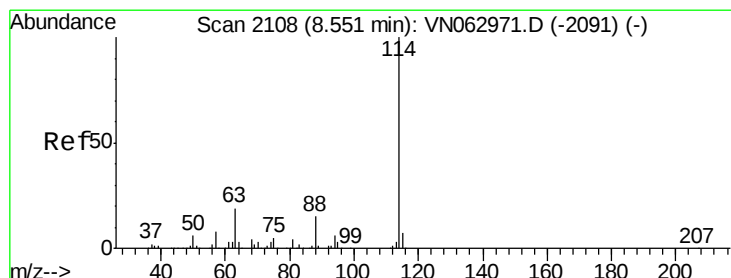
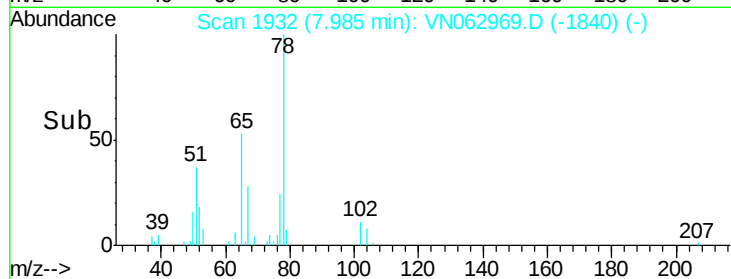
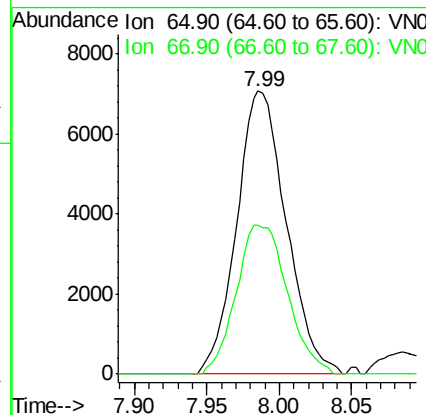
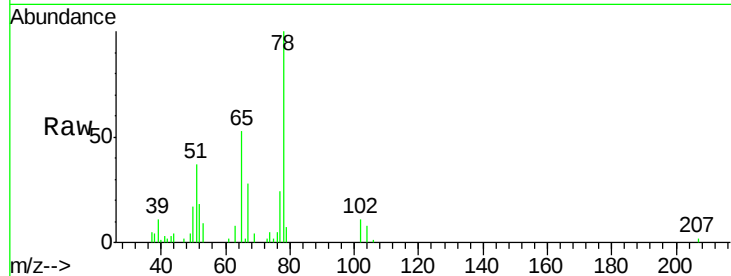
VSTDIC005

Tgt Ion: 65 Resp: 16830

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

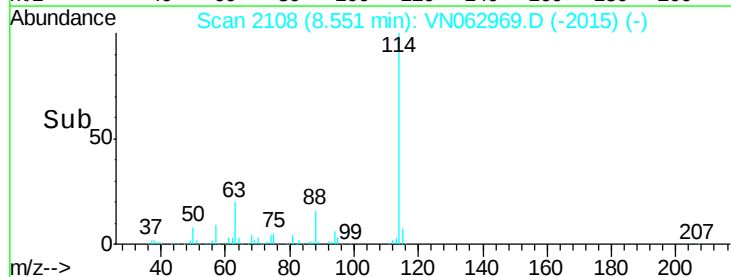
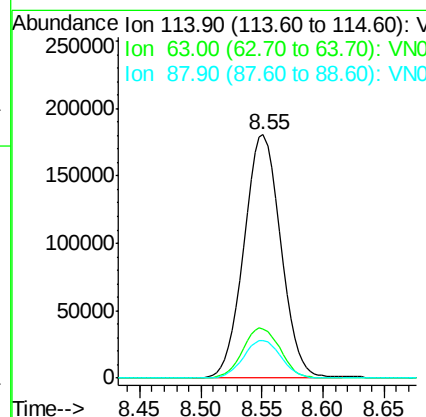
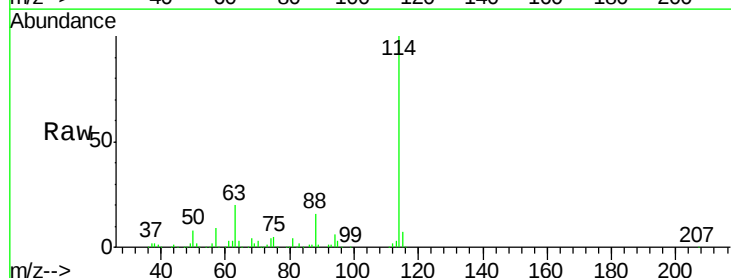
Tgt Ion: 114 Resp: 377465

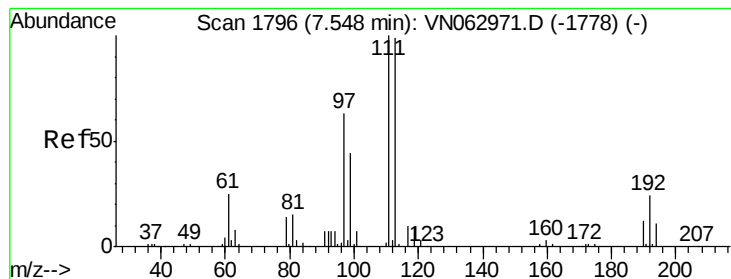
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 5.189 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

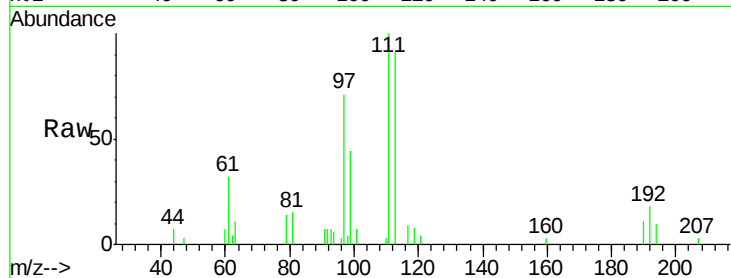
Tgt Ion:113 Resp: 13265

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

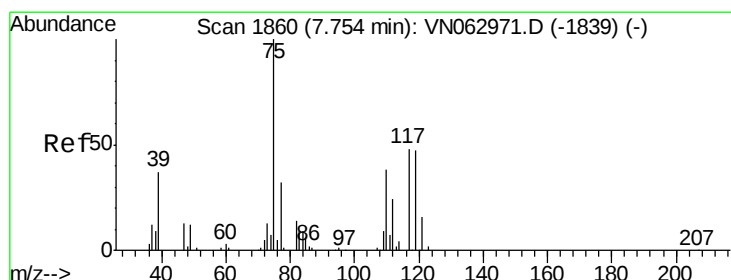
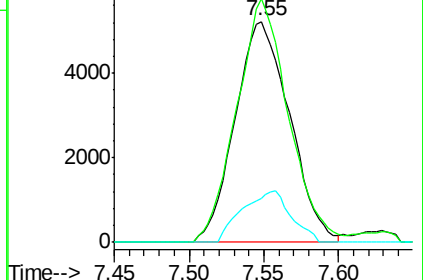
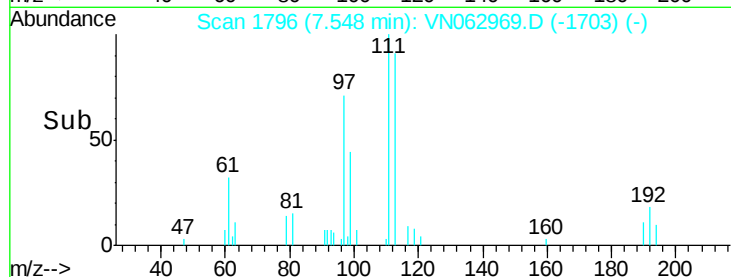
192 20.7 19.2 28.8



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: 5.038 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

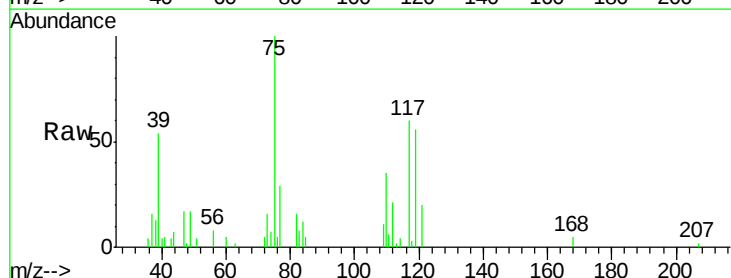
Tgt Ion: 75 Resp: 18021

Ion Ratio Lower Upper

75 100

110 33.5 18.7 56.1

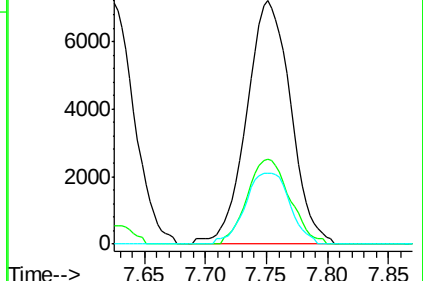
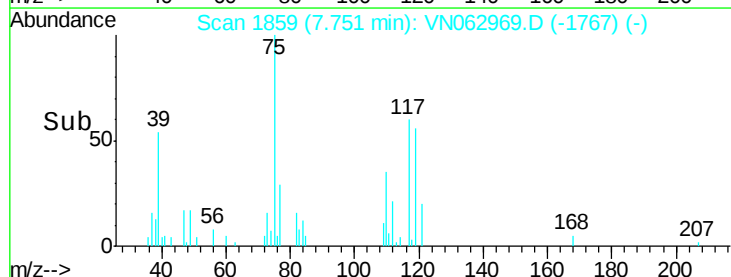
77 29.5 25.6 38.4

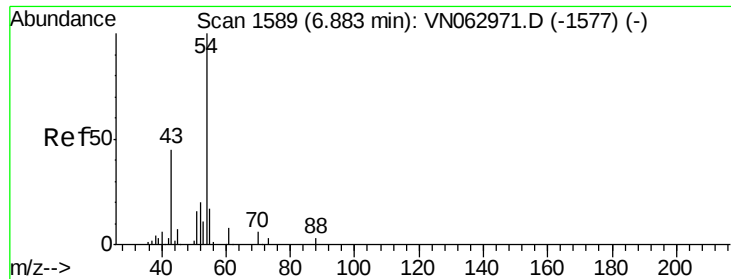


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

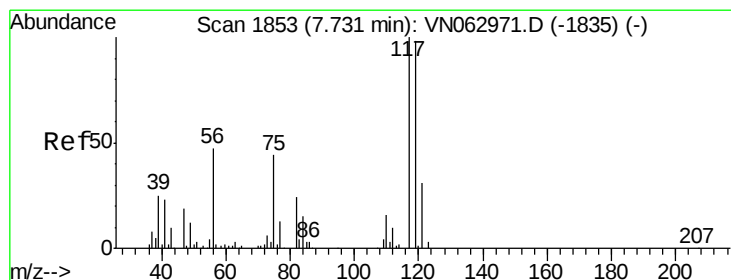
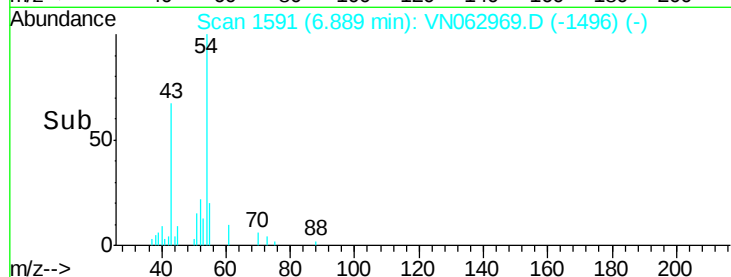
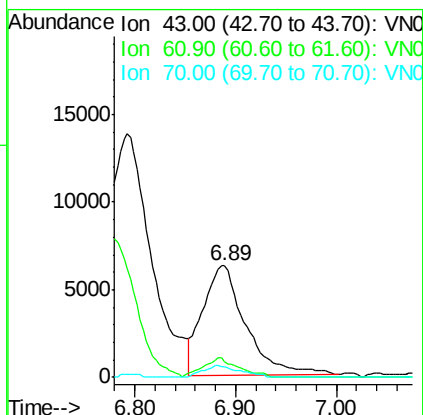
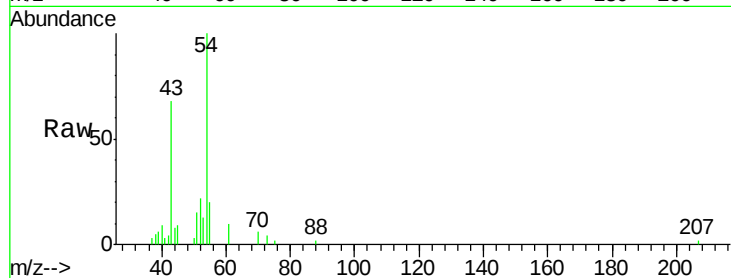




#37
 Ethyl Acetate
 Concen: 5.044 ug/l
 RT: 6.89 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

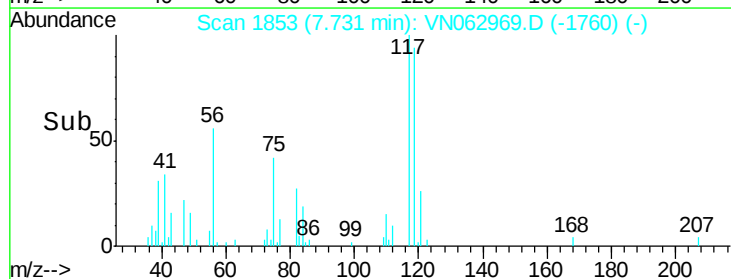
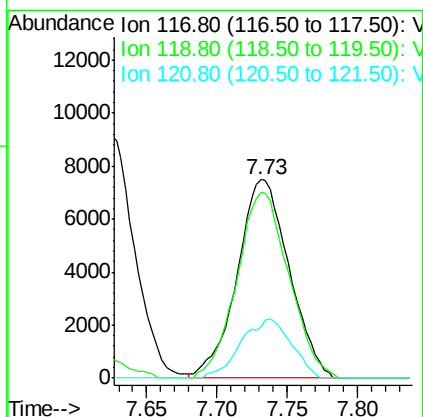
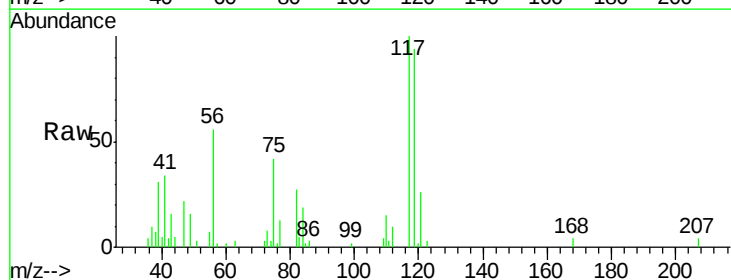
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

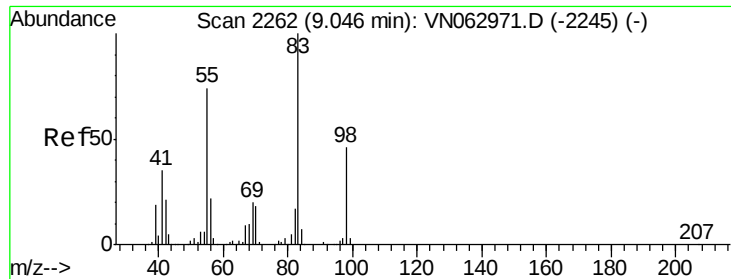
Tgt Ion: 43 Resp: 18519
 Ion Ratio Lower Upper
 43 100
 61 14.7 12.4 18.6
 70 9.1 9.9 14.9#



#38
 Carbon Tetrachloride
 Concen: 4.573 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 117 Resp: 19293
 Ion Ratio Lower Upper
 117 100
 119 93.6 77.9 116.9
 121 26.0 24.8 37.2

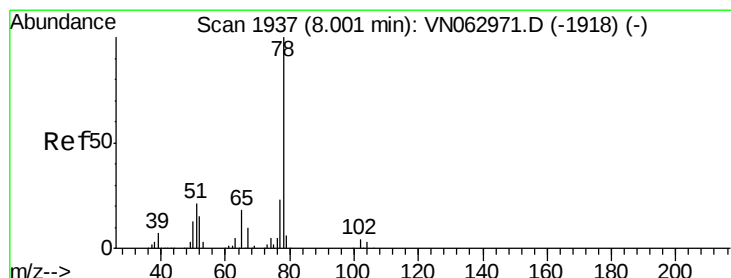
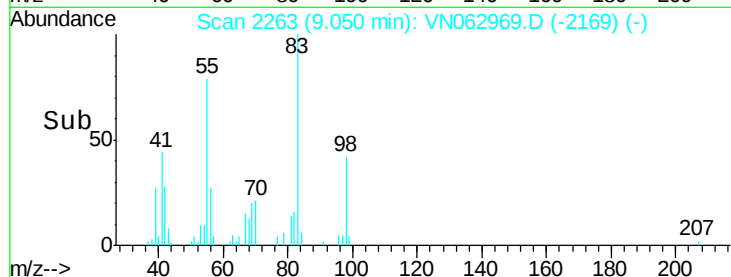
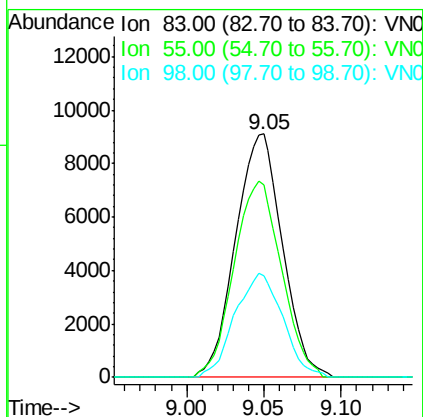
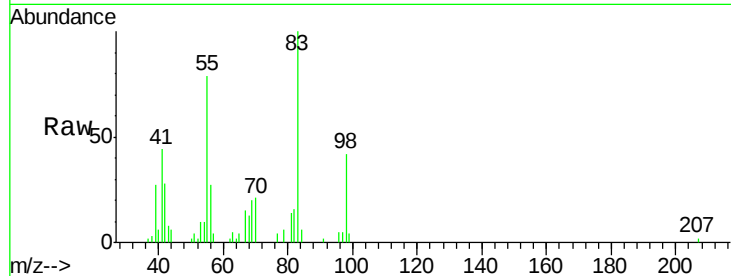




#39
Methylcyclohexane
Concen: 4.355 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

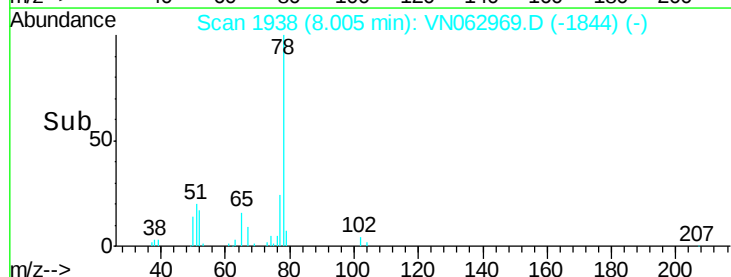
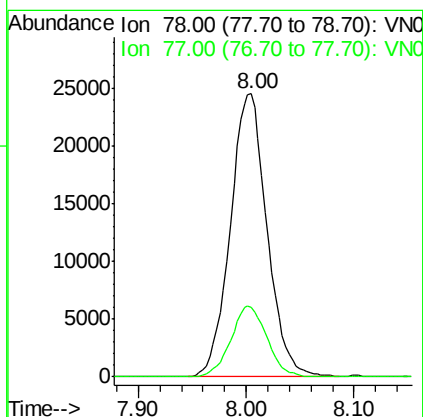
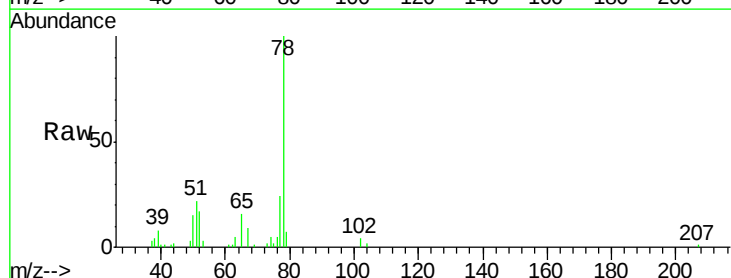
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

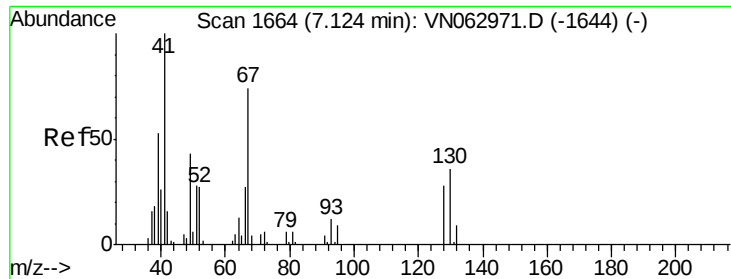
Tgt Ion: 83 Resp: 19180
Ion Ratio Lower Upper
83 100
55 79.0 59.0 88.6
98 41.7 36.8 55.2



#40
Benzene
Concen: 5.335 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 78 Resp: 57959
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8

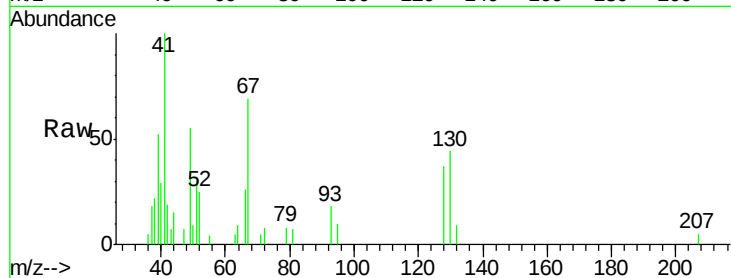




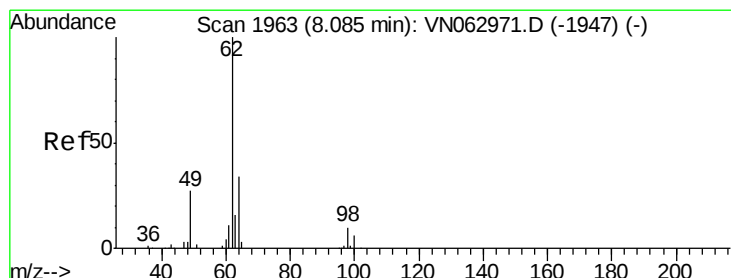
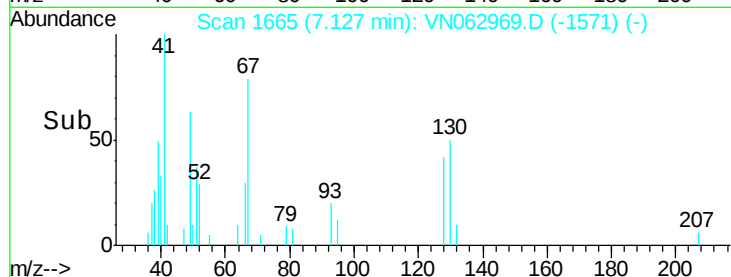
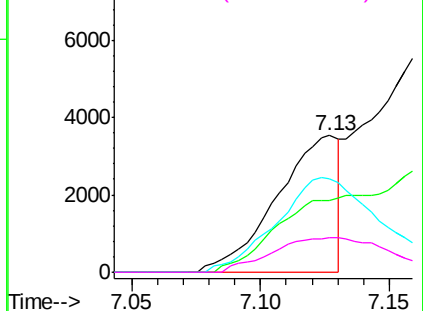
#41
Methacrylonitrile
Concen: 3.665 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 5927
Ion Ratio Lower Upper
41 100
39 0.0 58.6 88.0#
67 117.6 90.1 135.1
52 48.8 34.7 52.1

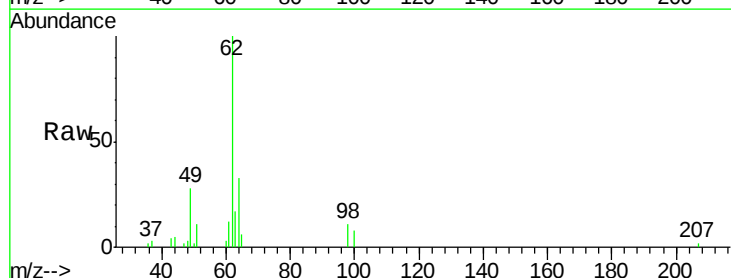


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

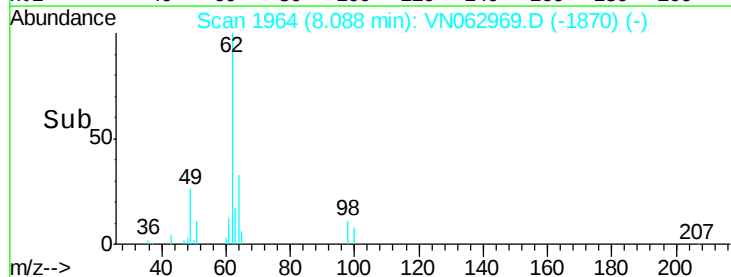
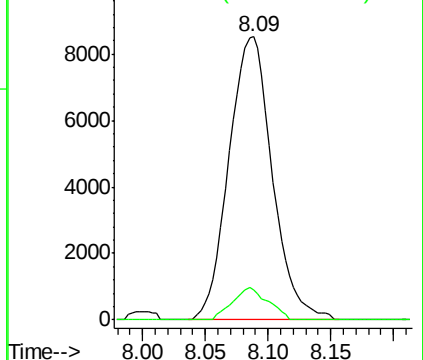


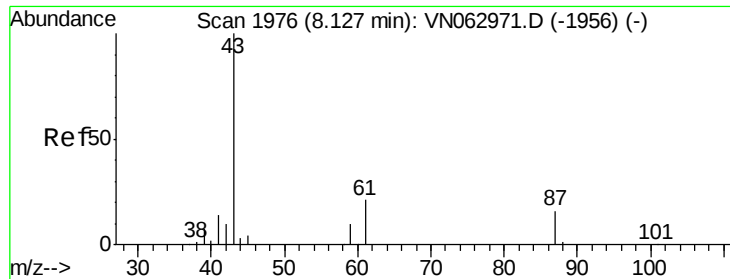
#42
1,2-Dichloroethane
Concen: 4.613 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 62 Resp: 20467
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.449 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

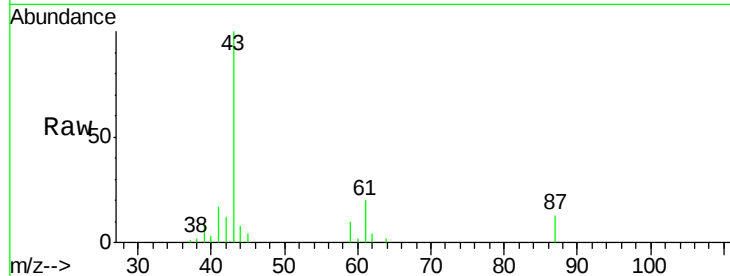
Tgt Ion: 43 Resp: 27194

Ion Ratio Lower Upper

43 100

61 22.5 24.6 36.8#

87 12.1 12.4 18.6#

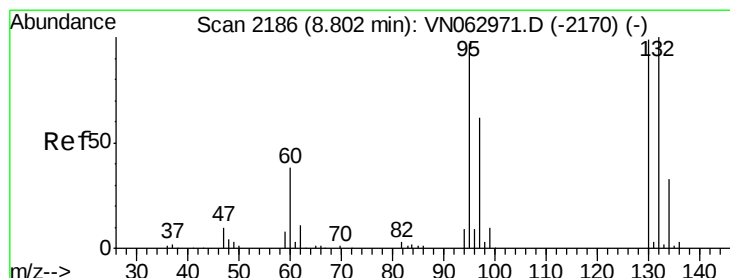
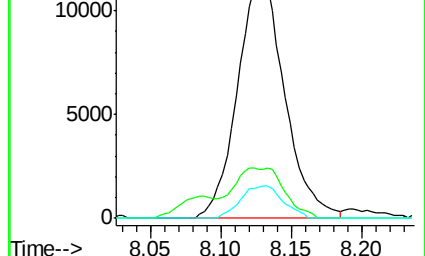
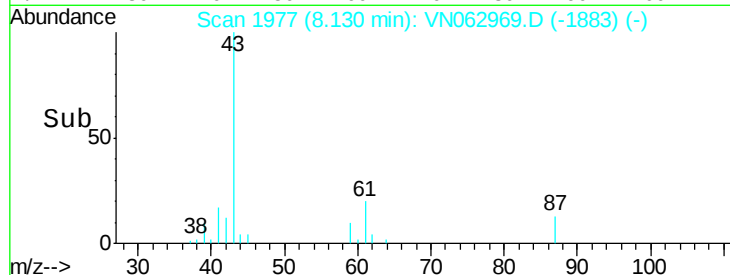


Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062971.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062971.D (-1956) (-)

Time-->



#44

Trichloroethene

Concen: 5.490 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062969.D

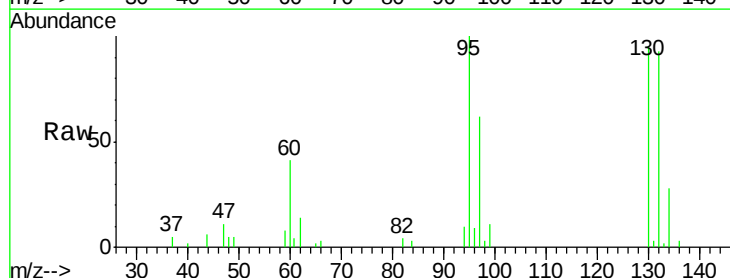
Acq: 17 Aug 2020 13:50

Tgt Ion: 130 Resp: 14773

Ion Ratio Lower Upper

130 100

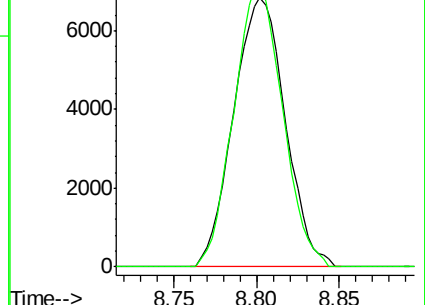
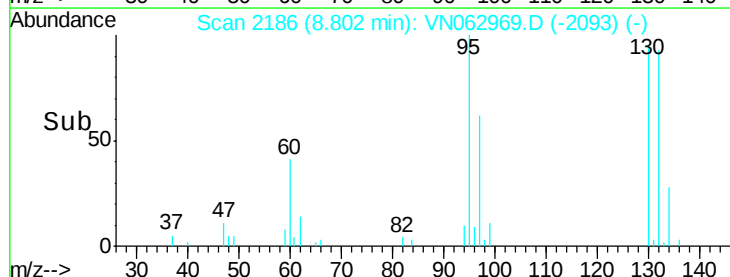
95 105.2 0.0 194.2

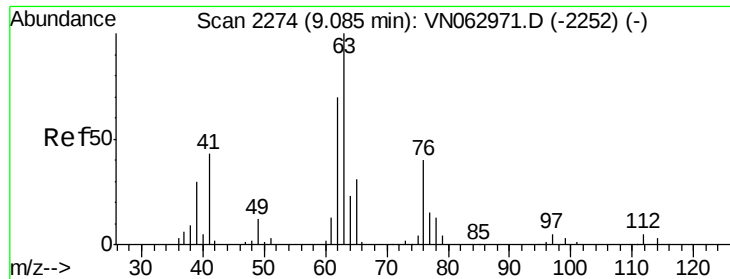


Abundance Ion 129.80 (129.50 to 130.50): VN062971.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062971.D (-2170) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 5.550 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

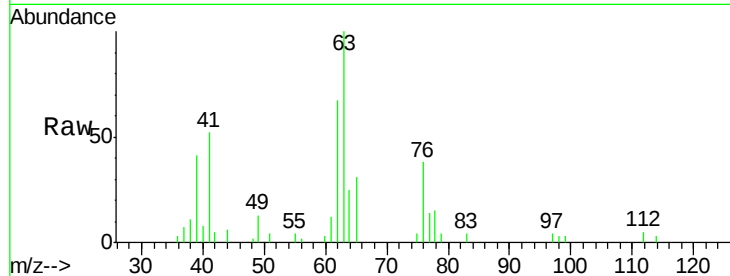
VSTDIC005

Tgt Ion: 63 Resp: 16187

Ion Ratio Lower Upper

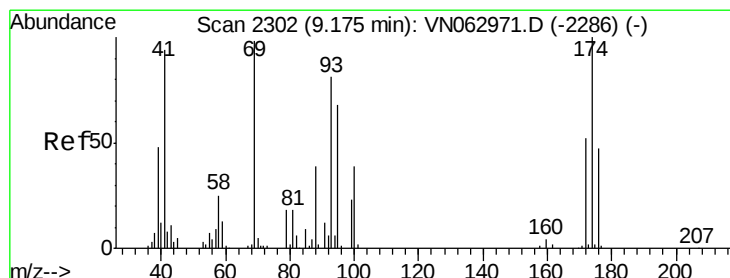
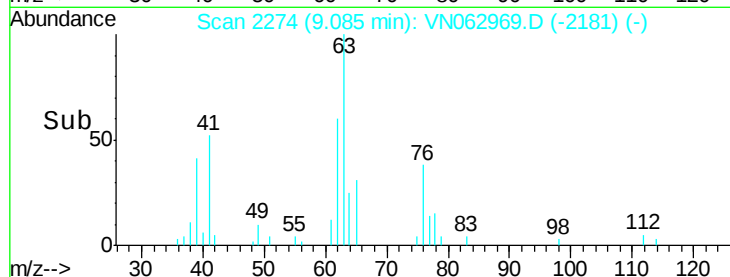
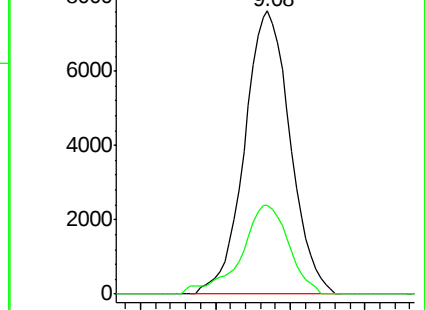
63 100

65 31.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN062969.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN062969.D (-2252) (-)



#46

Dibromomethane

Concen: 5.292 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

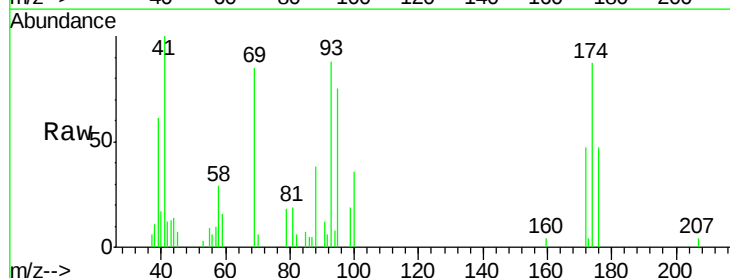
Tgt Ion: 93 Resp: 10124

Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

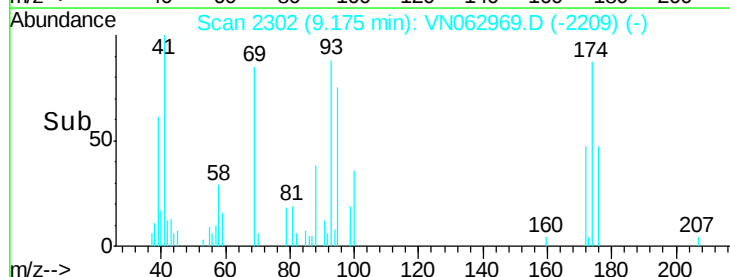
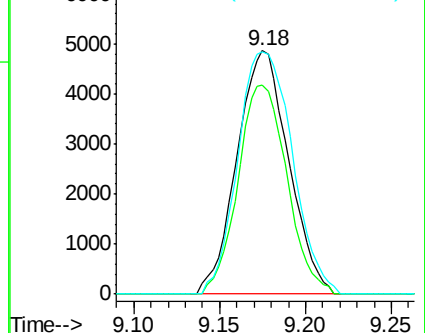
174 105.2 96.6 145.0

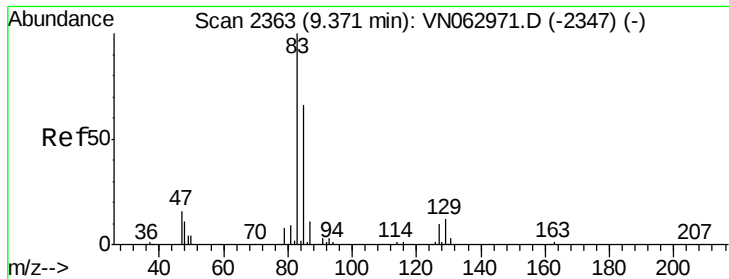


Abundance Ion 92.80 (92.50 to 93.50): VN062969.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062969.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062969.D (-2209) (-)





#47

Bromodichloromethane

Concen: 4.798 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

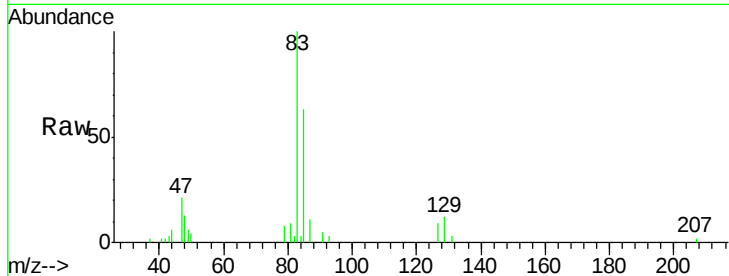
Tgt Ion: 83 Resp: 20285

Ion Ratio Lower Upper

83 100

85 62.7 52.4 78.6

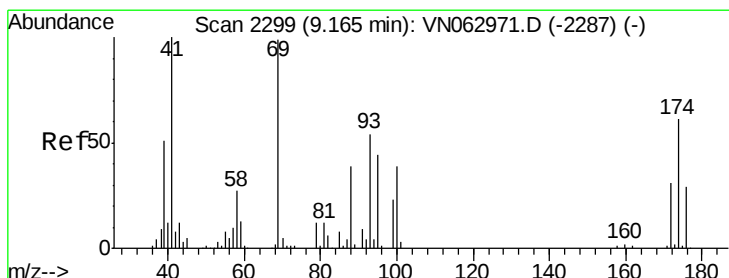
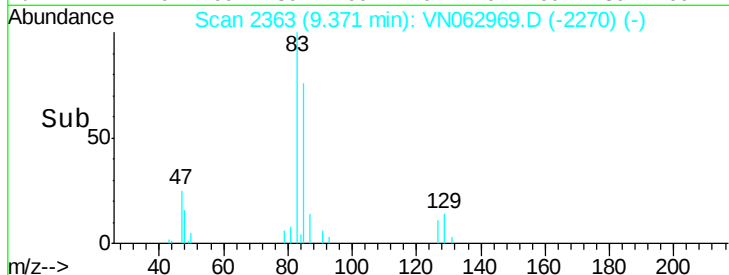
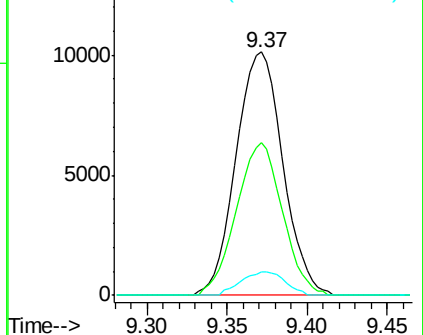
127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN062969.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062969.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062969.D (-2270) (-)



#48

Methyl methacrylate

Concen: 4.503 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

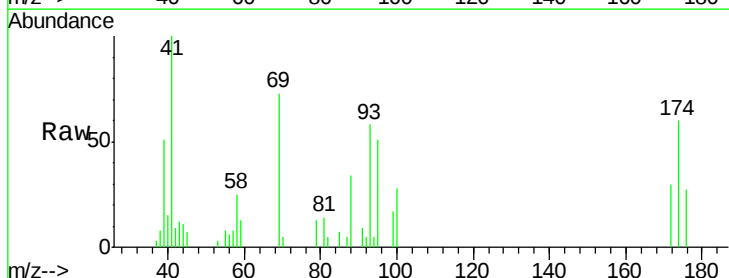
Tgt Ion: 41 Resp: 13494

Ion Ratio Lower Upper

41 100

69 78.9 81.1 121.7#

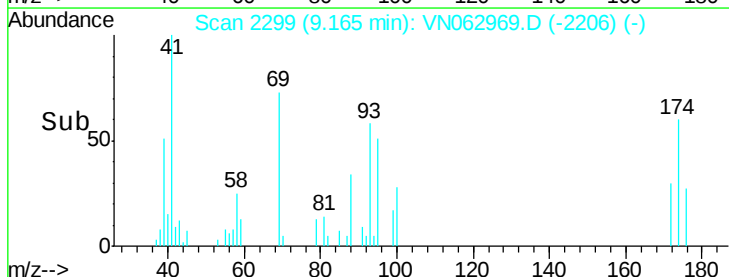
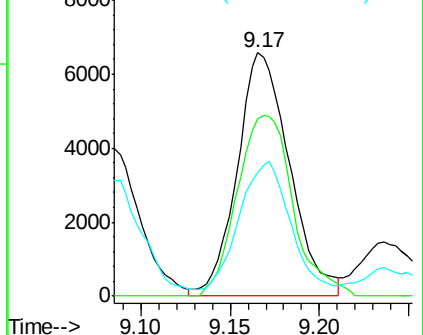
39 56.2 42.4 63.6

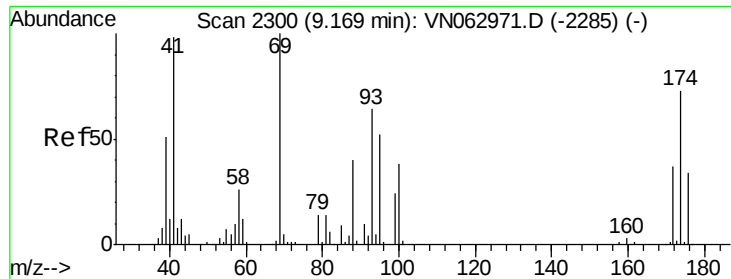


Abundance Ion 41.00 (40.70 to 41.70): VN062969.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062969.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062969.D (-2206) (-)





#49

1,4-Dioxane

Concen: 85.142 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

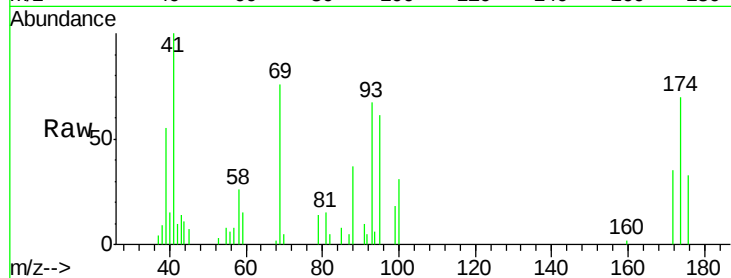
Tgt Ion: 88 Resp: 4787

Ion Ratio Lower Upper

88 100

43 39.5 23.1 34.7#

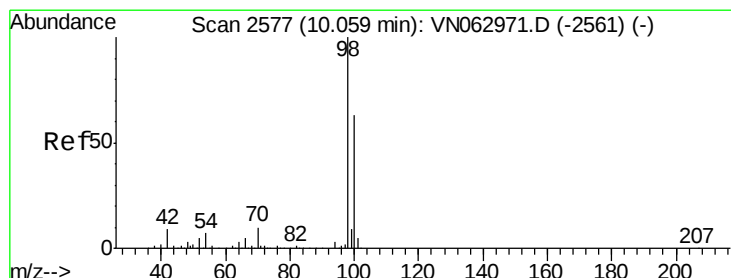
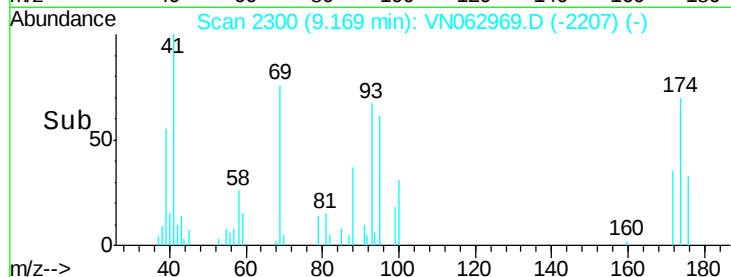
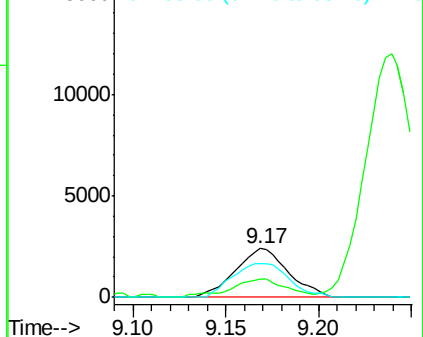
58 74.5 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VN062969.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN062969.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062969.D (-2285) (-)



#50

Toluene-d8

Concen: 4.985 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062969.D

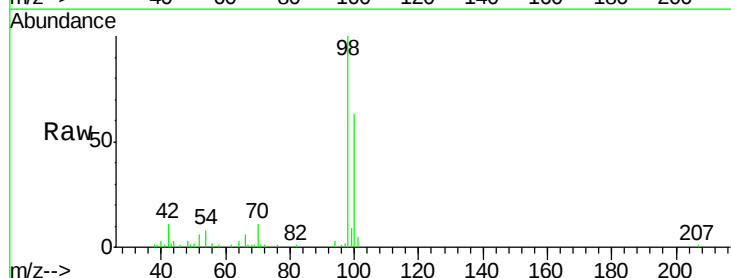
Acq: 17 Aug 2020 13:50

Tgt Ion: 98 Resp: 49810

Ion Ratio Lower Upper

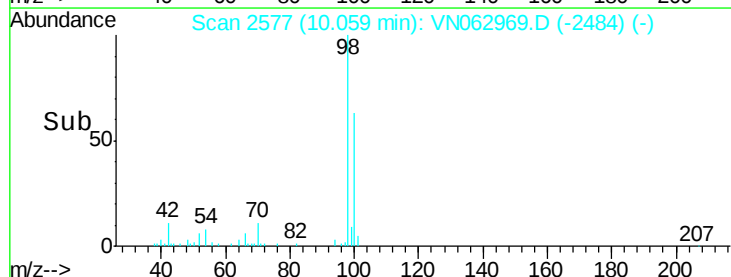
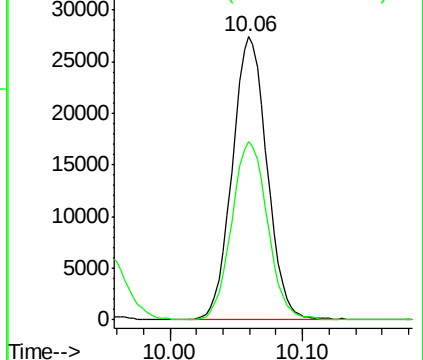
98 100

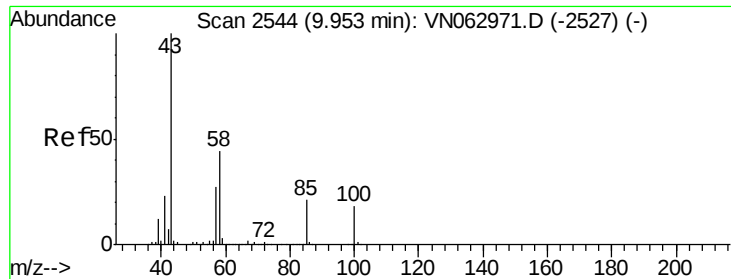
100 64.8 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN062969.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062969.D (-2561) (-)

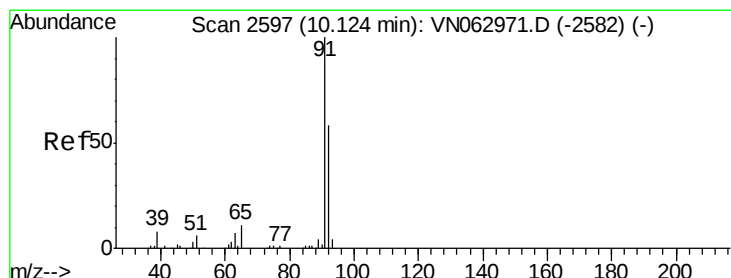
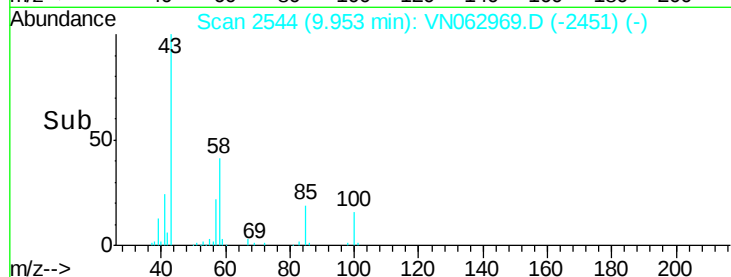
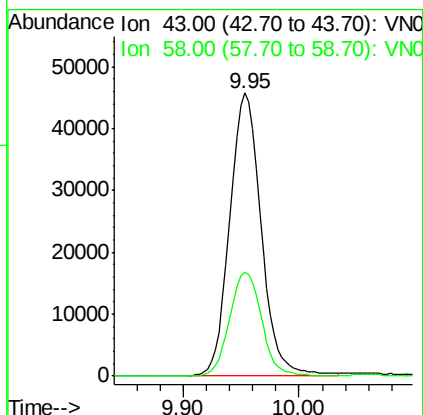
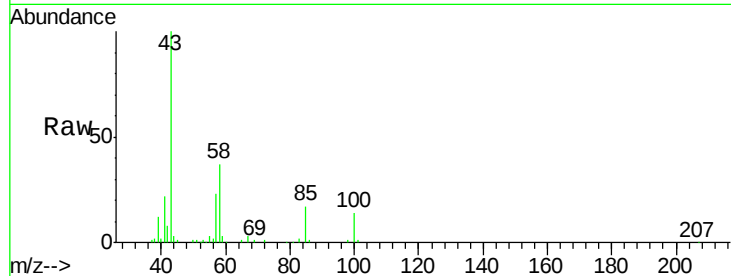




#51
 4-Methyl-2-Pentanone
 Concen: 21.769 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

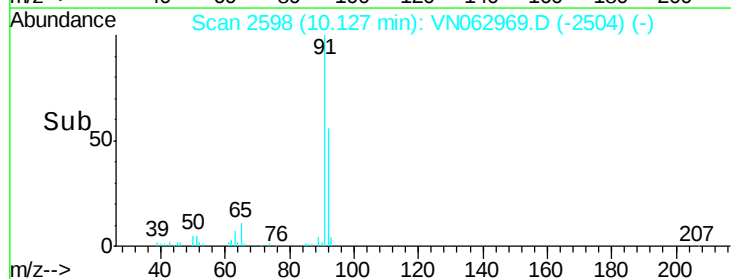
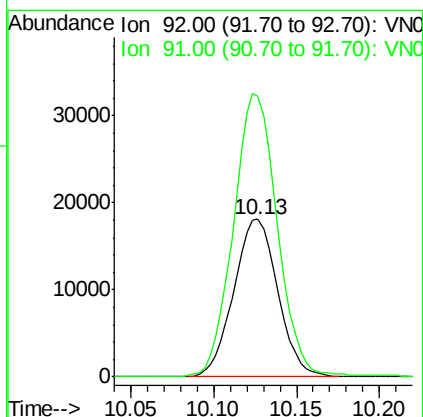
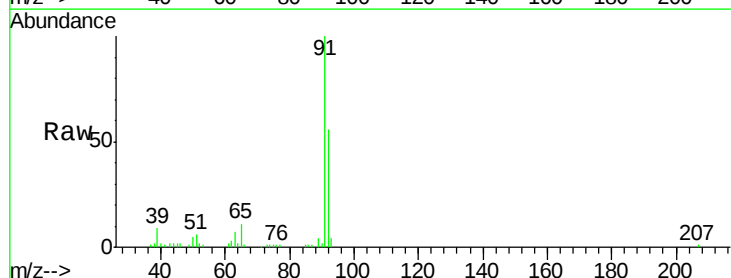
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

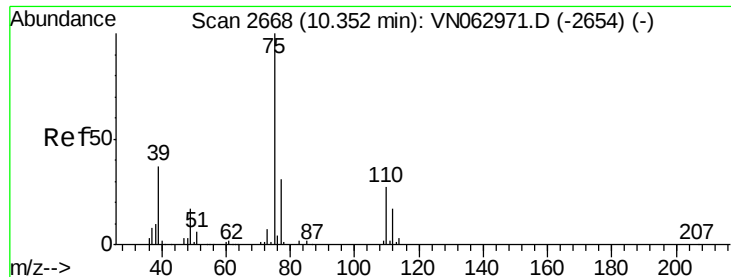
Tgt Ion: 43 Resp: 85950
 Ion Ratio Lower Upper
 43 100
 58 37.2 34.3 51.5



#52
 Toluene
 Concen: 4.968 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 92 Resp: 33383
 Ion Ratio Lower Upper
 92 100
 91 179.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 3.953 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

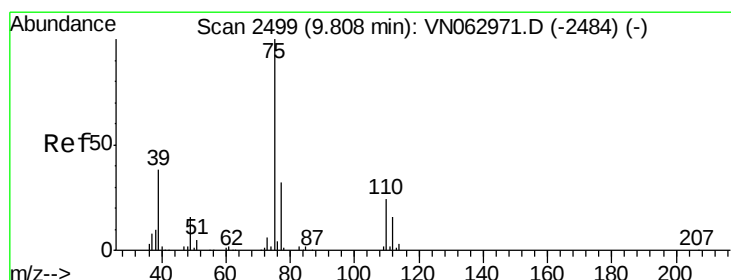
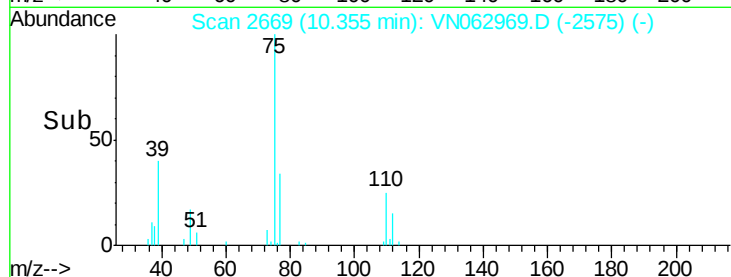
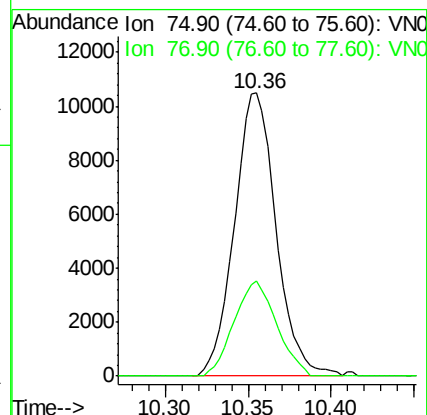
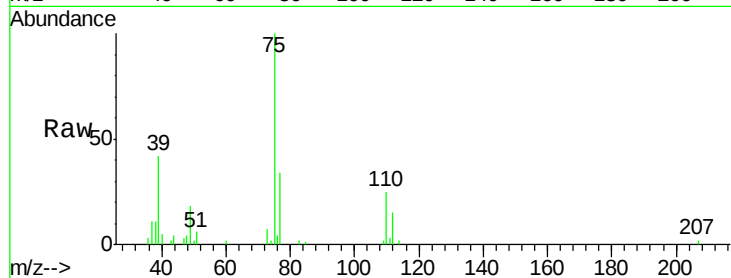
VSTDIC005

Tgt Ion: 75 Resp: 18307

Ion Ratio Lower Upper

75 100

77 33.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 4.539 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

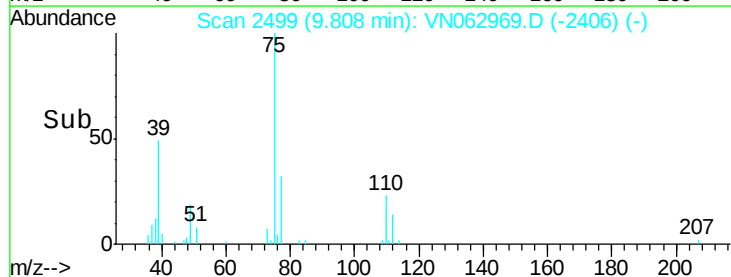
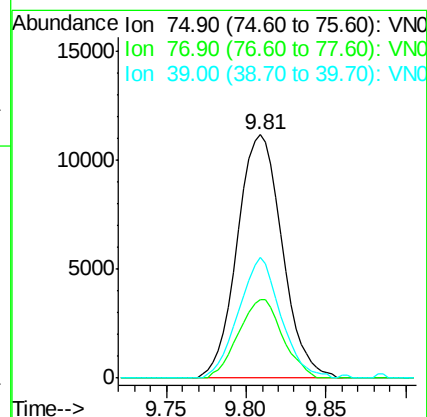
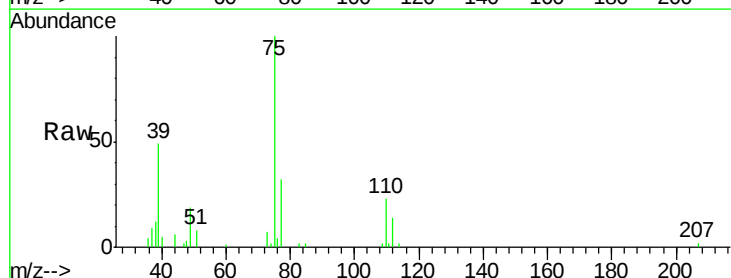
Tgt Ion: 75 Resp: 21447

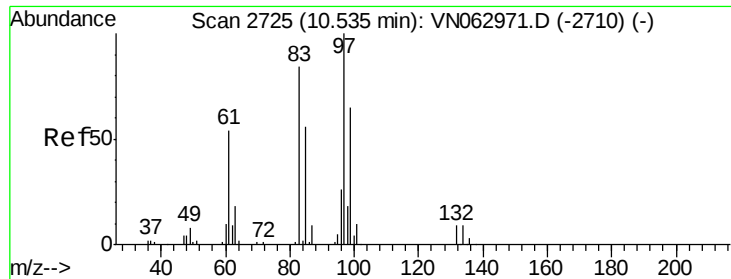
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 49.4 30.6 46.0#





#55

1,1,2-Trichloroethane

Concen: 4.054 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 11667

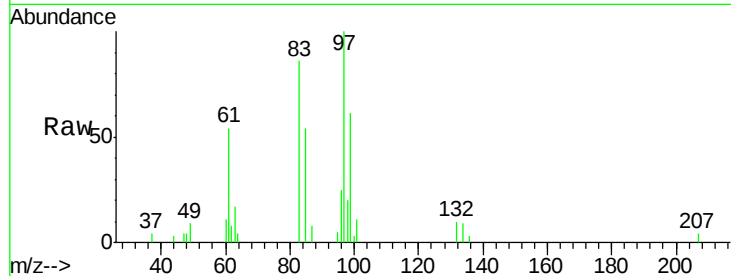
Ion Ratio Lower Upper

97 100

83 85.6 67.0 100.4

85 54.1 44.4 66.6

99 60.6 51.9 77.9

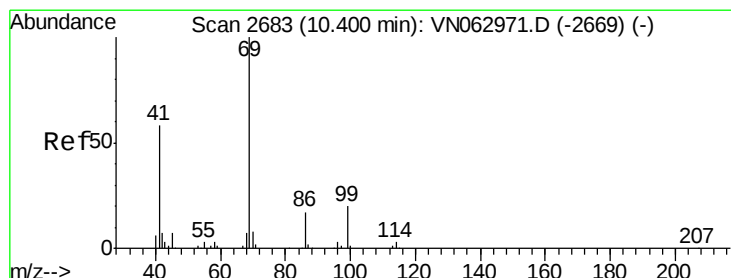
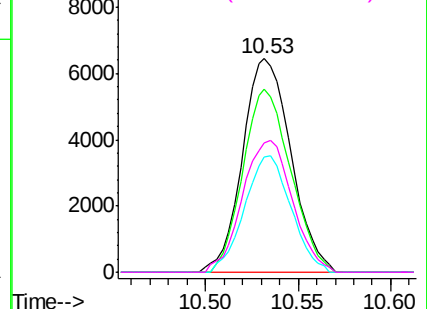
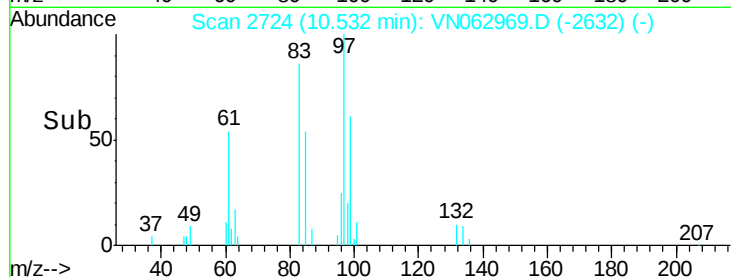


Abundance Ion 96.90 (96.60 to 97.60): VN062969.D (-2632) (-)

Ion 82.90 (82.60 to 83.60): VN062969.D (-2632) (-)

Ion 84.90 (84.60 to 85.60): VN062969.D (-2632) (-)

Ion 98.90 (98.60 to 99.60): VN062969.D (-2632) (-)



#56

Ethyl methacrylate

Concen: 3.328 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

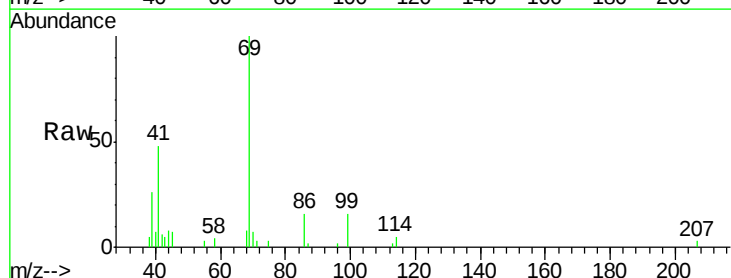
Tgt Ion: 69 Resp: 14035

Ion Ratio Lower Upper

69 100

41 57.2 46.0 69.0

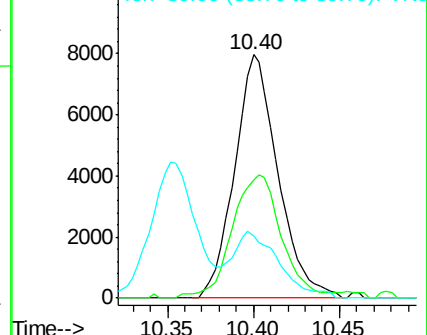
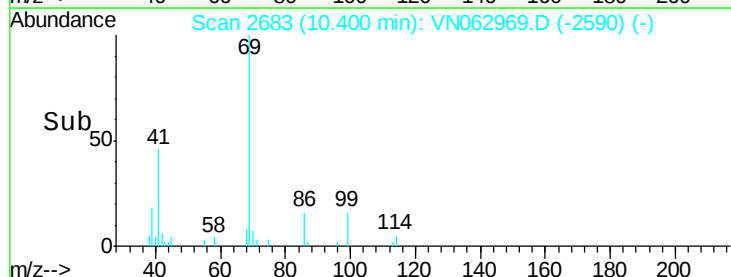
39 29.2 23.4 35.0

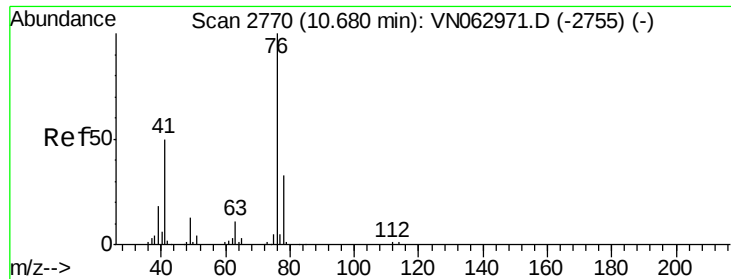


Abundance Ion 69.00 (68.70 to 69.70): VN062969.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN062969.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN062969.D (-2590) (-)

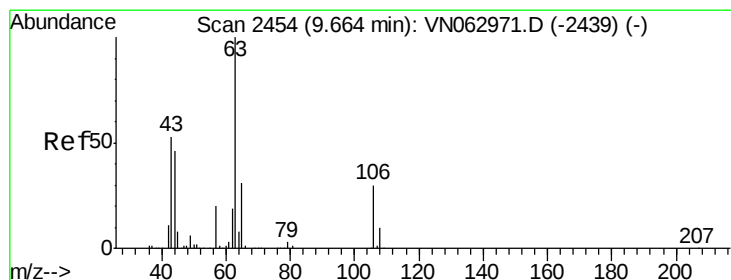
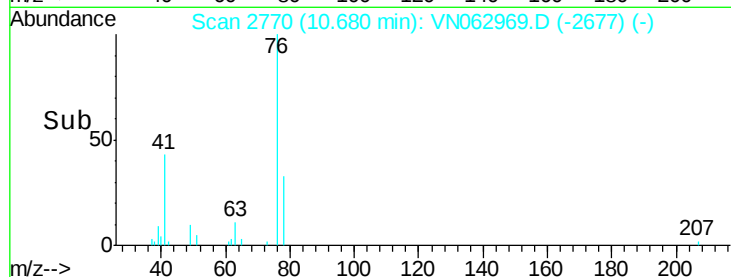
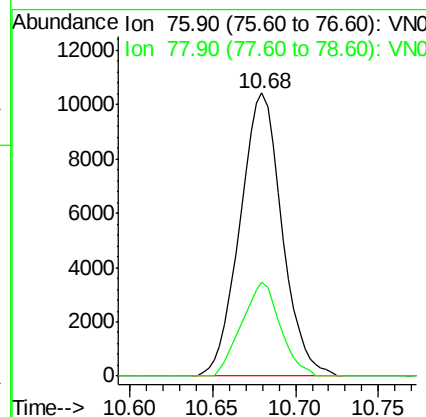
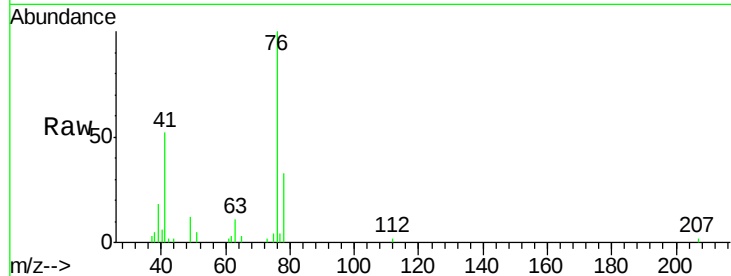




#57
 1,3-Dichloropropane
 Concen: 3.825 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

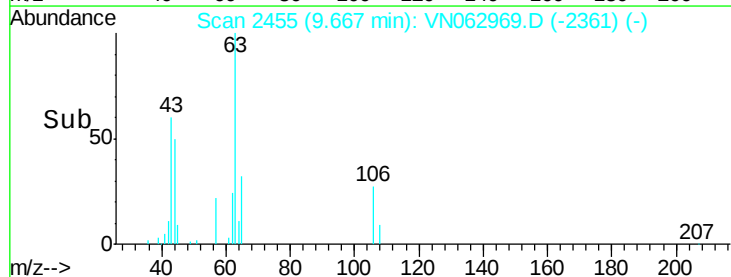
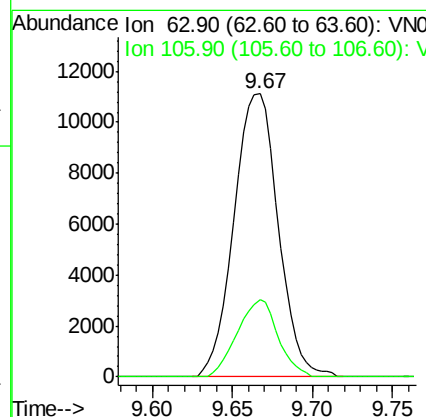
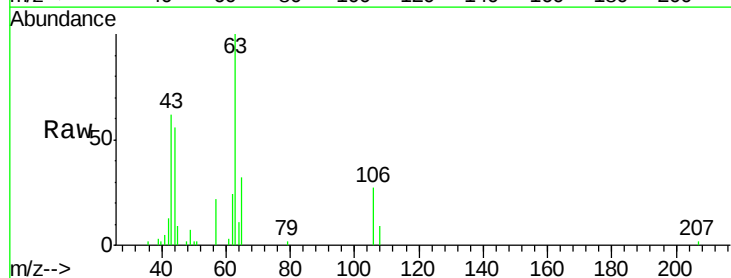
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

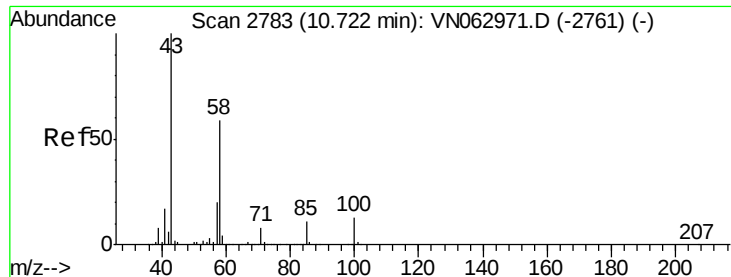
Tgt Ion: 76 Resp: 18396
 Ion Ratio Lower Upper
 76 100
 78 30.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.984 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 63 Resp: 20988
 Ion Ratio Lower Upper
 63 100
 106 25.0 23.4 35.2

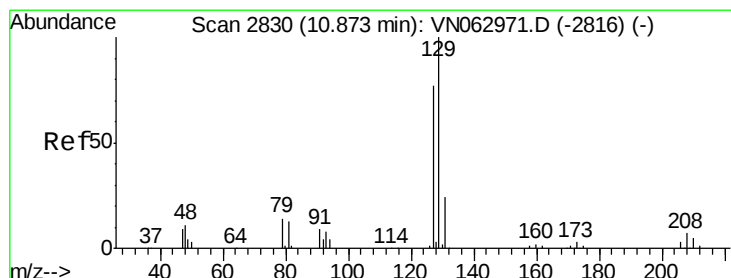
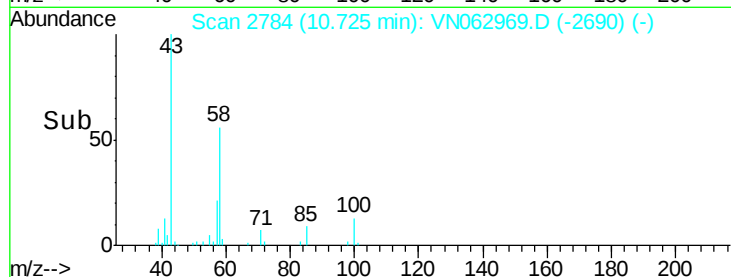
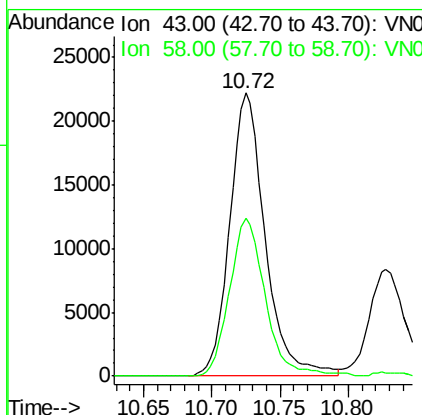
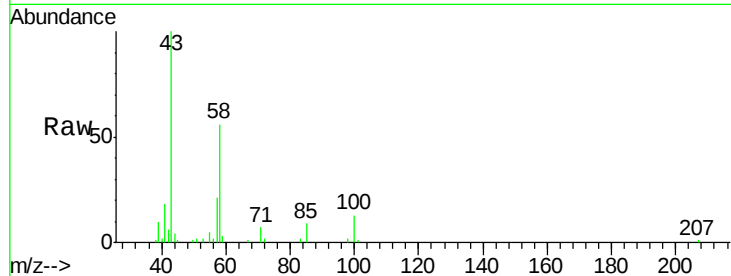




#59
2-Hexanone
Concen: 13.653 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

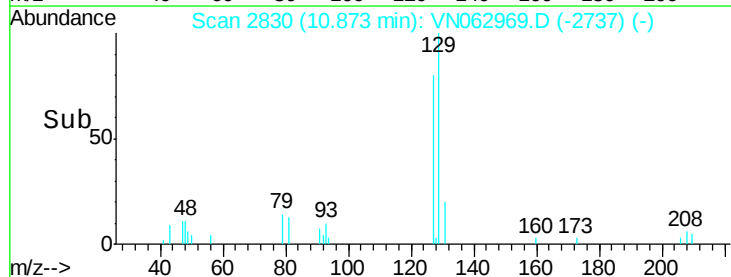
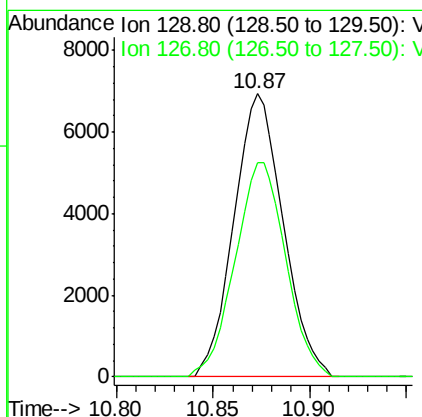
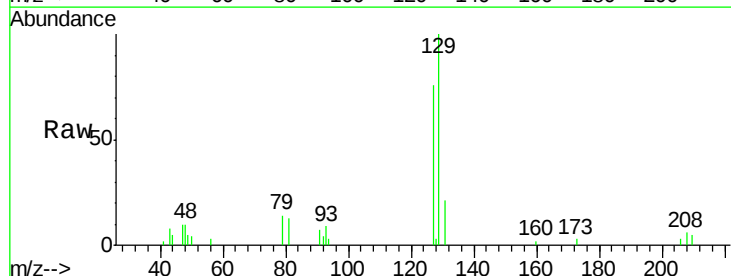
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

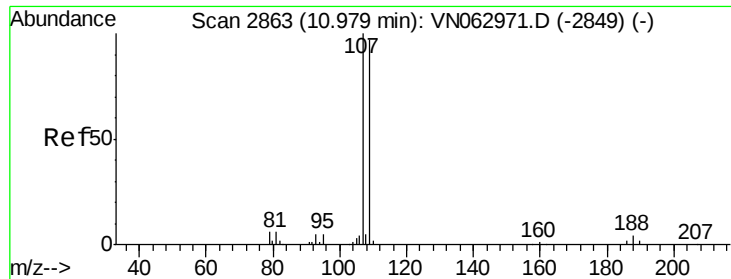
Tgt Ion: 43 Resp: 40000
Ion Ratio Lower Upper
43 100
58 56.5 29.5 88.5



#60
Dibromochloromethane
Concen: 3.768 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 129 Resp: 12276
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

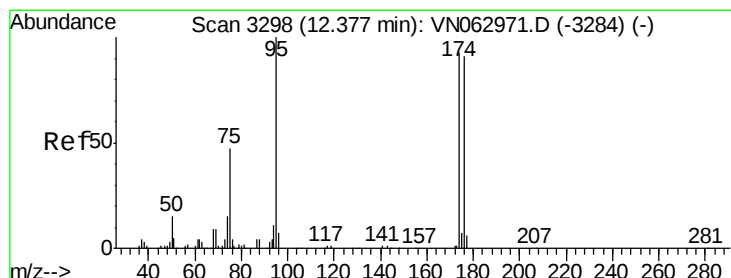
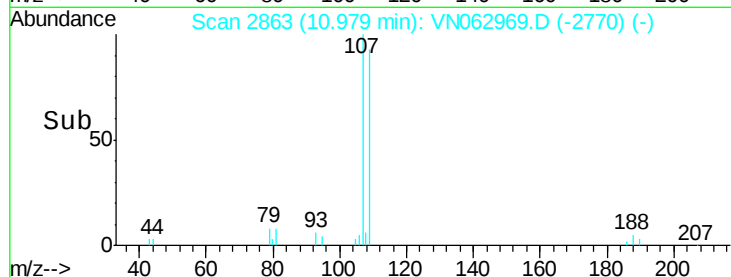
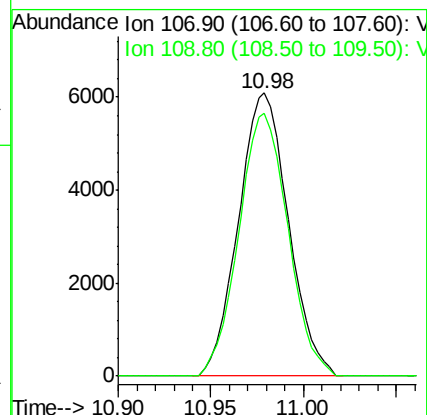
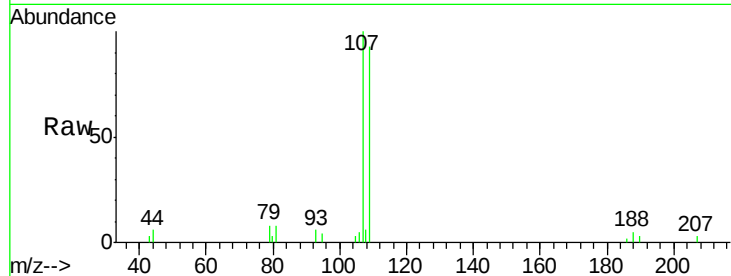




#61
 1,2-Dibromoethane
 Concen: 4.024 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

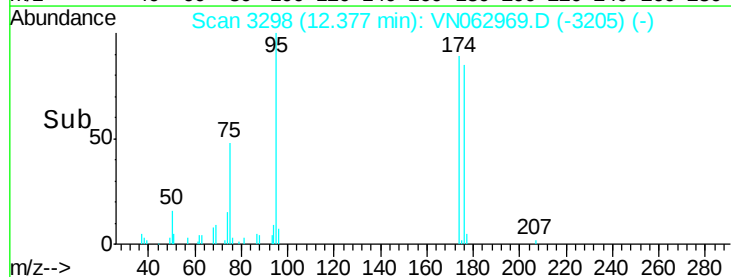
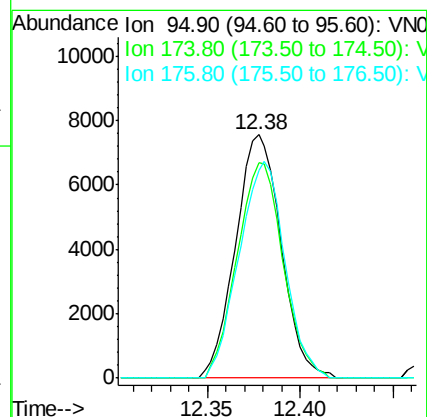
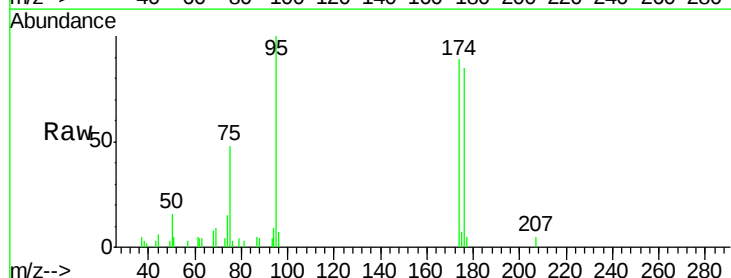
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

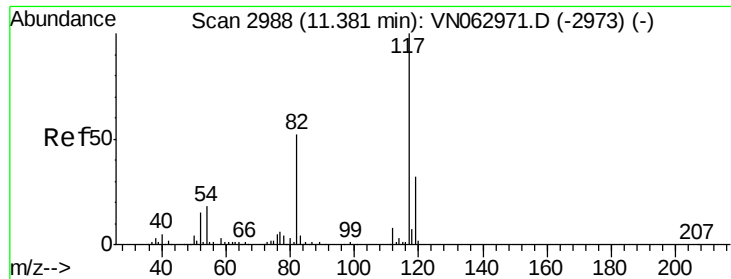
Tgt Ion: 107 Resp: 11410
 Ion Ratio Lower Upper
 107 100
 109 91.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 3.479 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 95 Resp: 12911
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 185.2
 176 89.1 0.0 178.8

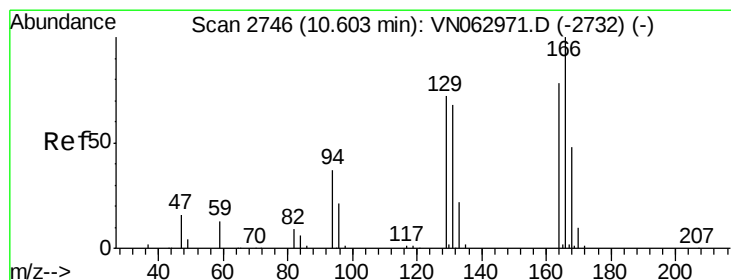
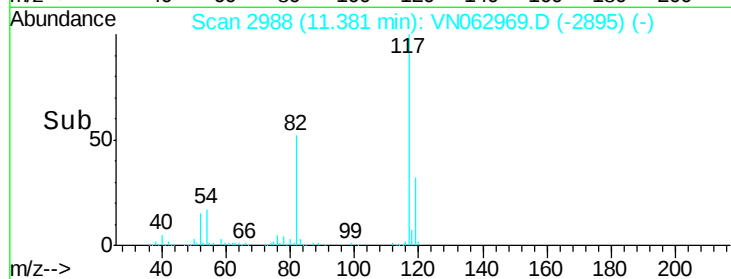
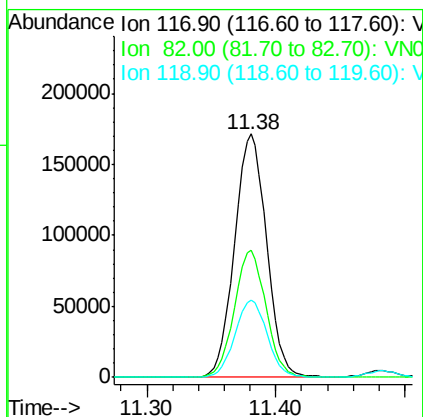
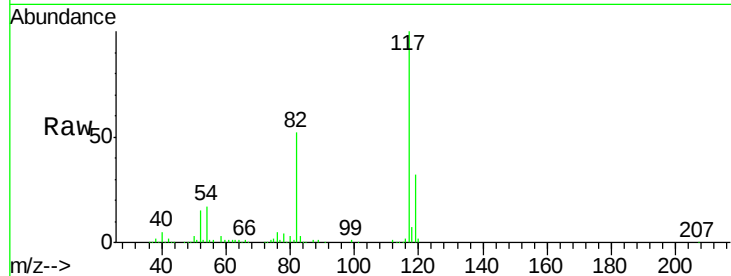




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

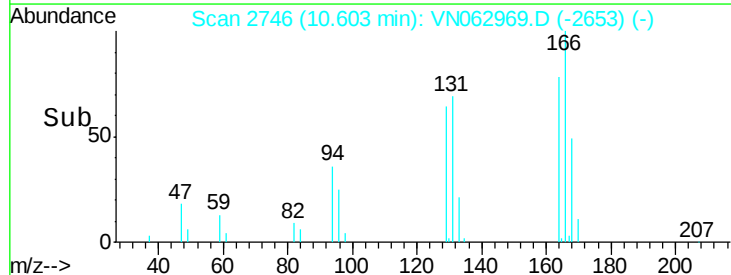
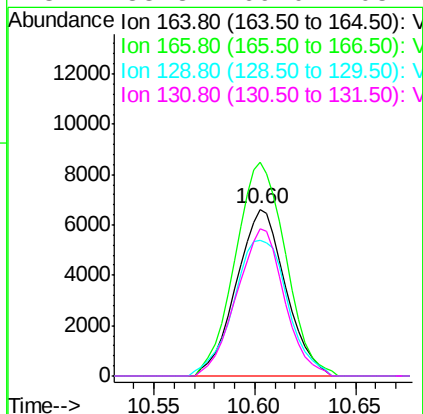
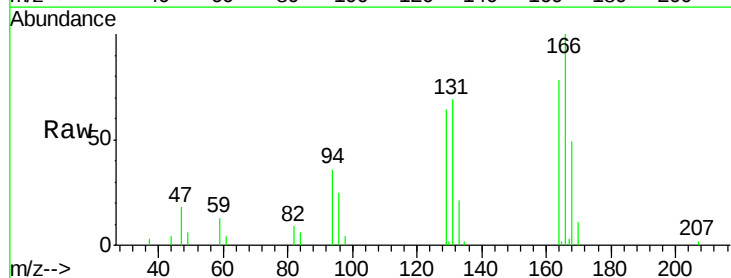
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

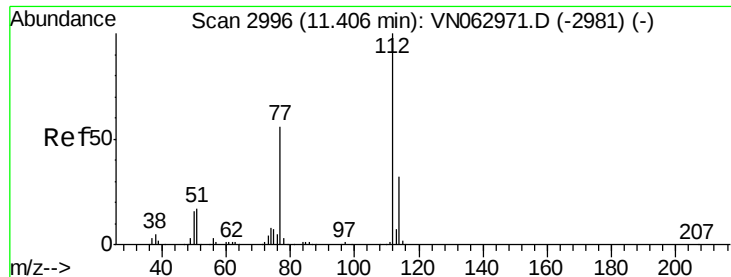
Tgt Ion:117 Resp: 296202
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 31.8 25.8 38.8



#64
Tetrachloroethene
Concen: 5.834 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion:164 Resp: 11304
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 81.5 73.1 109.7
131 88.3 69.0 103.4

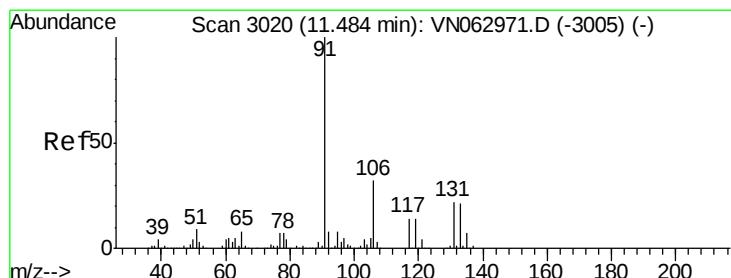
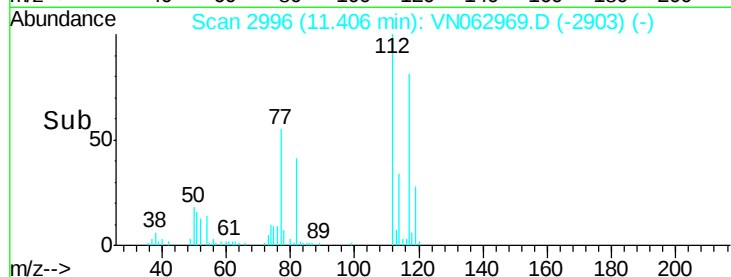
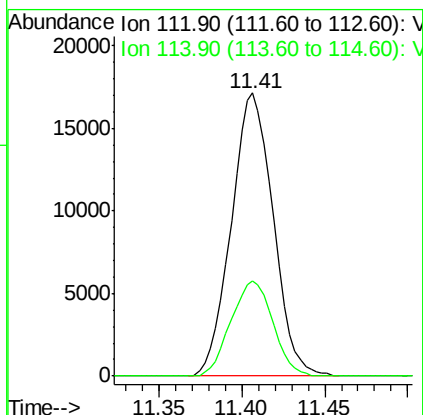
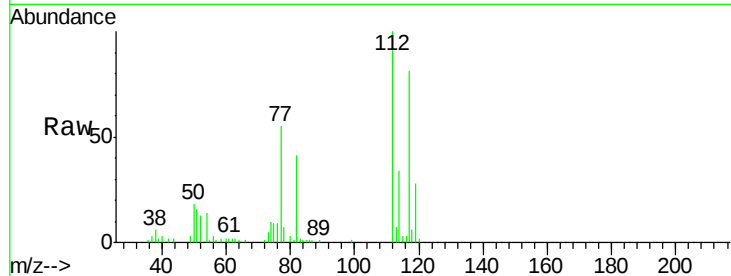




#65
Chlorobenzene
Concen: 4.883 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

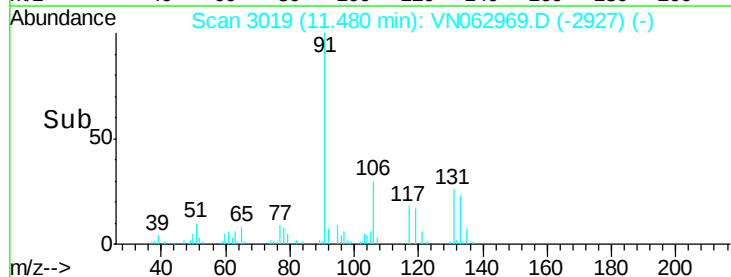
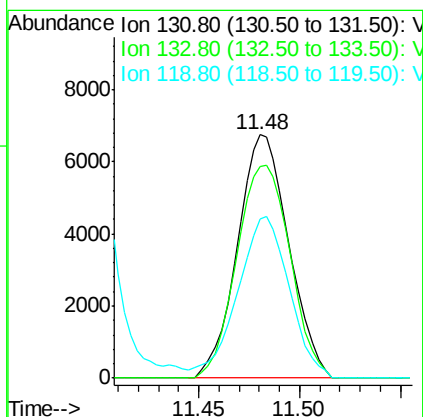
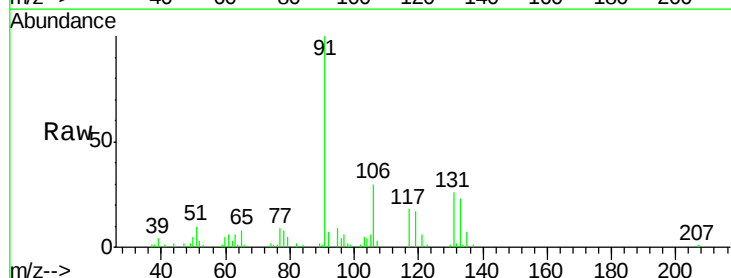
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

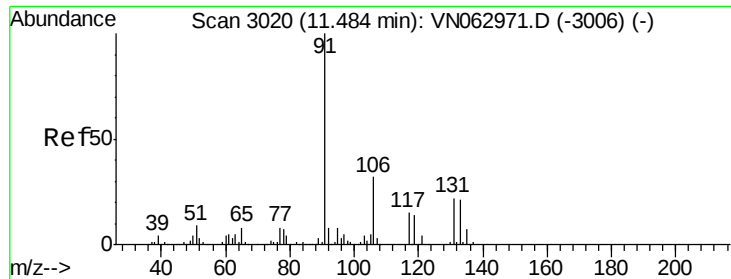
Tgt Ion:112 Resp: 30101
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.875 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion:131 Resp: 11977
Ion Ratio Lower Upper
131 100
133 91.4 47.8 143.4
119 67.0 32.4 97.0

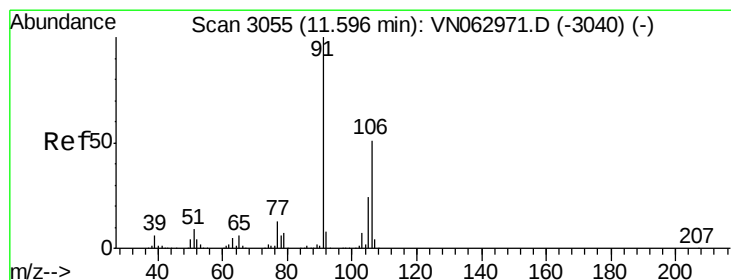
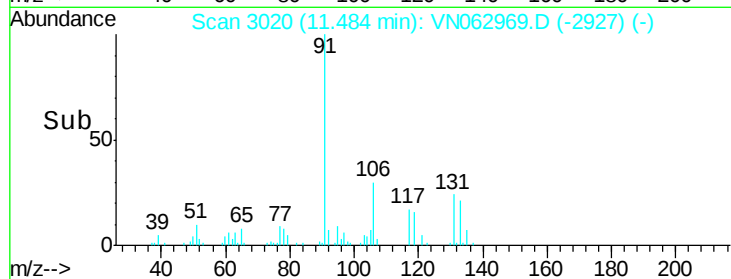
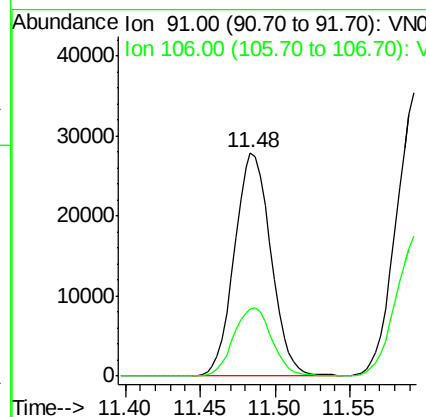
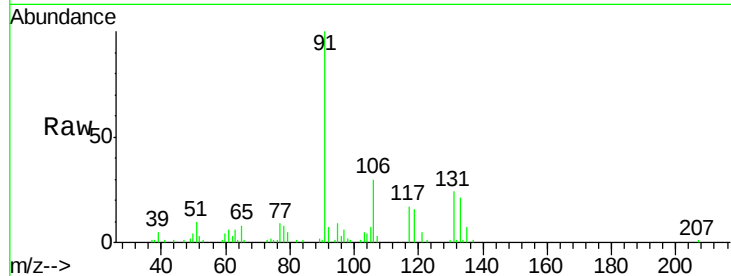




#67
Ethyl Benzene
Concen: 4.359 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

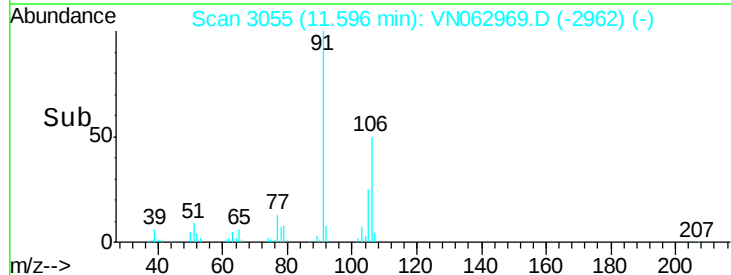
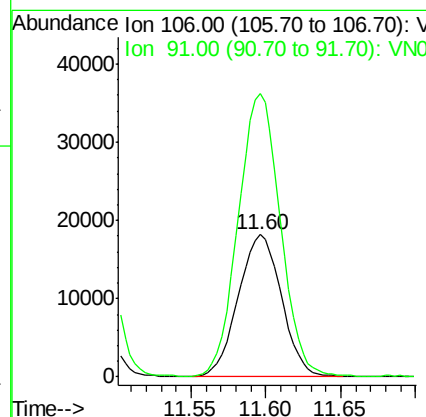
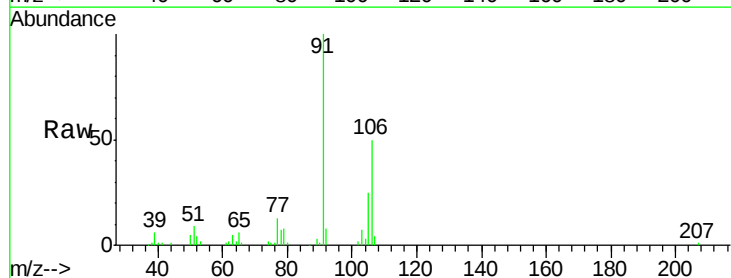
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

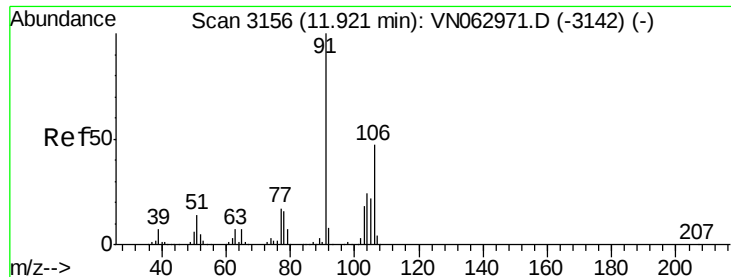
Tgt Ion: 91 Resp: 47424
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9



#68
m/p-Xylenes
Concen: 9.148 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion: 106 Resp: 36484
Ion Ratio Lower Upper
106 100
91 195.2 158.7 238.1

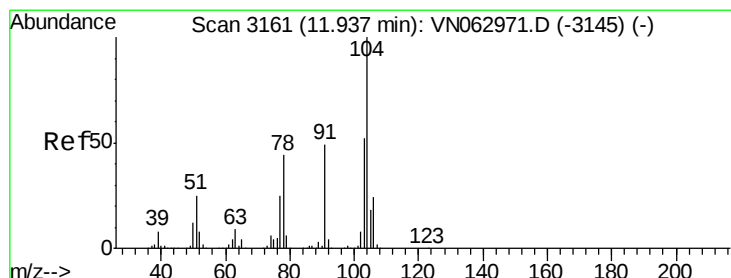
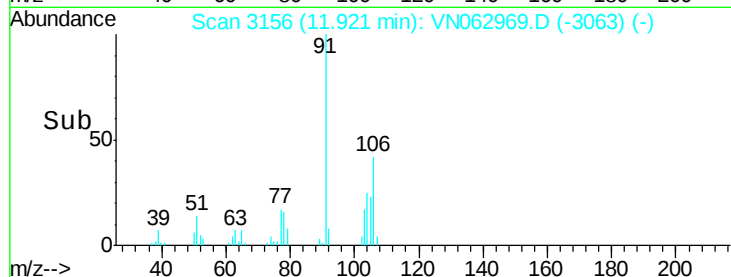
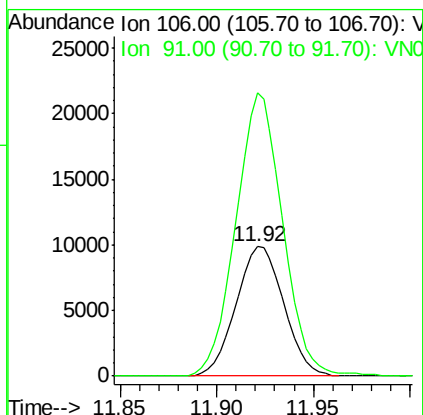
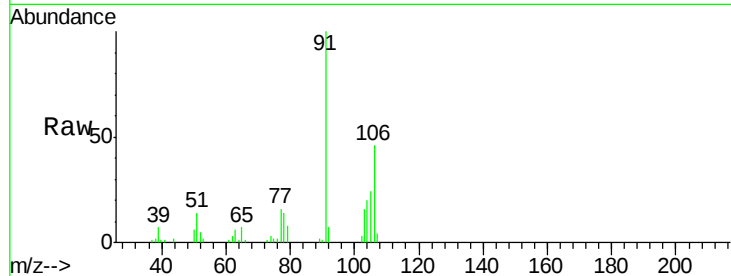




#69
o-Xylene
Concen: 4.536 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

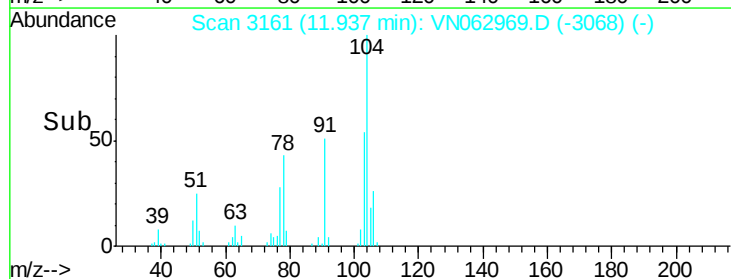
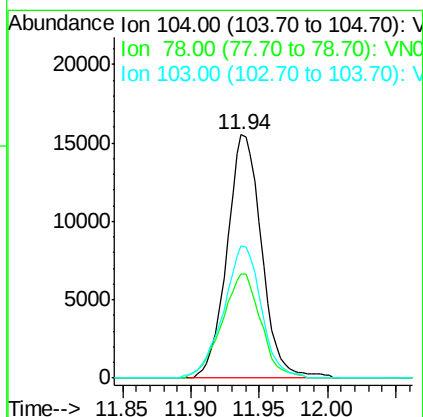
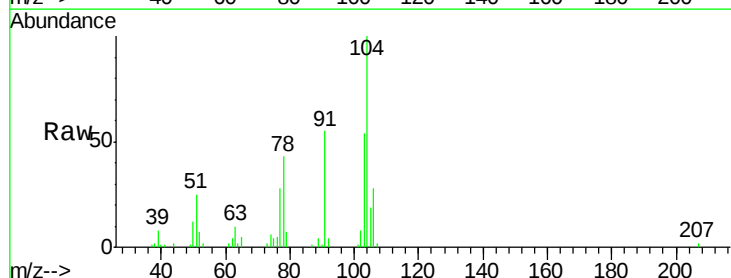
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

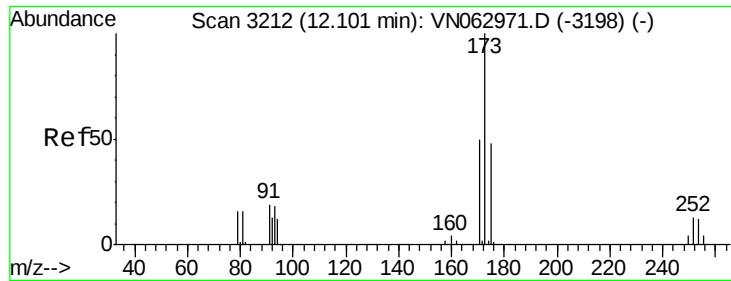
Tgt Ion:106 Resp: 16916
Ion Ratio Lower Upper
106 100
91 214.9 106.3 318.8



#70
Styrene
Concen: 4.181 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion:104 Resp: 27389
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 59.2 44.9 67.3





#71

Bromoform

Concen: 4.717 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

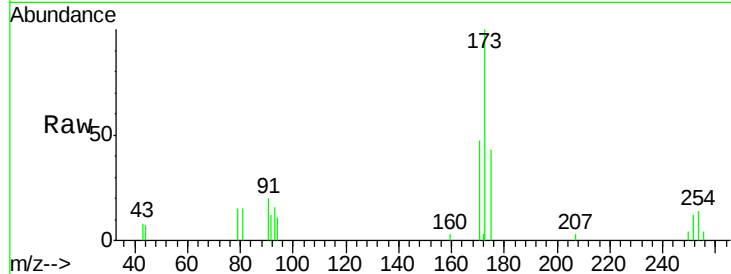
Tgt Ion:173 Resp: 9574

Ion Ratio Lower Upper

173 100

175 44.2 24.1 72.2

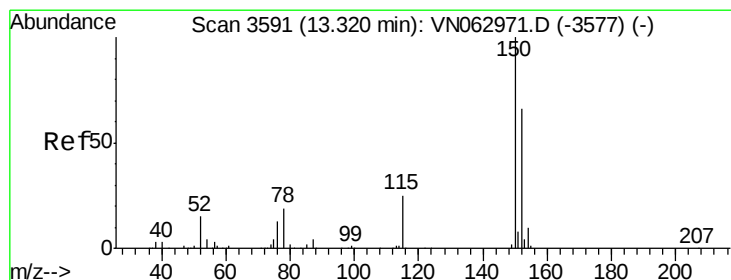
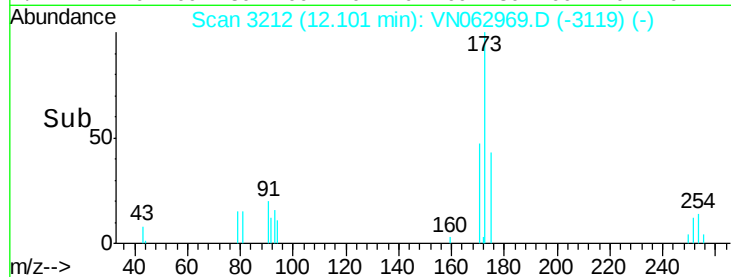
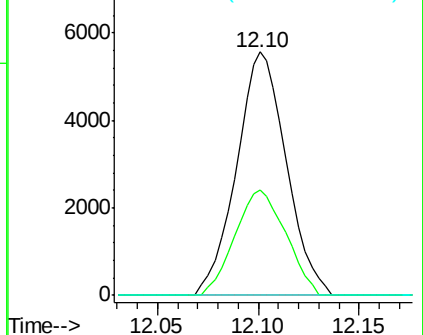
254 0.0 0.0 0.0



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: VN062969.D

Acq: 17 Aug 2020 13:50

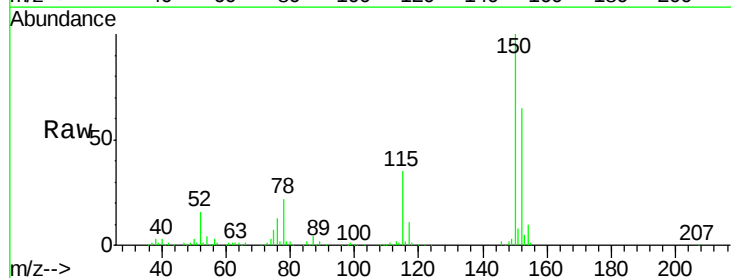
Tgt Ion:152 Resp: 129236

Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.3

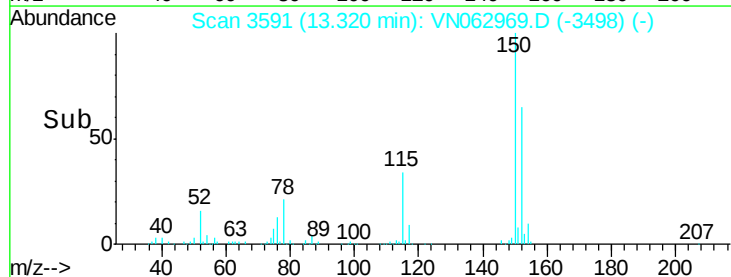
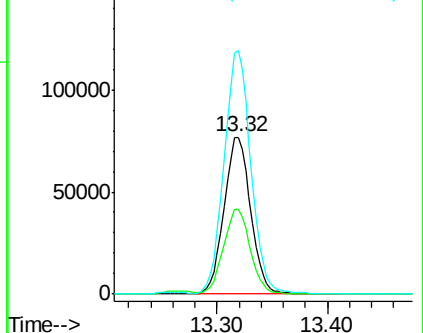
150 153.7 0.0 341.4

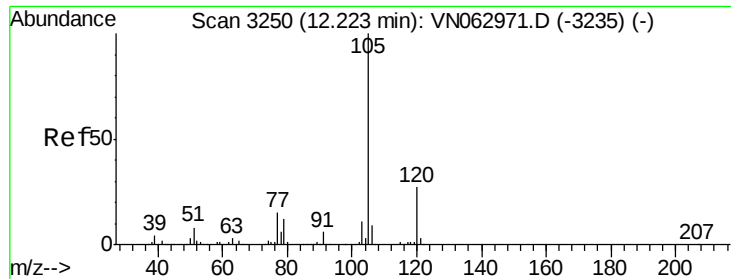


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.614 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

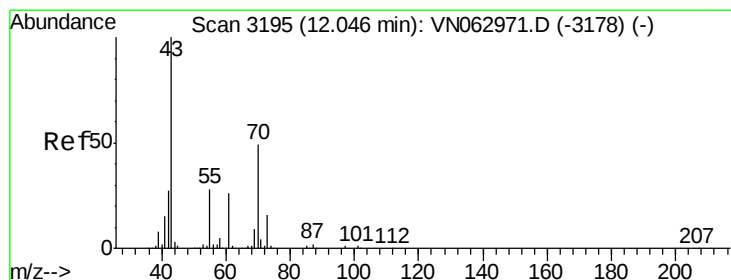
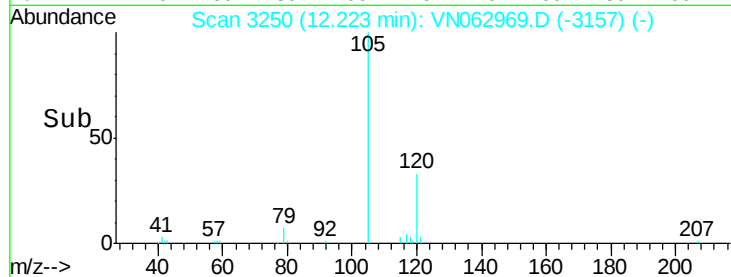
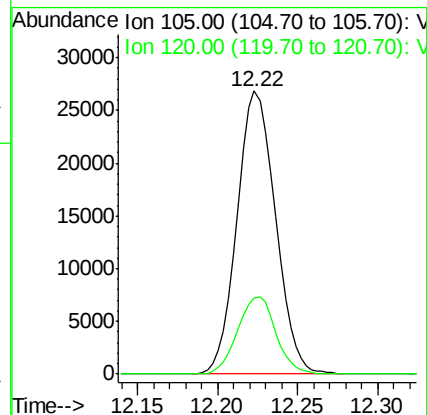
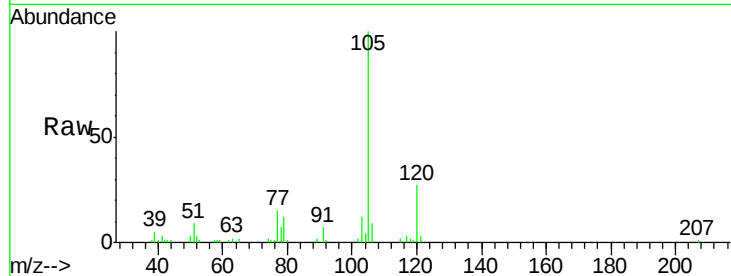
VSTDIC005

Tgt Ion: 105 Resp: 43966

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 3.667 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Tgt Ion: 43 Resp: 13625

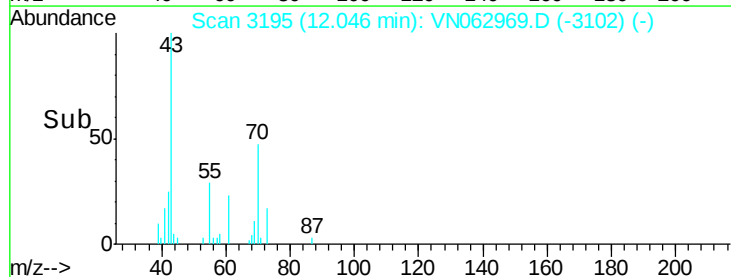
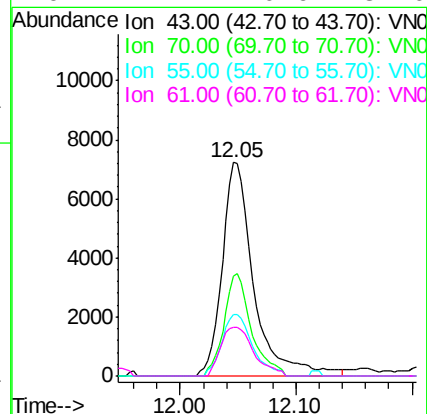
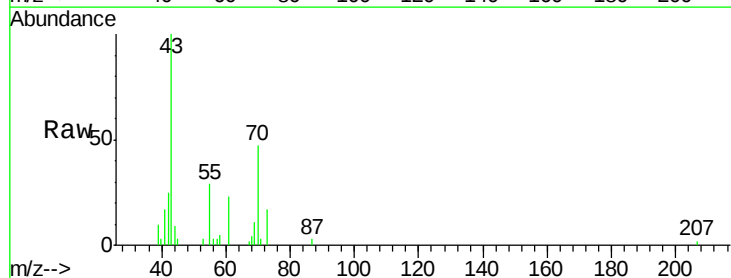
Ion Ratio Lower Upper

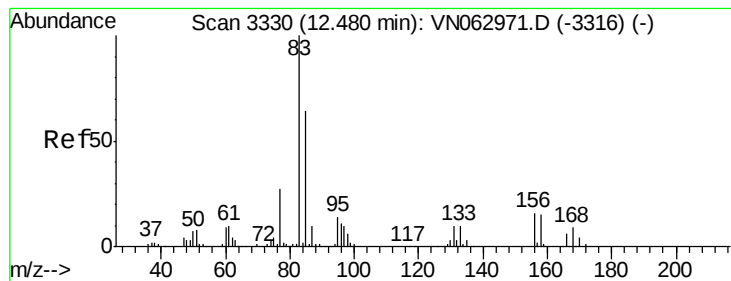
43 100

70 41.2 38.4 57.6

55 28.1 21.9 32.9

61 24.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.670 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

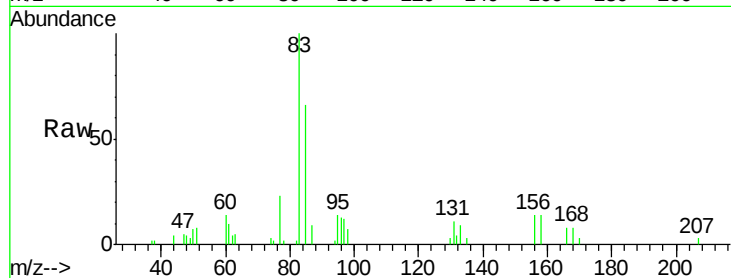
Tgt Ion: 83 Resp: 15648

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

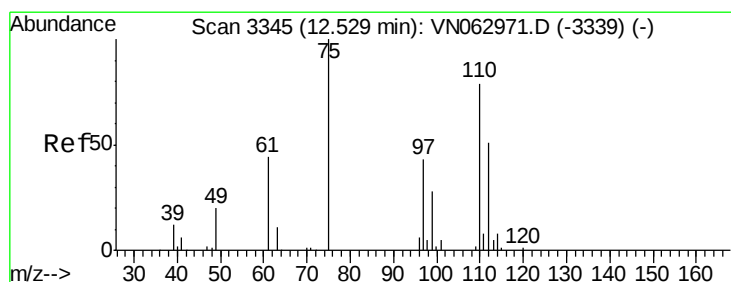
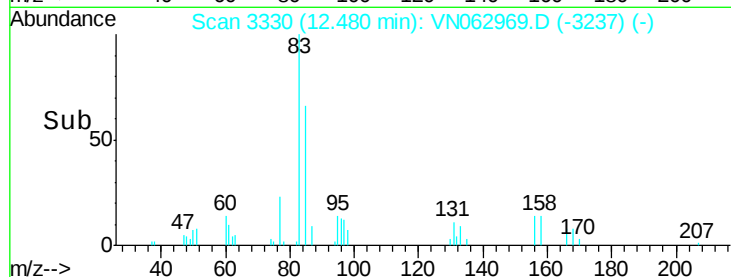
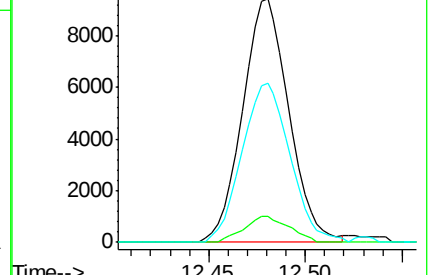
85 68.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN062969.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062969.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062969.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 5.550 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062969.D

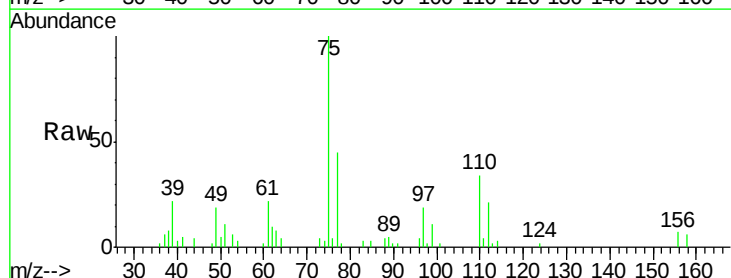
Acq: 17 Aug 2020 13:50

Tgt Ion: 75 Resp: 18569

Ion Ratio Lower Upper

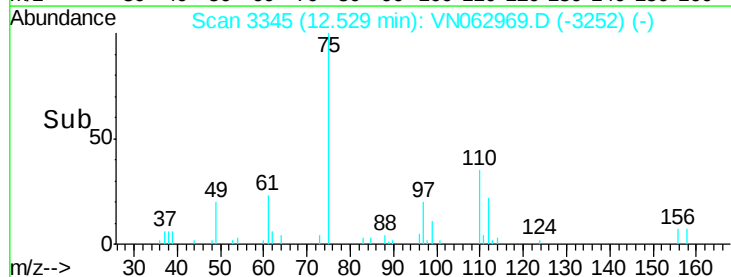
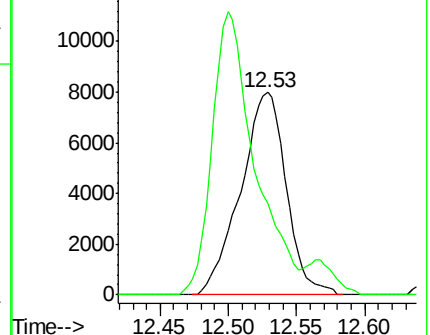
75 100

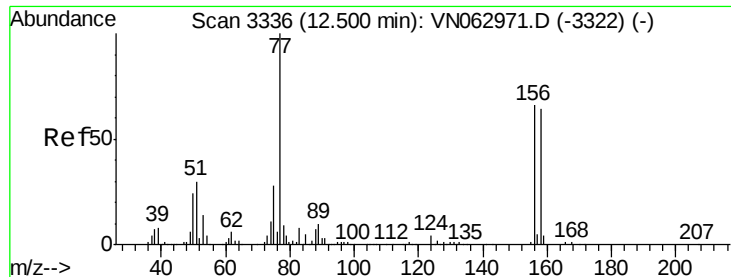
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062969.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062969.D (-3252) (-)





#77

Bromobenzene

Concen: 5.298 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

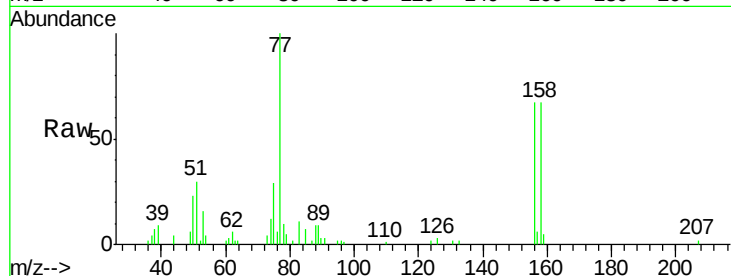
Tgt Ion:156 Resp: 12869

Ion Ratio Lower Upper

156 100

77 187.7 92.4 277.2

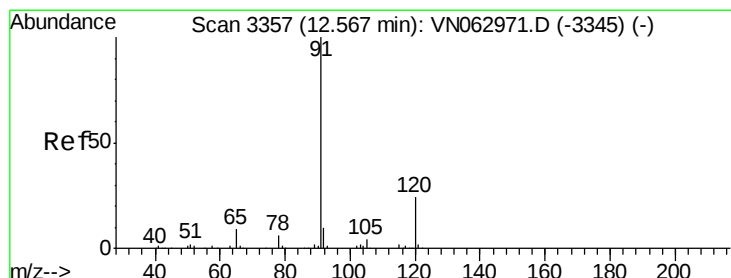
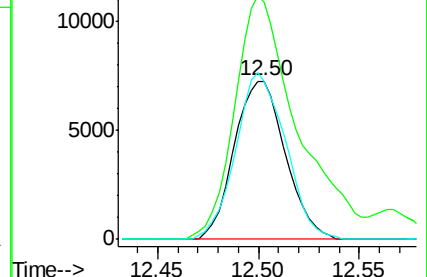
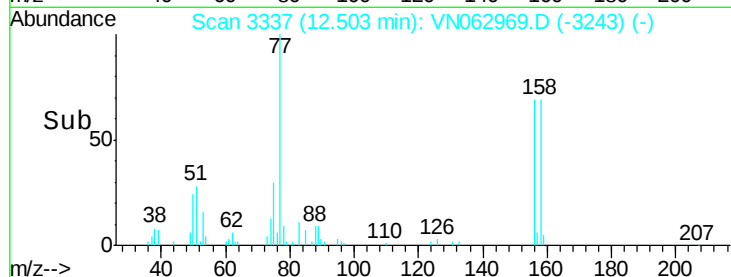
158 102.9 48.6 145.8



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



#78

n-propylbenzene

Concen: 4.287 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062969.D

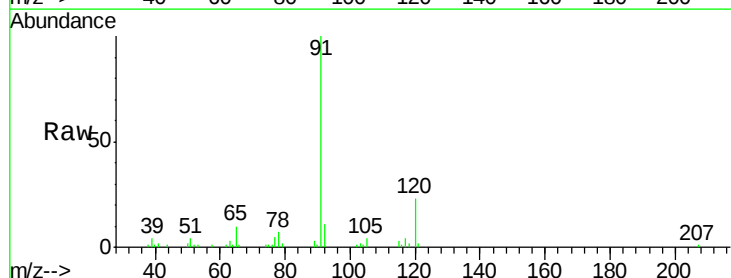
Acq: 17 Aug 2020 13:50

Tgt Ion: 91 Resp: 47780

Ion Ratio Lower Upper

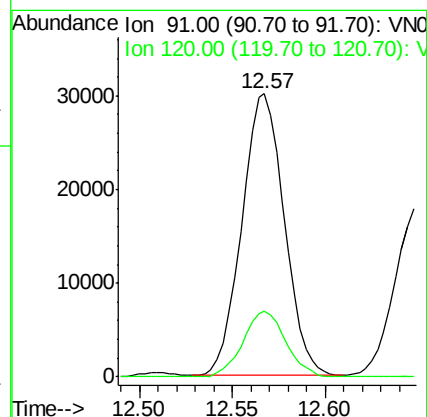
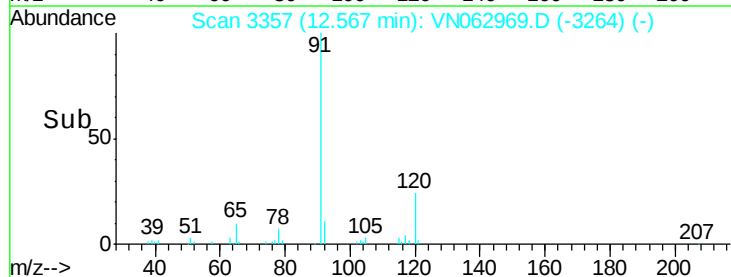
91 100

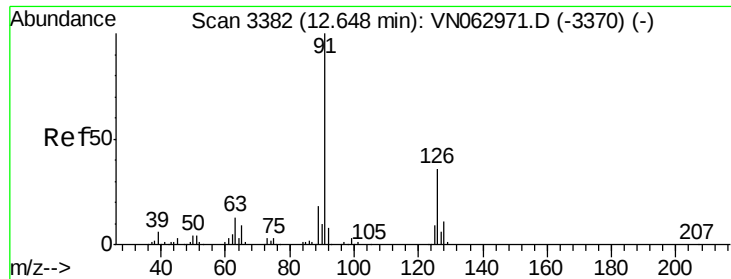
120 23.4 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.438 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

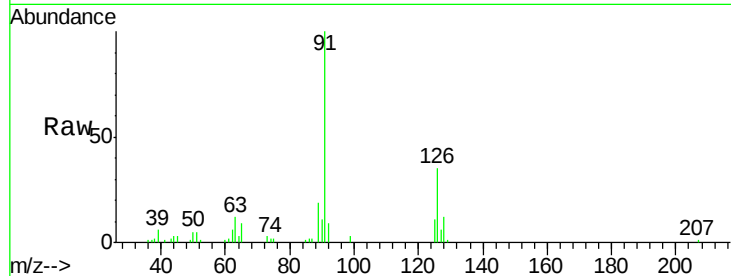
VSTDIC005

Tgt Ion: 91 Resp: 30874

Ion Ratio Lower Upper

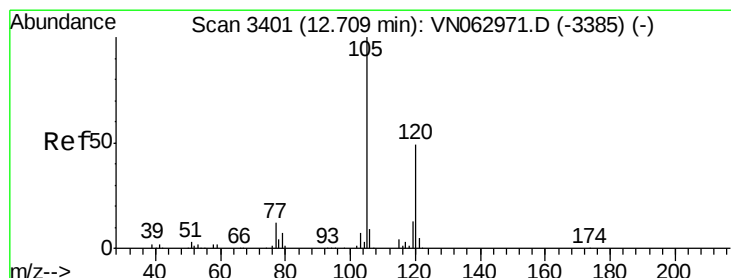
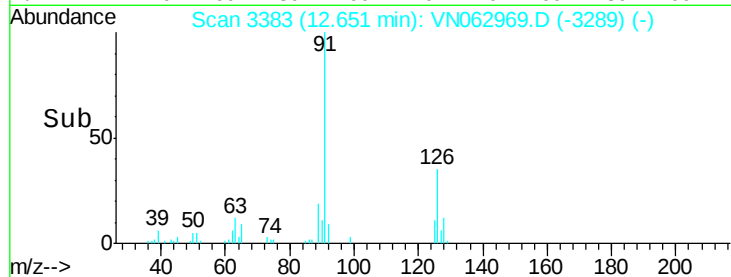
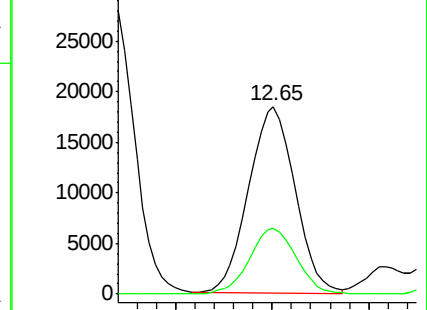
91 100

126 35.5 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062971.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.396 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062969.D

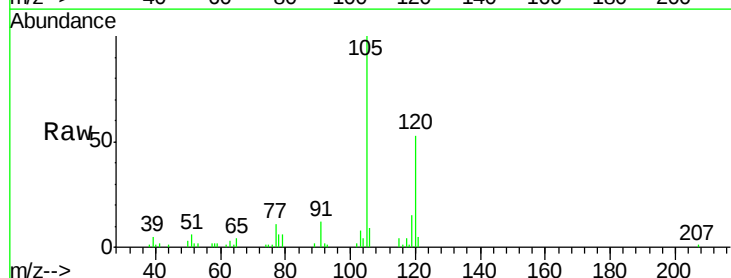
Acq: 17 Aug 2020 13:50

Tgt Ion: 105 Resp: 36266

Ion Ratio Lower Upper

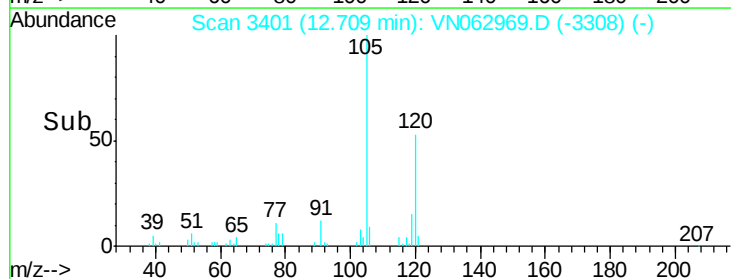
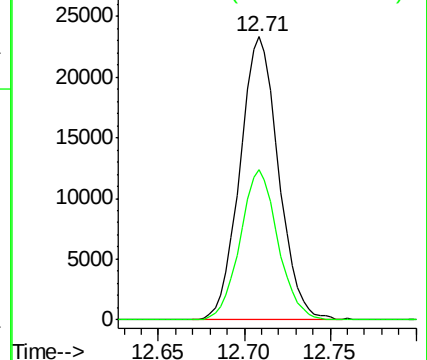
105 100

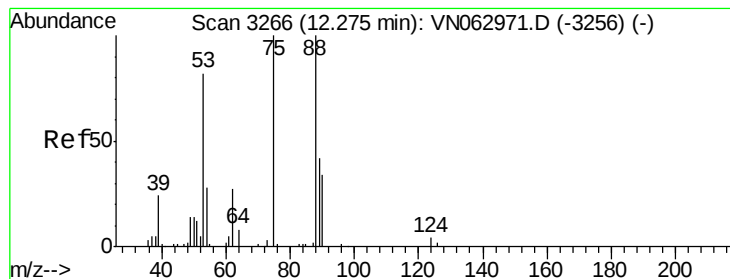
120 51.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.059 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

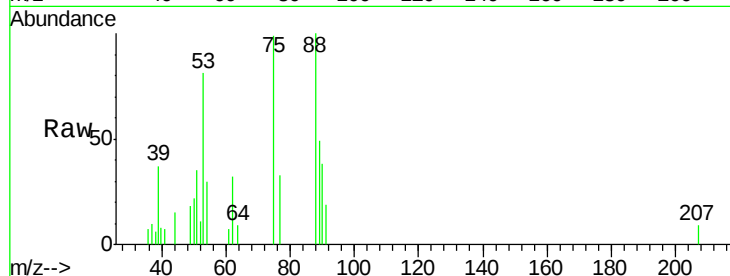
Tgt Ion: 75 Resp: 4413

Ion Ratio Lower Upper

75 100

53 81.2 66.2 99.2

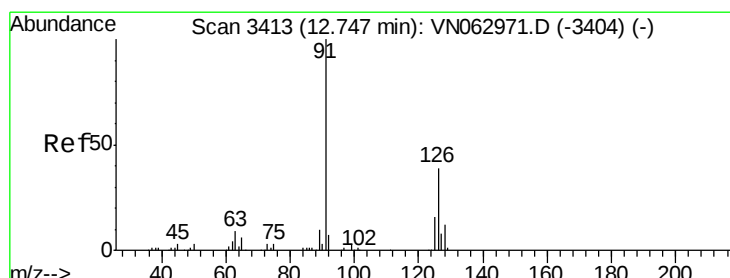
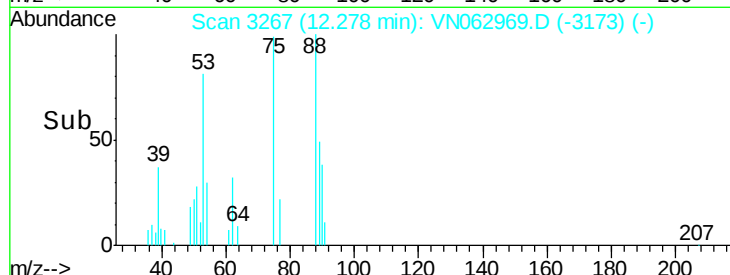
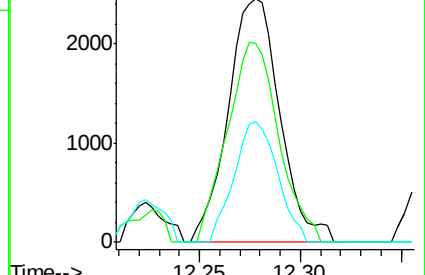
89 41.6 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN062969.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062969.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062969.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 4.204 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062969.D

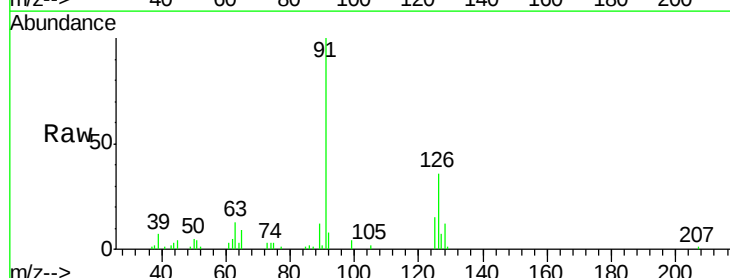
Acq: 17 Aug 2020 13:50

Tgt Ion: 91 Resp: 30202

Ion Ratio Lower Upper

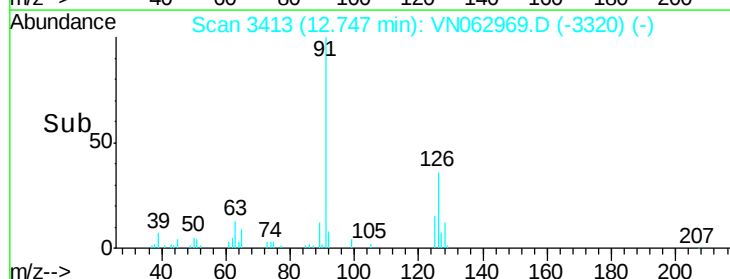
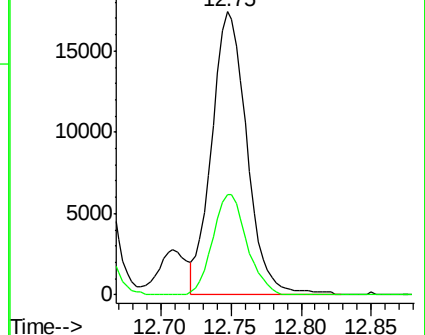
91 100

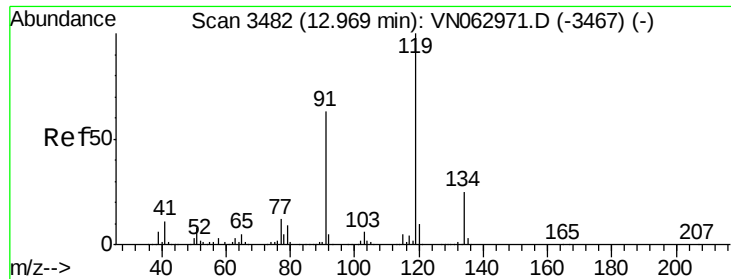
126 34.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN062969.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062969.D (-3320) (-)

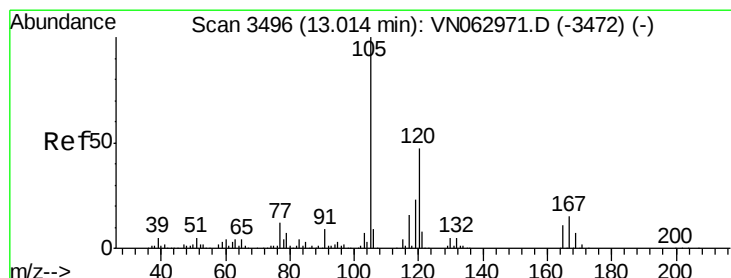
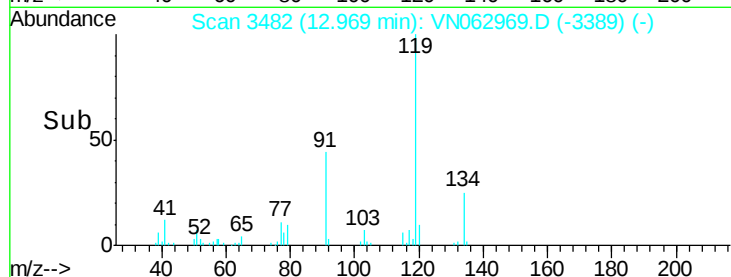
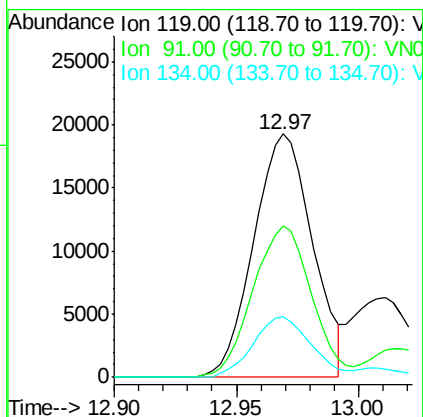
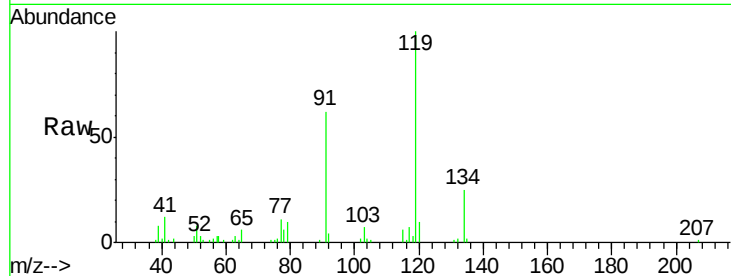




#83
 tert-Butylbenzene
 Concen: 4.592 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

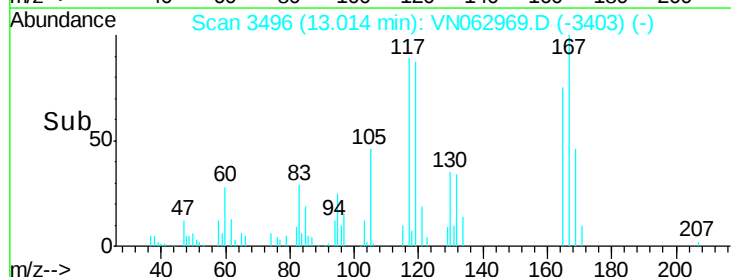
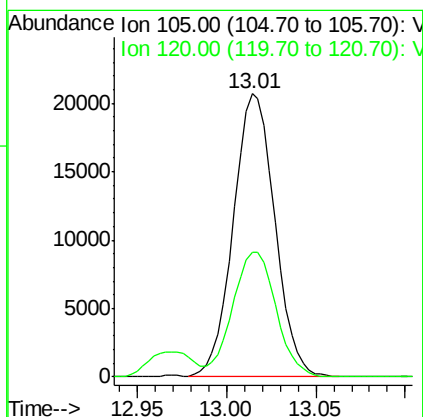
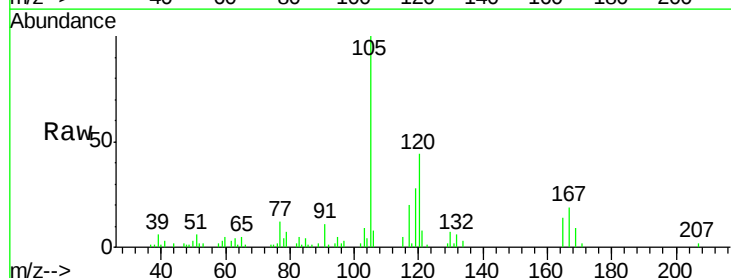
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

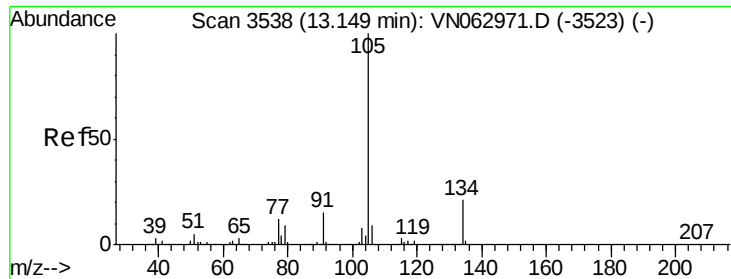
Tgt Ion:119 Resp: 32207
 Ion Ratio Lower Upper
 119 100
 91 62.2 31.0 93.0
 134 24.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.246 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion:105 Resp: 33533
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

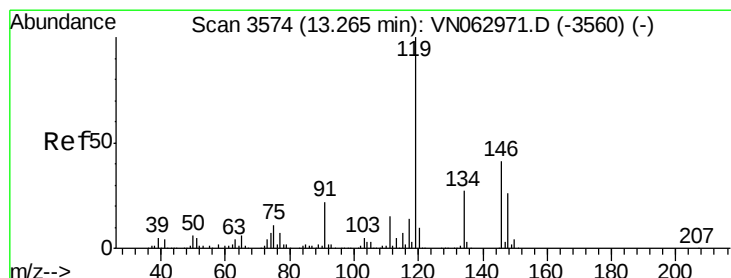
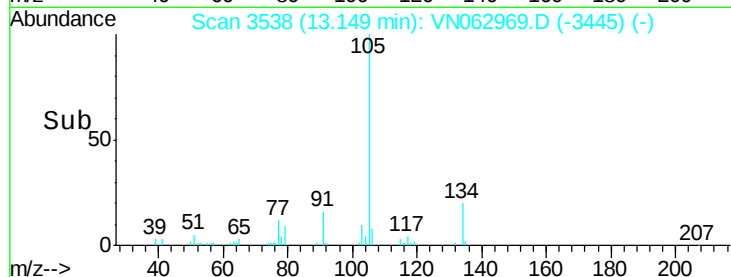
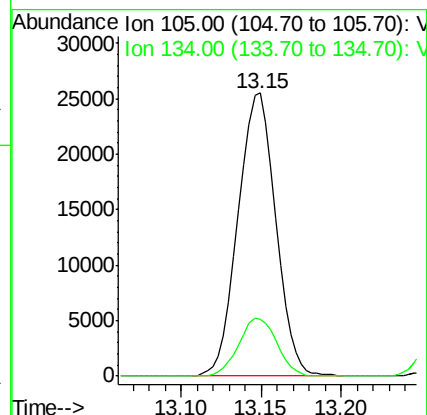
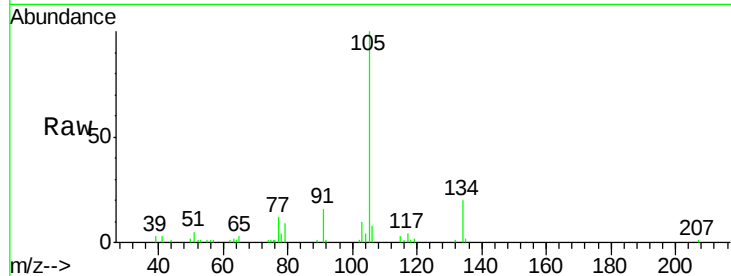




#85
 sec-Butylbenzene
 Concen: 4.467 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

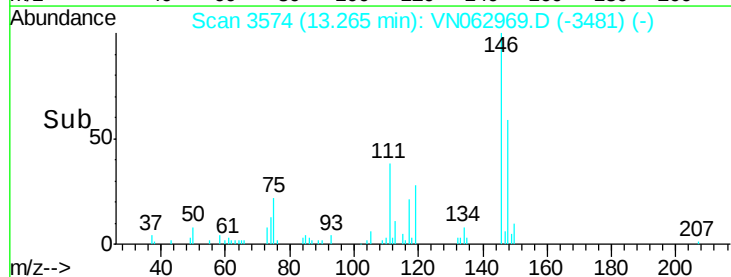
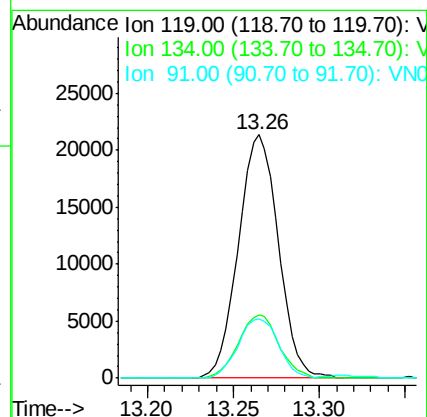
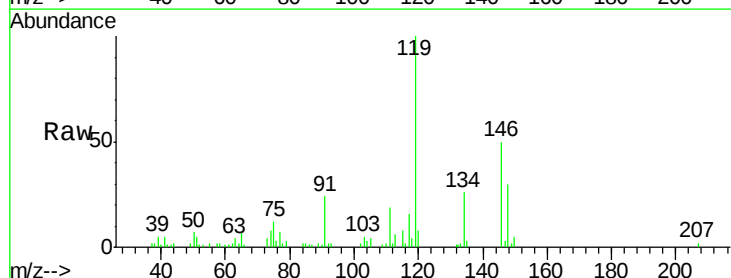
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

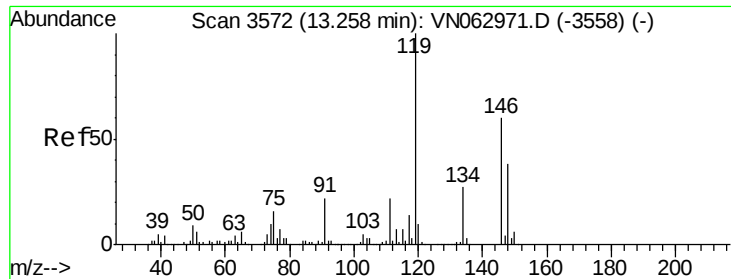
Tgt Ion:105 Resp: 41096
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.221 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion:119 Resp: 34503
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 24.7 11.1 33.1

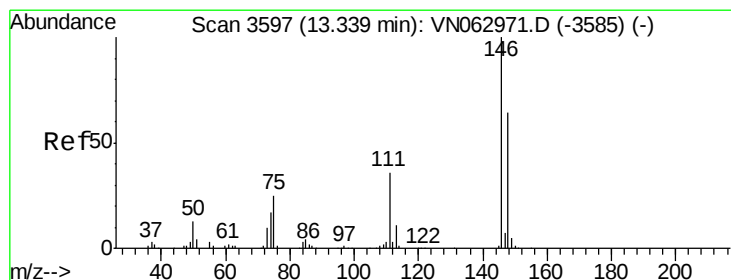
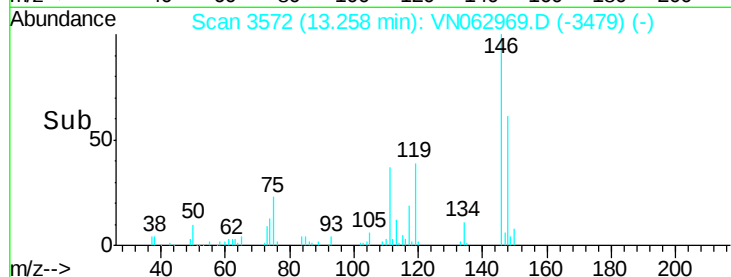
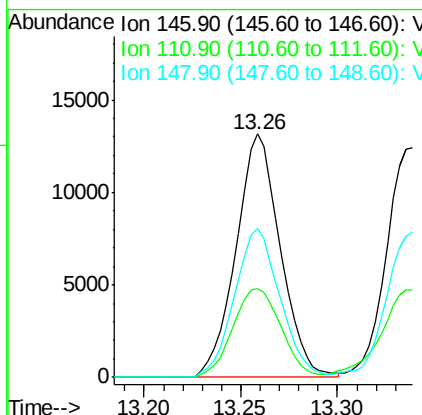
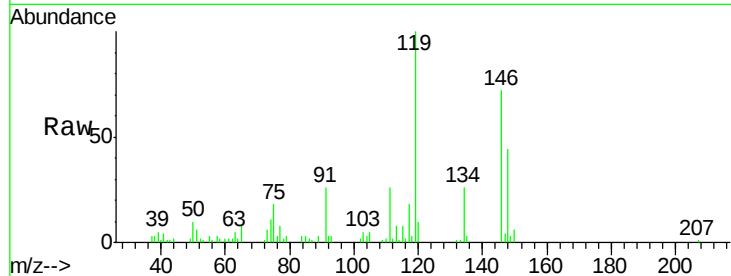




#87
 1,3-Dichlorobenzene
 Concen: 4.871 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

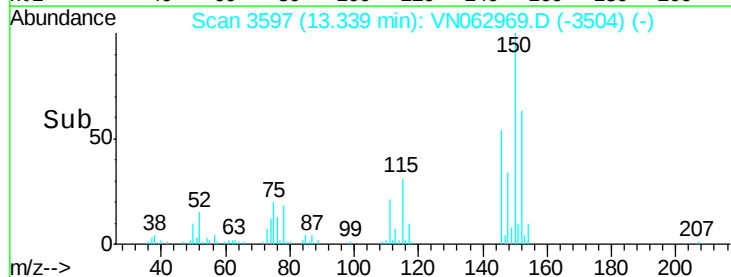
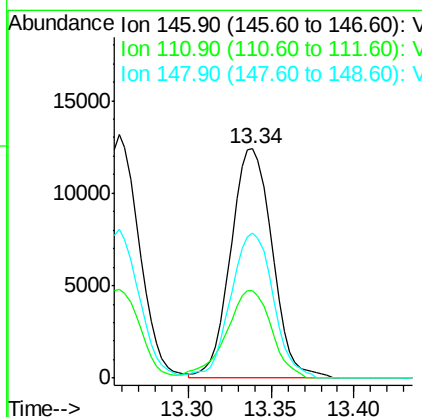
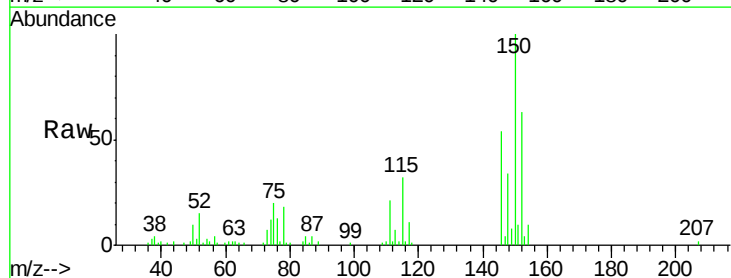
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

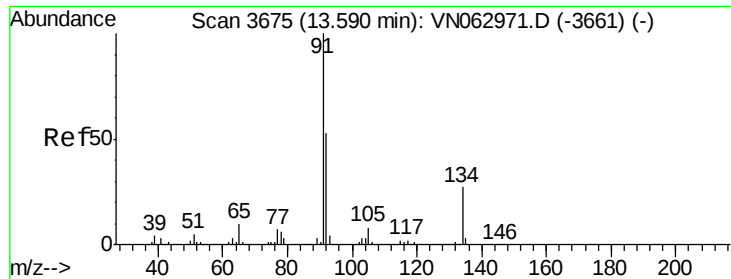
Tgt Ion:146 Resp: 20968
 Ion Ratio Lower Upper
 146 100
 111 39.4 18.9 56.5
 148 62.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.011 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion:146 Resp: 21705
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.4 55.2
 148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 3.799 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN062969.D

Acq: 17 Aug 2020 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

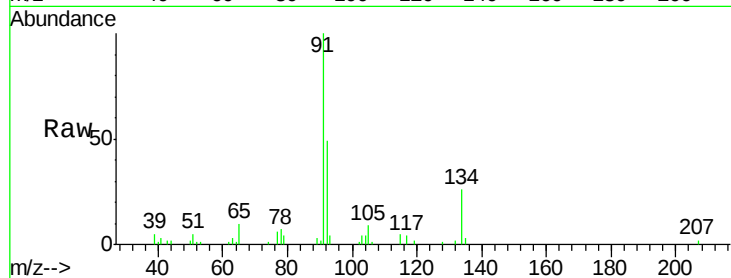
Tgt Ion: 91 Resp: 26086

Ion Ratio Lower Upper

91 100

92 48.8 26.3 78.8

134 25.5 13.4 40.2

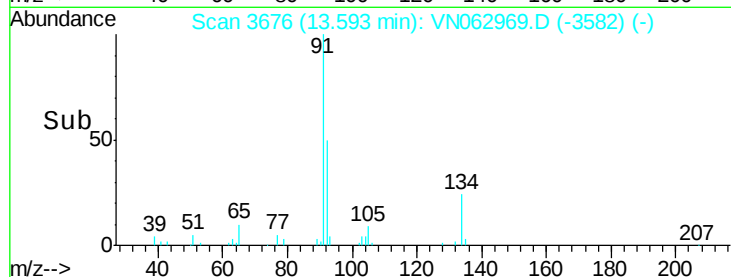


Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062971.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062971.D (-3661) (-)

Time--> 13.50 13.60 13.70

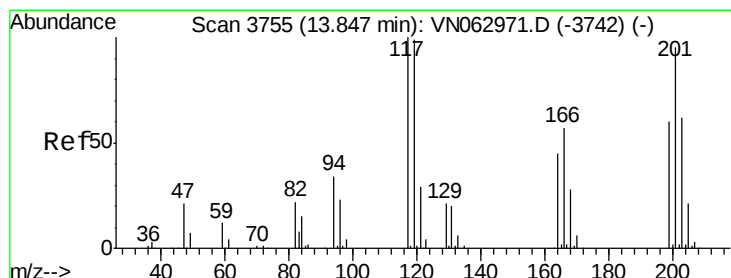


Abundance Ion 91.00 (90.70 to 91.70): VN062969.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062969.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062969.D (-3582) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 4.569 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062969.D

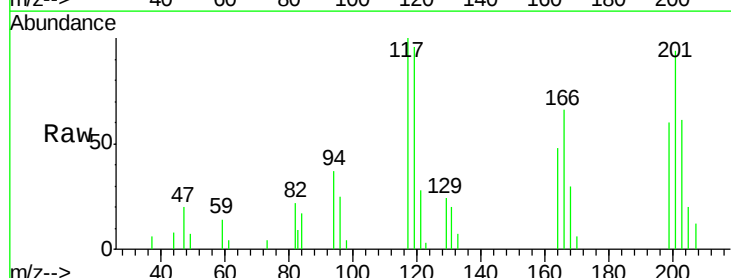
Acq: 17 Aug 2020 13:50

Tgt Ion: 117 Resp: 7991

Ion Ratio Lower Upper

117 100

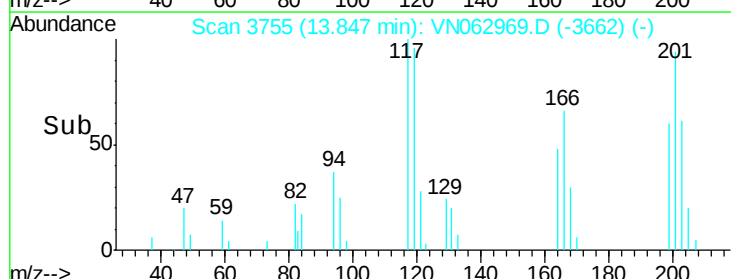
201 93.7 48.4 145.3



Abundance Ion 116.80 (116.50 to 117.50): VN062971.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062971.D (-3742) (-)

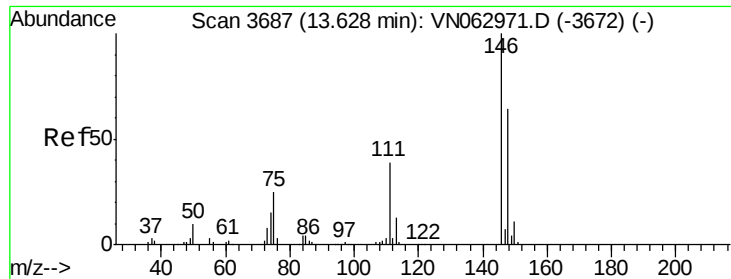
Time--> 13.80 13.85 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN062969.D (-3662) (-)

Ion 200.70 (200.40 to 201.40): VN062969.D (-3662) (-)

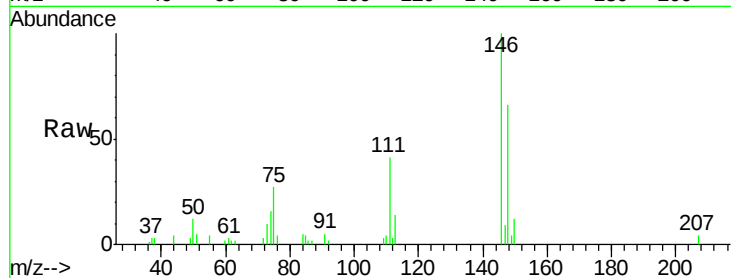
Time--> 13.80 13.85 13.90



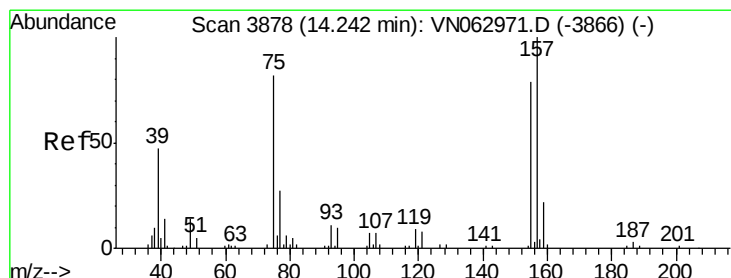
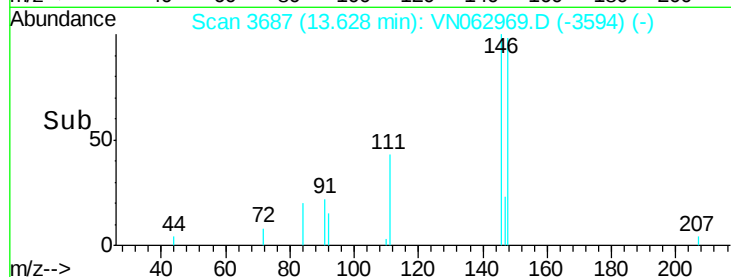
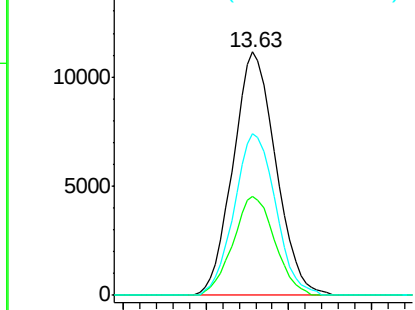
#91
 1,2-Dichlorobenzene
 Concen: 4.923 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 146 Resp: 19937
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.4 58.4
 148 64.5 32.5 97.5

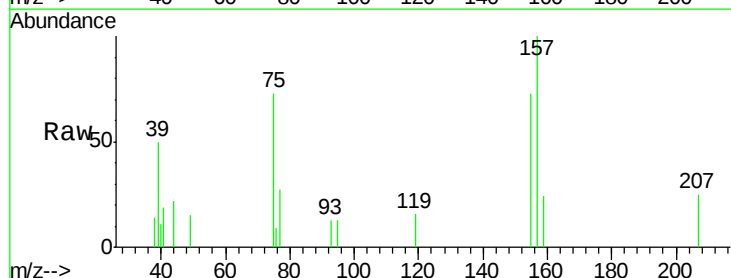


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

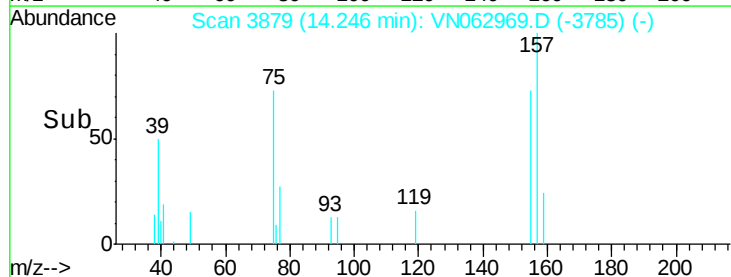
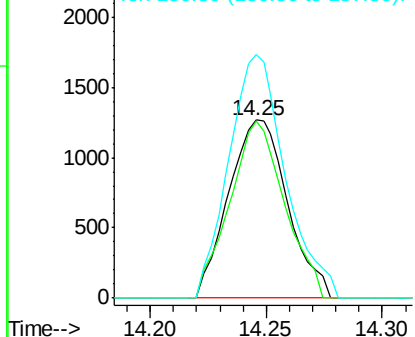


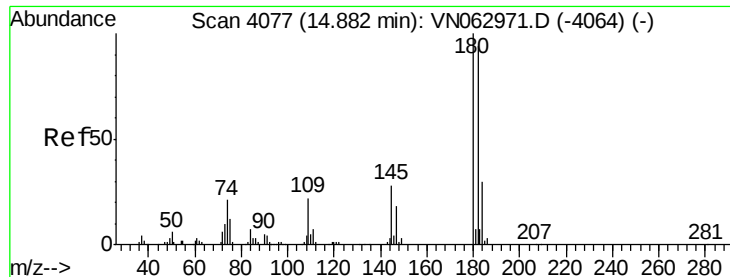
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.233 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion: 75 Resp: 2236
 Ion Ratio Lower Upper
 75 100
 155 92.3 47.6 142.8
 157 131.5 61.4 184.1



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

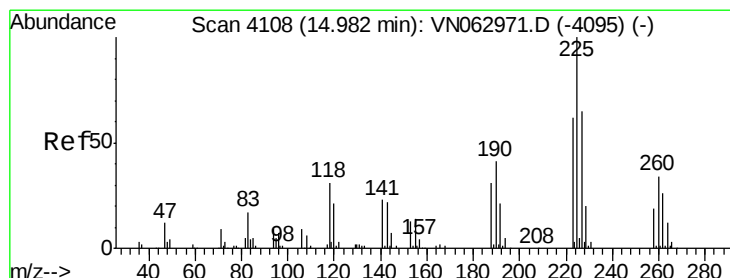
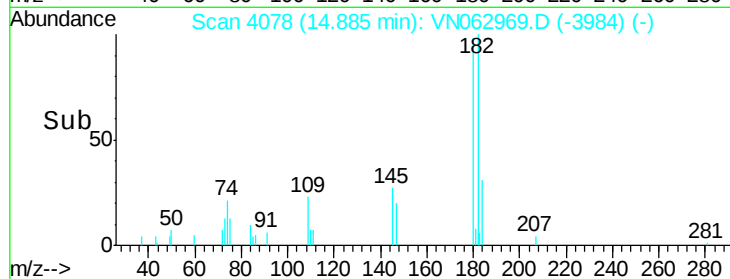
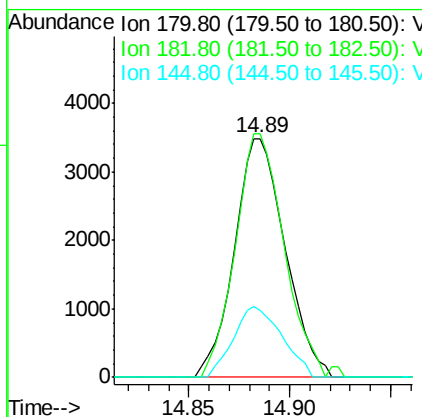
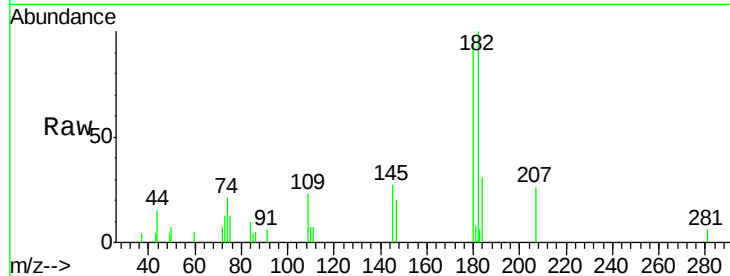




#93
 1,2,4-Trichlorobenzene
 Concen: 3.191 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

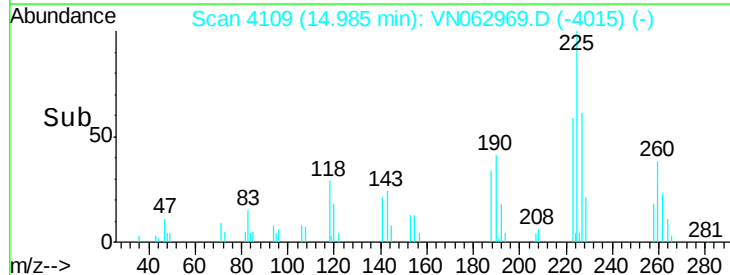
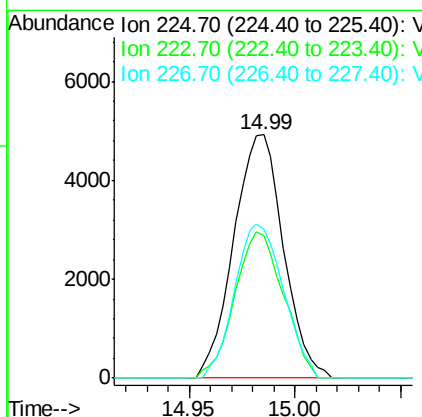
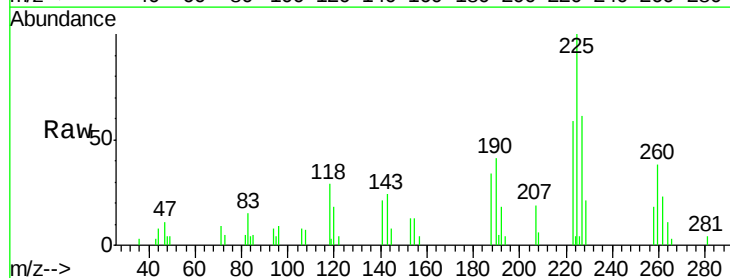
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

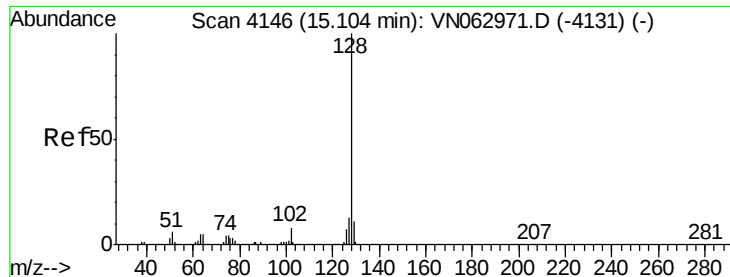
Tgt Ion:180 Resp: 6118
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.8 143.3
 145 28.4 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 5.614 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062969.D
 Acq: 17 Aug 2020 13:50

Tgt Ion:225 Resp: 8071
 Ion Ratio Lower Upper
 225 100
 223 58.8 30.9 92.5
 227 62.0 32.0 96.0

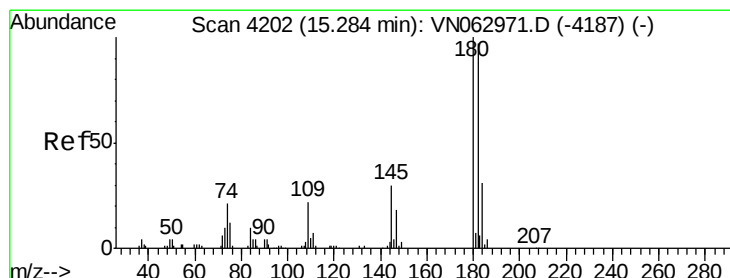
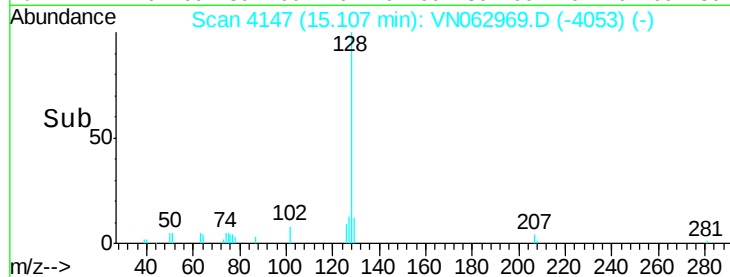
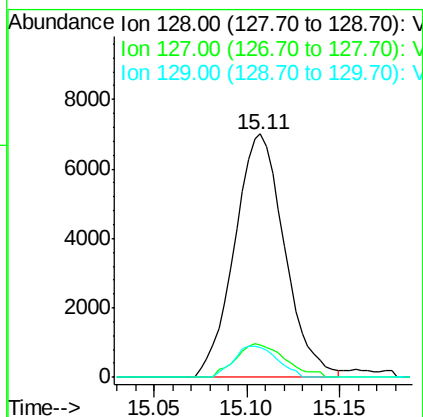
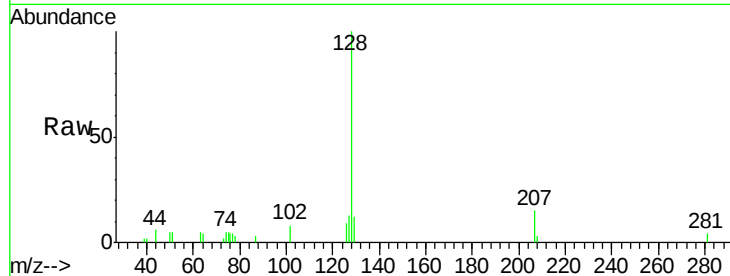




#95
Naphthalene
Concen: 2.668 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 13130
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.604 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062969.D
Acq: 17 Aug 2020 13:50

Tgt Ion:180 Resp: 6687
Ion Ratio Lower Upper
180 100
182 99.2 49.3 147.8
145 29.0 15.0 45.0

