

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061422.D
 Acq On : 15 May 2020 22:09
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 02:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	347862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164771	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	304962	104.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.30%	
35) Dibromofluoromethane	7.55	113	168562	84.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.62%	
50) Toluene-d8	10.06	98	922406	109.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.38%	
62) 4-Bromofluorobenzene	12.38	95	351500	110.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	164945	88.685	ug/l	99
3) Chloromethane	2.03	50	280737	114.933	ug/l	99
4) Vinyl Chloride	2.16	62	445055	149.527	ug/l	100
5) Bromomethane	2.54	94	241809	155.186	ug/l	100
6) Chloroethane	2.67	64	294148	152.812	ug/l	98
7) Trichlorofluoromethane	2.98	101	485821	145.390	ug/l	97
8) Diethyl Ether	3.37	74	126527	101.611	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	177278	92.601	ug/l	98
10) Methyl Iodide	3.91	142	224833	92.221	ug/l	99
11) Tert butyl alcohol	4.73	59	102345	293.467	ug/l	98
12) 1,1-Dichloroethene	3.70	96	186860	96.889	ug/l	97
13) Acrolein	3.56	56	112694	439.027	ug/l	99
14) Allyl chloride	4.27	41	329067	94.440	ug/l	99
15) Acrylonitrile	4.93	53	492409	428.844	ug/l	99
16) Acetone	3.77	43	311553	224.955	ug/l	99
17) Carbon Disulfide	4.01	76	432123	83.051	ug/l	100
18) Methyl Acetate	4.28	43	198968	53.155	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	758770	102.350	ug/l	99
20) Methylene Chloride	4.50	84	228787	101.110	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	231678	109.170	ug/l	99
22) Diisopropyl ether	5.90	45	785037	95.607	ug/l	100
23) Vinyl Acetate	5.84	43	3201357	484.886	ug/l	99
24) 1,1-Dichloroethane	5.80	63	442704	101.663	ug/l	98
25) 2-Butanone	6.79	43	612793	377.650	ug/l	99
26) 2,2-Dichloropropane	6.78	77	354916	96.409	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	275430	109.613	ug/l	99
28) Bromochloromethane	7.15	49	200324	95.758	ug/l	98
29) Tetrahydrofuran	7.17	42	422606	384.810	ug/l	98
30) Chloroform	7.33	83	466109	105.041	ug/l	99
31) Cyclohexane	7.61	56	406055	96.008	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	418640	107.699	ug/l	100
36) 1,1-Dichloropropene	7.75	75	355268	103.078	ug/l	99
37) Ethyl Acetate	6.88	43	298699	77.398	ug/l	99
38) Carbon Tetrachloride	7.73	117	336639	120.841	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	431030	109.748	ug/l	99
40) Benzene	8.00	78	1057099	102.430	ug/l	100
41) Methacrylonitrile	7.12	41	137203	82.378	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	383476	98.959	ug/l	99
43) Isopropyl Acetate	8.13	43	561500	85.916	ug/l	99
44) Trichloroethene	8.80	130	274675	98.950	ug/l	97
45) 1,2-Dichloropropane	9.08	63	268468	98.052	ug/l	99
46) Dibromomethane	9.17	93	182947	106.907	ug/l	98
47) Bromodichloromethane	9.37	83	390140	106.305	ug/l	98
48) Methyl methacrylate	9.17	41	258925	88.034	ug/l	98
49) 1,4-Dioxane	9.17	88	31978	1013.542	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1575252	415.508	ug/l	99
52) Toluene	10.13	92	702462	112.046	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	443232	107.175	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	455565	104.298	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	259225	104.352	ug/l	98
56) Ethyl methacrylate	10.40	69	432288	115.390	ug/l	98
57) 1,3-Dichloropropane	10.68	76	448721	103.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	928803	473.082	ug/l	99
59) 2-Hexanone	10.72	43	1101001	402.865	ug/l	98
60) Dibromochloromethane	10.88	129	295148	112.726	ug/l	100
61) 1,2-Dibromoethane	10.98	107	272544	109.337	ug/l	99
64) Tetrachloroethene	10.60	164	271371	95.689	ug/l	99
65) Chlorobenzene	11.41	112	713652	107.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	263238	110.694	ug/l	99
67) Ethyl Benzene	11.49	91	1375321	110.818	ug/l	100
68) m/p-Xylenes	11.60	106	1046028	229.581	ug/l	97
69) o-Xylene	11.92	106	501435	114.566	ug/l	98
70) Styrene	11.94	104	882878	120.048	ug/l	100
71) Bromoform	12.10	173	195398	113.349	ug/l #	99
73) Isopropylbenzene	12.23	105	1348130	110.632	ug/l	100
74) N-amyl acetate	12.05	43	531306	89.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	359372	96.483	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	333237m	97.164	ug/l	
77) Bromobenzene	12.50	156	287833	103.416	ug/l	99
78) n-propylbenzene	12.57	91	1570534	109.020	ug/l	100
79) 2-Chlorotoluene	12.65	91	908776	107.230	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1147514	113.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	137109	102.001	ug/l	99
82) 4-Chlorotoluene	12.75	91	991897	111.101	ug/l	99
83) tert-Butylbenzene	12.97	119	935407	110.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1144148	110.126	ug/l	100
85) sec-Butylbenzene	13.15	105	1309544	112.971	ug/l	99
86) p-Isopropyltoluene	13.26	119	1178081	112.836	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	550671	107.238	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	550382	104.707	ug/l	99
89) n-Butylbenzene	13.59	91	1068542	111.815	ug/l	99
90) Hexachloroethane	13.85	117	159752	155.427	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	520219	105.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	74426	95.693	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat May 16 02:35:10 2020
Response via : Initial Calibration

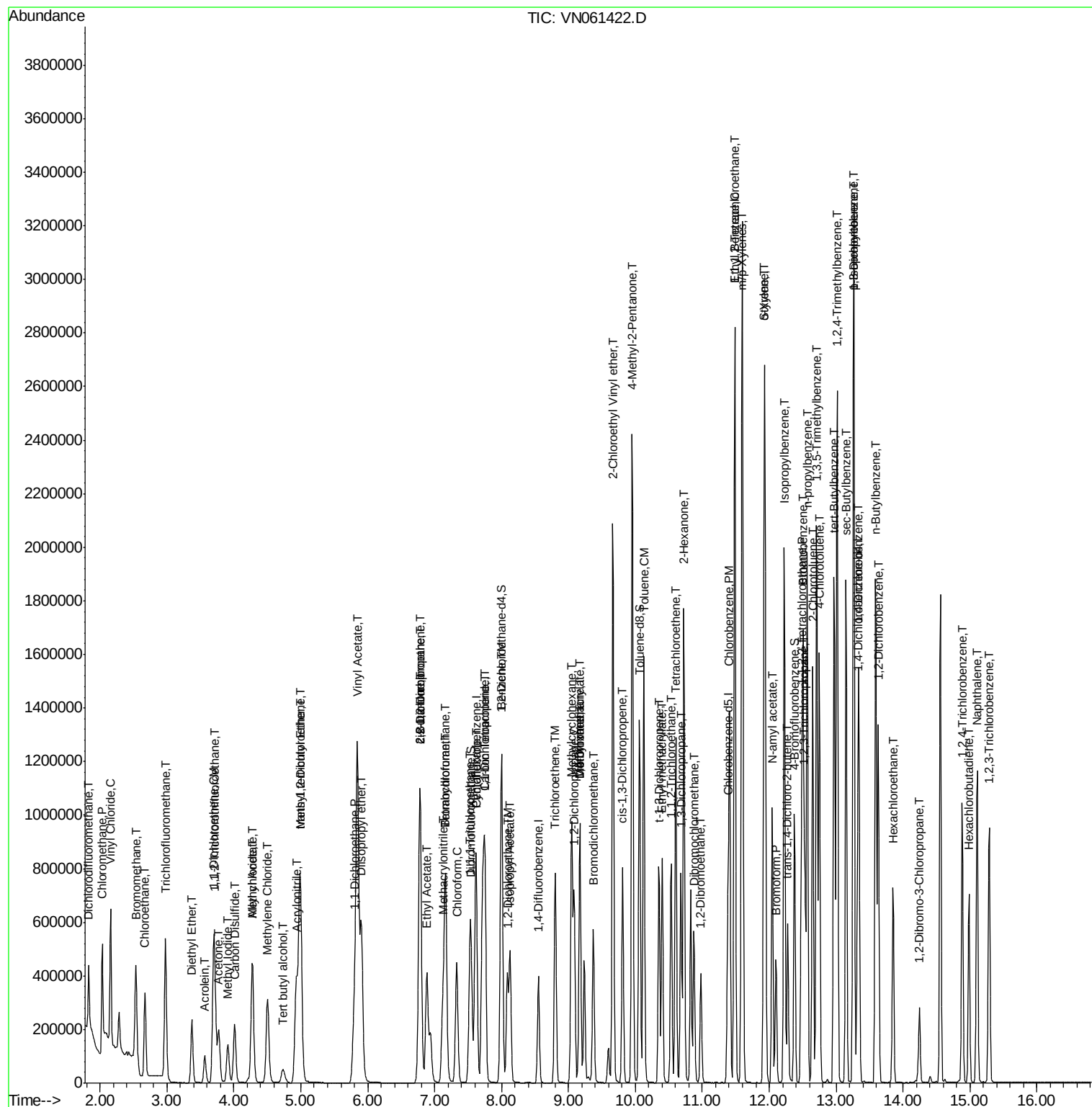
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	297331	100.741	ug/l	99
94) Hexachlorobutadiene	14.99	225	111124	91.002	ug/l	99
95) Naphthalene	15.11	128	979484	102.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	285315	98.004	ug/l	100

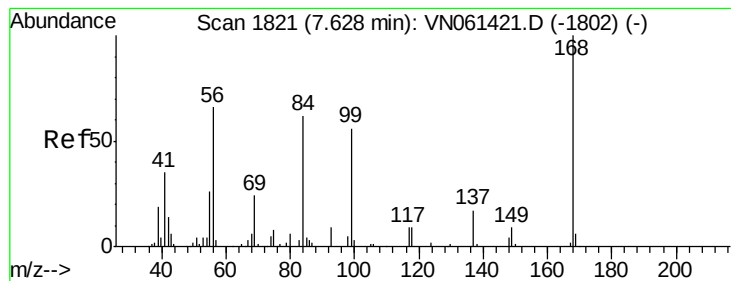
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051620\
Data File : VN061422.D
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

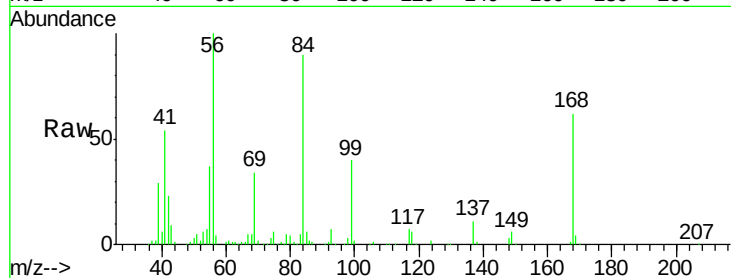
VSTDIC100

Tot Ion:168 Resp: 185689

Ion Ratio Lower Upper

168 100

99 64.0 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

100000

80000

60000

40000

20000

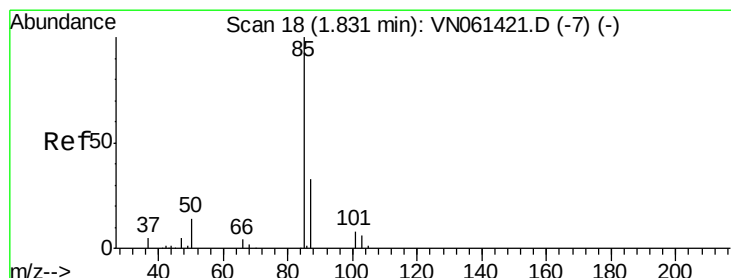
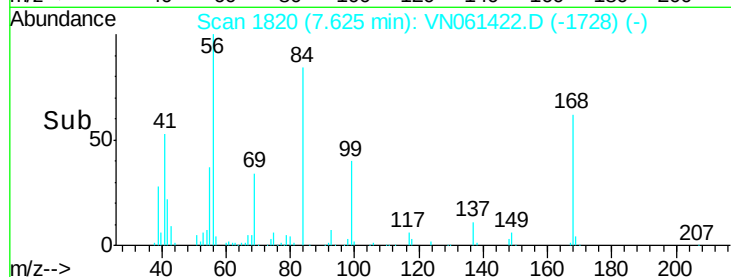
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 88.685 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061422.D

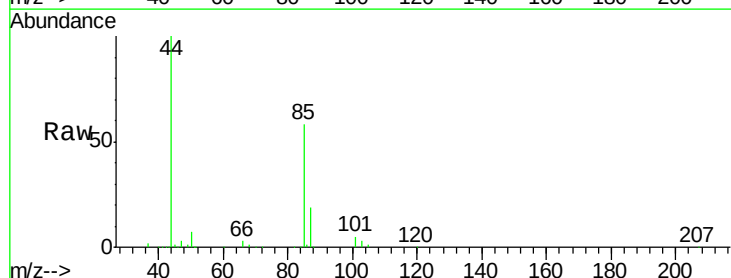
Acq: 15 May 2020 22:09

Tgt Ion: 85 Resp: 164945

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

100000

50000

0

1.75

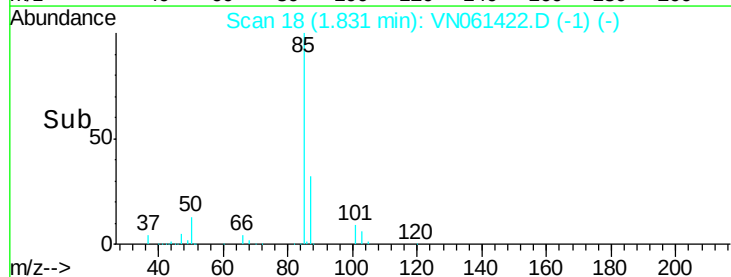
1.80

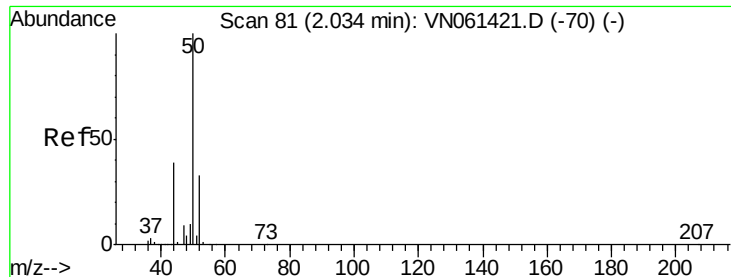
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 114.933 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

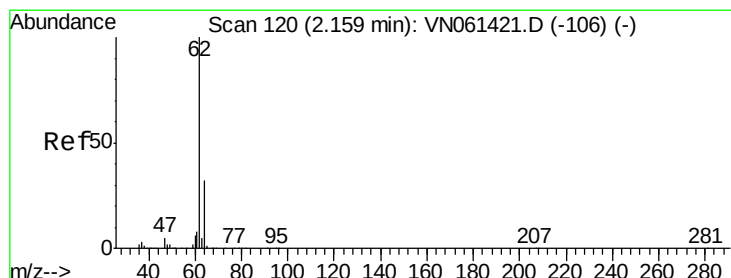
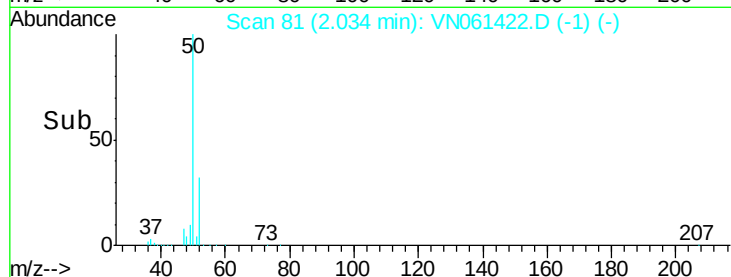
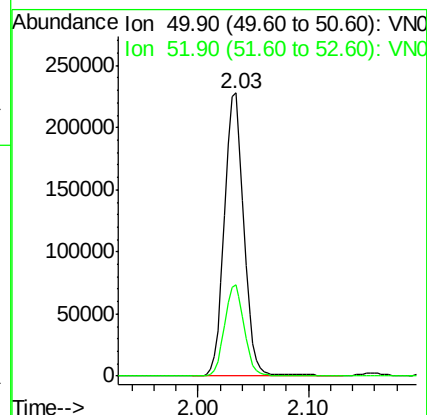
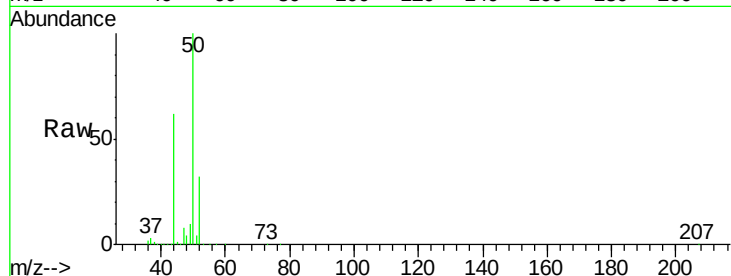
VSTDIC100

Tot Ion: 50 Resp: 280737

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 149.527 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061422.D

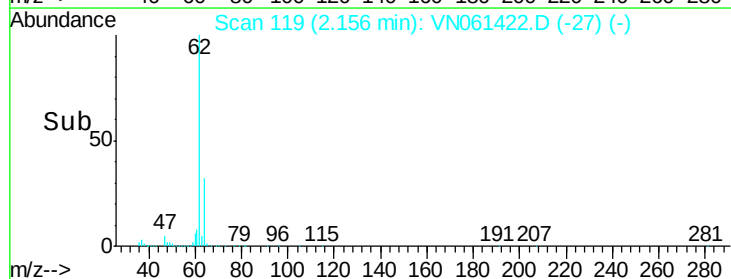
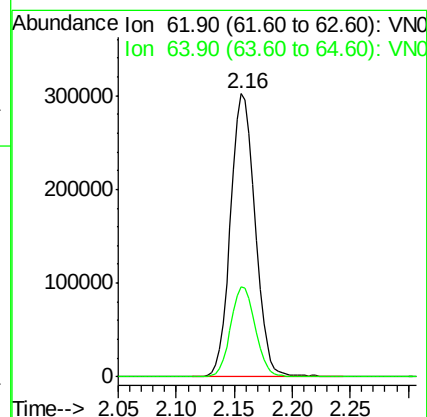
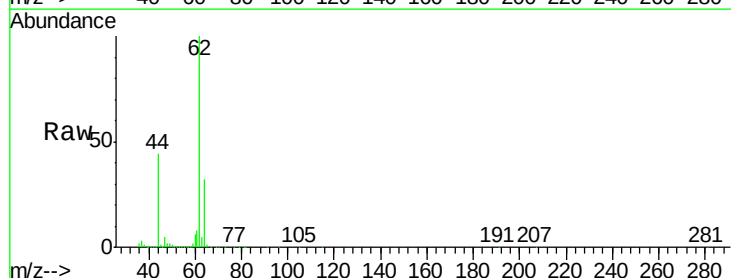
Acq: 15 May 2020 22:09

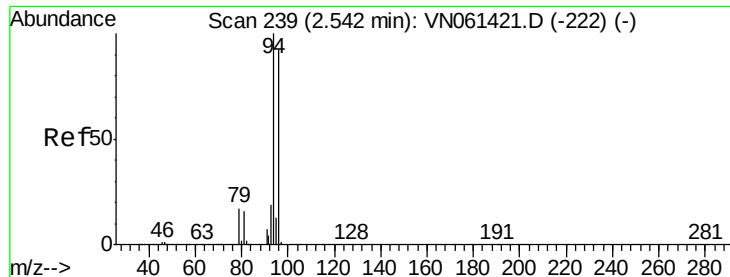
Tgt Ion: 62 Resp: 445055

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 155.186 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

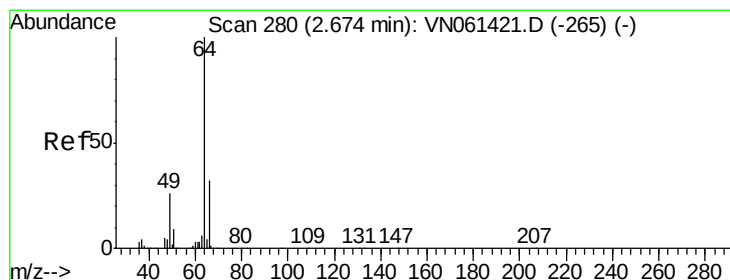
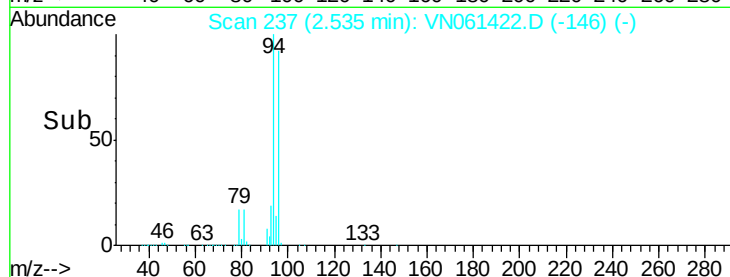
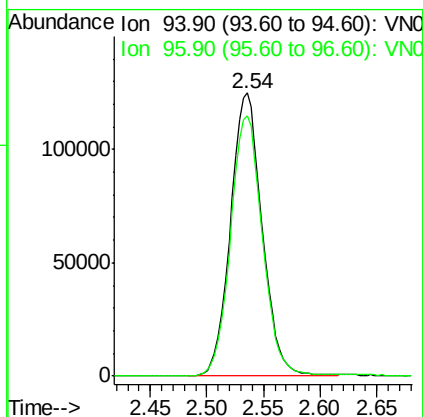
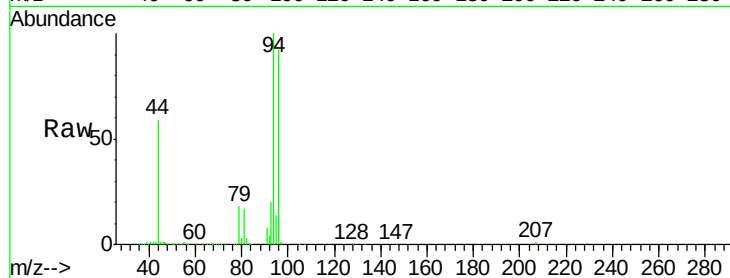
VSTDIC100

Tot Ion: 94 Resp: 241809

Ion Ratio Lower Upper

94 100

96 92.1 73.4 110.0



#6

Chloroethane

Concen: 152.812 ug/l

RT: 2.67 min Scan# 279

Delta R.T. -0.00 min

Lab File: VN061422.D

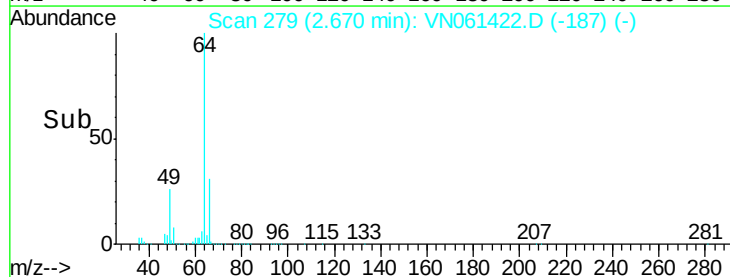
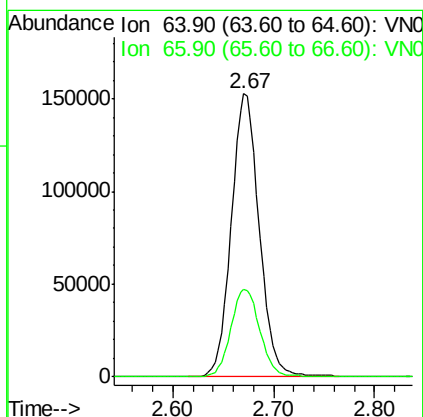
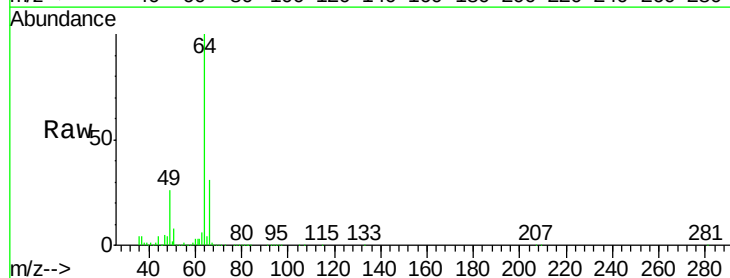
Acq: 15 May 2020 22:09

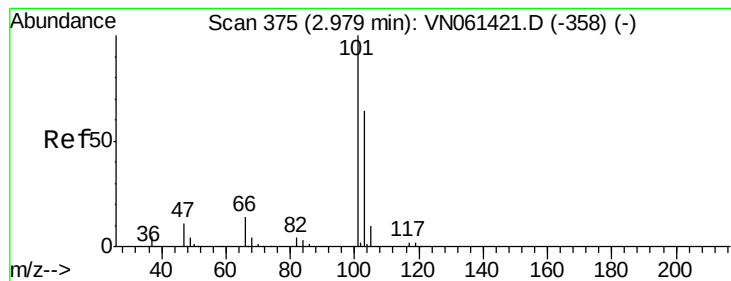
Tgt Ion: 64 Resp: 294148

Ion Ratio Lower Upper

64 100

66 31.0 25.9 38.9



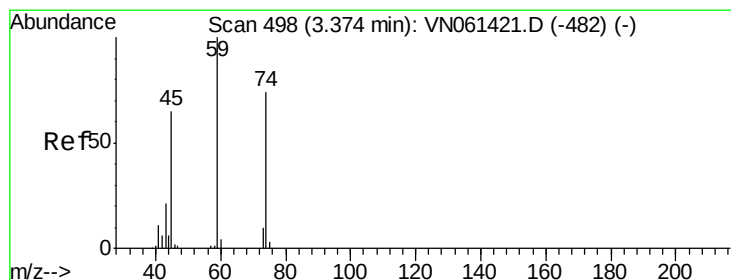
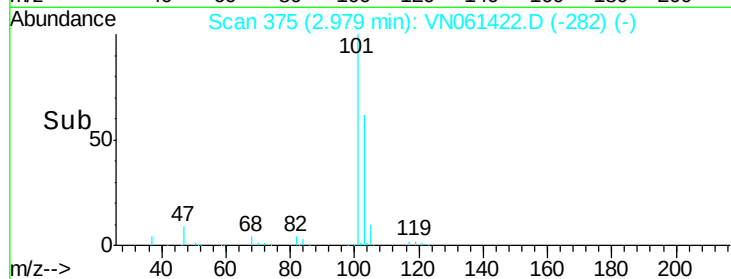
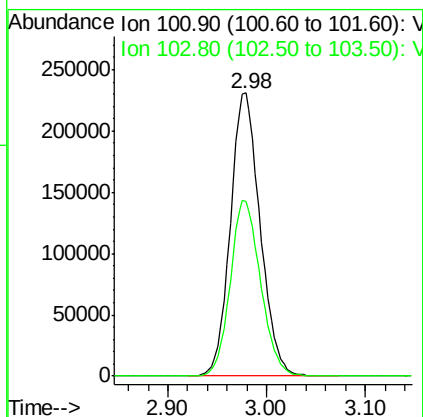
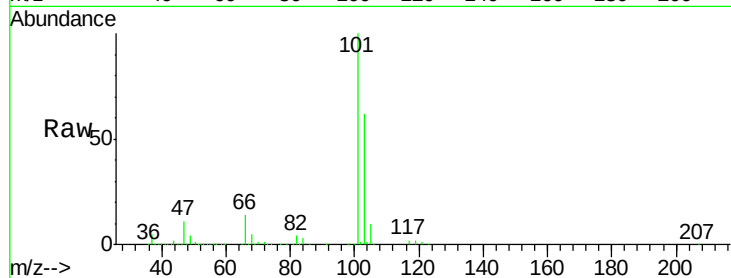


#7

Trichlorofluoromethane
Concen: 145.390 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

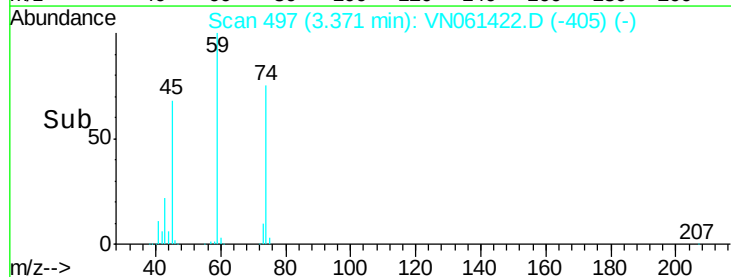
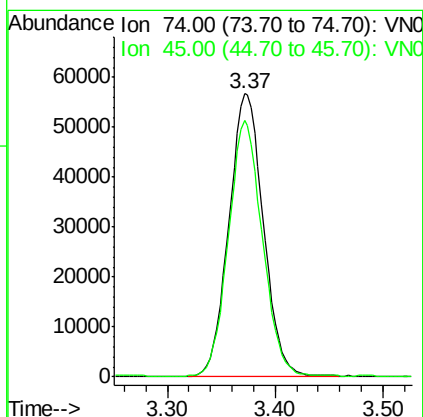
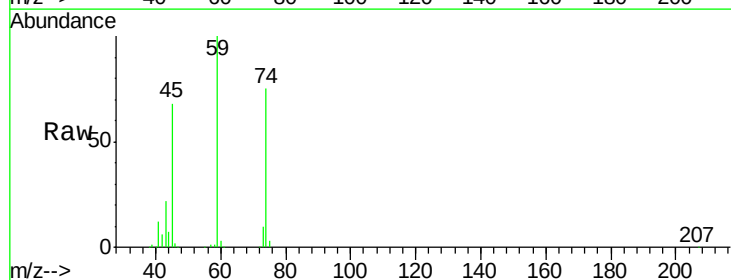
Tot Ion:101 Resp: 485821
Ion Ratio Lower Upper
101 100
103 61.8 51.4 77.0

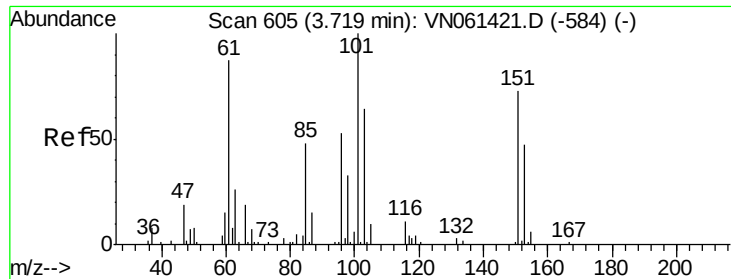


#8

Diethyl Ether
Concen: 101.611 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 74 Resp: 126527
Ion Ratio Lower Upper
74 100
45 89.8 45.2 135.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 92.601 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

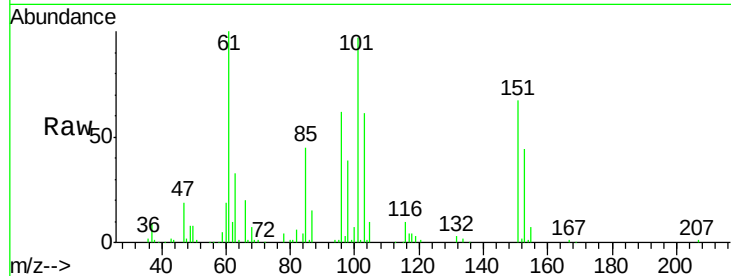
Tot Ion:101 Resp: 177278

Ion Ratio Lower Upper

101 100

85 47.4 38.4 57.6

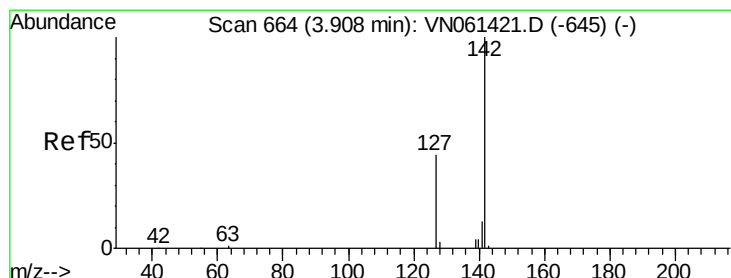
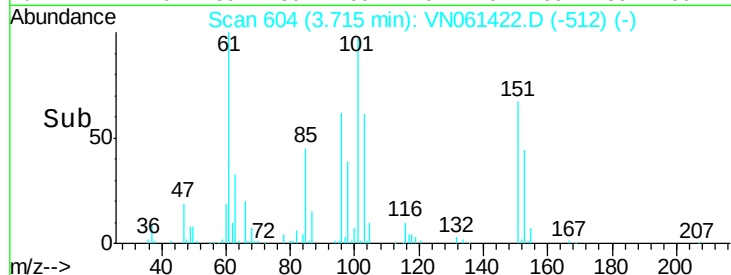
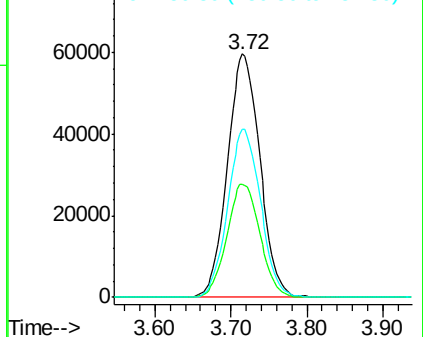
151 69.8 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 92.221 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

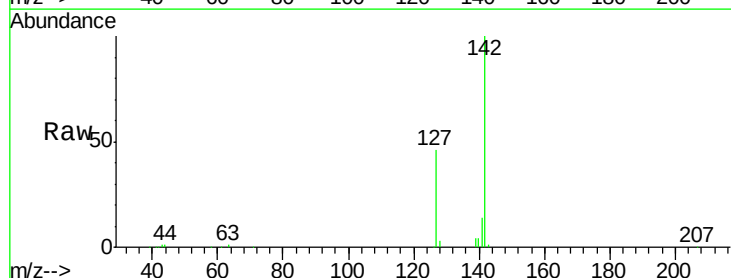
Tgt Ion:142 Resp: 224833

Ion Ratio Lower Upper

142 100

127 46.1 36.0 54.0

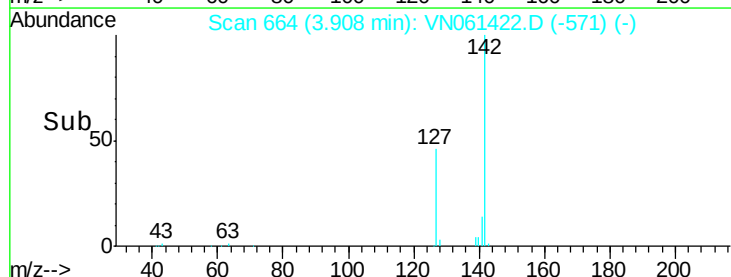
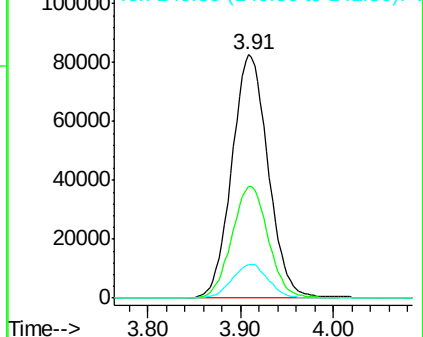
141 13.8 11.0 16.6

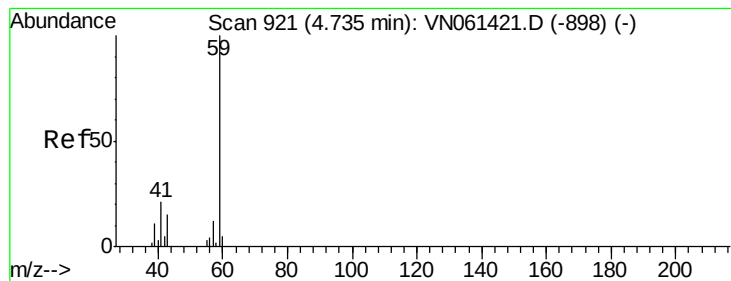


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



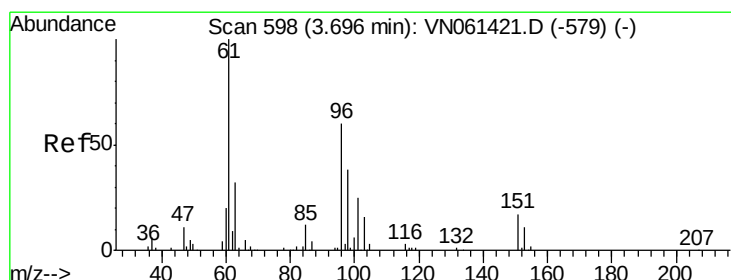
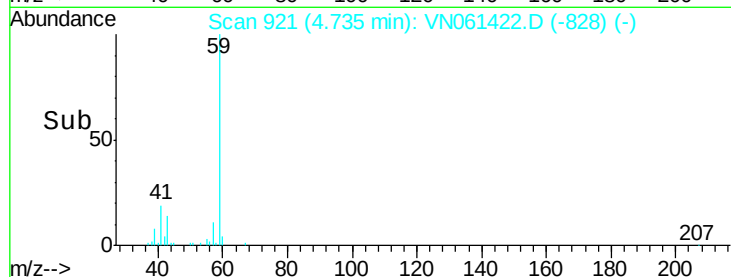
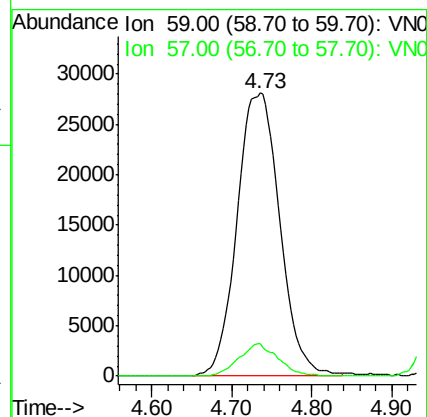
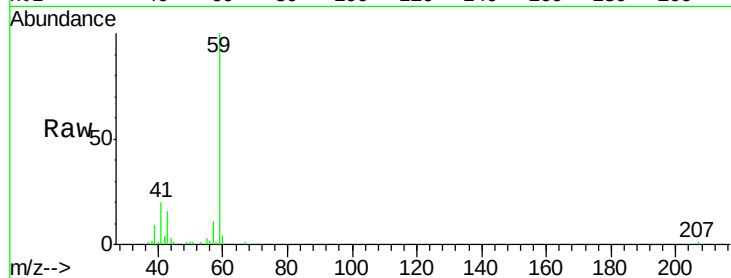


#11

Tert butyl alcohol
 Concen: 293.467 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

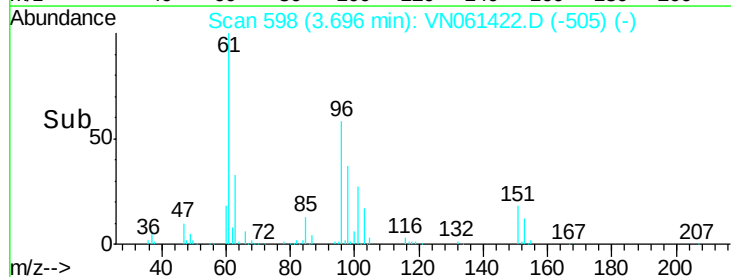
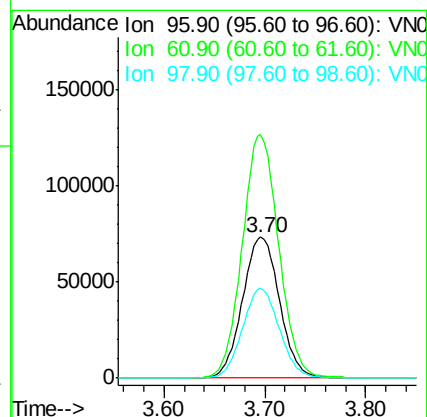
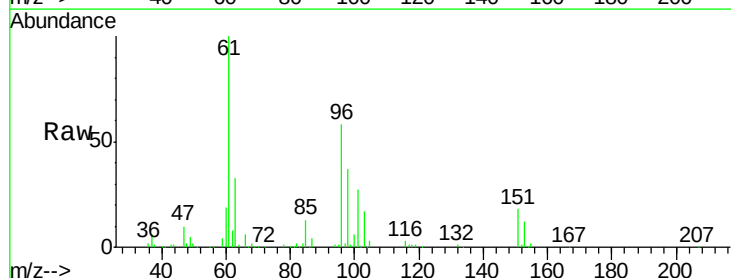
Tot Ion: 59 Resp: 102345
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.8 13.2

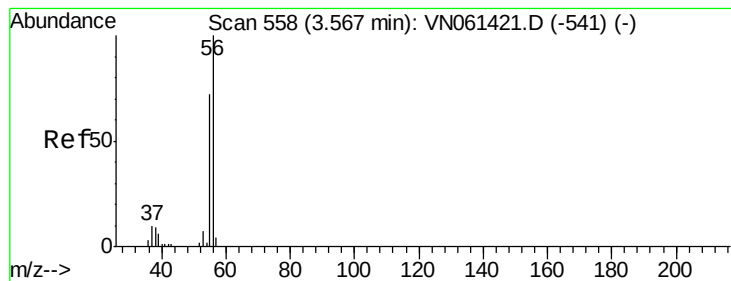


#12

1,1-Dichloroethene
 Concen: 96.889 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 96 Resp: 186860
 Ion Ratio Lower Upper
 96 100
 61 173.2 133.9 200.9
 98 63.8 50.4 75.6





#13

Acrolein

Concen: 439.027 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

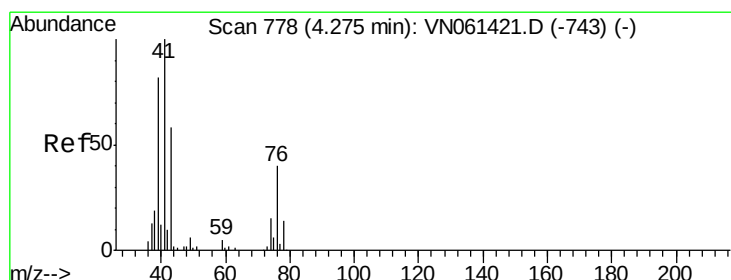
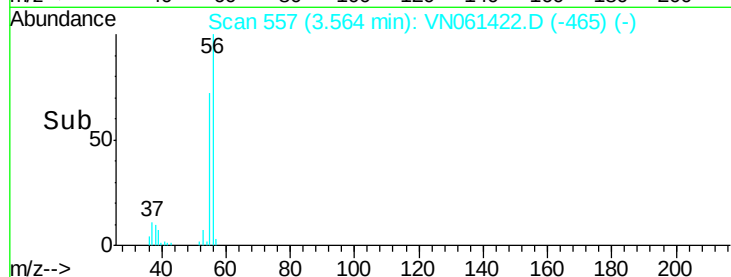
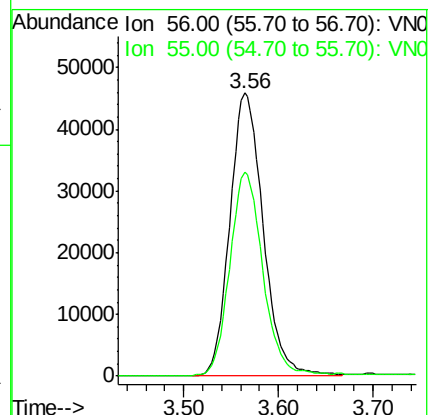
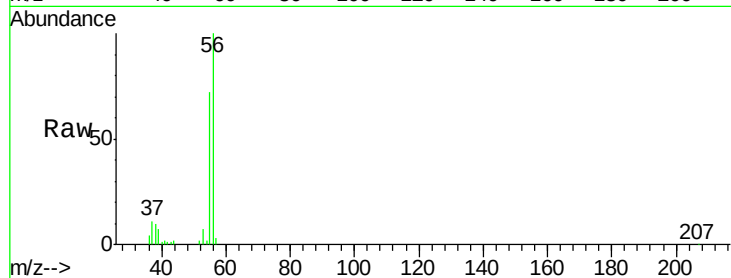
VSTDIC100

Tot Ion: 56 Resp: 112694

Ion Ratio Lower Upper

56 100

55 71.5 56.4 84.6



#14

Allyl chloride

Concen: 94.440 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

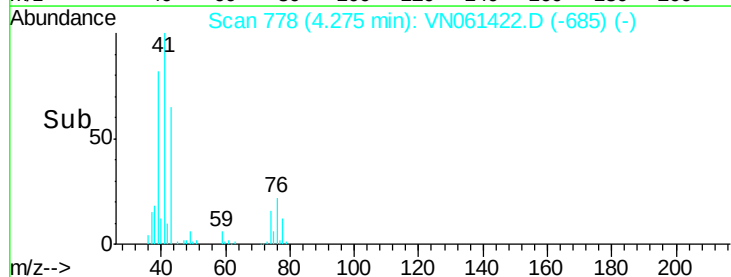
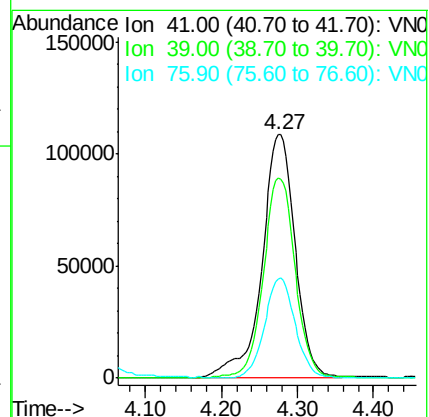
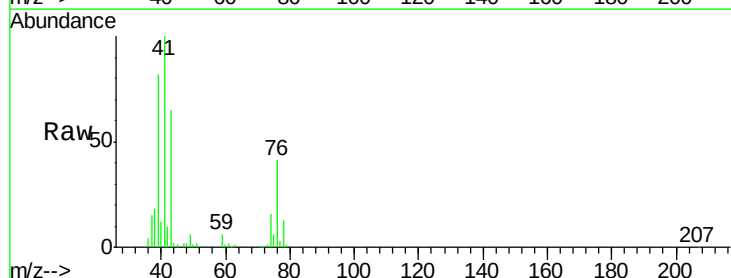
Tgt Ion: 41 Resp: 329067

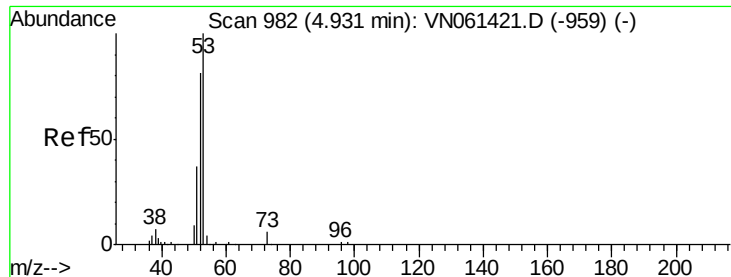
Ion Ratio Lower Upper

41 100

39 79.0 63.4 95.2

76 37.2 30.7 46.1





#15

Acrylonitrile

Concen: 428.844 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

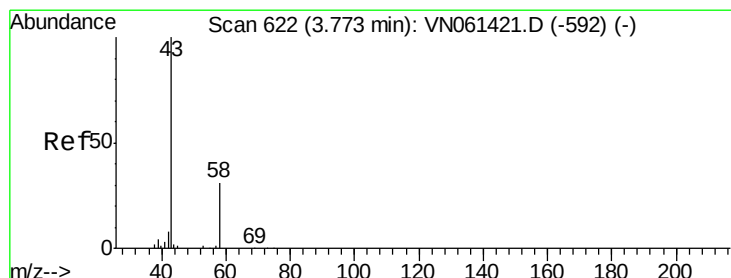
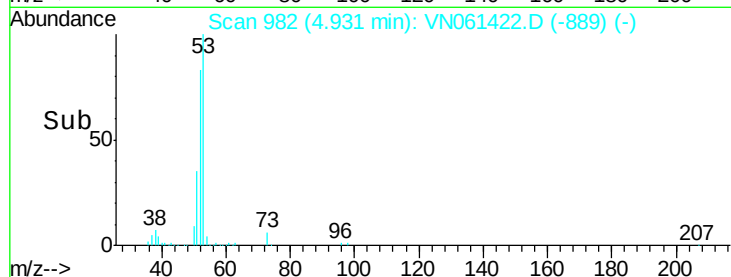
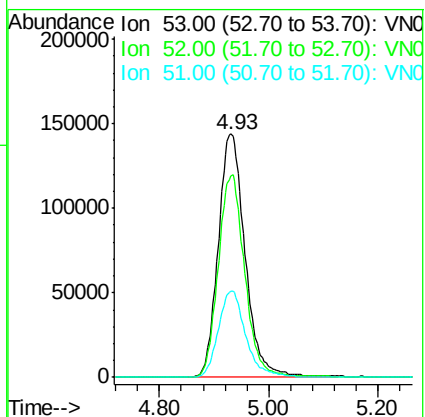
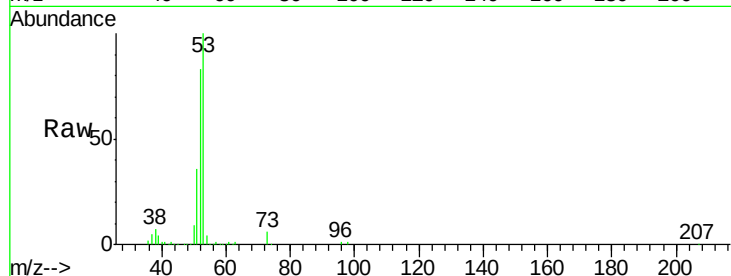
Tot Ion: 53 Resp: 492409

Ion Ratio Lower Upper

53 100

52 81.5 64.4 96.6

51 36.2 29.3 43.9



#16

Acetone

Concen: 224.955 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061422.D

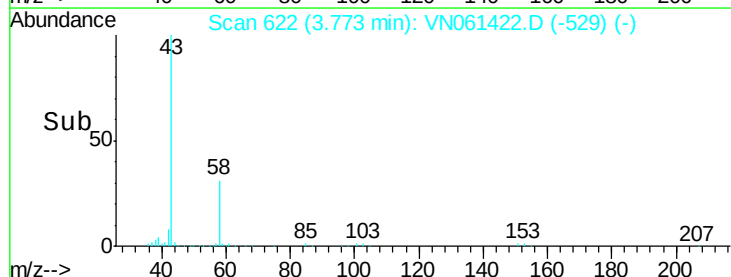
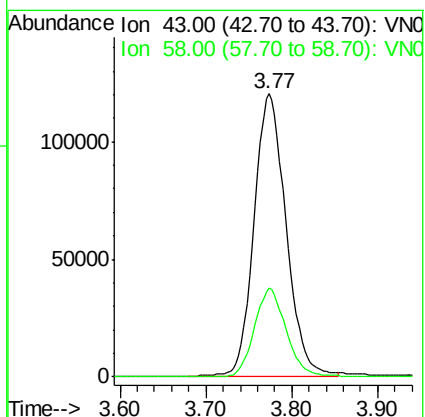
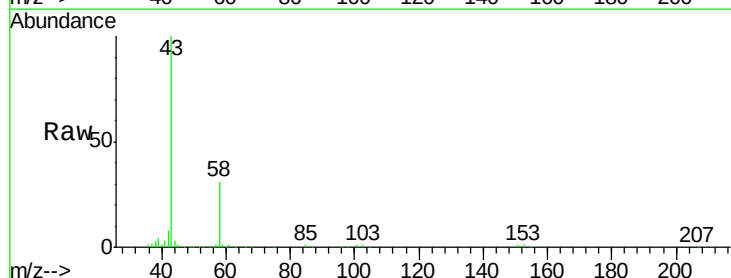
Acq: 15 May 2020 22:09

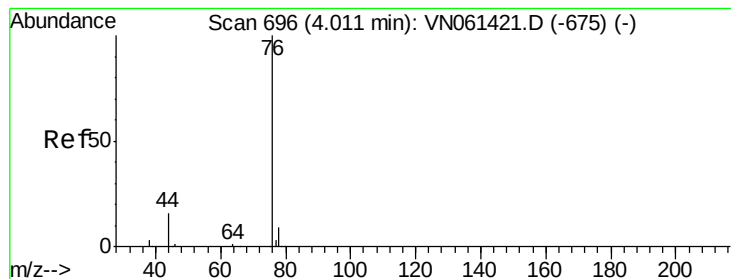
Tgt Ion: 43 Resp: 311553

Ion Ratio Lower Upper

43 100

58 31.4 24.6 36.8





#17

Carbon Disulfide

Concen: 83.051 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

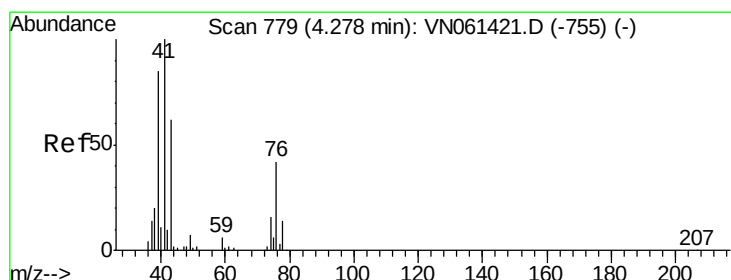
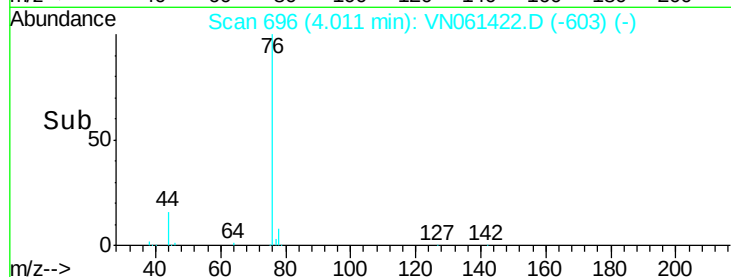
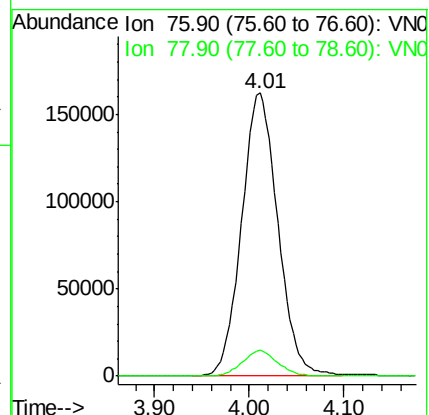
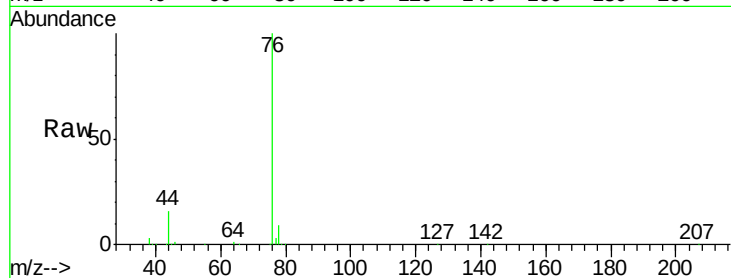
VSTDIC100

Tot Ion: 76 Resp: 432123

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



#18

Methyl Acetate

Concen: 53.155 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061422.D

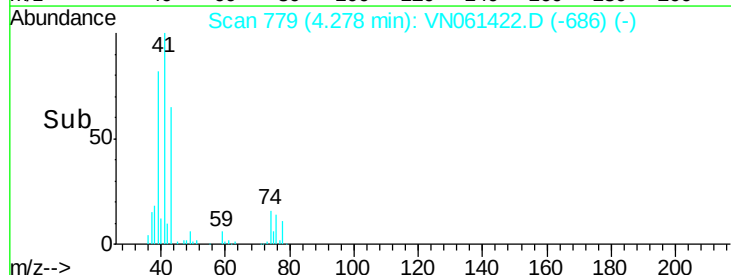
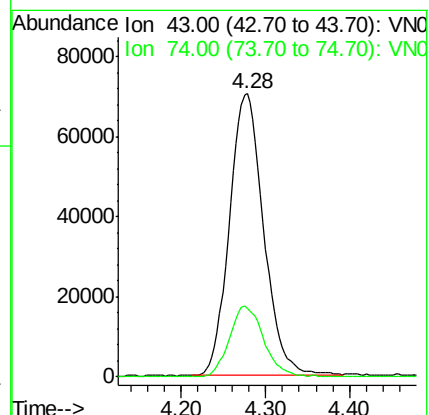
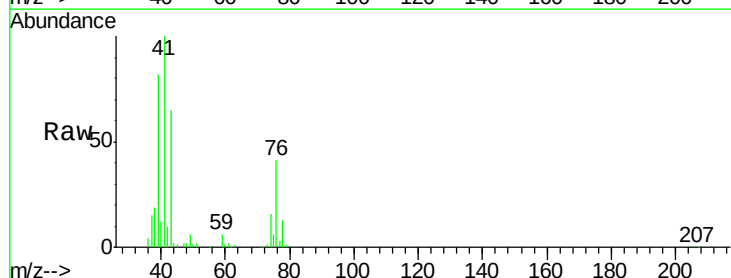
Acq: 15 May 2020 22:09

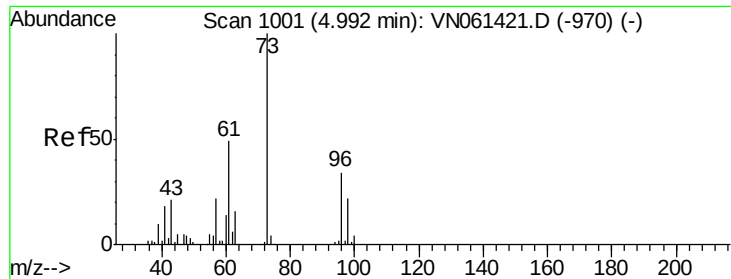
Tgt Ion: 43 Resp: 198968

Ion Ratio Lower Upper

43 100

74 25.0 19.8 29.6

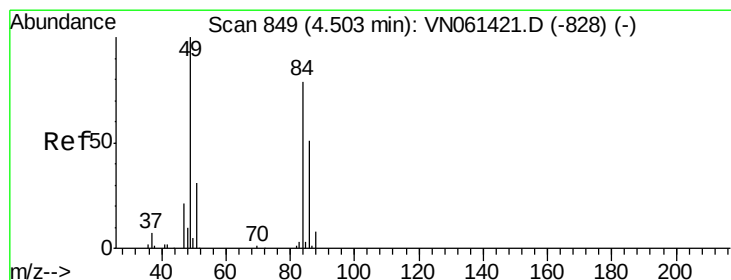
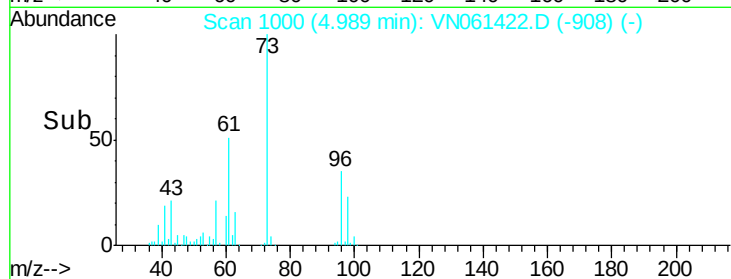
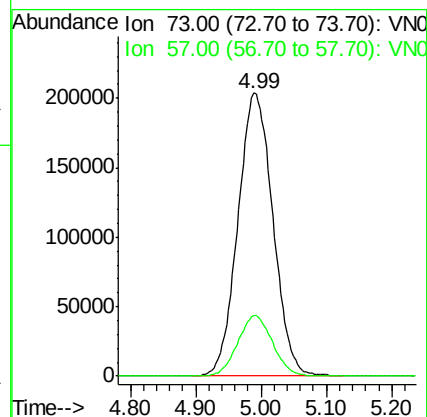
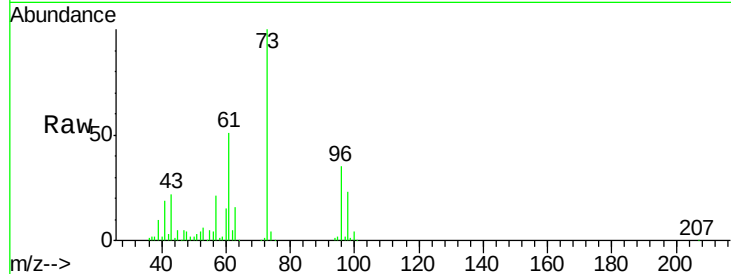




#19
Methyl tert-butyl Ether
Concen: 102.350 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

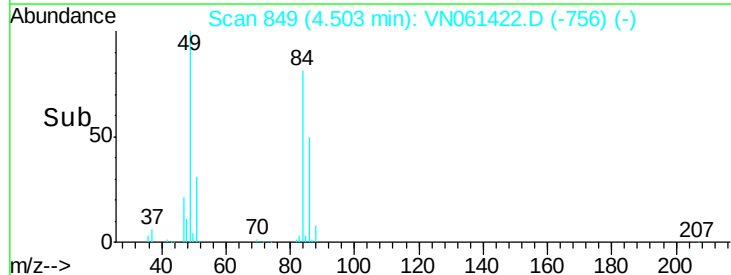
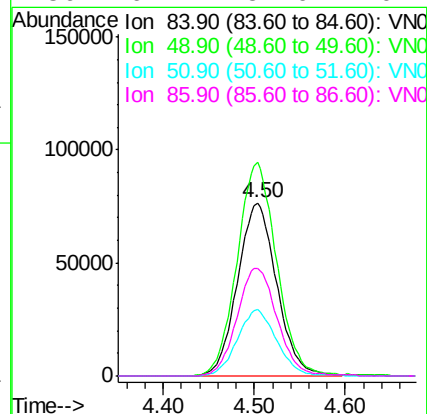
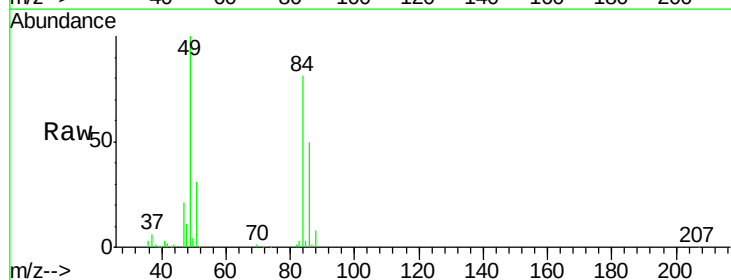
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

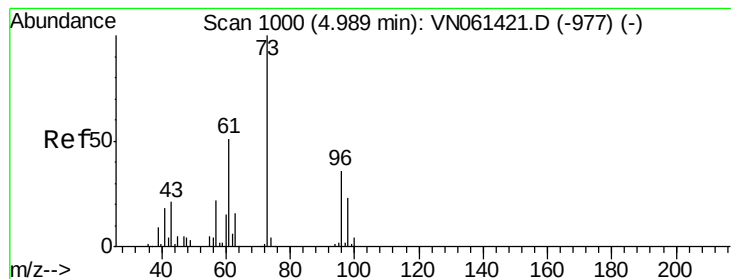
Tot Ion: 73 Resp: 758770
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 101.110 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 84 Resp: 228787
Ion Ratio Lower Upper
84 100
49 123.3 101.0 151.4
51 38.4 31.6 47.4
86 62.2 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 109.170 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

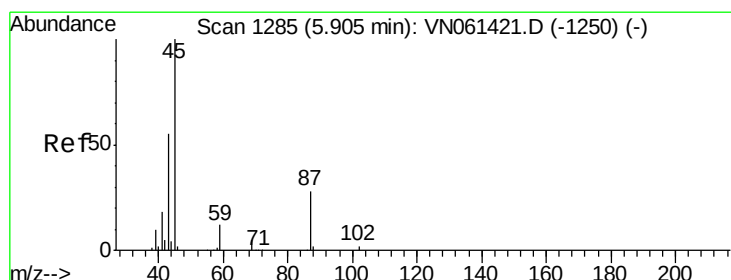
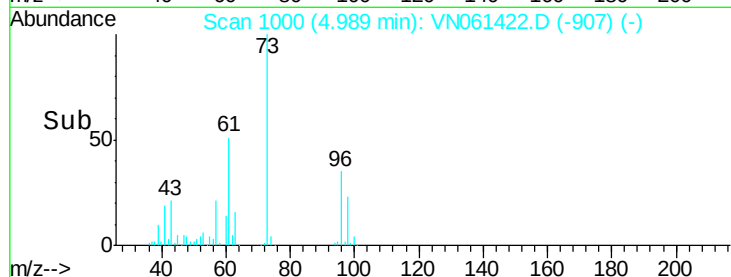
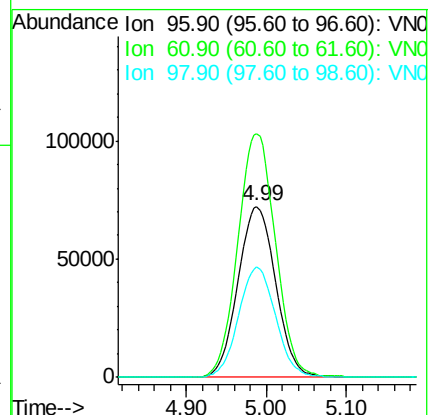
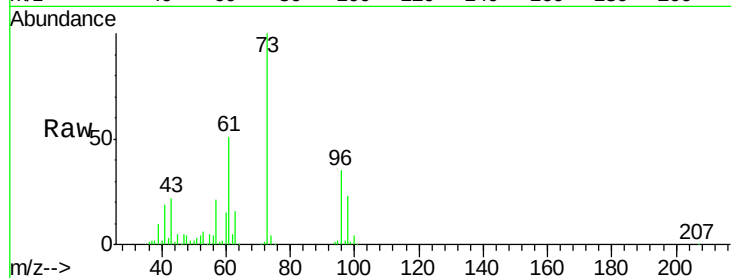
Tot Ion: 96 Resp: 231678

Ion Ratio Lower Upper

96 100

61 142.6 113.8 170.6

98 64.4 50.8 76.2



#22

Diisopropyl ether

Concen: 95.607 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Tgt Ion: 45 Resp: 785037

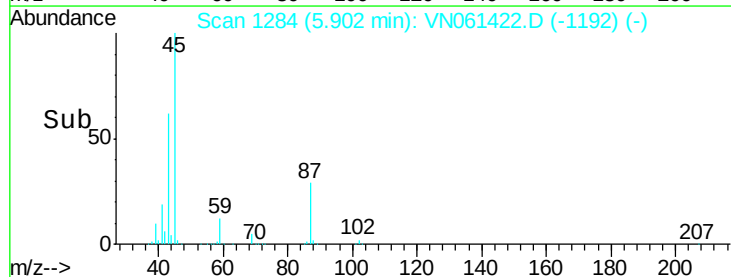
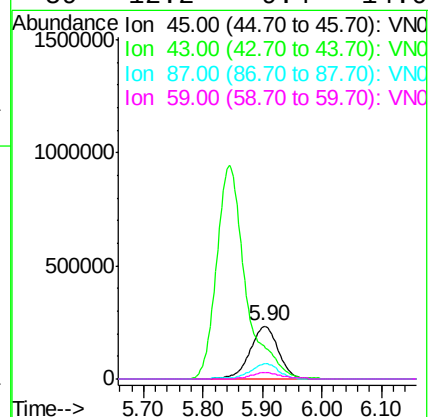
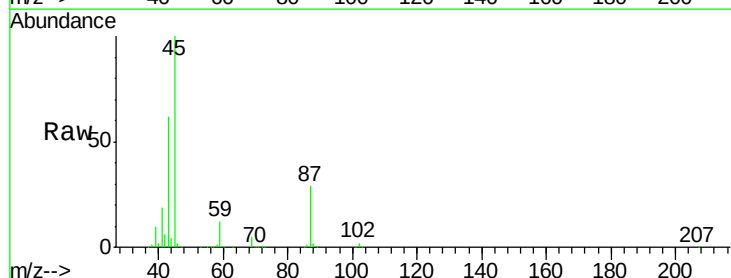
Ion Ratio Lower Upper

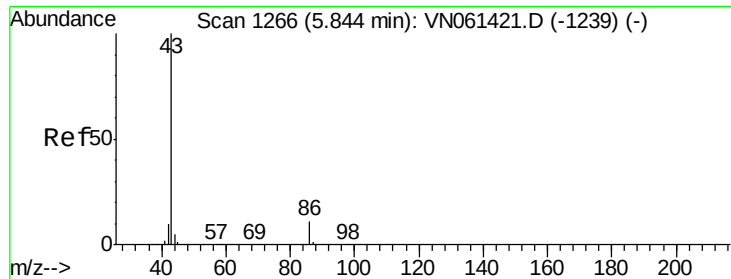
45 100

43 61.1 49.1 73.7

87 28.8 23.0 34.4

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 484.886 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampled :

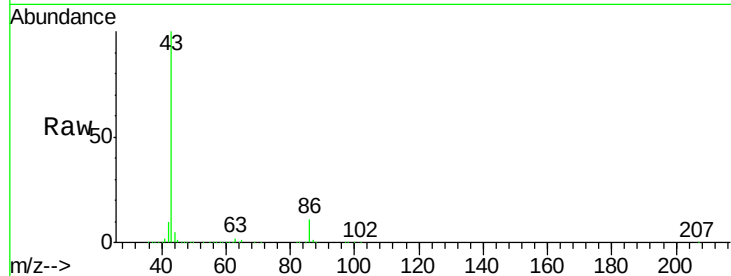
VSTDIC100

Tot Ion: 43 Resp: 3201357

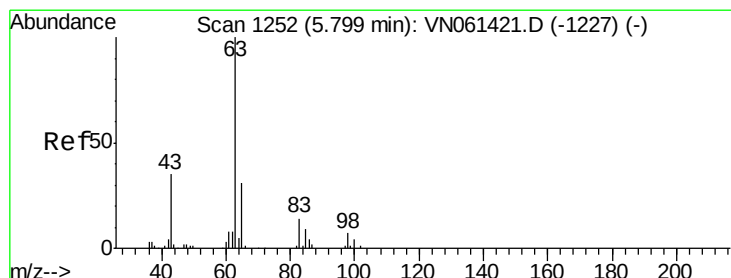
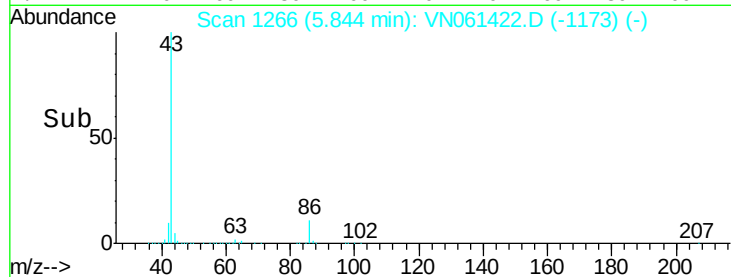
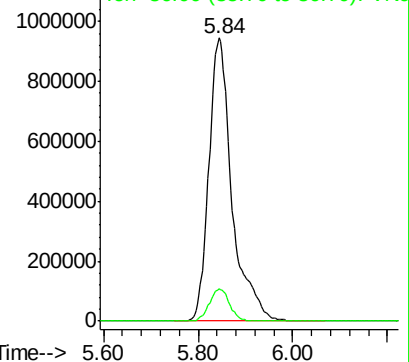
Ion Ratio Lower Upper

43 100

86 11.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN061422.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 101.663 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

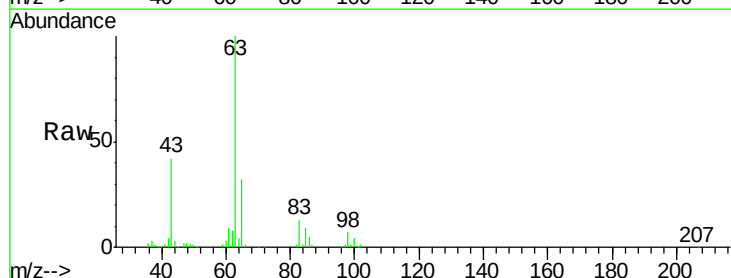
Tgt Ion: 63 Resp: 442704

Ion Ratio Lower Upper

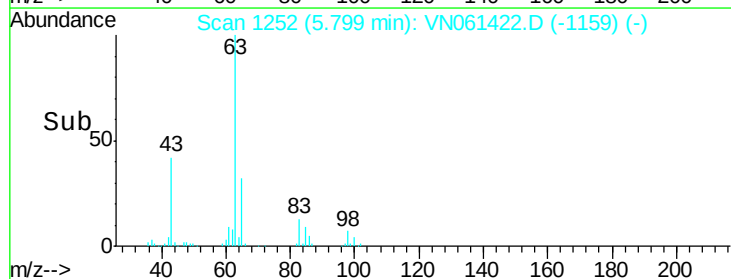
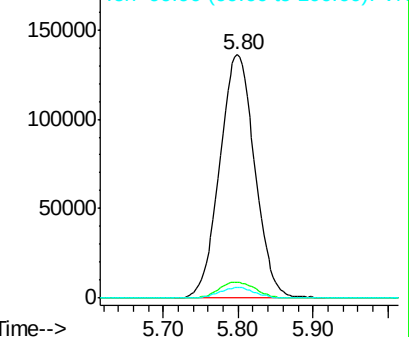
63 100

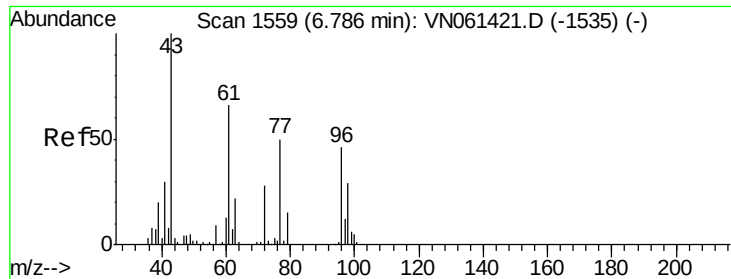
98 6.6 3.6 10.9

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN061422.D (-1159) (-)

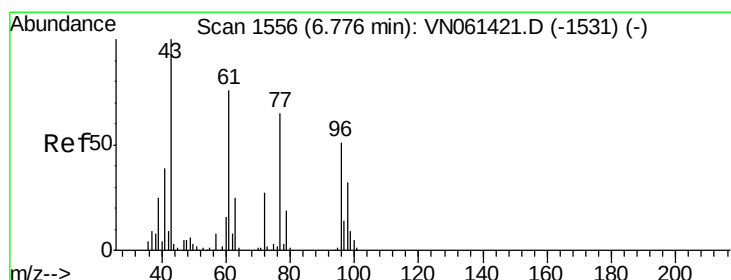
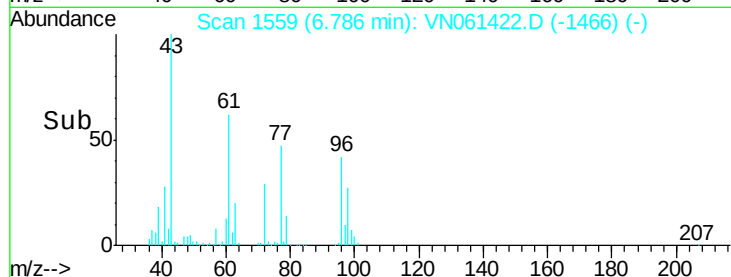
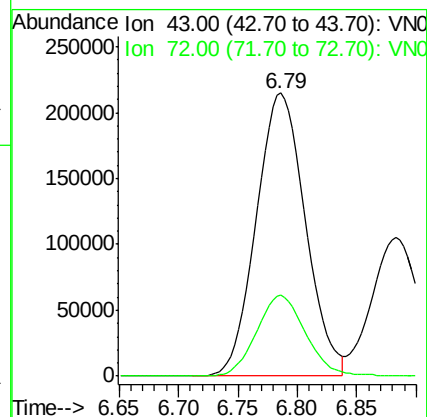
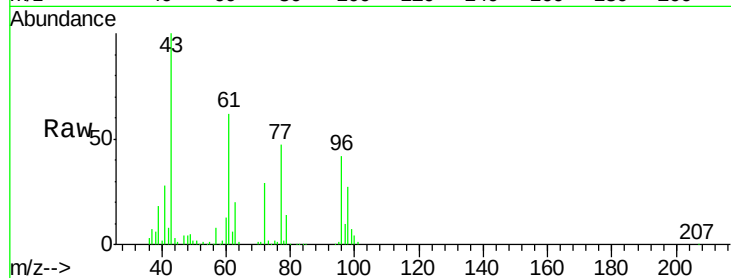




#25
 2-Butanone
 Concen: 377.650 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

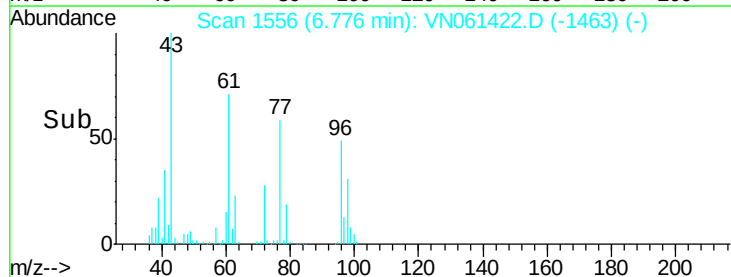
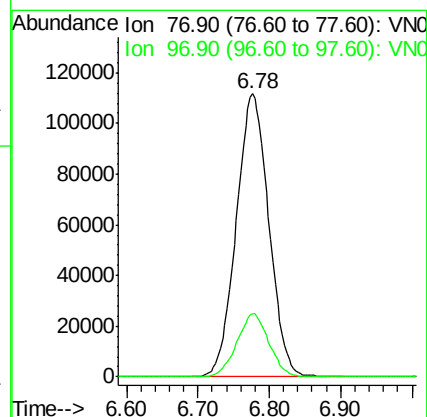
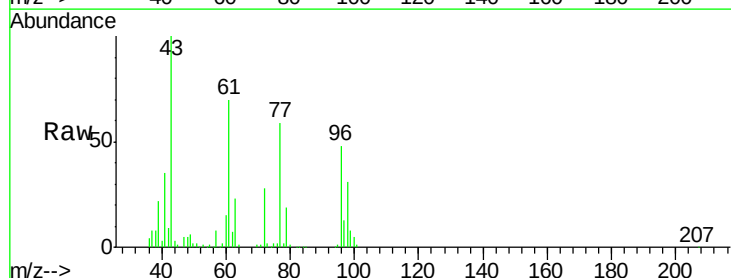
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

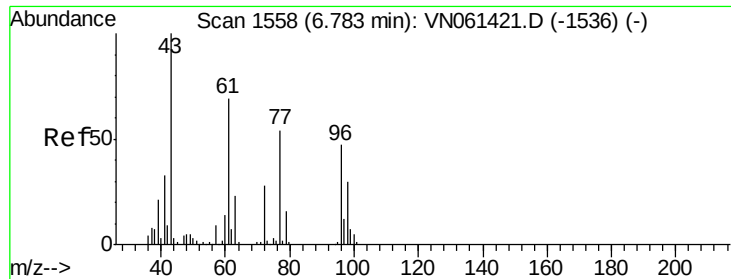
Tot Ion: 43 Resp: 612793
 Ion Ratio Lower Upper
 43 100
 72 28.6 22.6 33.8



#26
 2,2-Dichloropropane
 Concen: 96.409 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 77 Resp: 354916
 Ion Ratio Lower Upper
 77 100
 97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 109.613 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

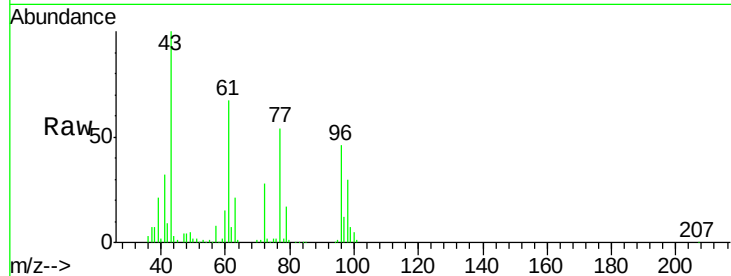
Tot Ion: 96 Resp: 275430

Ion Ratio Lower Upper

96 100

61 147.0 0.0 293.0

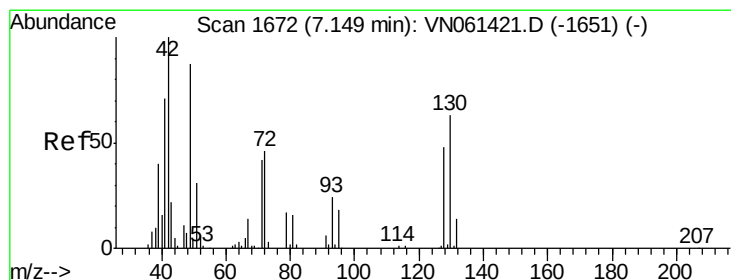
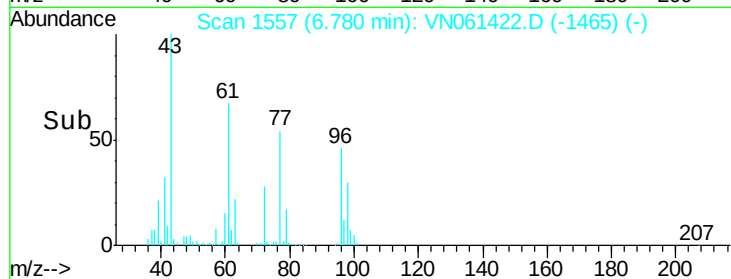
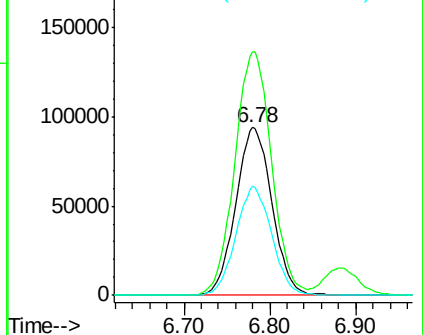
98 64.4 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN061422.D (-1465) (-)

Ion 60.90 (60.60 to 61.60): VN061422.D (-1465) (-)

Ion 97.90 (97.60 to 98.60): VN061422.D (-1465) (-)



#28

Bromochloromethane

Concen: 95.758 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

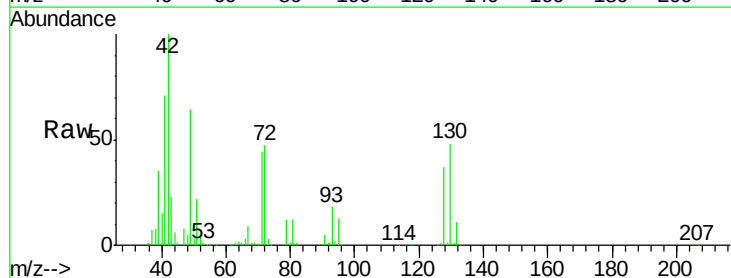
Tgt Ion: 49 Resp: 200324

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

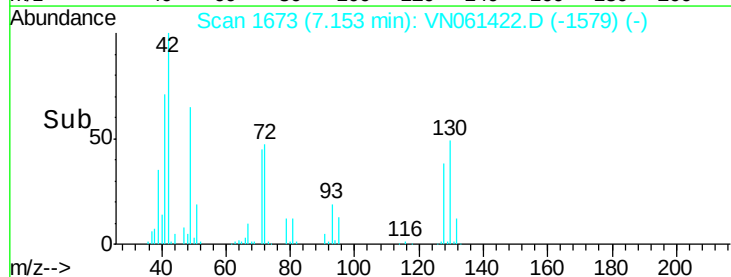
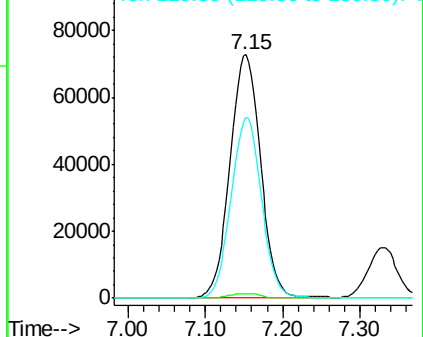
130 73.4 57.4 86.0

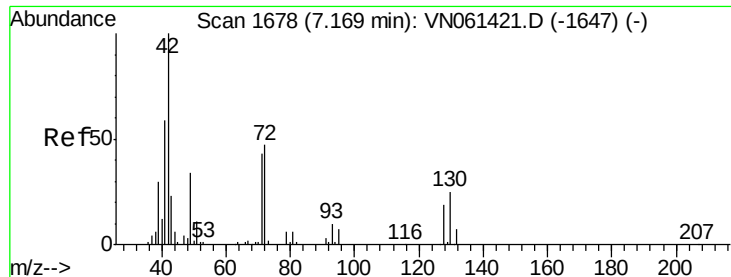


Abundance Ion 48.90 (48.60 to 49.60): VN061422.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061422.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061422.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 384.810 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

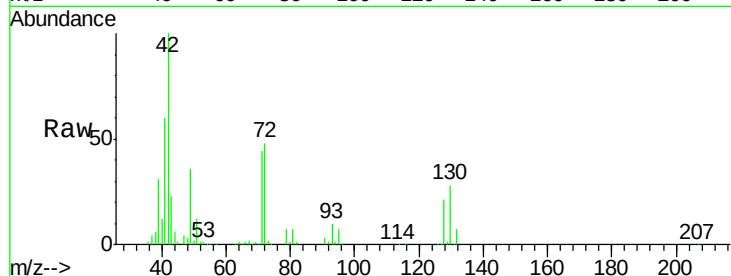
Tot Ion: 42 Resp: 422606

Ion Ratio Lower Upper

42 100

72 48.1 37.1 55.7

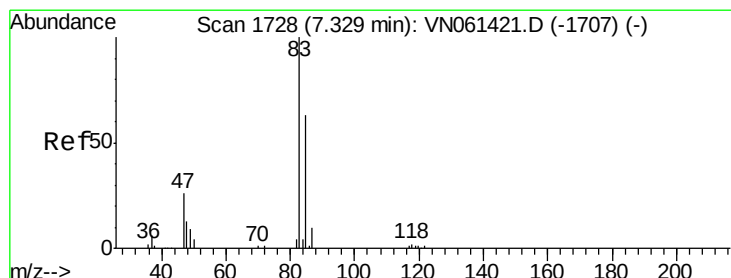
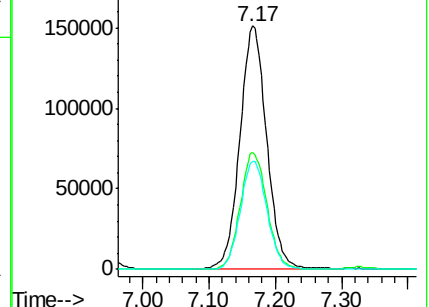
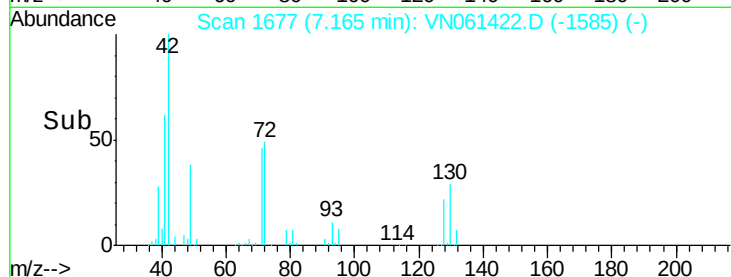
71 44.3 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VN061422.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN061422.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN061422.D (-1647) (-)



#30

Chloroform

Concen: 105.041 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061422.D

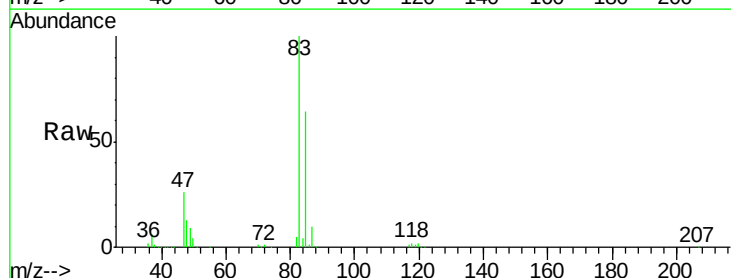
Acq: 15 May 2020 22:09

Tgt Ion: 83 Resp: 466109

Ion Ratio Lower Upper

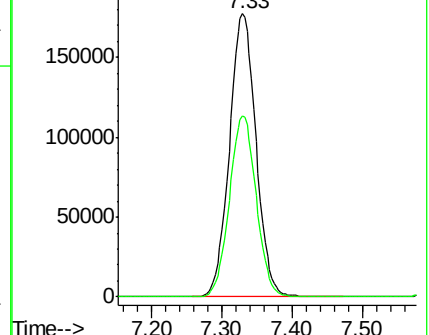
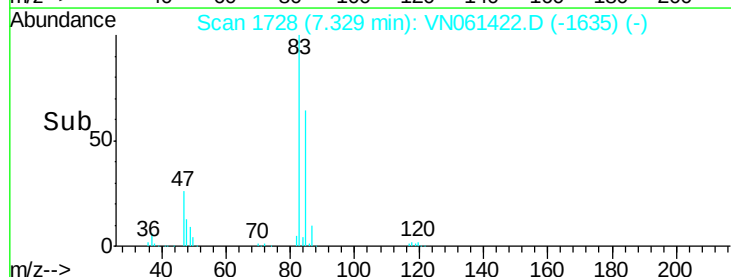
83 100

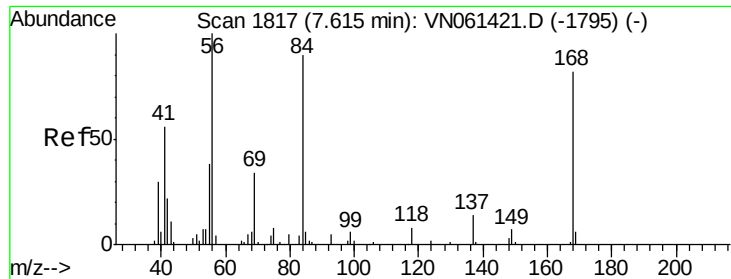
85 63.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN061422.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN061422.D (-1635) (-)

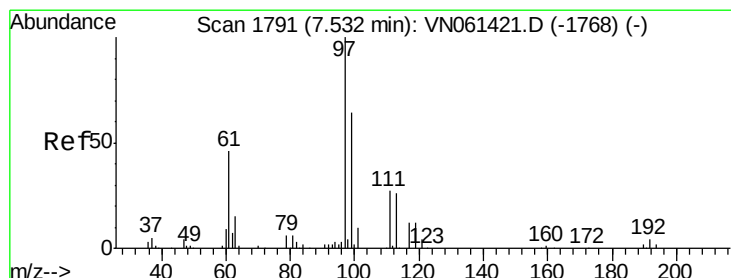
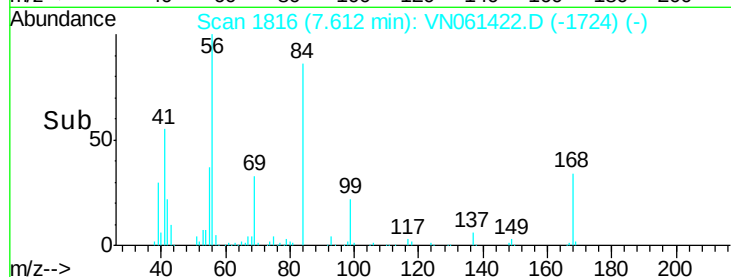
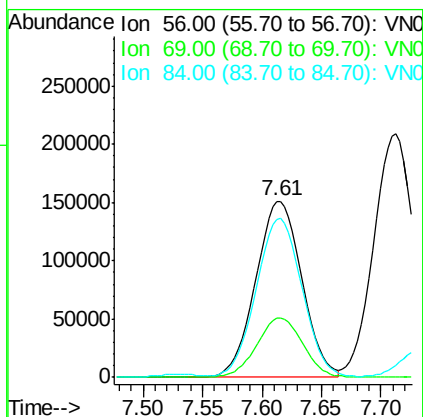
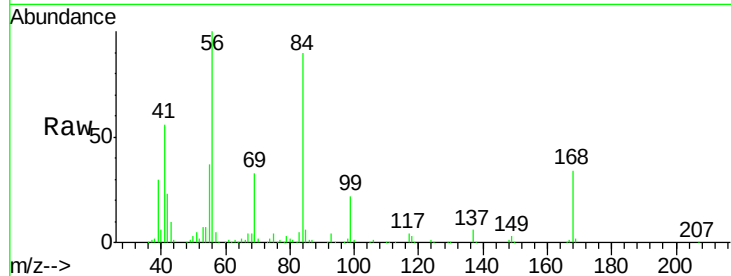




#31
Cyclohexane
Concen: 96.008 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

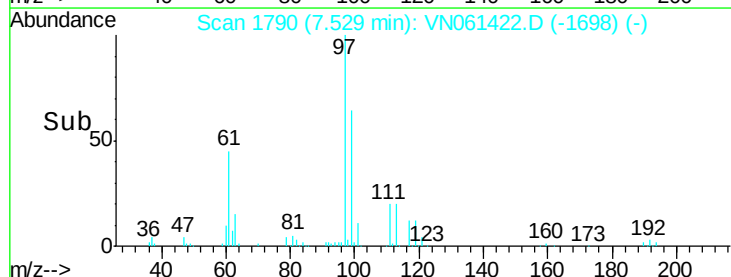
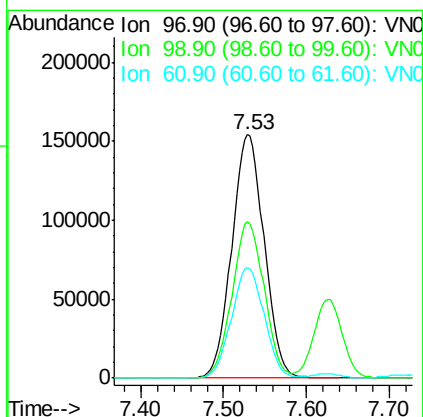
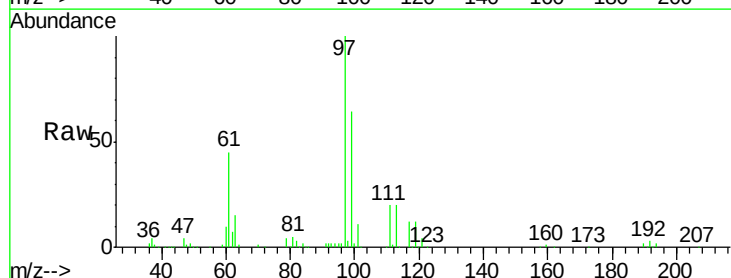
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

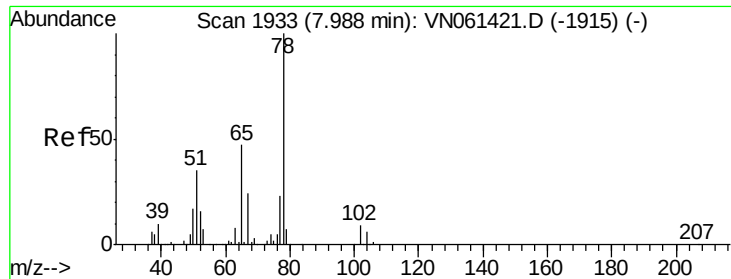
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.0	40.4
84	88.2	71.7	107.5



#32
1,1,1-Trichloroethane
Concen: 107.699 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.7	76.1
61	45.9	37.0	55.4

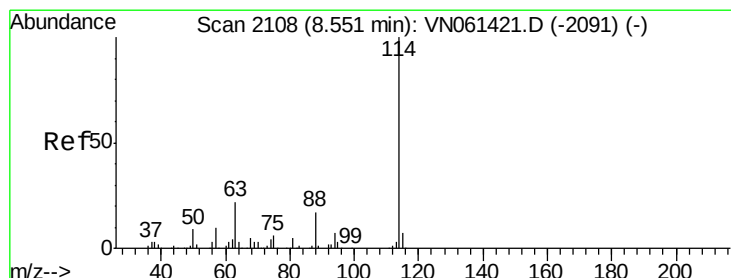
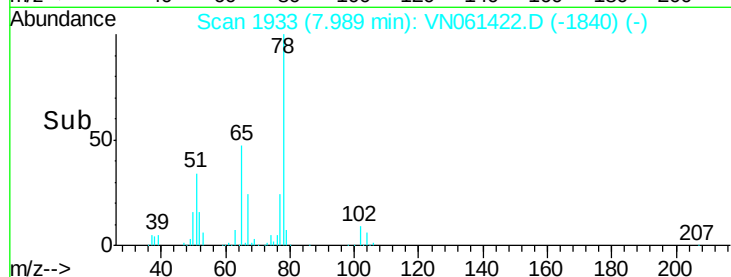
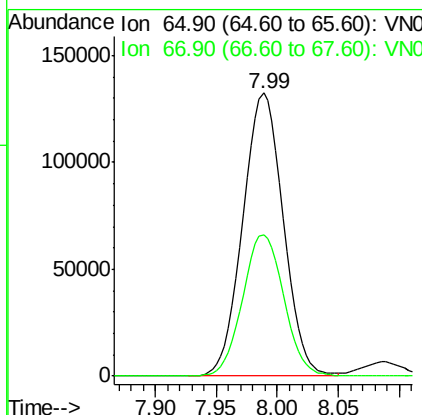
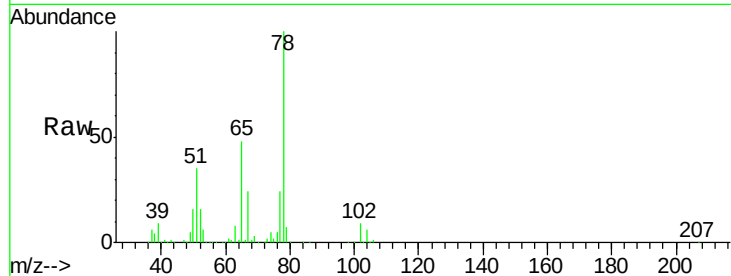




#33
 1,2-Dichloroethane-d4
 Concen: 104.151 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

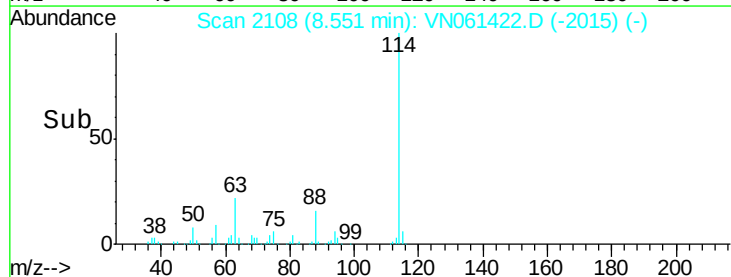
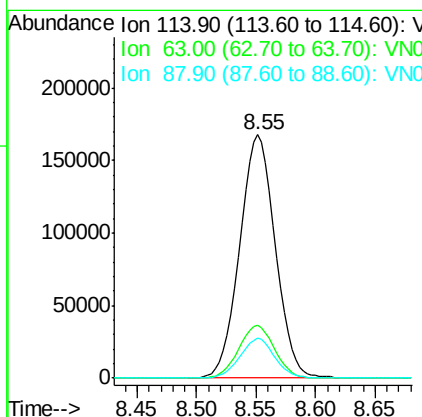
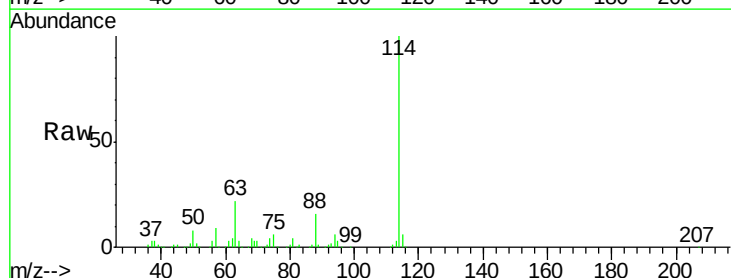
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

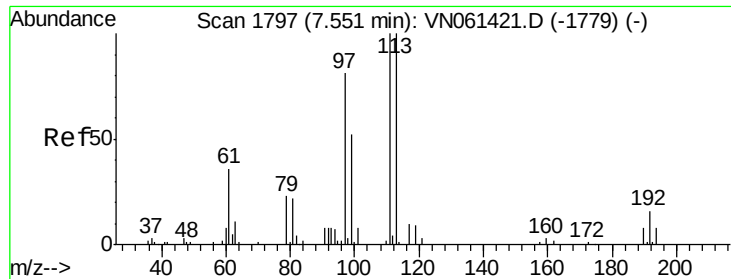
Tot Ion: 65 Resp: 304962
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 114 Resp: 347862
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.4
 88 16.3 0.0 33.6

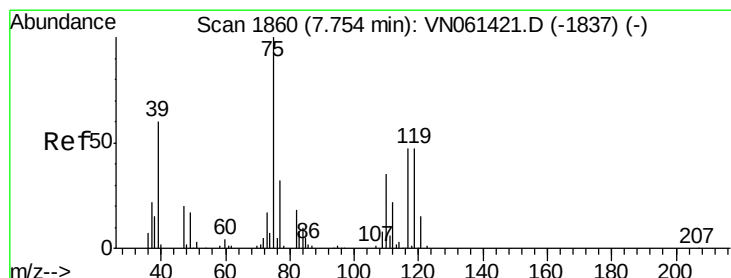
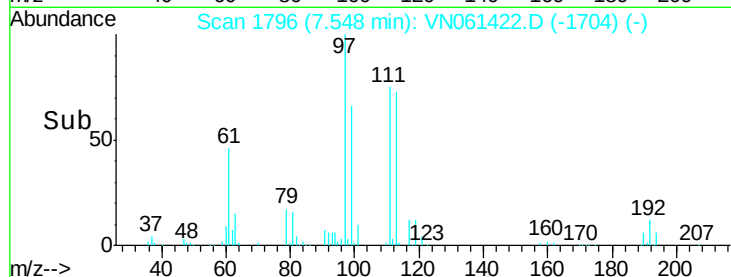
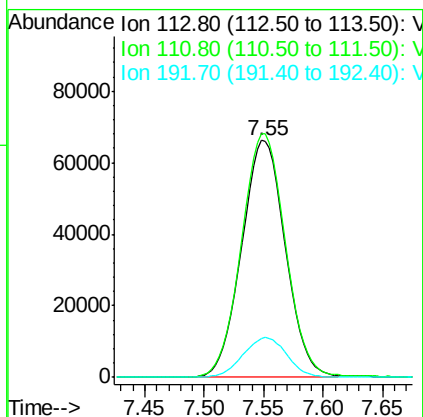
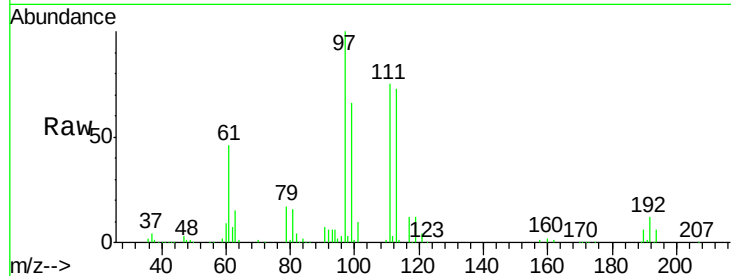




#35
 Dibromofluoromethane
 Concen: 84.306 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

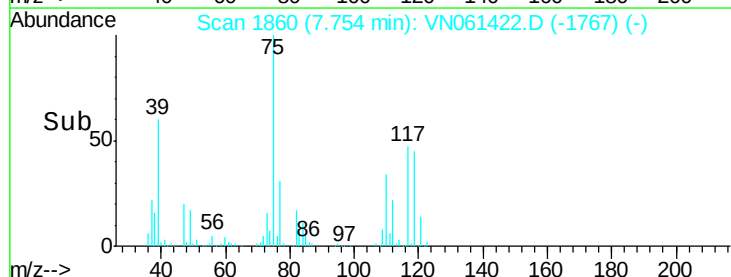
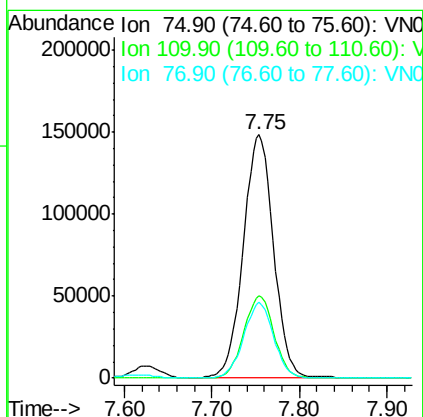
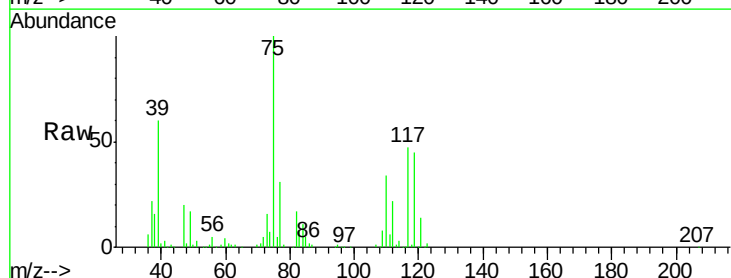
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

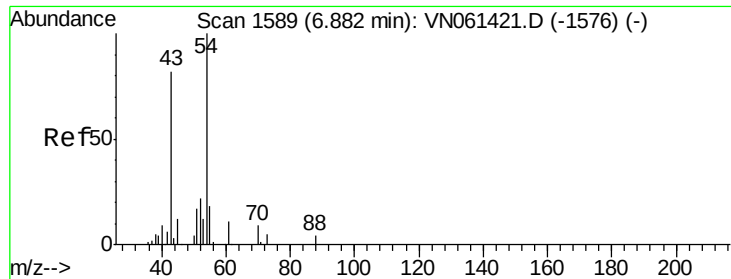
Tot Ion:113 Resp: 168562
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.6 124.0
 192 16.8 13.4 20.0



#36
 1,1-Dichloropropene
 Concen: 103.078 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 75 Resp: 355268
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.7 50.1
 77 31.1 24.7 37.1

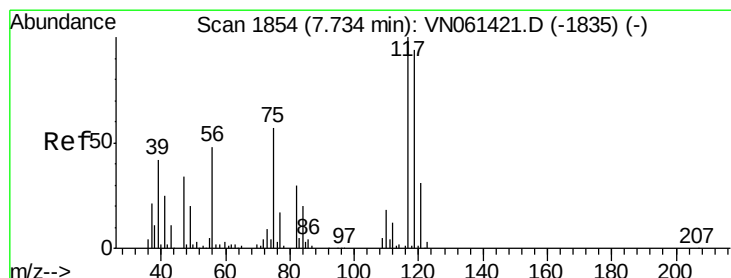
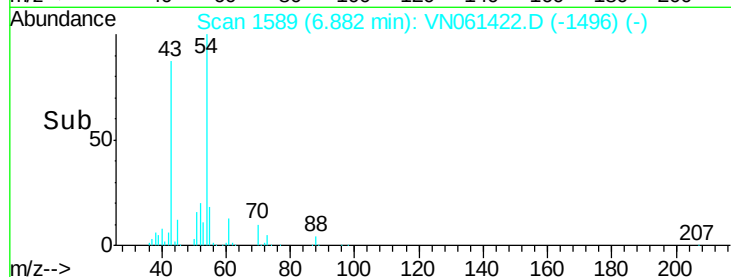
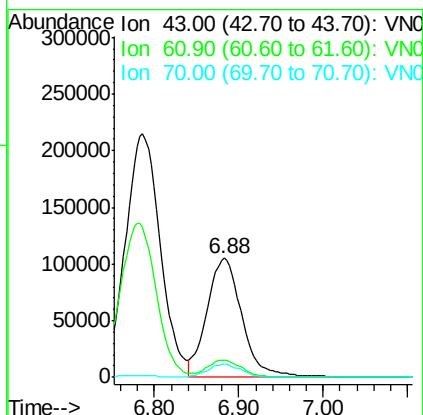
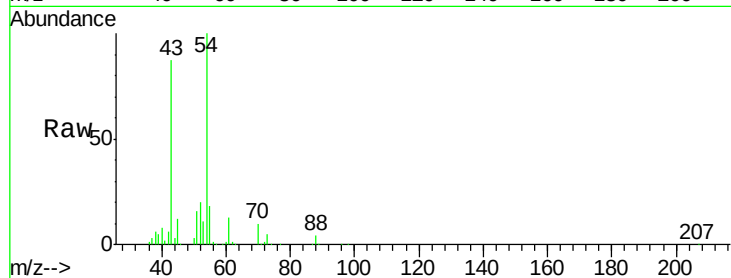




#37
Ethyl Acetate
Concen: 77.398 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

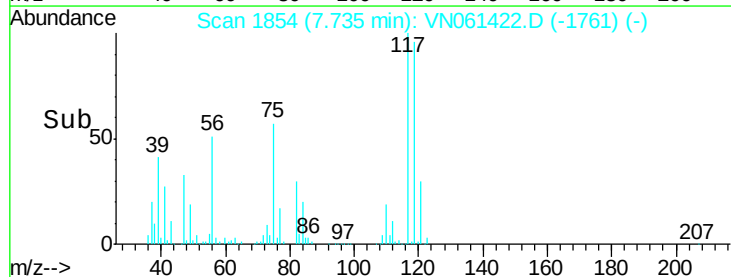
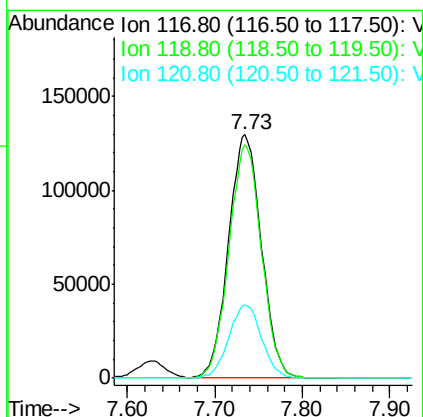
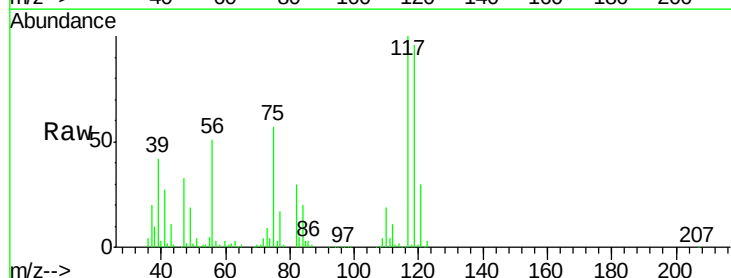
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

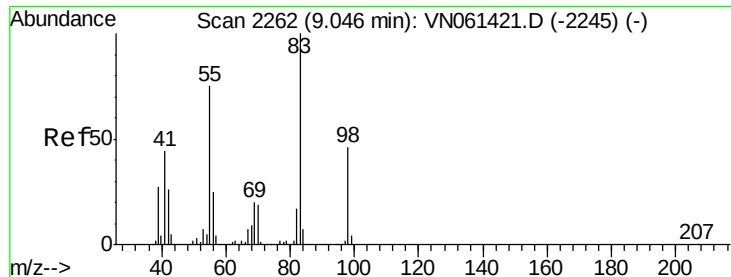
Tot Ion	43	Resp	298699
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.5	17.3
70	10.8	8.0	12.0



#38
Carbon Tetrachloride
Concen: 120.841 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion	117	Resp	336639
Ion Ratio	Lower	Upper	
117	100		
119	95.9	75.5	113.3
121	30.0	24.6	36.8

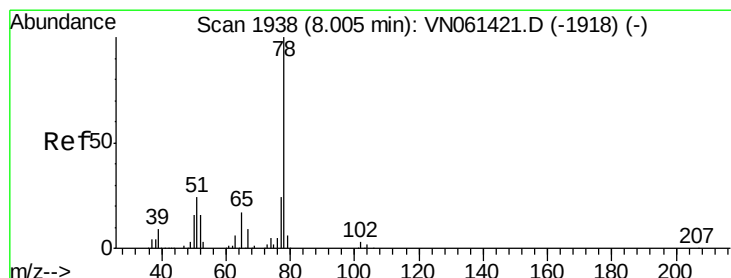
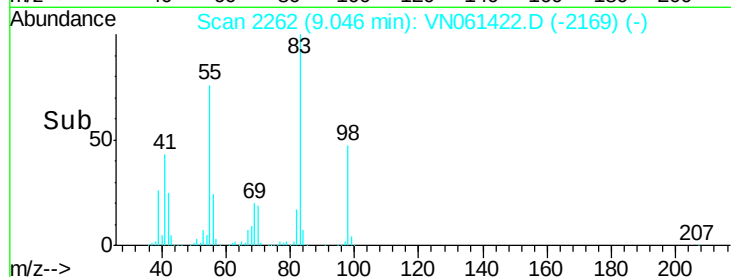
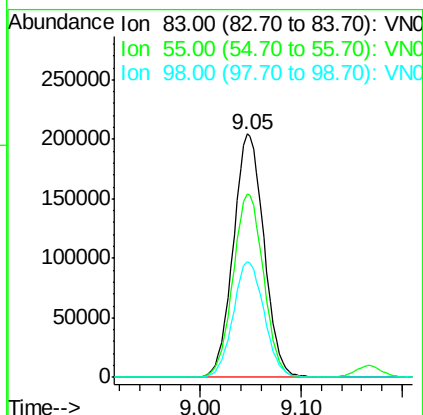
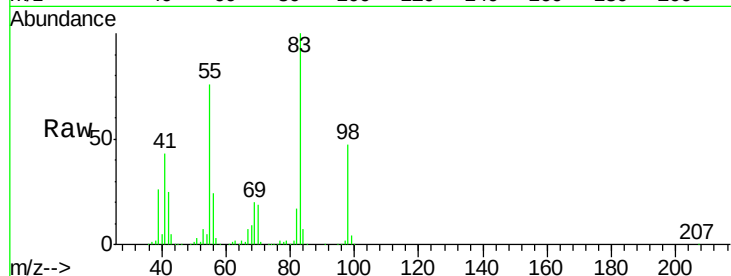




#39
Methylvlcyclohexane
Concen: 109.748 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

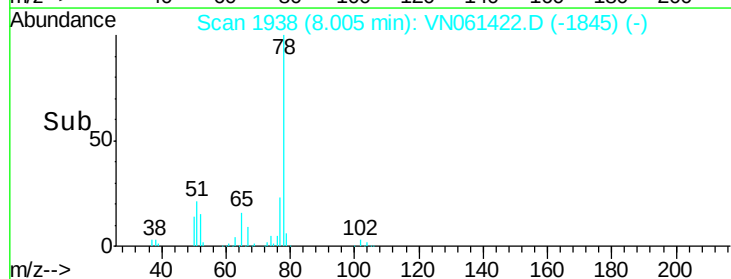
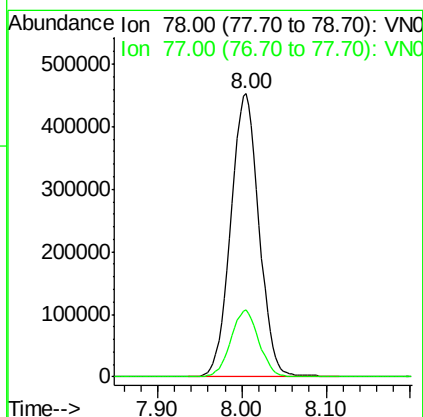
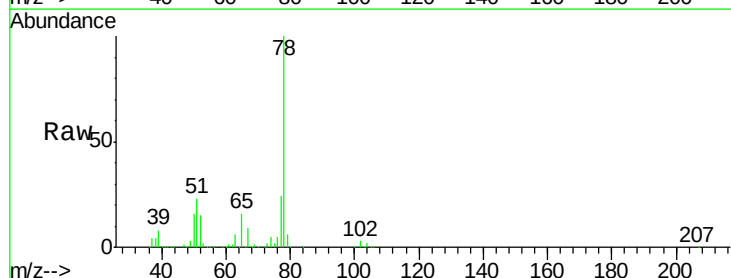
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

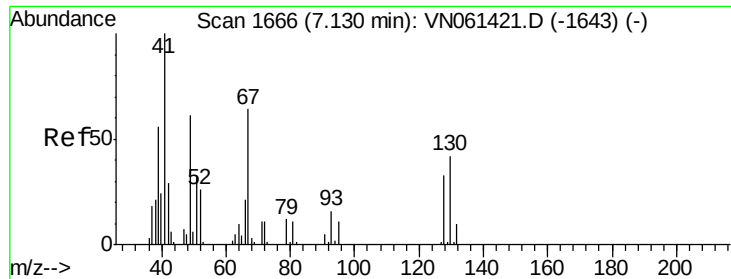
Tot Ion: 83 Resp: 431030
Ion Ratio Lower Upper
83 100
55 75.5 60.1 90.1
98 47.4 37.0 55.6



#40
Benzene
Concen: 102.430 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 78 Resp: 1057099
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

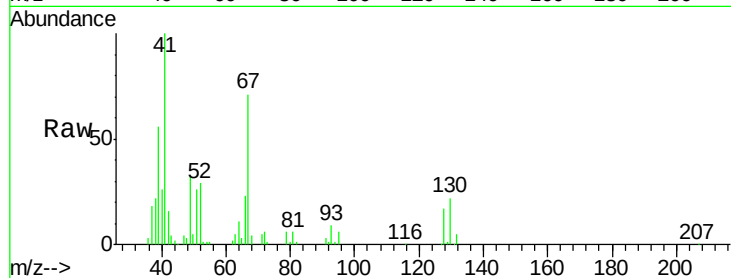




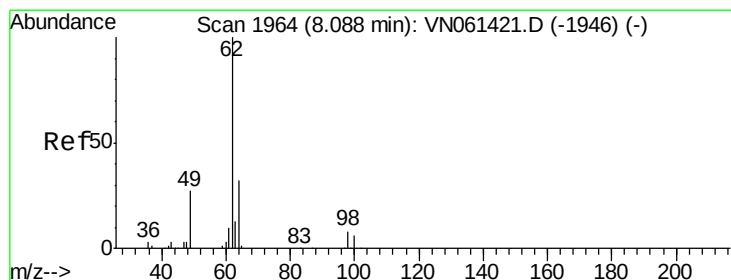
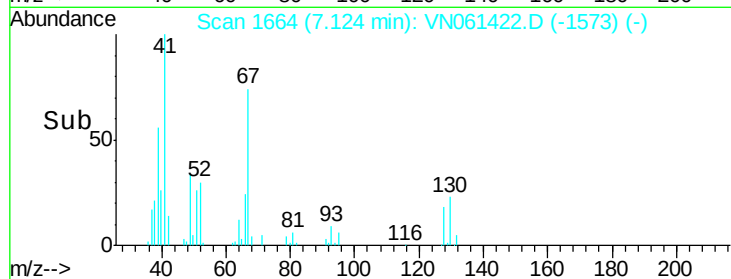
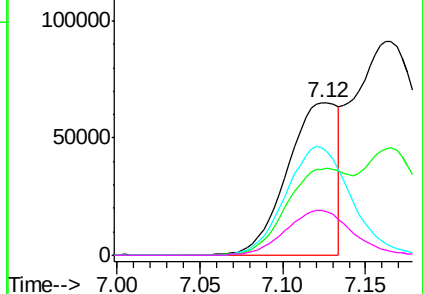
#41
Methacrylonitrile
Concen: 82.378 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:	41	Resp:	137203
Ion	Ratio	Lower	Upper
41	100		
39	72.1	42.2	63.4#
67	93.1	64.7	97.1
52	39.2	27.4	41.2

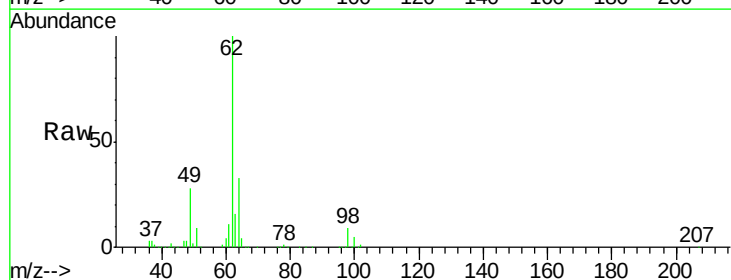


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

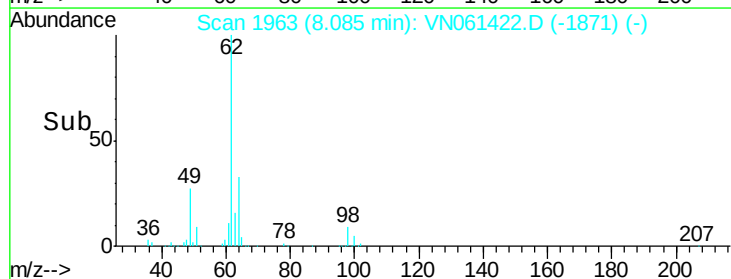
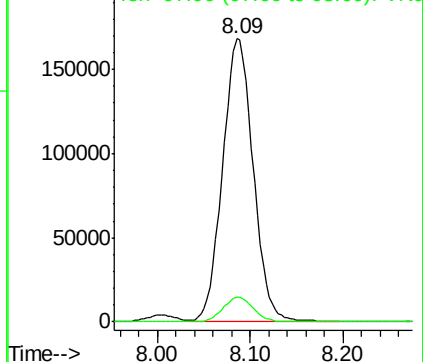


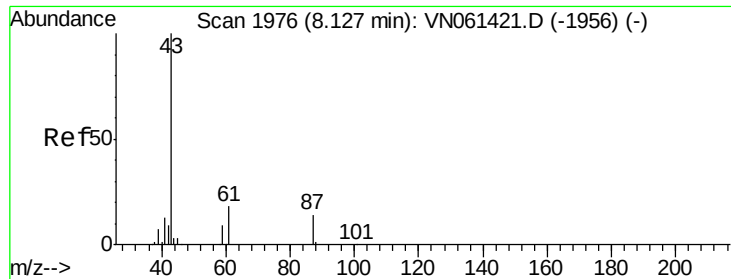
#42
1,2-Dichloroethane
Concen: 98.959 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion:	62	Resp:	383476
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 85.916 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

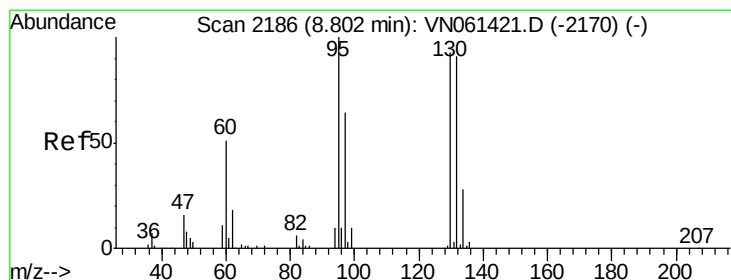
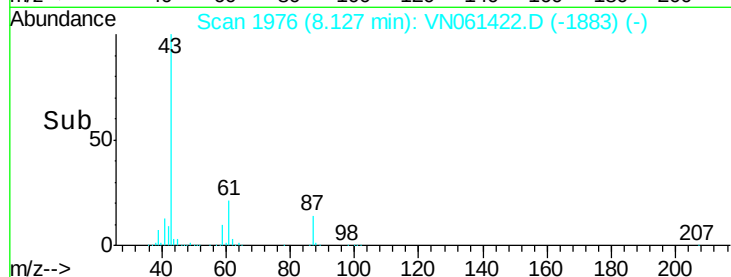
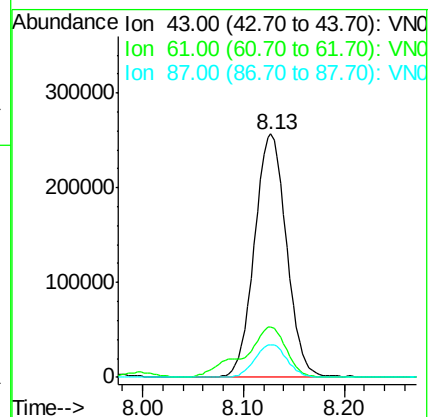
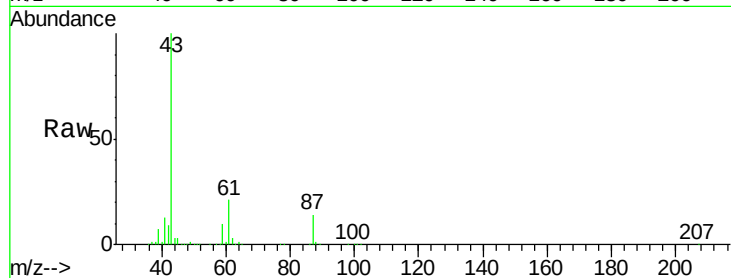
Tot Ion: 43 Resp: 561500

Ion Ratio Lower Upper

43 100

61 27.5 21.3 31.9

87 13.6 10.6 15.8



#44

Trichloroethene

Concen: 98.950 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061422.D

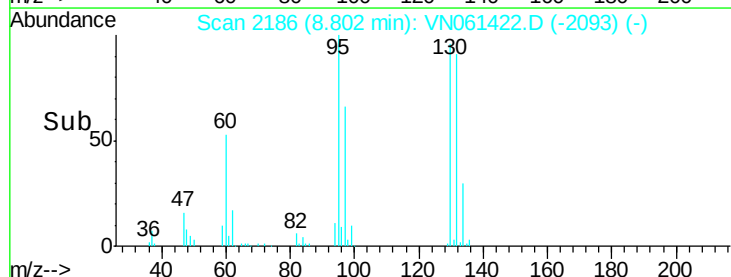
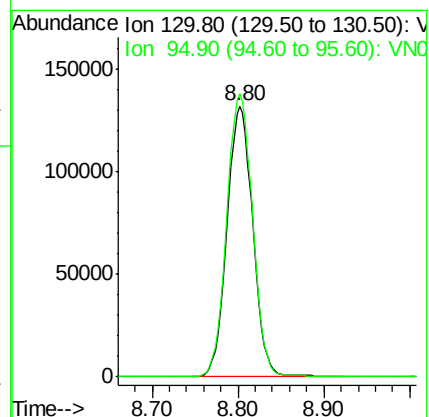
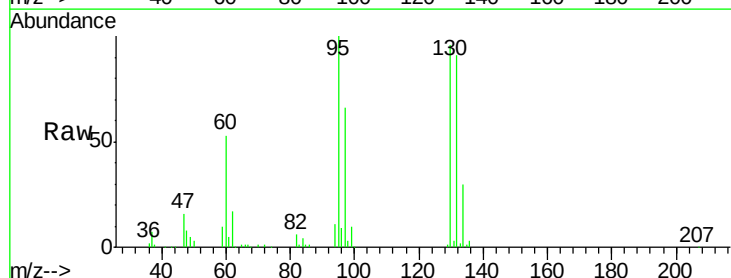
Acq: 15 May 2020 22:09

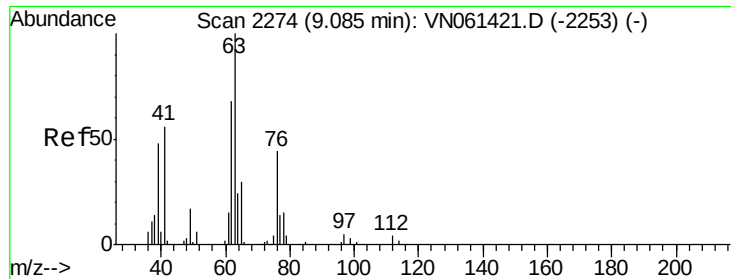
Tgt Ion: 130 Resp: 274675

Ion Ratio Lower Upper

130 100

95 104.6 0.0 214.8

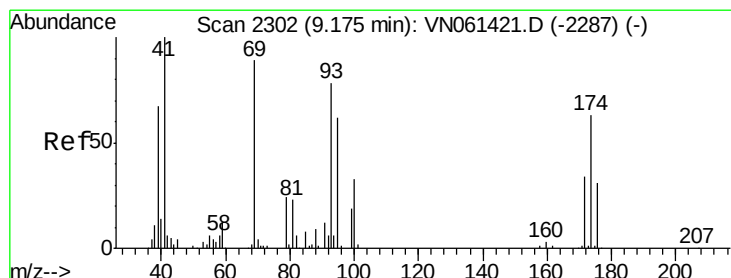
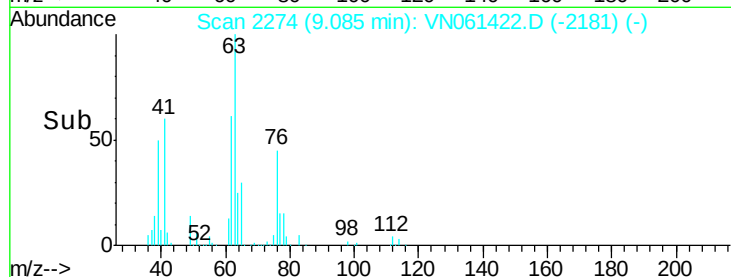
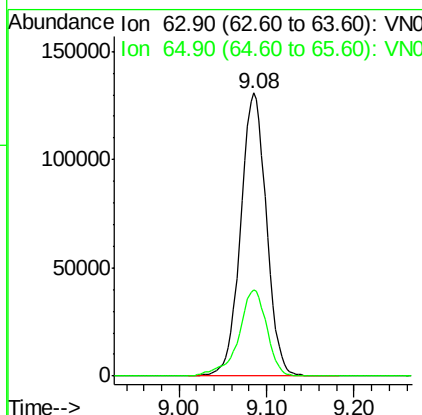
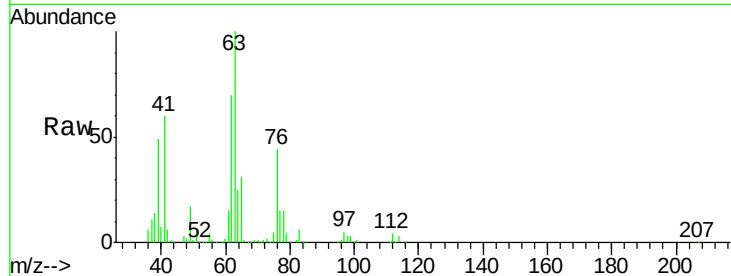




#45
 1,2-Dichloropropane
 Concen: 98.052 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

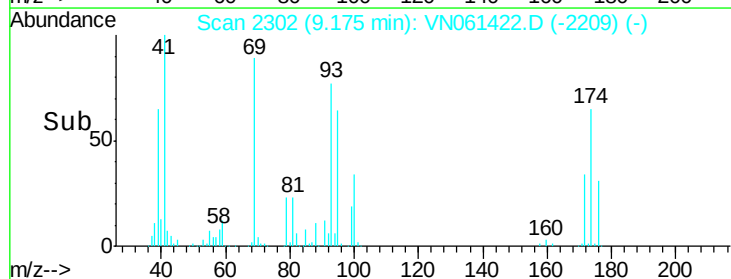
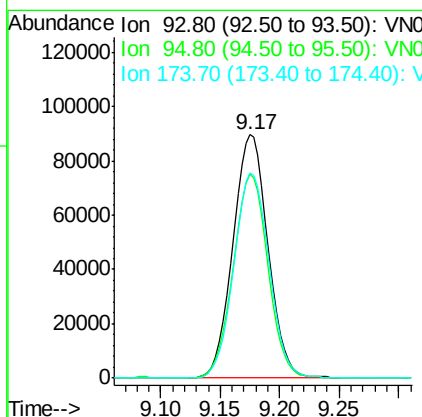
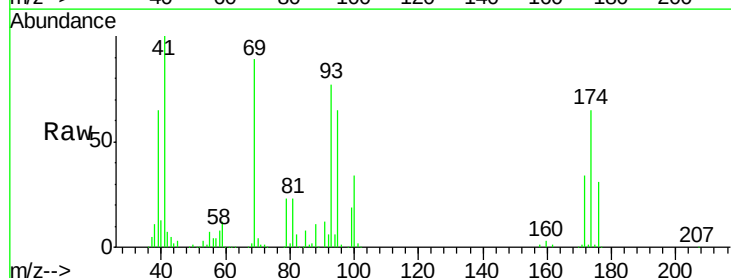
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

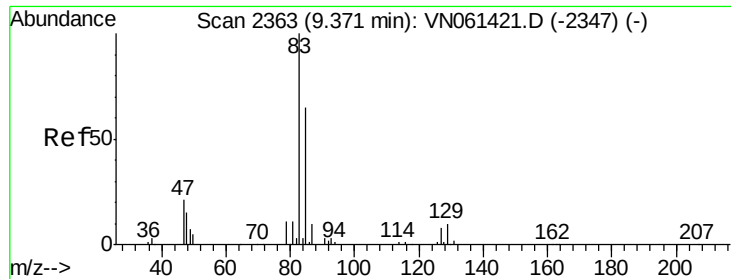
Tot Ion: 63 Resp: 268468
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.9 35.9



#46
 Dibromomethane
 Concen: 106.907 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 93 Resp: 182947
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.3 97.9
 174 84.8 66.2 99.2





#47

Bromodichloromethane

Concen: 106.305 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

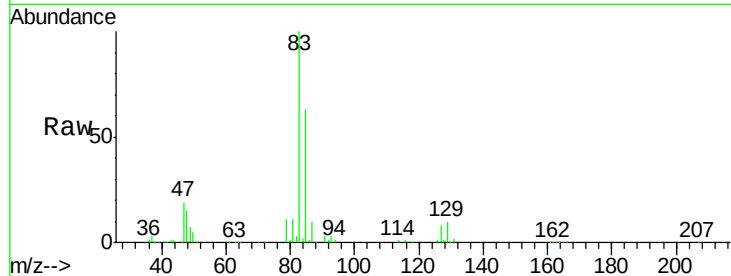
Tot Ion: 83 Resp: 390140

Ion Ratio Lower Upper

83 100

85 63.5 52.1 78.1

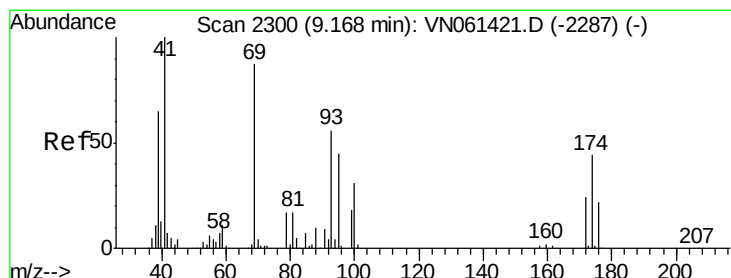
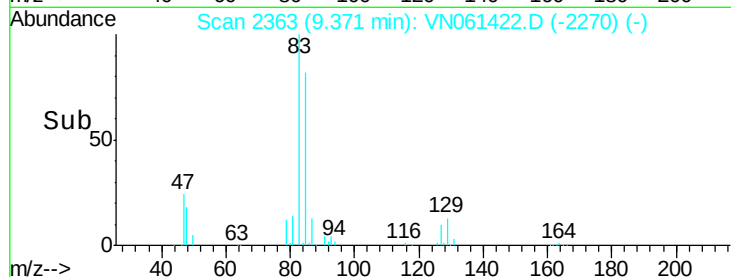
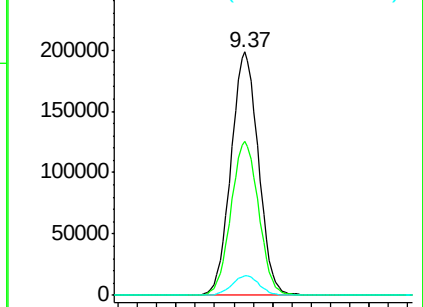
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN061422.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061422.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061422.D (-2270) (-)



#48

Methyl methacrylate

Concen: 88.034 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

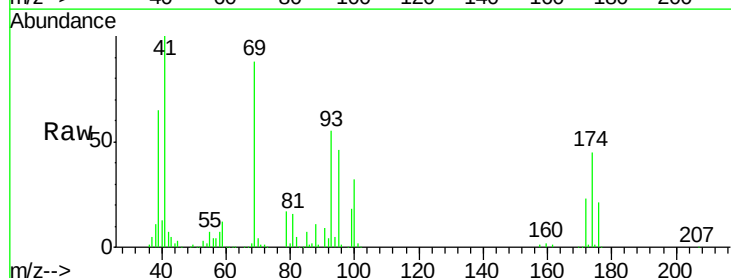
Tgt Ion: 41 Resp: 258925

Ion Ratio Lower Upper

41 100

69 91.4 71.1 106.7

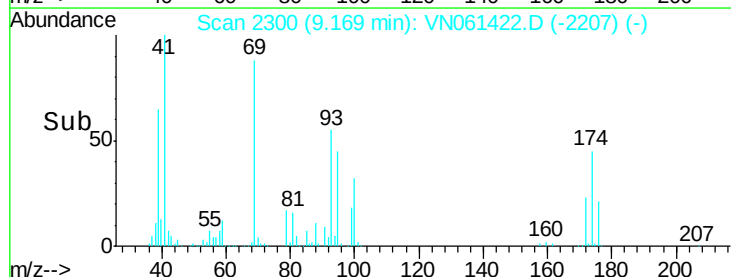
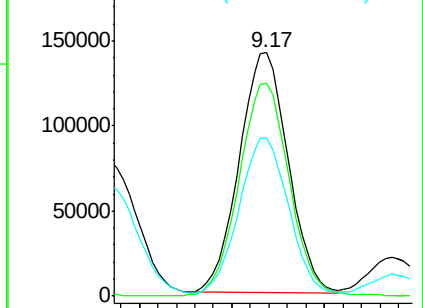
39 67.1 54.8 82.2

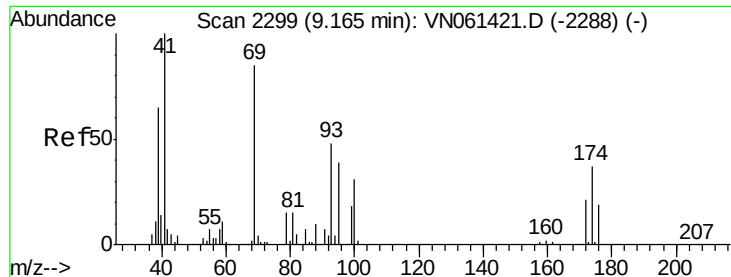


Abundance Ion 41.00 (40.70 to 41.70): VN061422.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN061422.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN061422.D (-2207) (-)

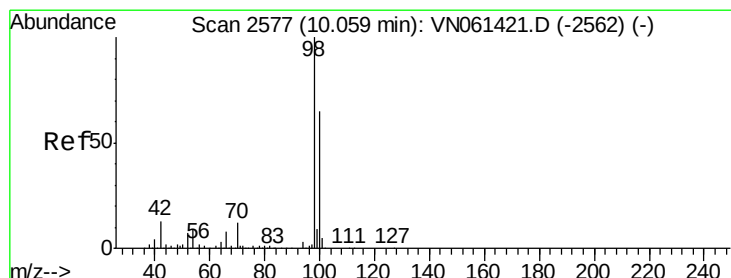
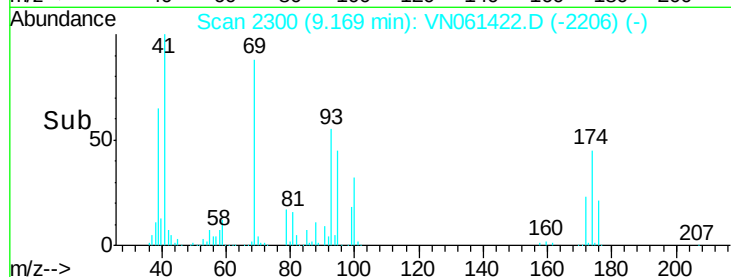
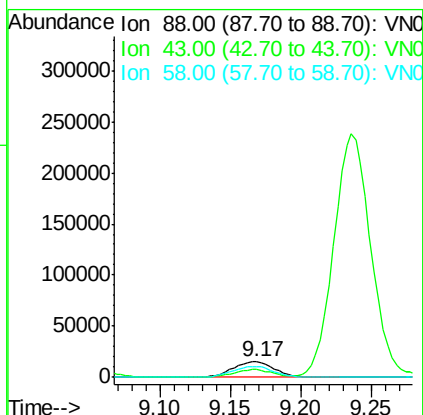
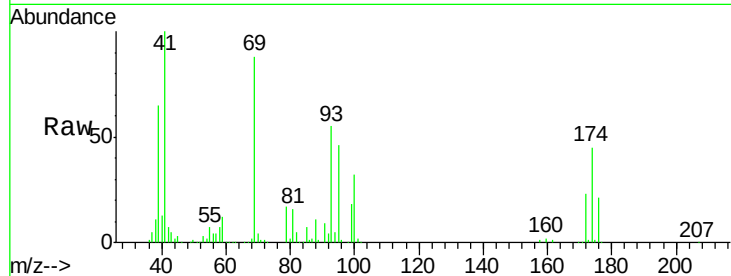




#49
1,4-Dioxane
Concen: 1013.542 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

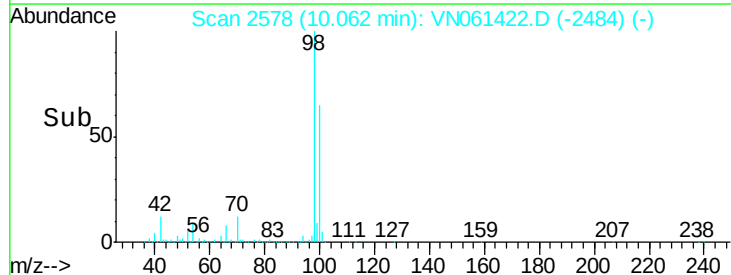
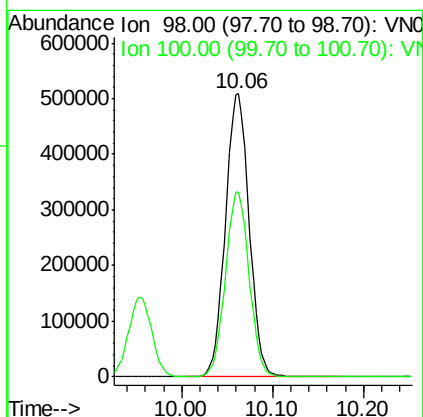
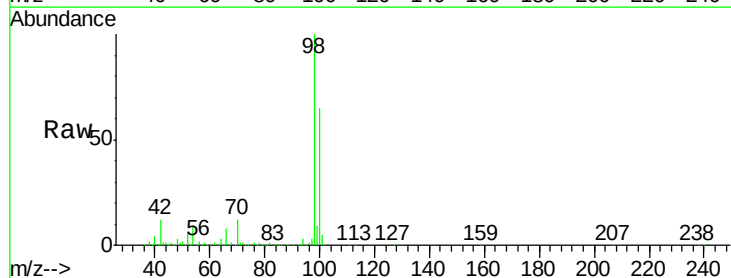
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

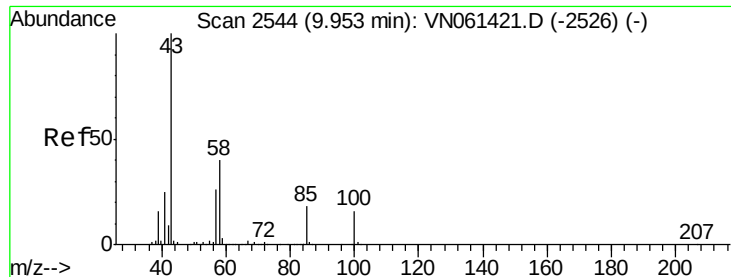
Tot Ion: 88 Resp: 31978
Ion Ratio Lower Upper
88 100
43 44.1 38.9 58.3
58 69.7 55.5 83.3



#50
Toluene-d8
Concen: 109.187 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 98 Resp: 922406
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

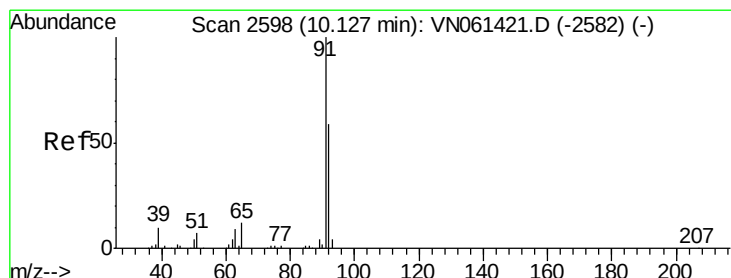
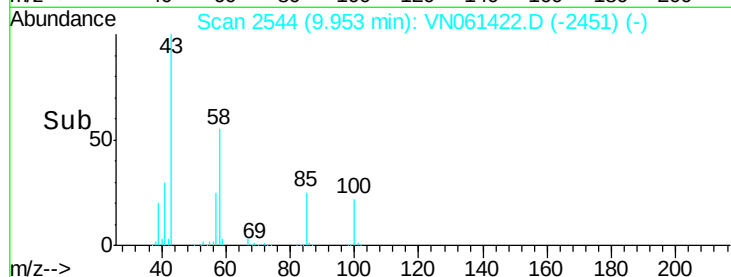
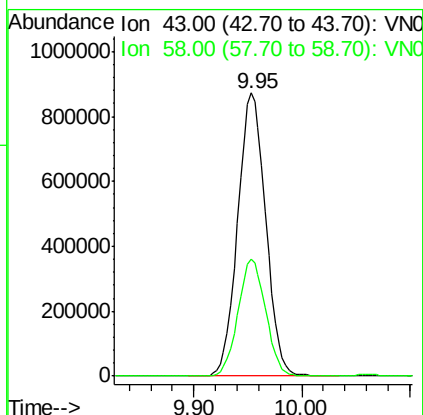
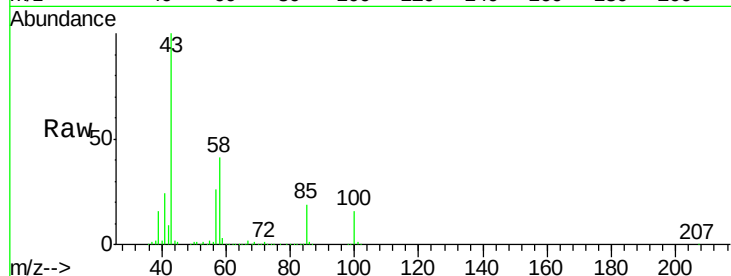




#51
 4-Methyl-2-Pentanone
 Concen: 415.508 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

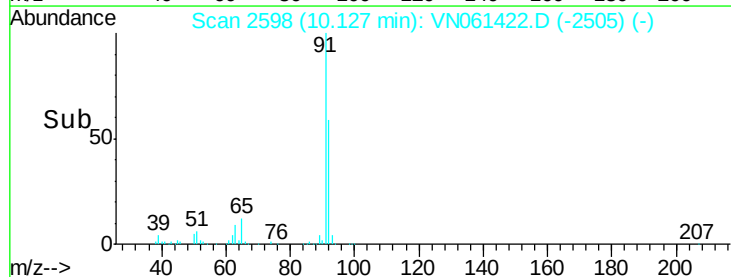
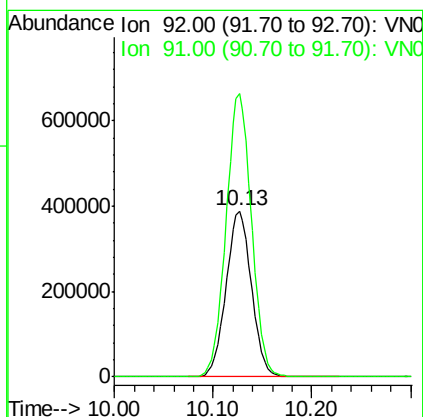
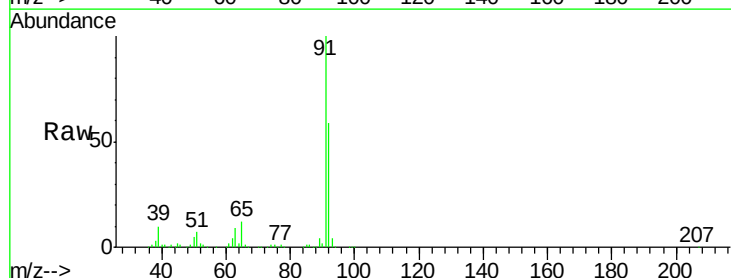
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

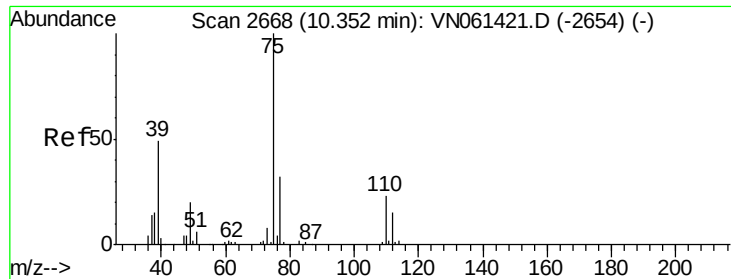
Tot Ion: 43 Resp: 1575252
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.2 48.4



#52
 Toluene
 Concen: 112.046 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 92 Resp: 702462
 Ion Ratio Lower Upper
 92 100
 91 171.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 107.175 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

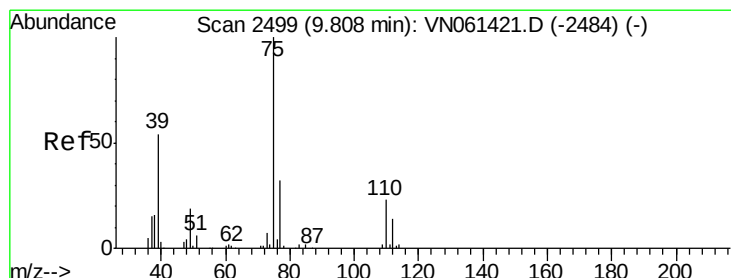
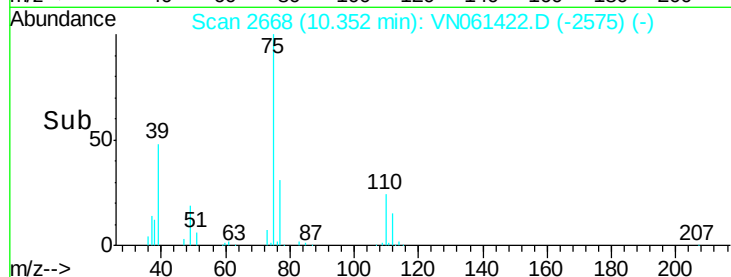
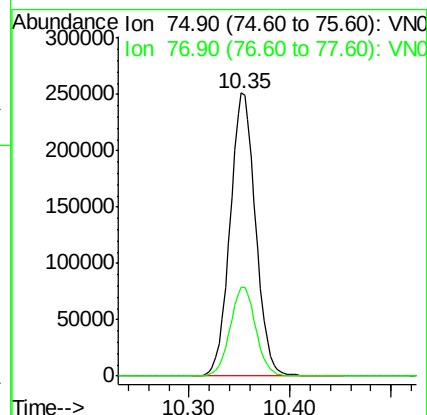
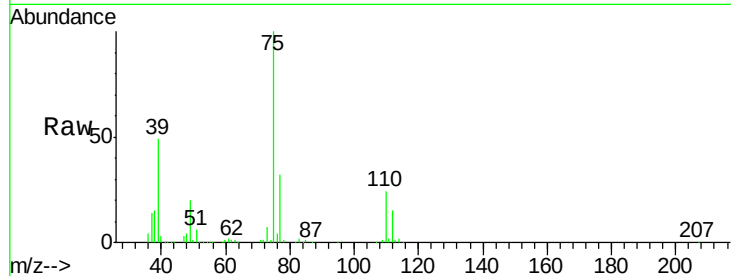
VSTDIC100

Tot Ion: 75 Resp: 443232

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 104.298 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

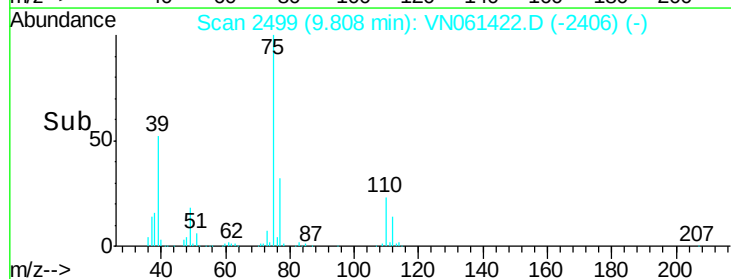
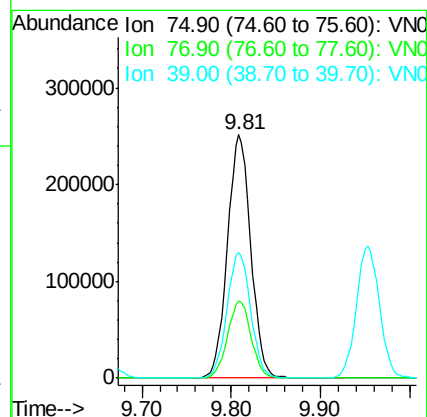
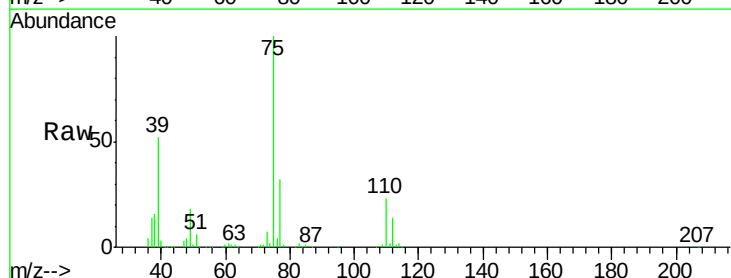
Tgt Ion: 75 Resp: 455565

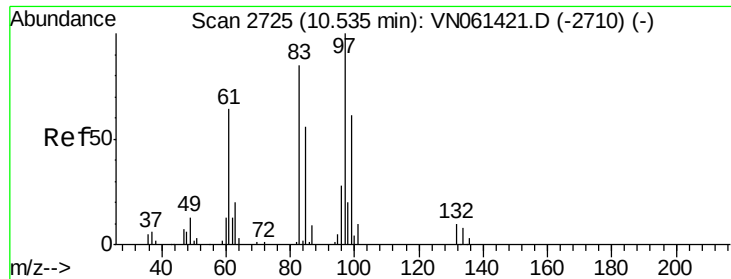
Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

39 51.7 43.0 64.6

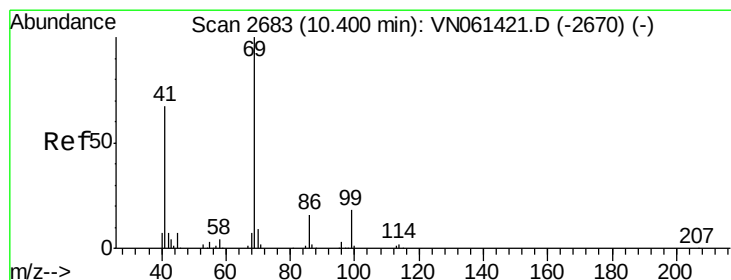
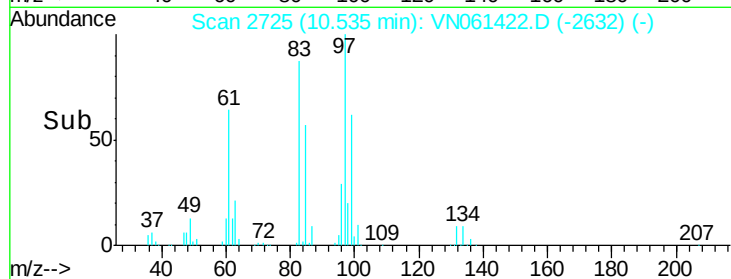
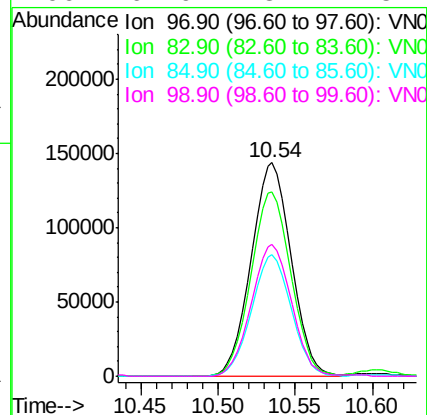
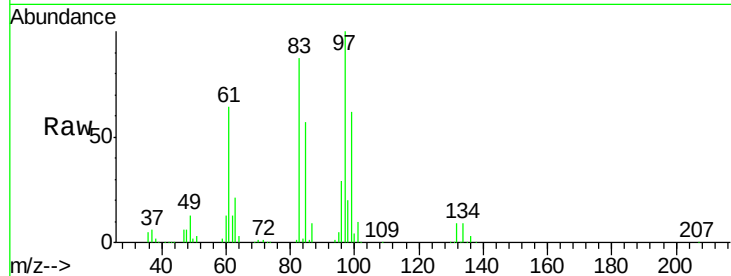




#55
 1,1,2-Trichloroethane
 Concen: 104.352 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

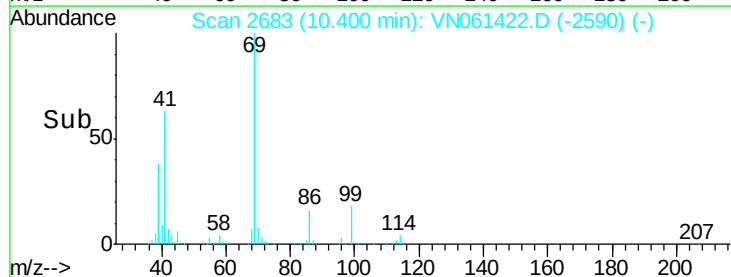
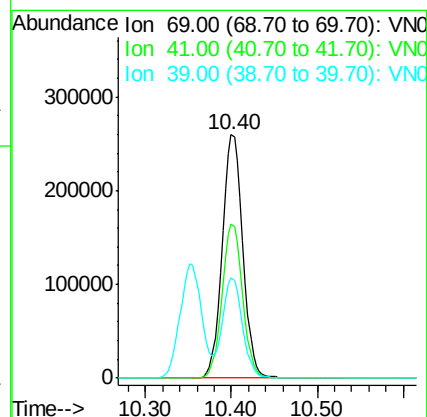
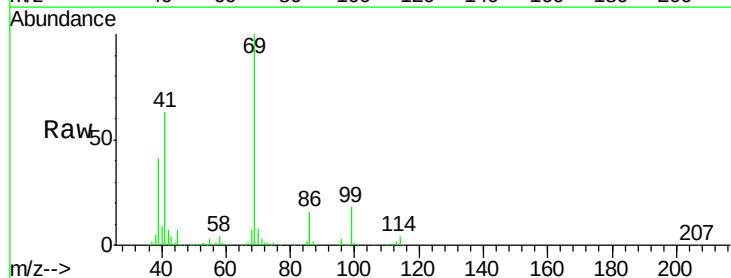
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

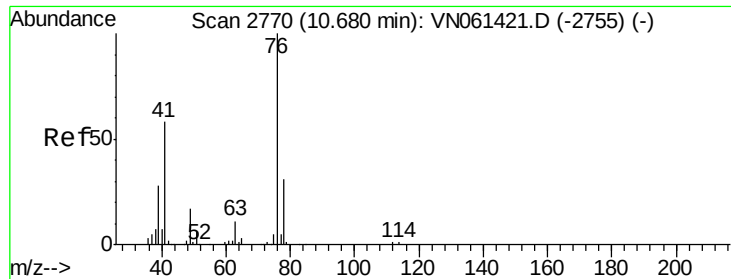
Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.7	101.5
85	57.2	44.6	66.8
99	61.9	48.7	73.1



#56
 Ethyl methacrylate
 Concen: 115.390 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.5	51.6	77.4
39	40.1	32.9	49.3





#57

1,3-Dichloropropane

Concen: 103.347 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

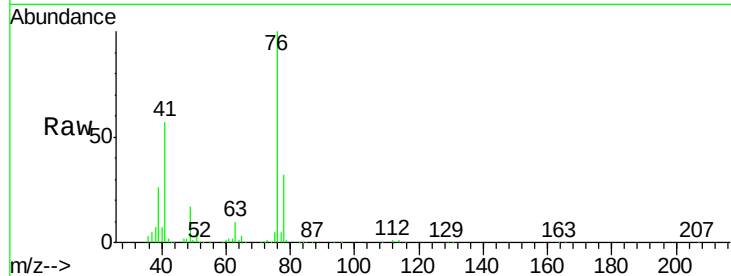
VSTDIC100

Tot Ion: 76 Resp: 448721

Ion Ratio Lower Upper

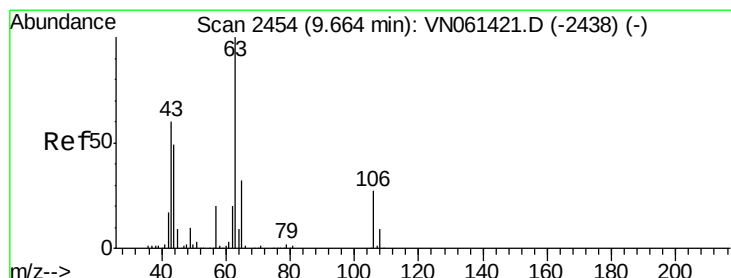
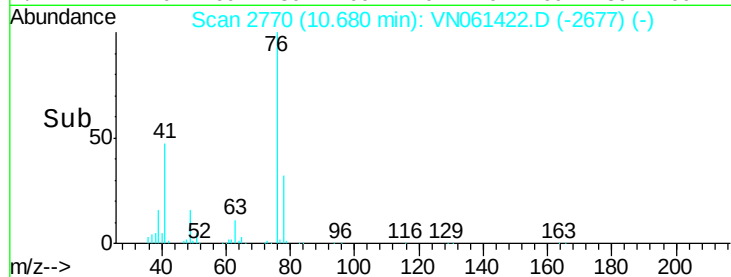
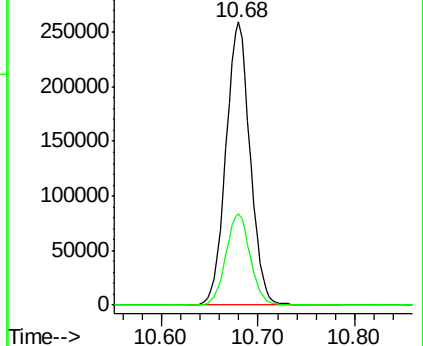
76 100

78 32.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN061422.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN061422.D (-2677) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 473.082 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061422.D

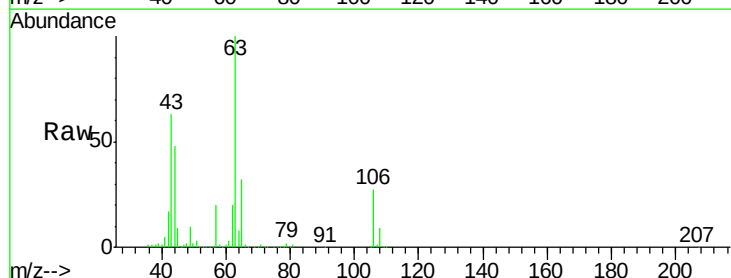
Acq: 15 May 2020 22:09

Tgt Ion: 63 Resp: 928803

Ion Ratio Lower Upper

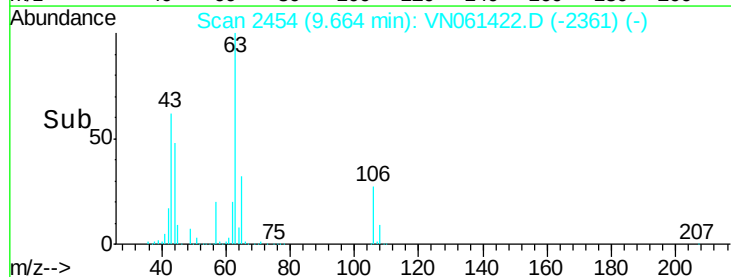
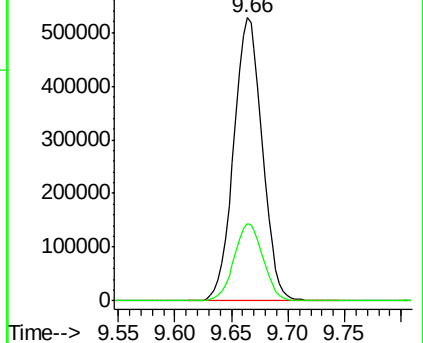
63 100

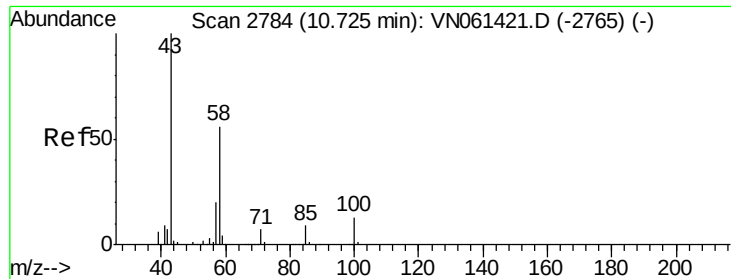
106 27.6 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN061422.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN061422.D (-2361) (-)

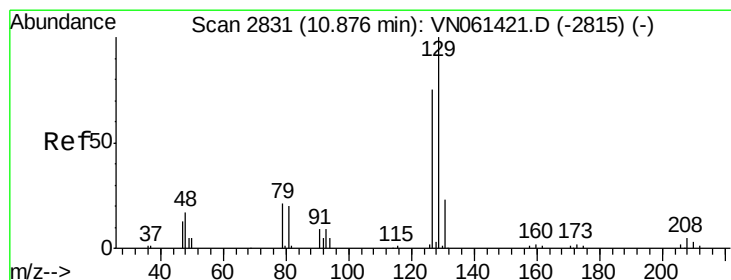
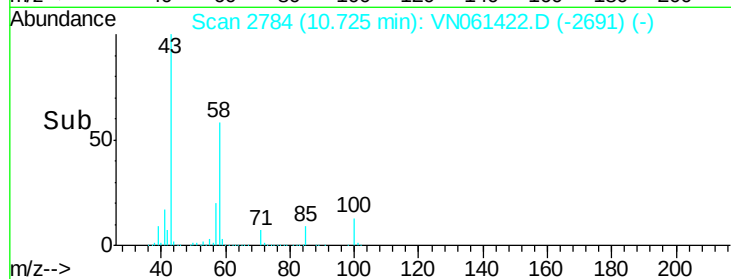
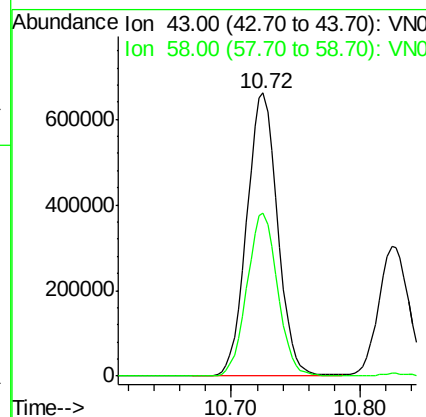
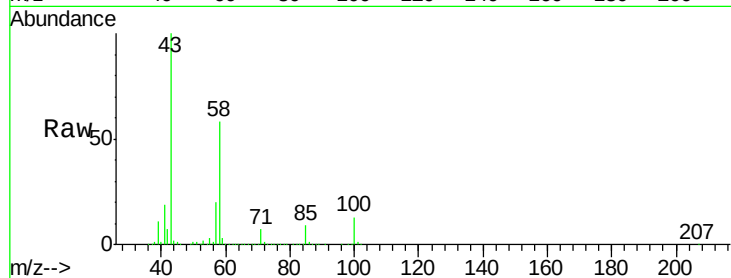




#59
2-Hexanone
Concen: 402.865 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

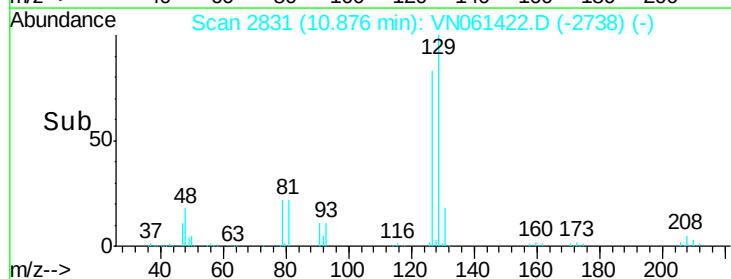
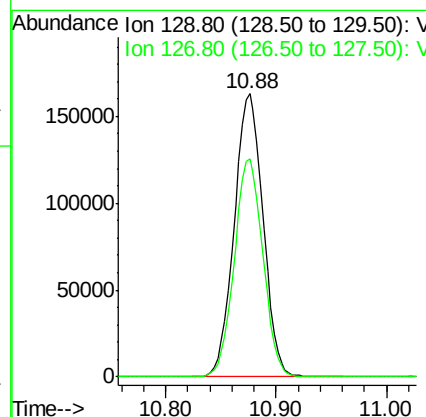
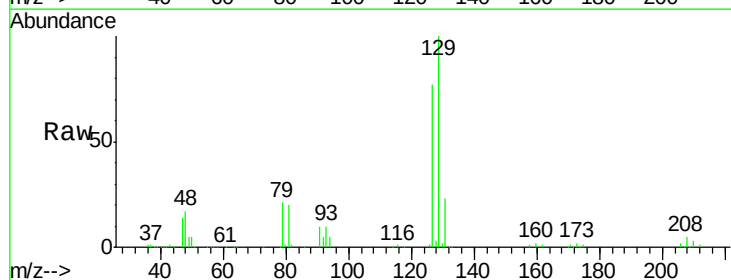
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

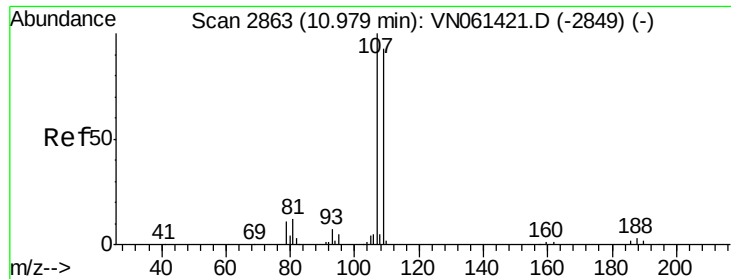
Tot Ion: 43 Resp: 1101001
Ion Ratio Lower Upper
43 100
58 57.2 27.9 83.7



#60
Dibromochloromethane
Concen: 112.726 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 129 Resp: 295148
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

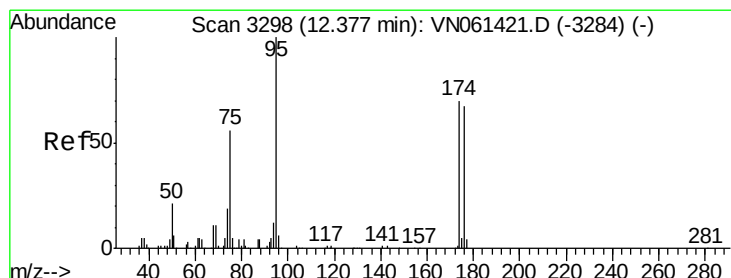
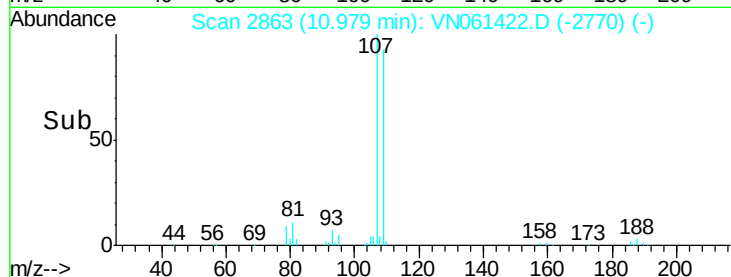
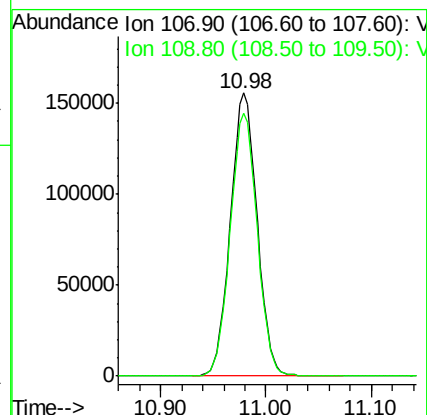
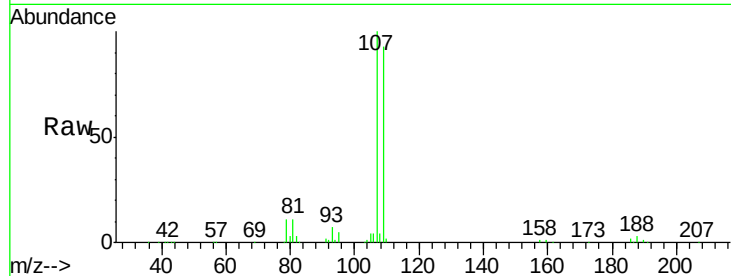




#61
 1,2-Dibromoethane
 Concen: 109.337 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

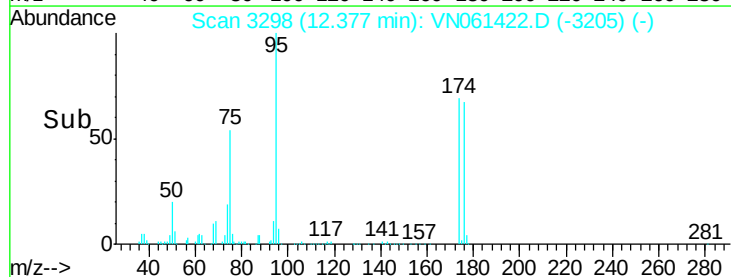
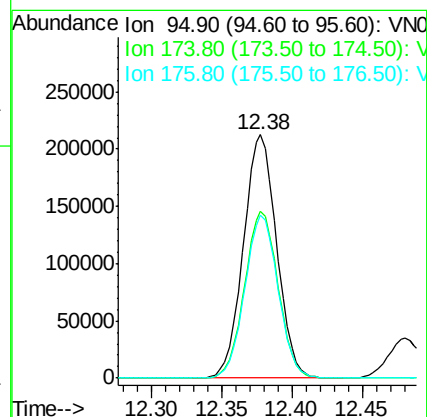
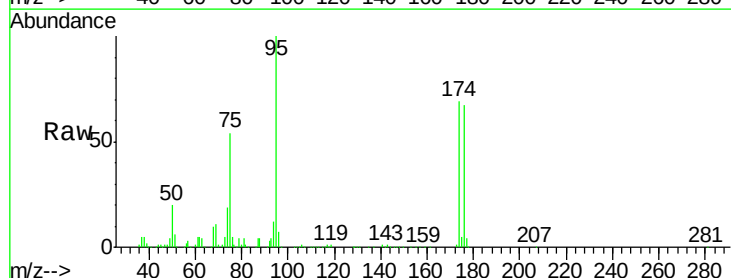
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

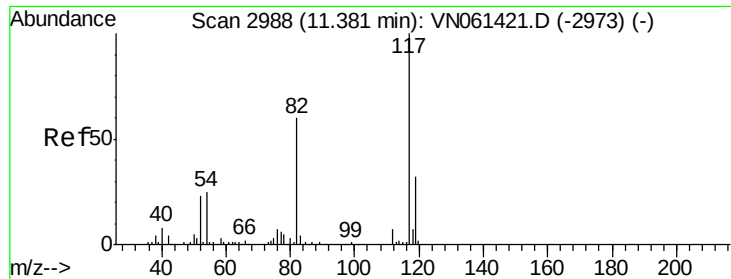
Tot Ion:107 Resp: 272544
 Ion Ratio Lower Upper
 107 100
 109 94.0 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 110.522 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 95 Resp: 351500
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 140.4
 176 66.9 0.0 134.0

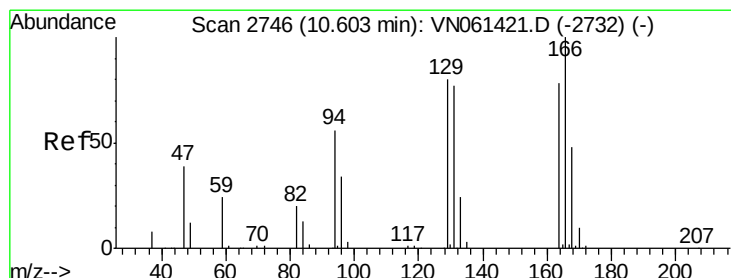
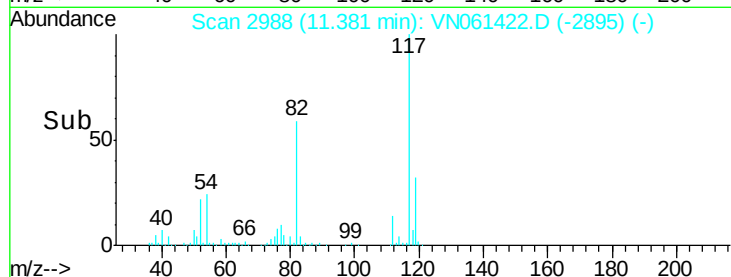
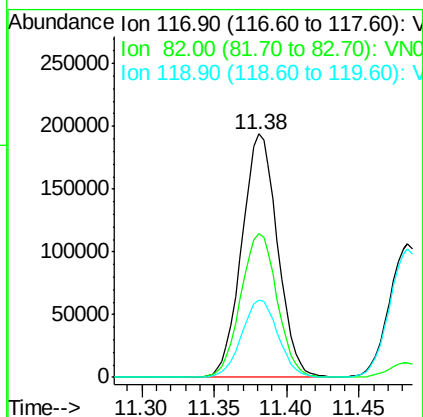
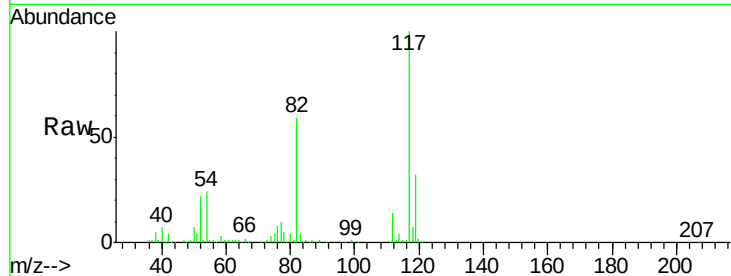




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

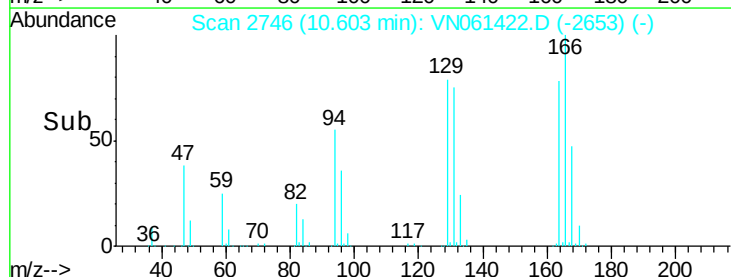
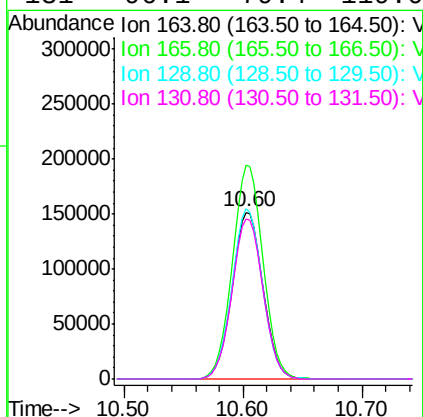
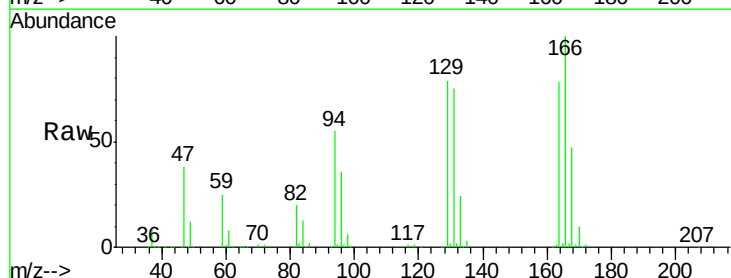
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

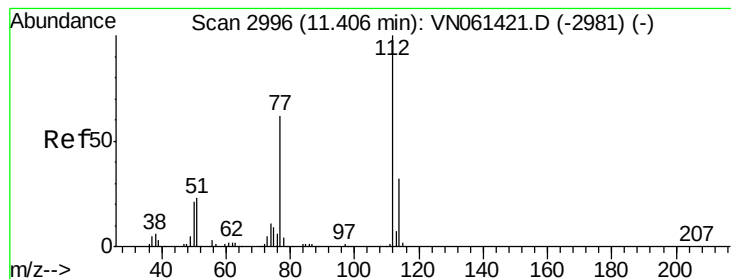
Tot Ion:117 Resp: 333530
Ion Ratio Lower Upper
117 100
82 59.0 47.7 71.5
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 95.689 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion:164 Resp: 271371
Ion Ratio Lower Upper
164 100
166 128.0 102.6 154.0
129 101.7 81.9 122.9
131 96.1 79.4 119.0





#65

Chlorobenzene

Concen: 107.691 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

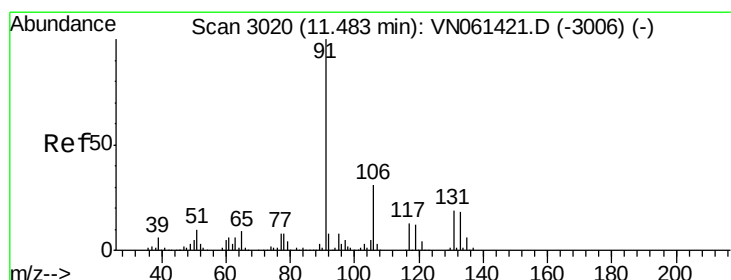
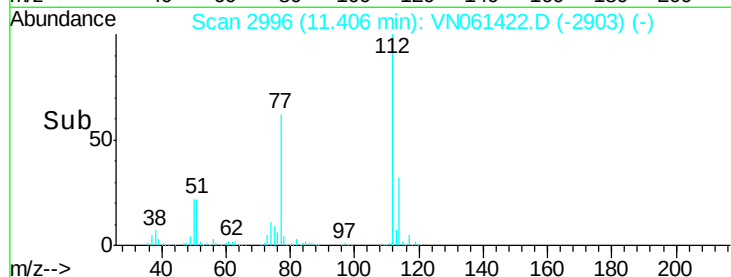
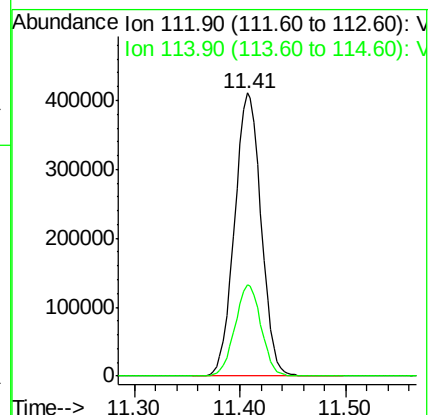
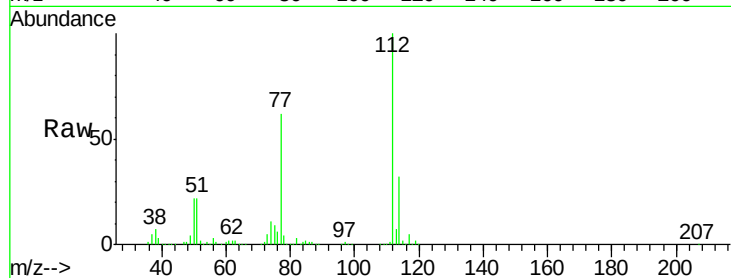
VSTDIC100

Tot Ion:112 Resp: 713652

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 110.694 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

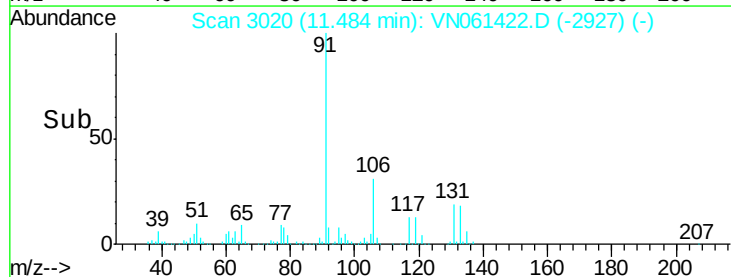
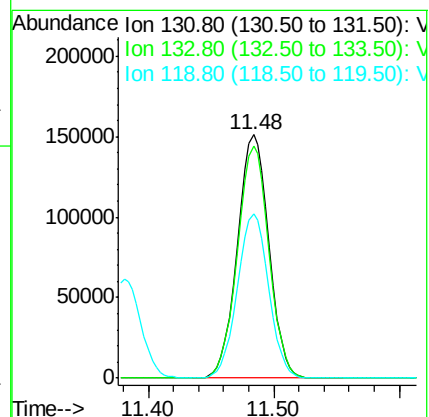
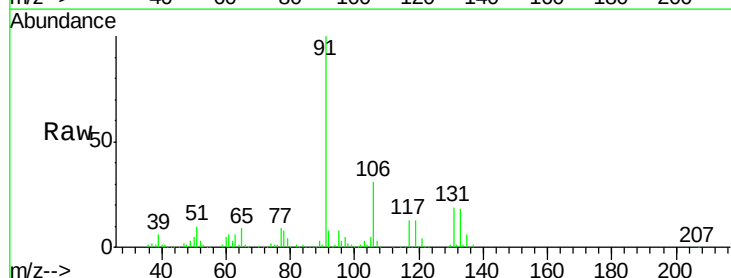
Tgt Ion:131 Resp: 263238

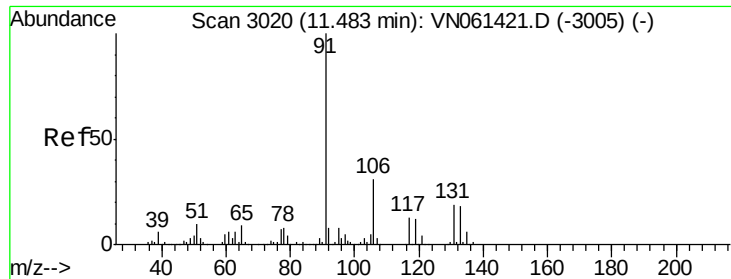
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.5

119 67.3 33.0 98.9

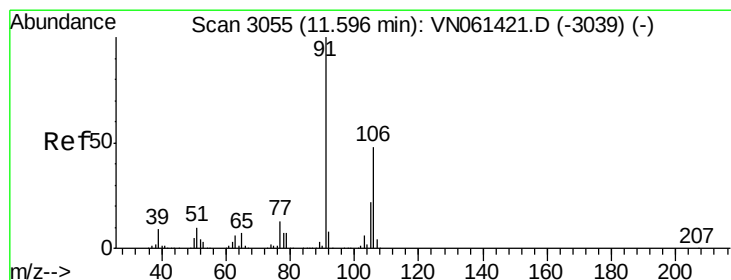
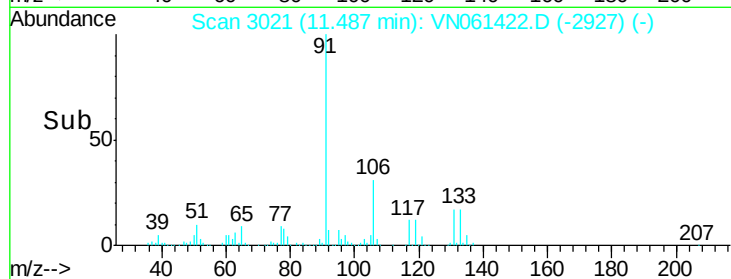
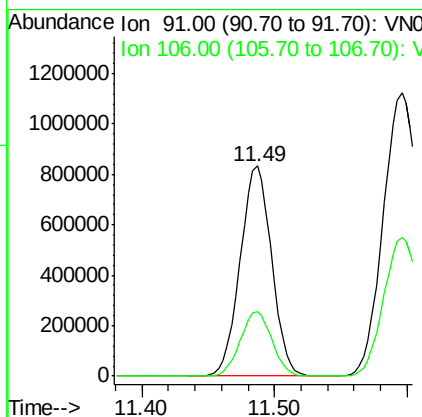
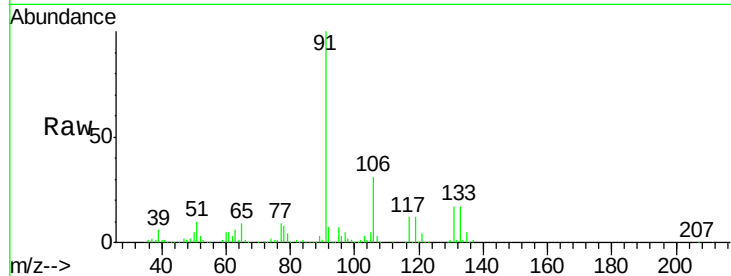




#67
Ethyl Benzene
Concen: 110.818 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

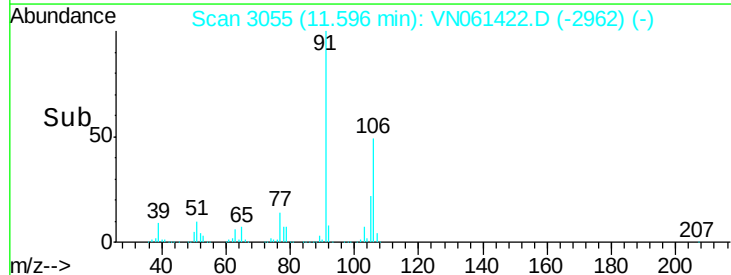
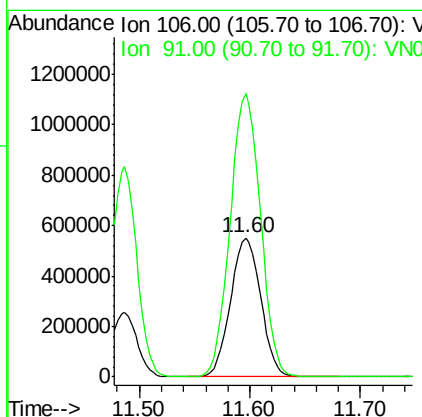
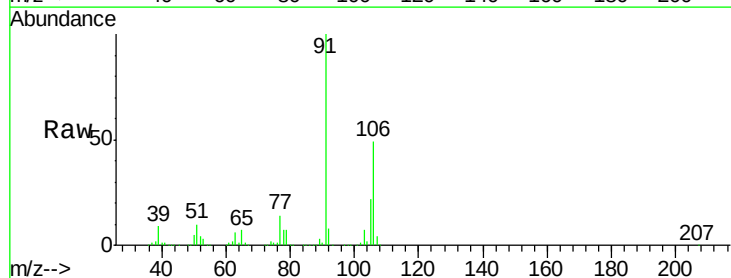
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

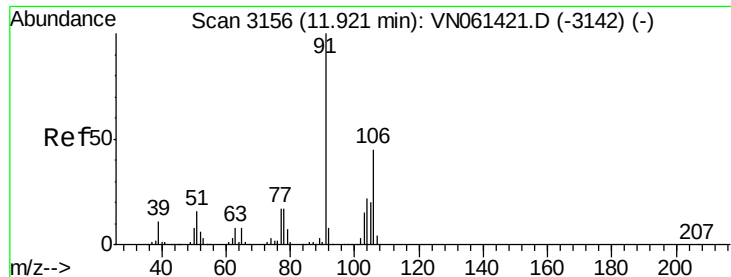
Tot Ion: 91 Resp: 1375321
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 229.581 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion: 106 Resp: 1046028
Ion Ratio Lower Upper
106 100
91 205.2 167.4 251.2

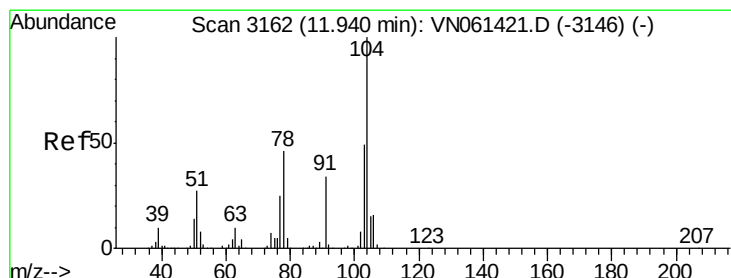
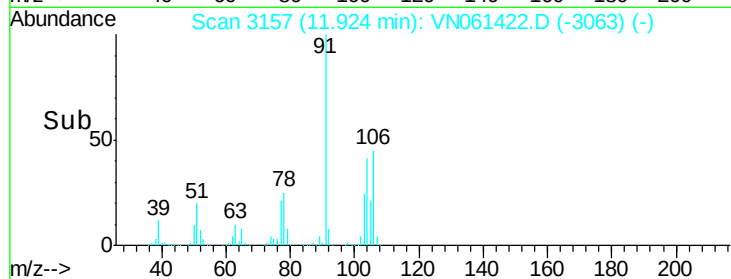
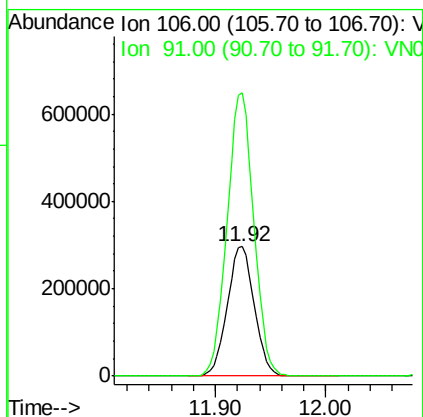
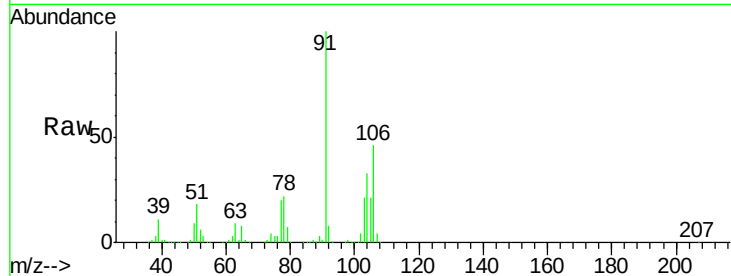




#69
o-Xylene
Concen: 114.566 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

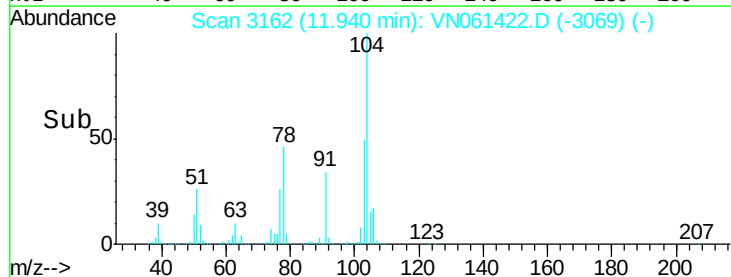
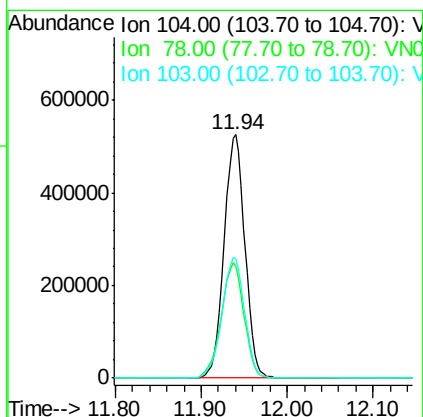
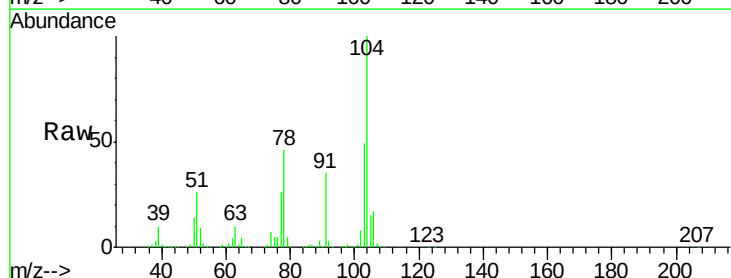
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

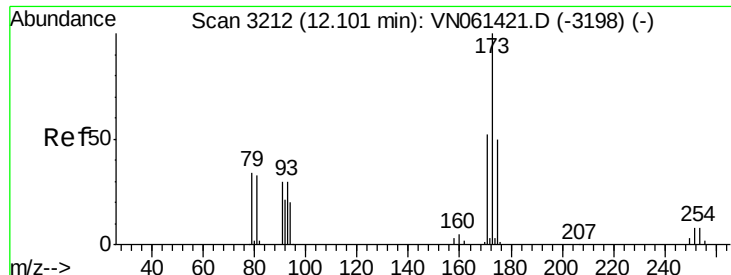
Tot Ion:106 Resp: 501435
Ion Ratio Lower Upper
106 100
91 216.6 109.7 329.2



#70
Styrene
Concen: 120.048 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061422.D
Acq: 15 May 2020 22:09

Tgt Ion:104 Resp: 882878
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 53.7 42.9 64.3





#71

Bromoform

Concen: 113.349 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

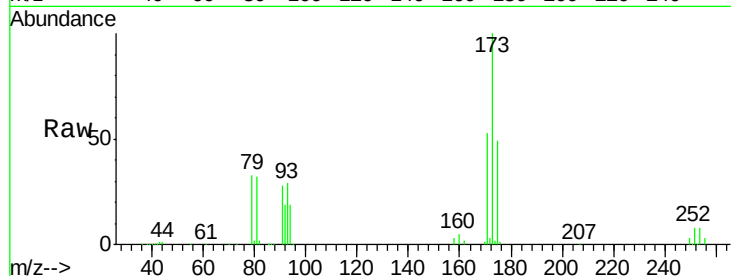
Tot Ion:173 Resp: 195398

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

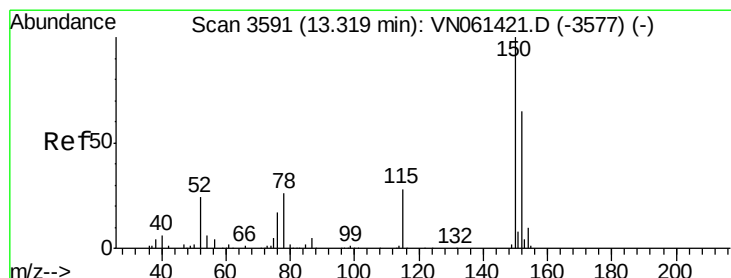
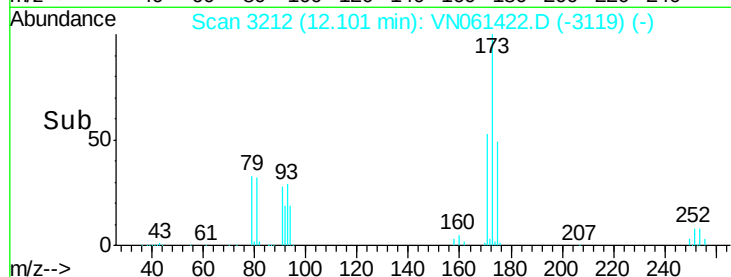
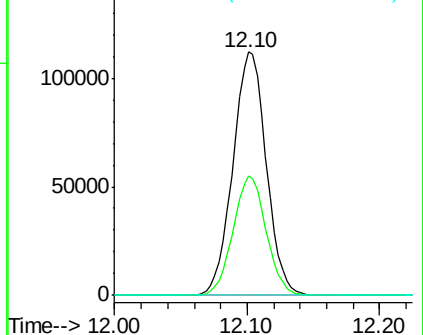
254 0.0 0.0 0.0#



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: VN061422.D

Acq: 15 May 2020 22:09

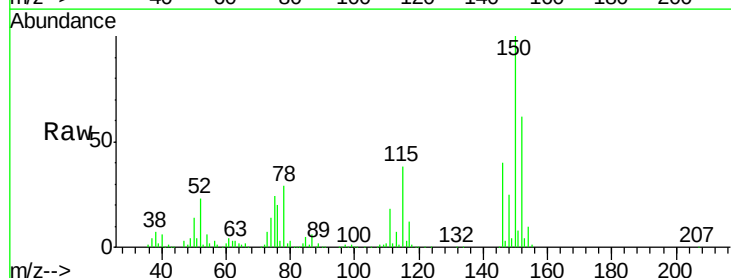
Tgt Ion:152 Resp: 164771

Ion Ratio Lower Upper

152 100

115 62.9 30.9 92.7

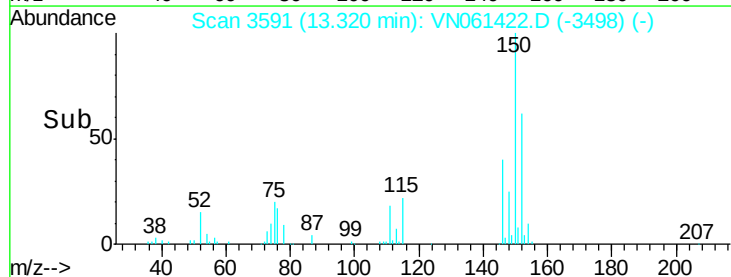
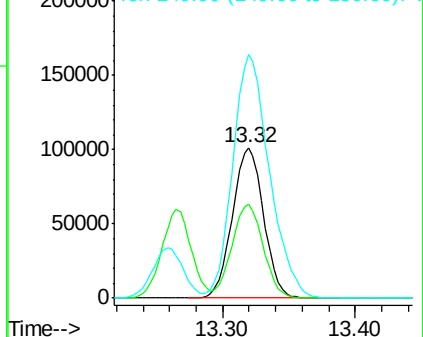
150 190.9 0.0 344.4

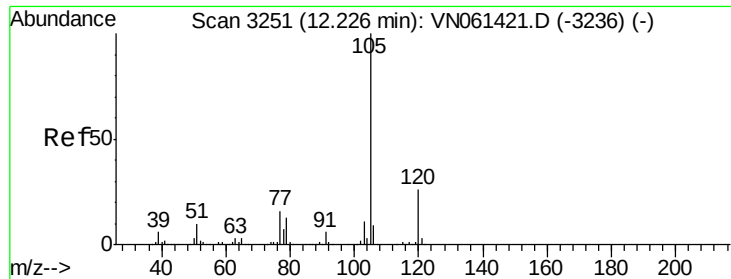


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 110.632 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

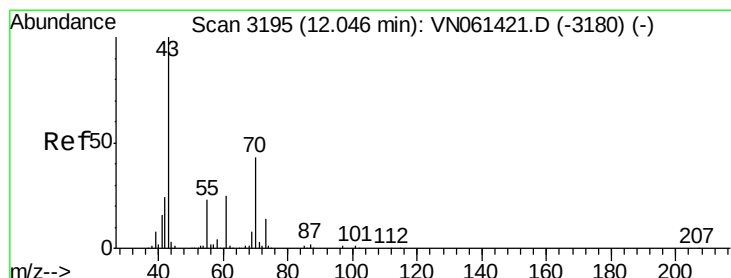
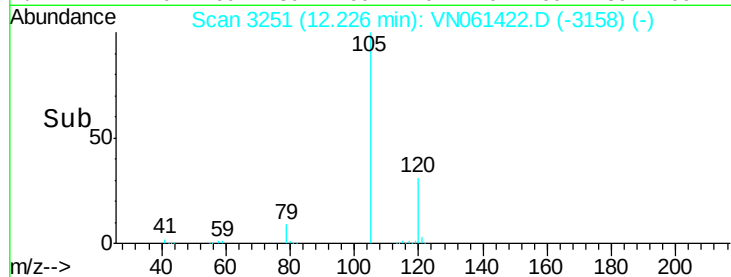
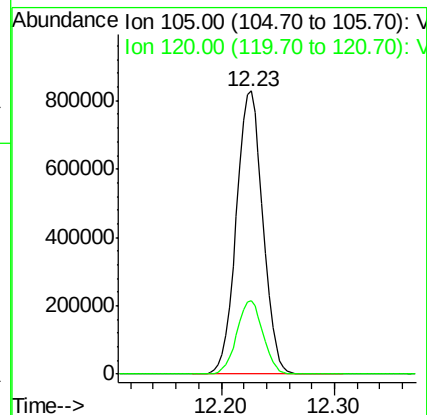
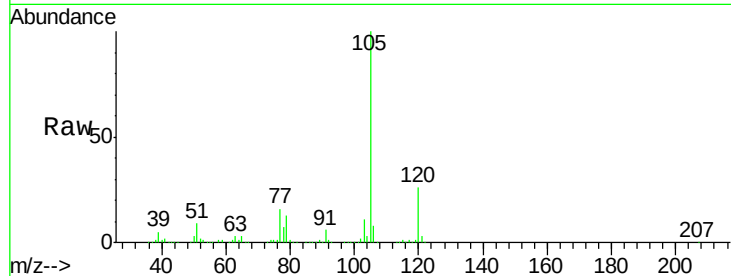
VSTDIC100

Tot Ion:105 Resp: 1348130

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 89.544 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Tgt Ion: 43 Resp: 531306

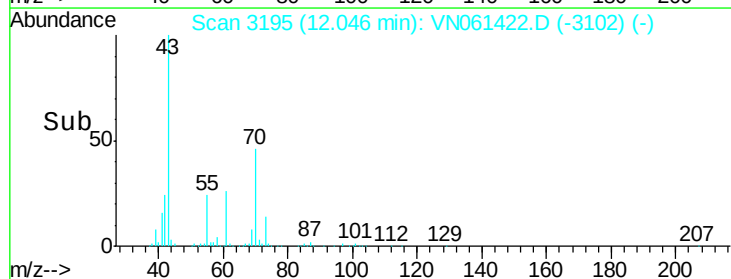
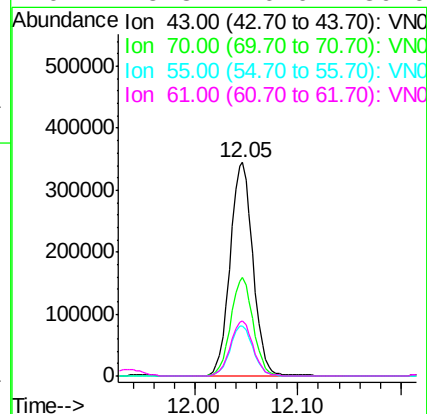
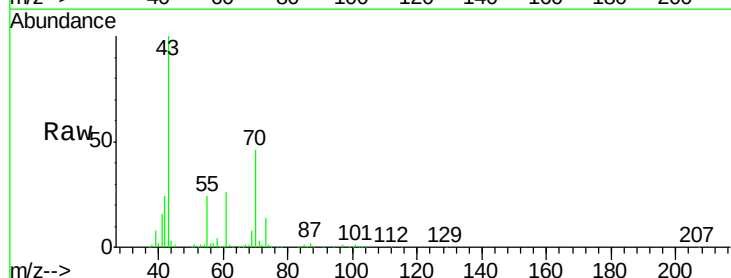
Ion Ratio Lower Upper

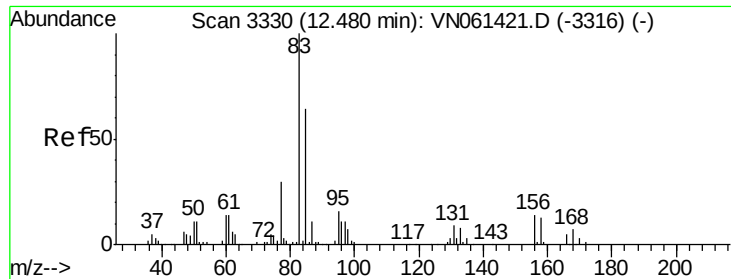
43 100

70 45.6 34.8 52.2

55 23.7 19.0 28.6

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.483 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

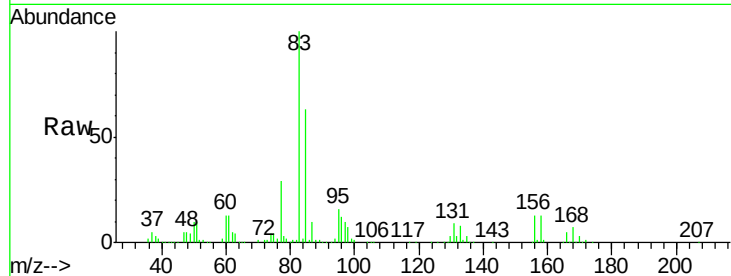
Tot Ion: 83 Resp: 359372

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

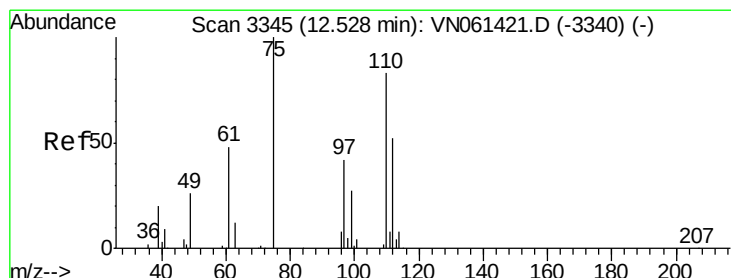
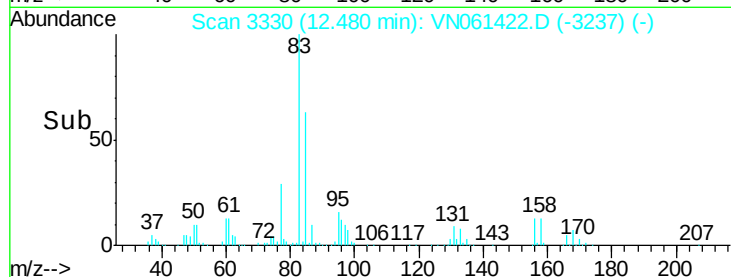
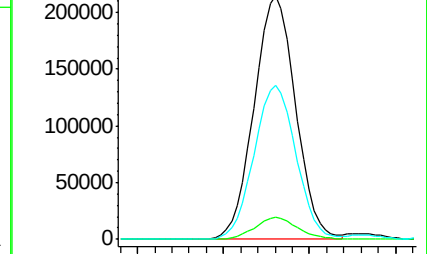
85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061422.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061422.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061422.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 97.164 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061422.D

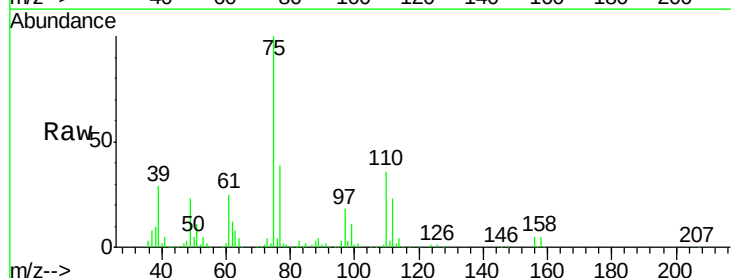
Acq: 15 May 2020 22:09

Tgt Ion: 75 Resp: 333237

Ion Ratio Lower Upper

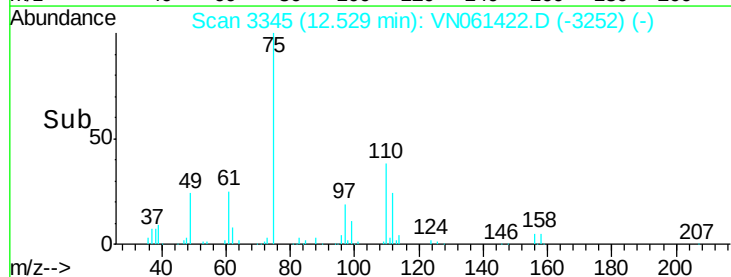
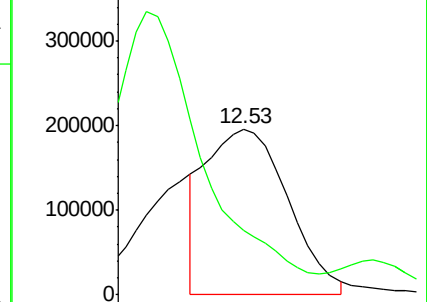
75 100

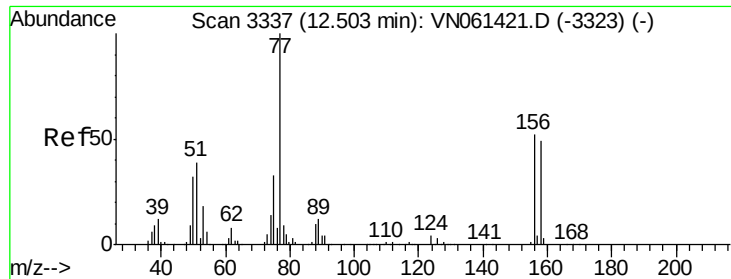
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061422.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061422.D (-3252) (-)





#77

Bromobenzene

Concen: 103.416 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

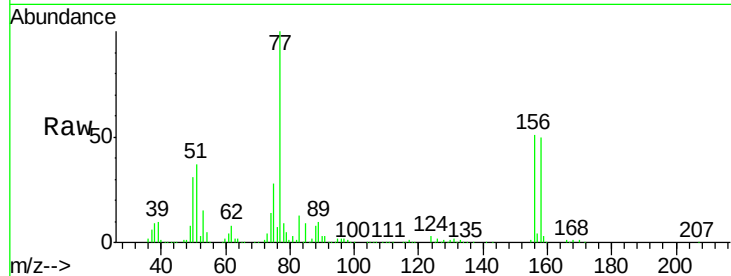
Tot Ion:156 Resp: 287833

Ion Ratio Lower Upper

156 100

77 231.4 115.8 347.3

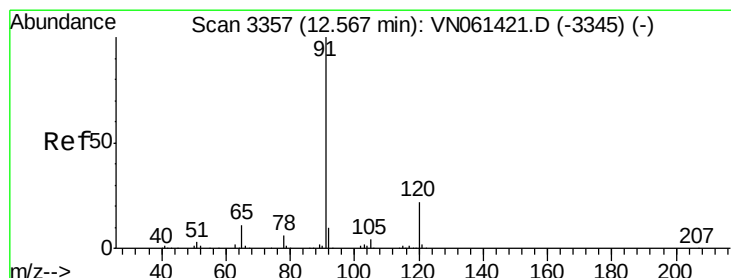
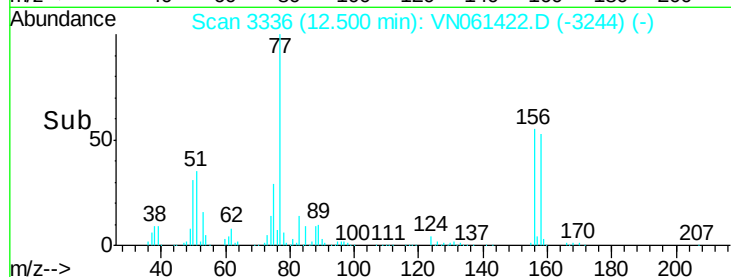
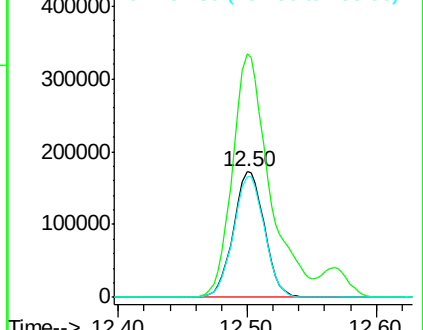
158 96.9 47.4 142.3



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: 109.020 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061422.D

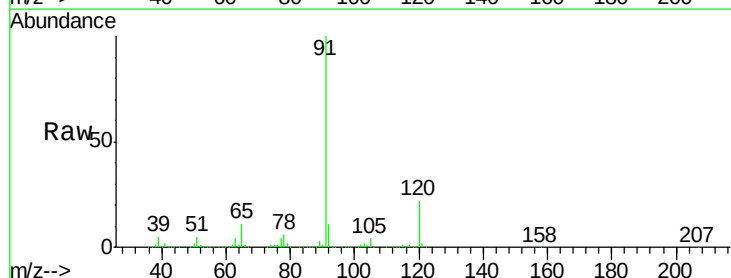
Acq: 15 May 2020 22:09

Tgt Ion: 91 Resp: 1570534

Ion Ratio Lower Upper

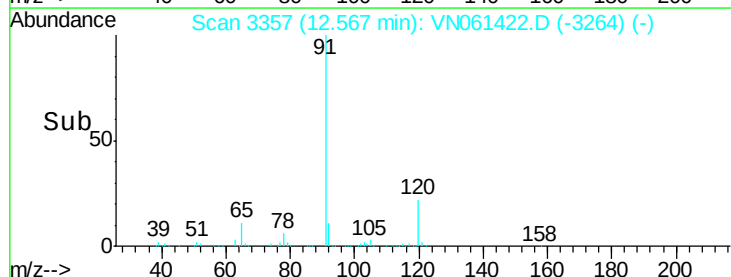
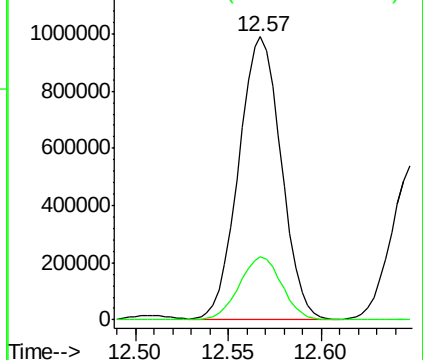
91 100

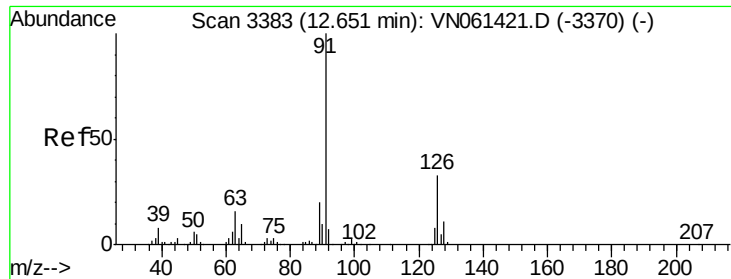
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

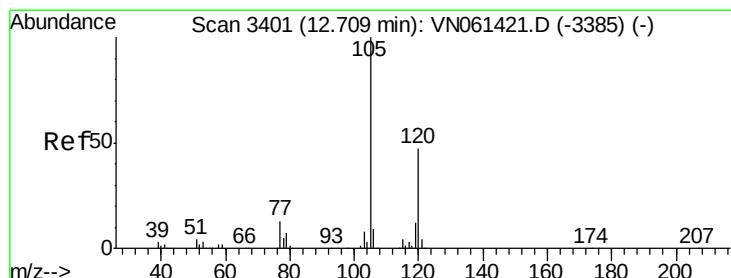
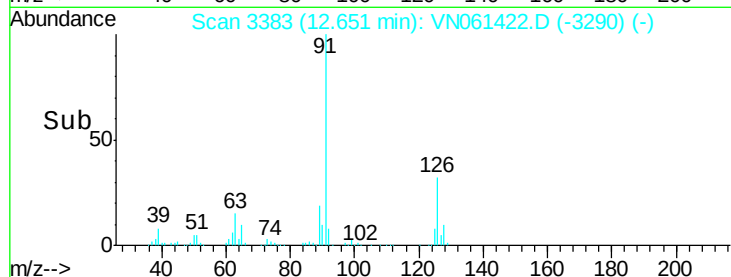
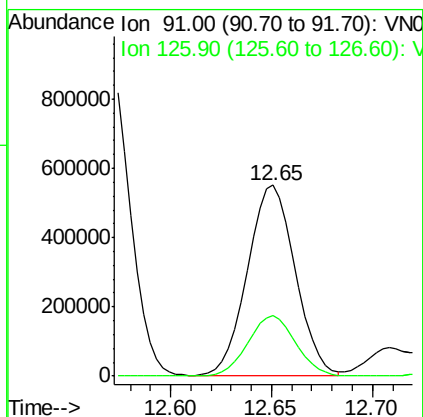
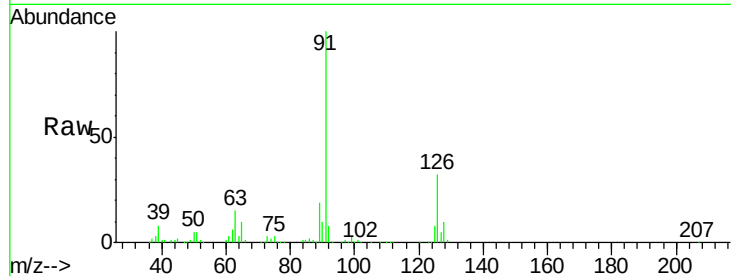




#79
 2-Chlorotoluene
 Concen: 107.230 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

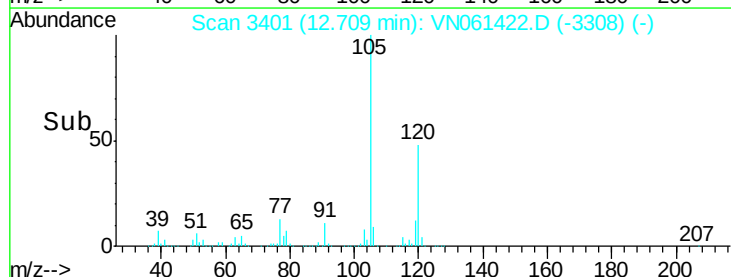
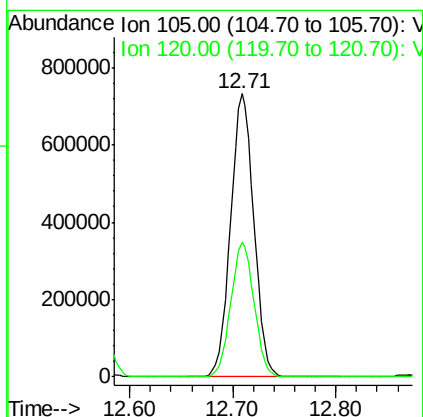
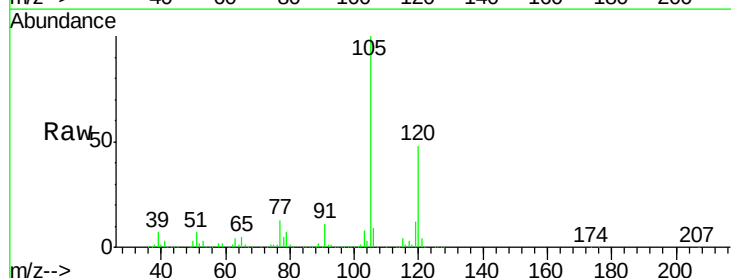
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

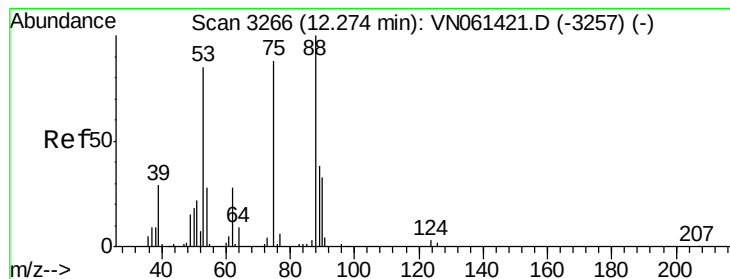
Tot Ion: 91 Resp: 908776
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 113.446 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion: 105 Resp: 1147514
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 102.001 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

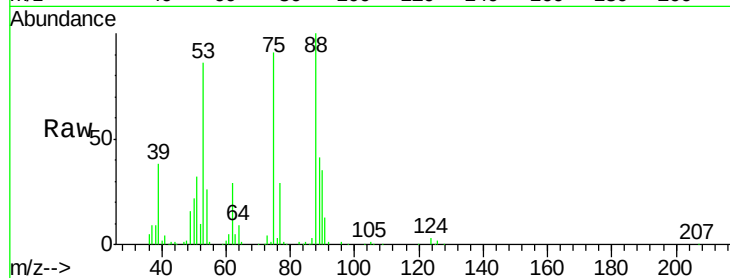
Tot Ion: 75 Resp: 137109

Ion Ratio Lower Upper

75 100

53 96.0 78.1 117.1

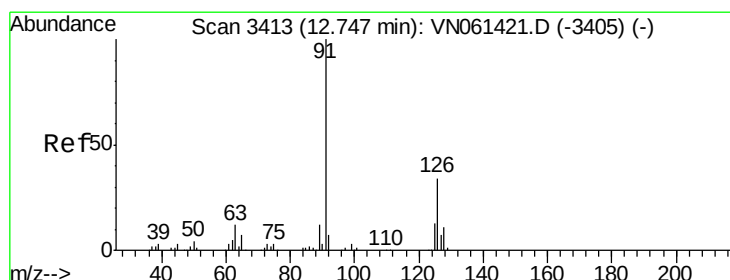
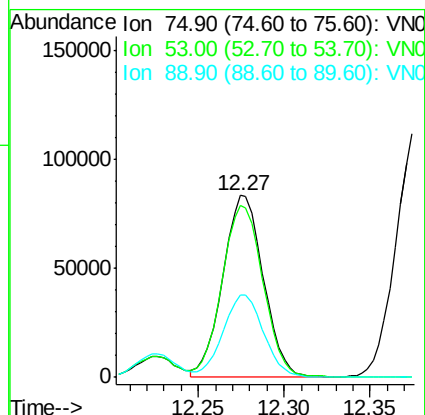
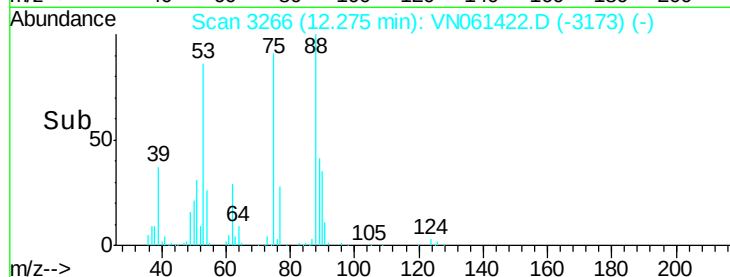
89 44.9 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 111.101 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061422.D

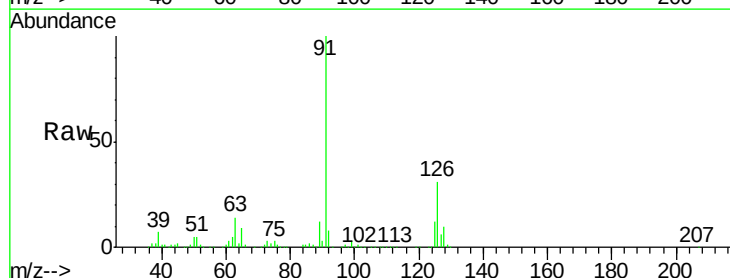
Acq: 15 May 2020 22:09

Tgt Ion: 91 Resp: 991897

Ion Ratio Lower Upper

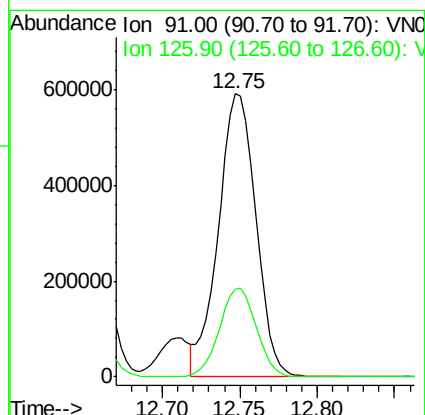
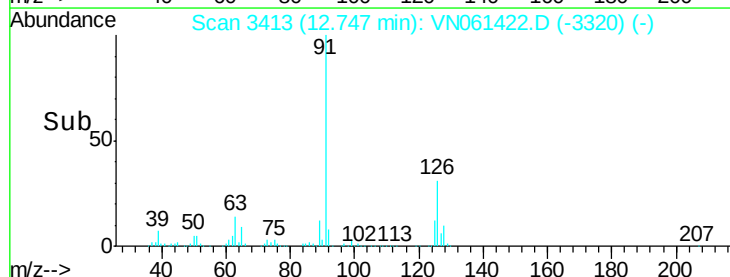
91 100

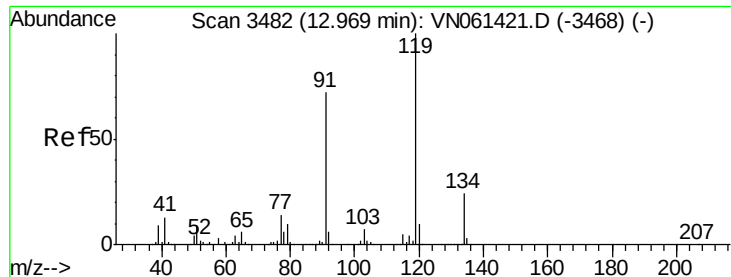
126 30.9 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): VN0

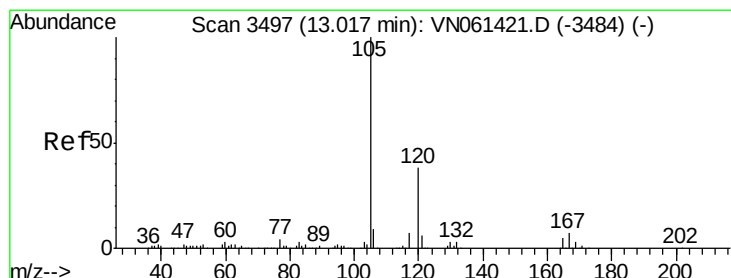
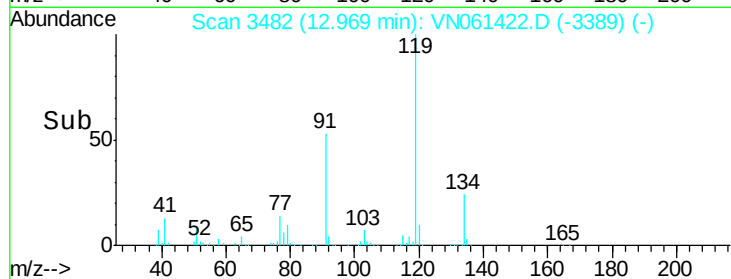
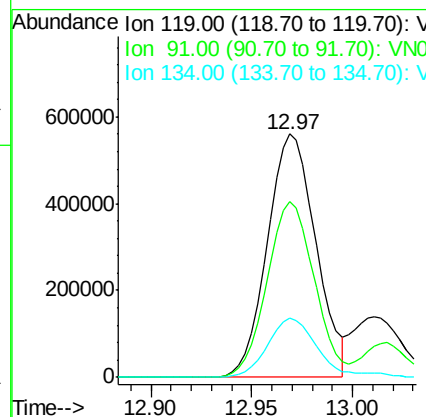
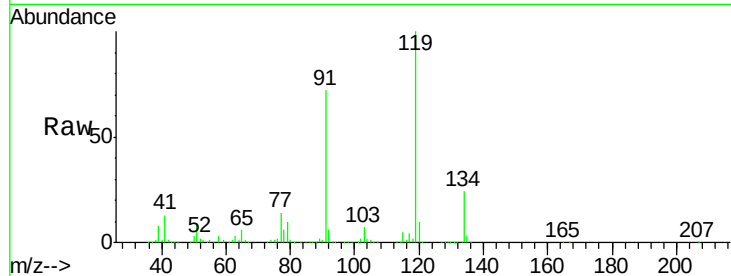




#83
 tert-Butylbenzene
 Concen: 110.305 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

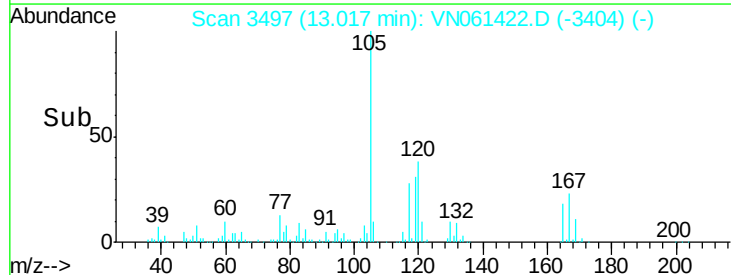
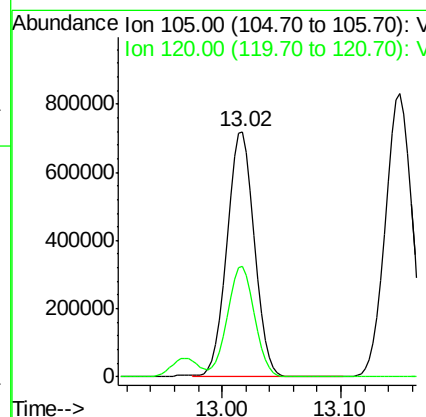
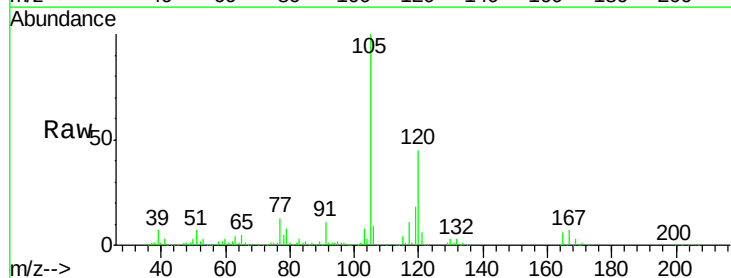
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

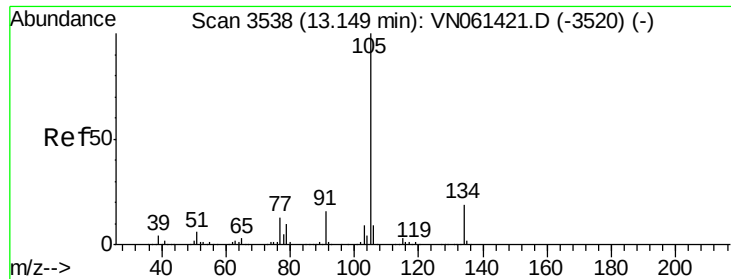
Tot Ion:119 Resp: 935407
 Ion Ratio Lower Upper
 119 100
 91 70.6 35.6 106.9
 134 25.3 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 110.126 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion:105 Resp: 1144148
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 112.971 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

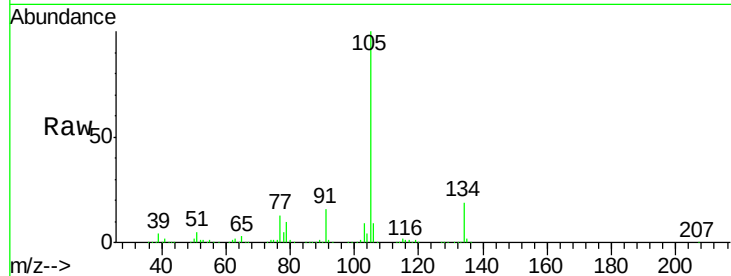
VSTDIC100

Tot Ion:105 Resp: 1309544

Ion Ratio Lower Upper

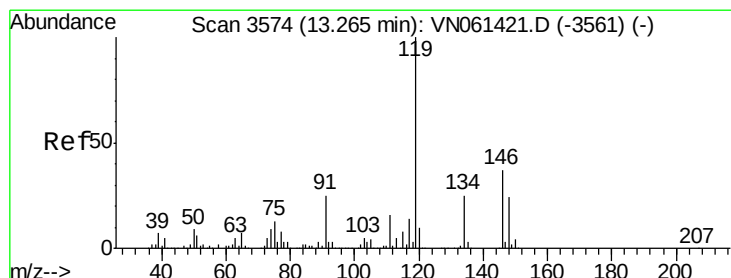
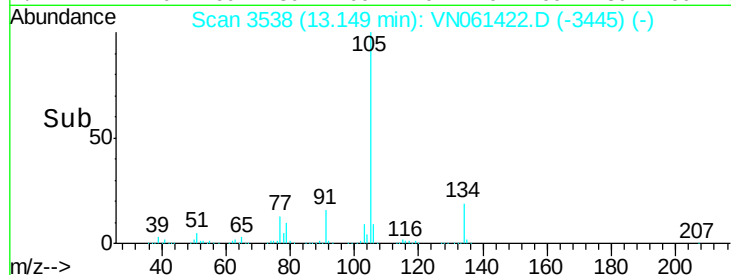
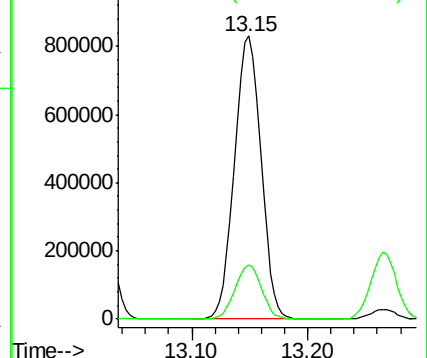
105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 112.836 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

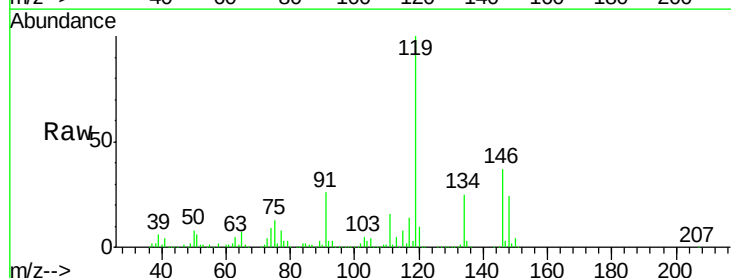
Tgt Ion:119 Resp: 1178081

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

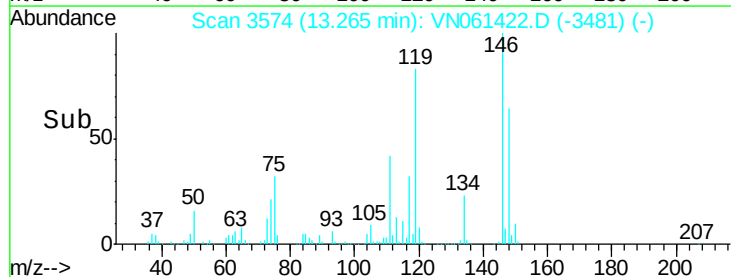
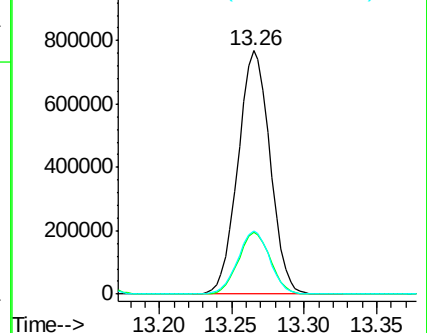
91 25.8 13.0 38.9

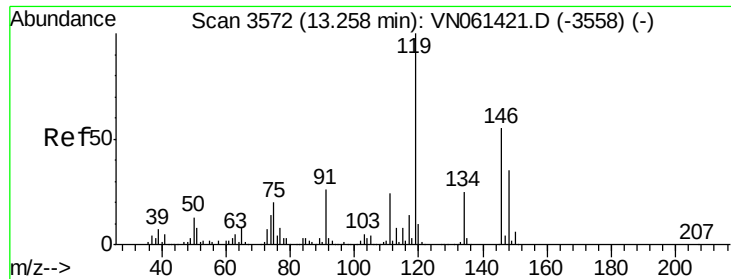


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

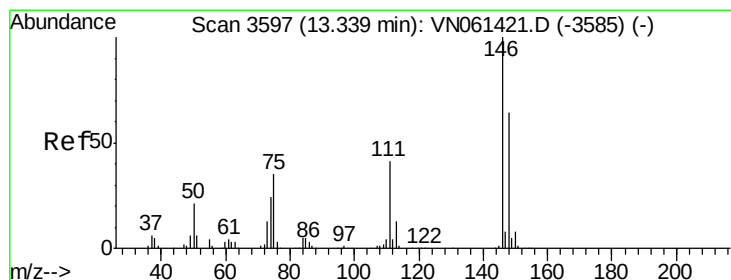
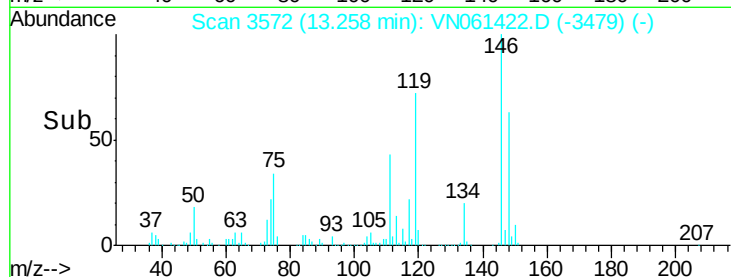
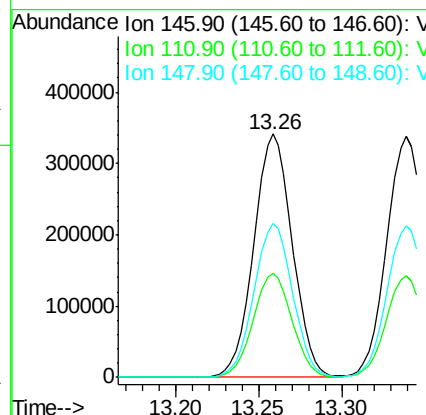
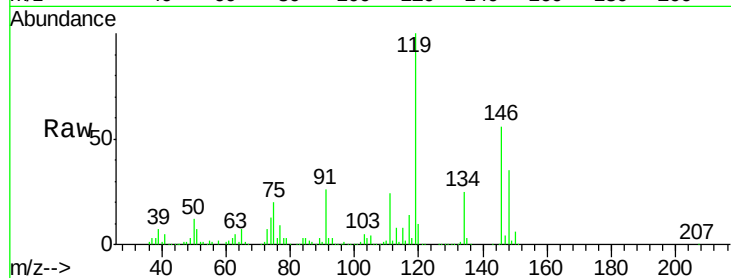




#87
 1,3-Dichlorobenzene
 Concen: 107.238 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

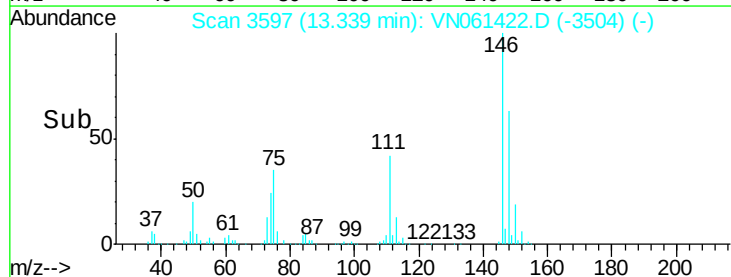
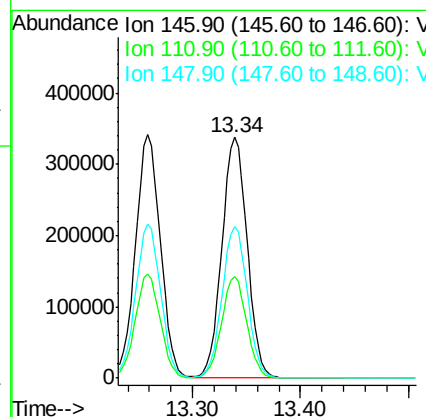
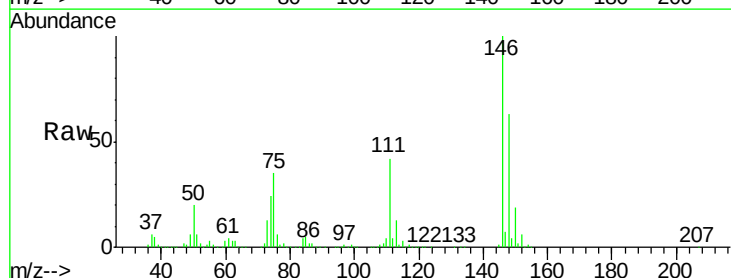
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

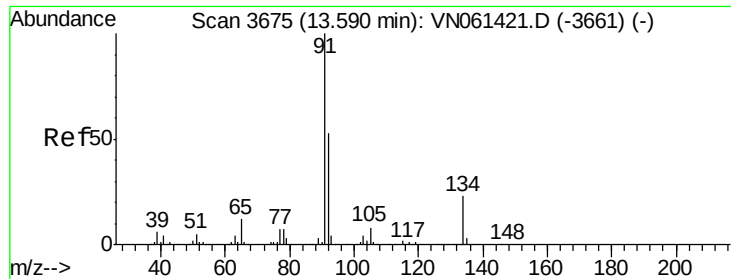
Tot Ion:146 Resp: 550671
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 63.5 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 104.707 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion:146 Resp: 550382
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.0 32.3 96.8





#89

n-Butylbenzene

Concen: 111.815 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

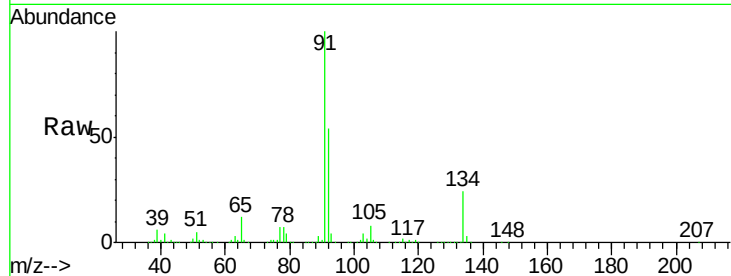
Tot Ion: 91 Resp: 1068542

Ion Ratio Lower Upper

91 100

92 53.7 26.8 80.3

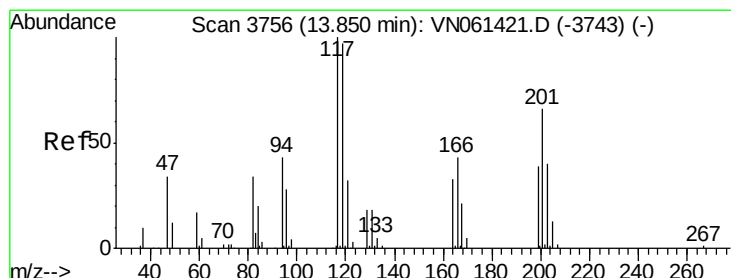
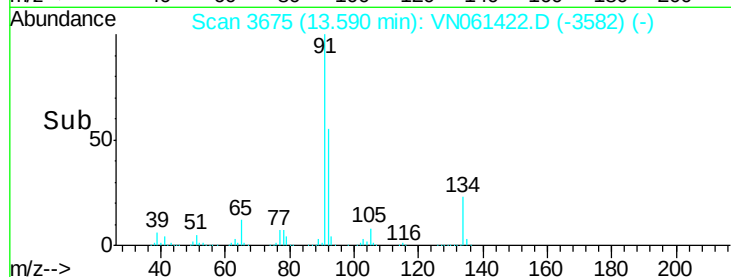
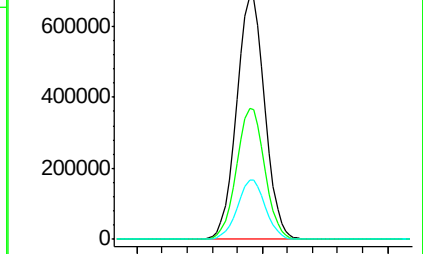
134 24.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061422.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061422.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061422.D (-3661) (-)



#90

Hexachloroethane

Concen: 155.427 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061422.D

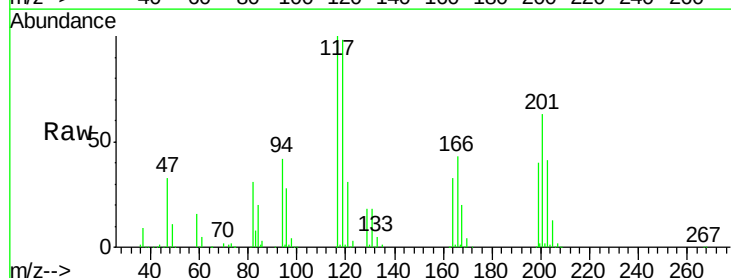
Acq: 15 May 2020 22:09

Tgt Ion: 117 Resp: 159752

Ion Ratio Lower Upper

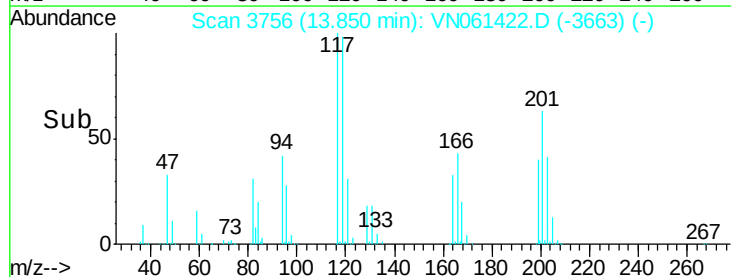
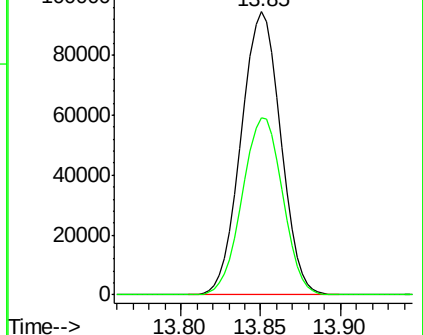
117 100

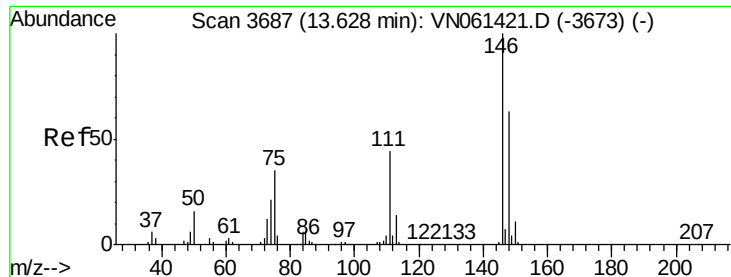
201 63.9 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VN061422.D (-3743) (-)

Ion 200.70 (200.40 to 201.40): VN061422.D (-3743) (-)

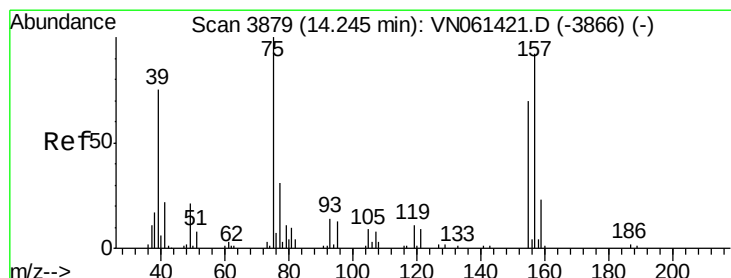
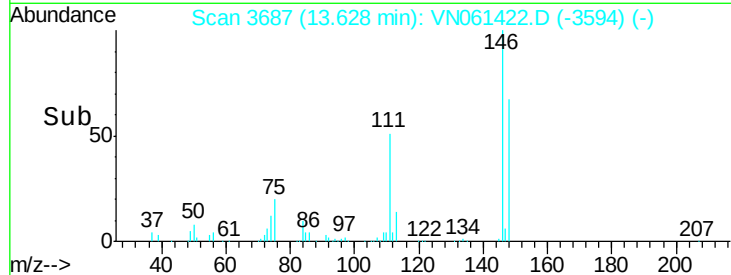
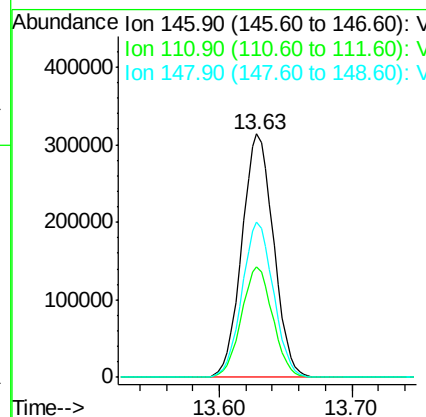
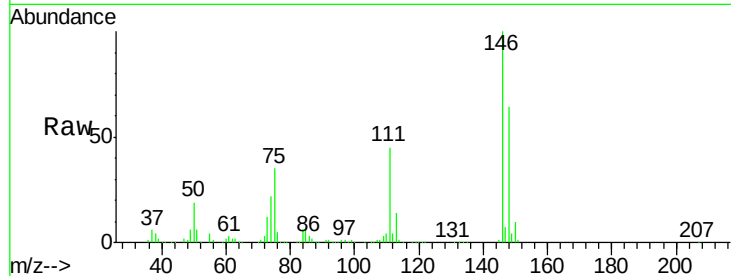




#91
 1,2-Dichlorobenzene
 Concen: 105.569 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

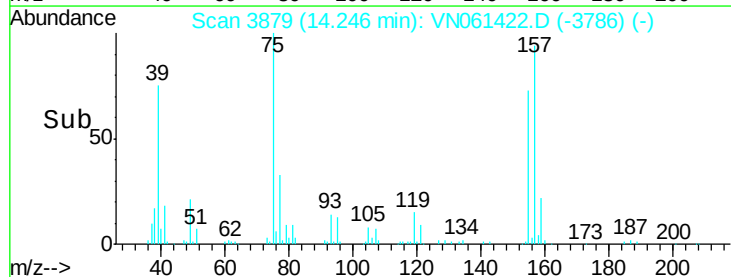
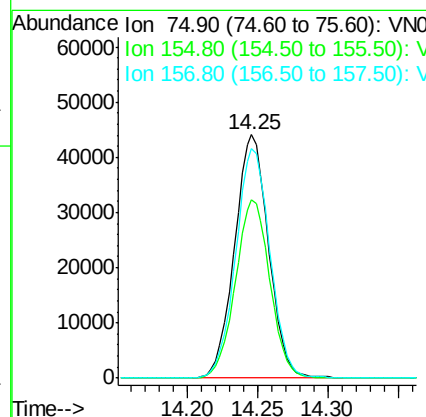
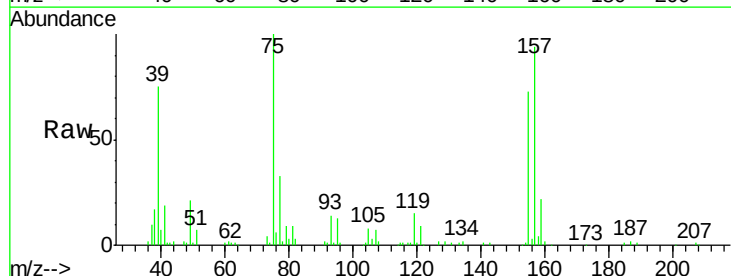
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

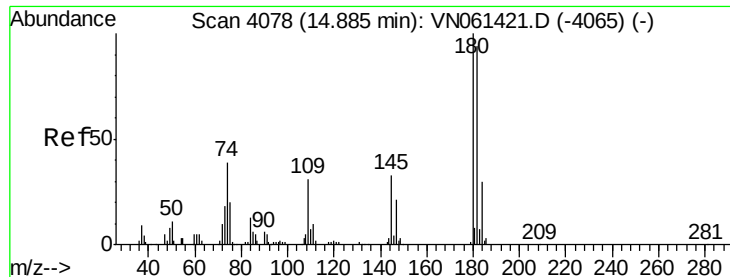
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.3	66.8
148	63.3	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.693 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.8	35.2	105.6
157	95.1	45.8	137.3

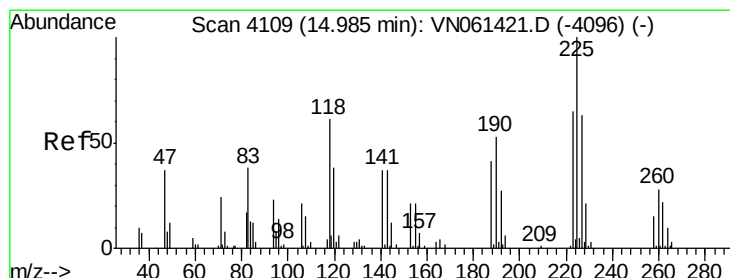
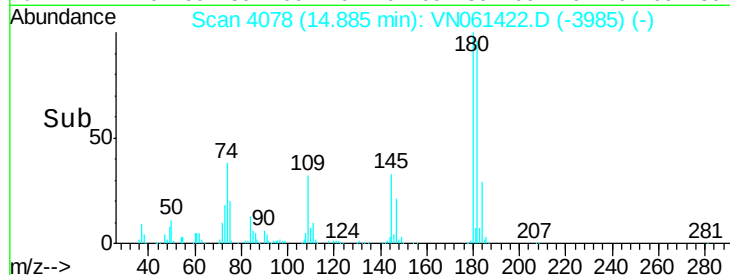
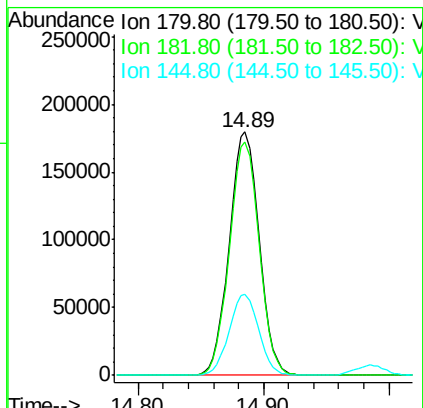
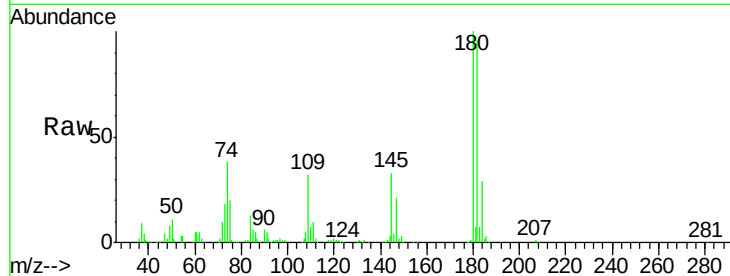




#93
 1,2,4-Trichlorobenzene
 Concen: 100.741 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

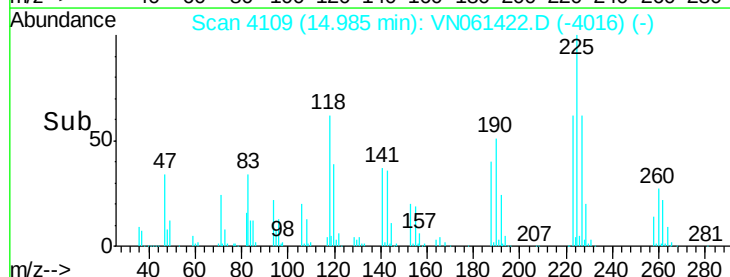
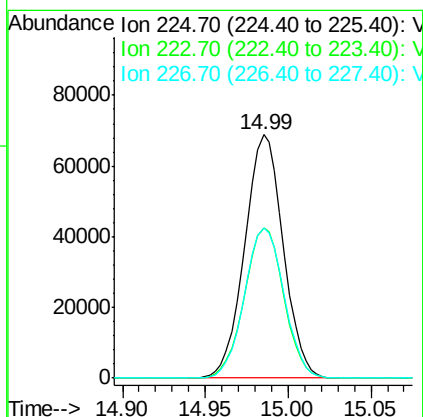
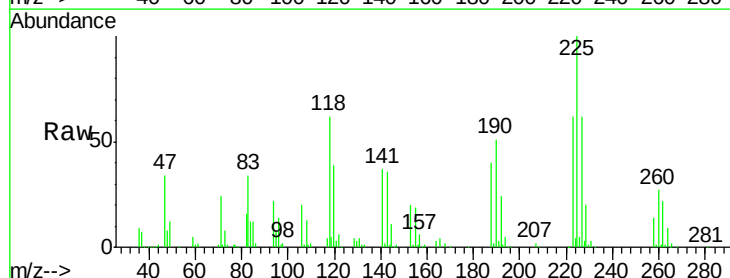
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

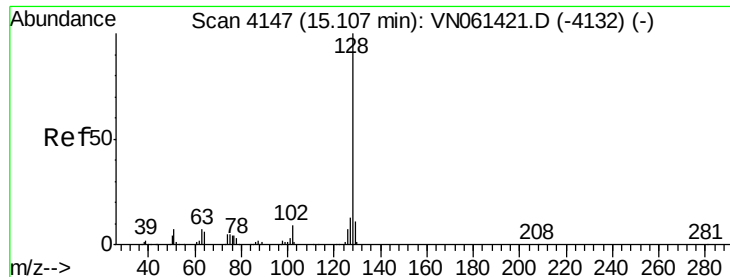
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	32.9	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 91.002 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061422.D
 Acq: 15 May 2020 22:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.1	96.3
227	63.4	31.4	94.2





#95

Naphthalene

Concen: 102.118 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

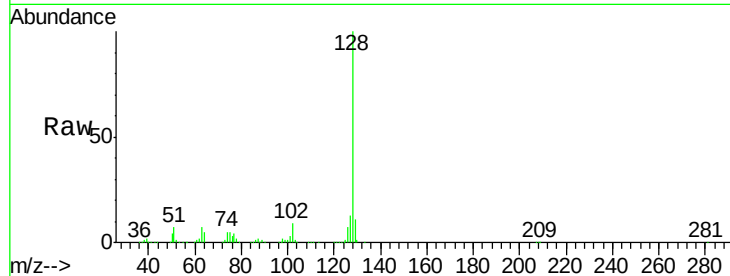
Tot Ion:128 Resp: 979484

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.6 13.0

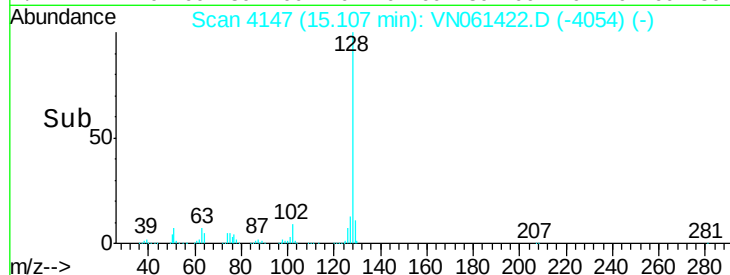


Abundance Ion 128.00 (127.70 to 128.70): V

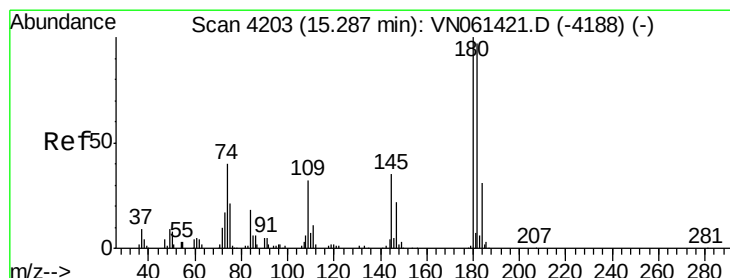
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.11



Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 98.004 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061422.D

Acq: 15 May 2020 22:09

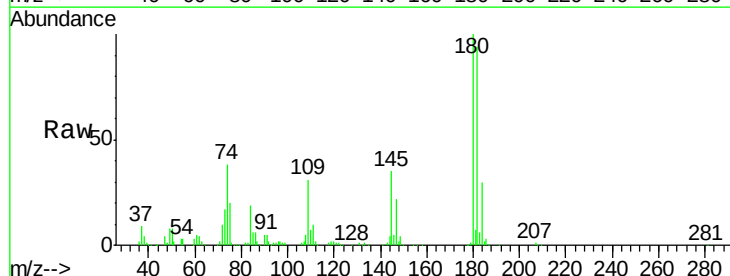
Tgt Ion:180 Resp: 285315

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 35.1 17.6 52.9

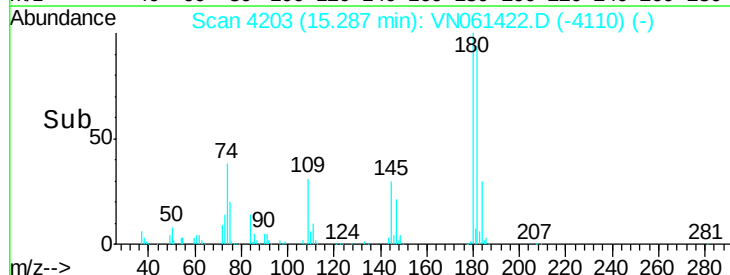


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.29



Time--> 15.20 15.30