

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062757.D
 Acq On : 5 Aug 2020 12:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 05 12:59:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	158171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	263864	106.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.12%	
35) Dibromofluoromethane	7.55	113	175504	105.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.96%	
50) Toluene-d8	10.06	98	698872	105.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.88%	
62) 4-Bromofluorobenzene	12.38	95	275448	113.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	226.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	233445	117.367	ug/l	99
3) Chloromethane	2.04	50	211349	84.371	ug/l	99
4) Vinyl Chloride	2.16	62	199818	90.887	ug/l	98
5) Bromomethane	2.49	94	126538	121.172	ug/l	96
6) Chloroethane	2.64	64	122892	116.545	ug/l	96
7) Trichlorofluoromethane	2.96	101	349896	127.174	ug/l	98
8) Diethyl Ether	3.37	74	99215	83.855	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	145434	88.515	ug/l	98
10) Methyl Iodide	3.90	142	188250	91.015	ug/l	99
11) Tert butyl alcohol	4.75	59	217445	540.523	ug/l	100
12) 1,1-Dichloroethene	3.69	96	135556	82.326	ug/l	94
13) Acrolein	3.56	56	127948	367.347	ug/l	98
14) Allyl chloride	4.27	41	265938	76.330	ug/l	97
15) Acrylonitrile	4.93	53	518421	499.252	ug/l	100
16) Acetone	3.78	43	447100	483.076	ug/l	100
17) Carbon Disulfide	4.00	76	378961	71.152	ug/l	98
18) Methyl Acetate	4.28	43	221989	94.666	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	629669	101.048	ug/l	98
20) Methylene Chloride	4.50	84	174175	80.652	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	149627	82.016	ug/l	98
22) Diisopropyl ether	5.90	45	597137	84.551	ug/l	99
23) Vinyl Acetate	5.84	43	2189652	387.444	ug/l	98
24) 1,1-Dichloroethane	5.80	63	323766	84.590	ug/l	99
25) 2-Butanone	6.79	43	686897	491.519	ug/l	99
26) 2,2-Dichloropropane	6.77	77	293688	91.672	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	182943	87.368	ug/l	97
28) Bromochloromethane	7.15	49	171356	91.737	ug/l	100
29) Tetrahydrofuran	7.17	42	447093	474.941	ug/l	99
30) Chloroform	7.33	83	345624	93.236	ug/l	97
31) Cyclohexane	7.61	56	307196	86.685	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	311795	99.286	ug/l	98
36) 1,1-Dichloropropene	7.75	75	237530	89.988	ug/l	98
37) Ethyl Acetate	6.88	43	250631	88.828	ug/l	97
38) Carbon Tetrachloride	7.73	117	274538	105.691	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	308839	106.906	ug/l	99
40) Benzene	8.00	78	702194	88.474	ug/l	99
41) Methacrylonitrile	7.13	41	117606	93.898	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	302639	101.597	ug/l	99
43) Isopropyl Acetate	8.13	43	430903	94.603	ug/l #	90
44) Trichloroethene	8.80	130	168734	93.319	ug/l	96
45) 1,2-Dichloropropane	9.08	63	193640	86.941	ug/l	97
46) Dibromomethane	9.17	93	129467	98.902	ug/l	100
47) Bromodichloromethane	9.37	83	291771	101.682	ug/l	99
48) Methyl methacrylate	9.17	41	216627	99.141	ug/l	99
49) 1,4-Dioxane	9.17	88	84356	2412.633	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1457732	525.486	ug/l	100
52) Toluene	10.13	92	451343	96.899	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	333769	105.233	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	330293	98.442	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	185717	101.727	ug/l	98
56) Ethyl methacrylate	10.40	69	320127	109.925	ug/l	99
57) 1,3-Dichloropropane	10.68	76	326923	98.260	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	449135	547.098	ug/l	100
59) 2-Hexanone	10.72	43	1126169	567.856	ug/l	100
60) Dibromochloromethane	10.88	129	225989	109.953	ug/l	99
61) 1,2-Dibromoethane	10.98	107	193954	102.342	ug/l	99
64) Tetrachloroethene	10.60	164	145853	93.225	ug/l	99
65) Chlorobenzene	11.41	112	498371	98.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	201492	104.609	ug/l	98
67) Ethyl Benzene	11.49	91	936036	101.314	ug/l	99
68) m/p-Xylenes	11.60	106	682289	204.946	ug/l	98
69) o-Xylene	11.92	106	328470	103.709	ug/l	100
70) Styrene	11.94	104	599904	111.685	ug/l	98
71) Bromoform	12.10	173	170283	116.355	ug/l #	100
73) Isopropylbenzene	12.23	105	929723	92.523	ug/l	100
74) N-amyl acetate	12.05	43	418029	95.274	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	301824	86.737	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	428077	131.163	ug/l #	100
77) Bromobenzene	12.50	156	219120	90.570	ug/l	99
78) n-propylbenzene	12.57	91	1112352	94.690	ug/l	100
79) 2-Chlorotoluene	12.65	91	673672	92.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	832320	99.401	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	113299	97.067	ug/l	98
82) 4-Chlorotoluene	12.75	91	711345	94.097	ug/l	100
83) tert-Butylbenzene	12.97	119	693781	99.618	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	836795	101.827	ug/l	99
85) sec-Butylbenzene	13.15	105	933701	100.185	ug/l	100
86) p-Isopropyltoluene	13.26	119	859149	106.560	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	409463	95.696	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	411102	97.974	ug/l	99
89) n-Butylbenzene	13.59	91	763707	110.675	ug/l	100
90) Hexachloroethane	13.85	117	163122	94.991	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	397925	97.848	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	75514	115.181	ug/l	98

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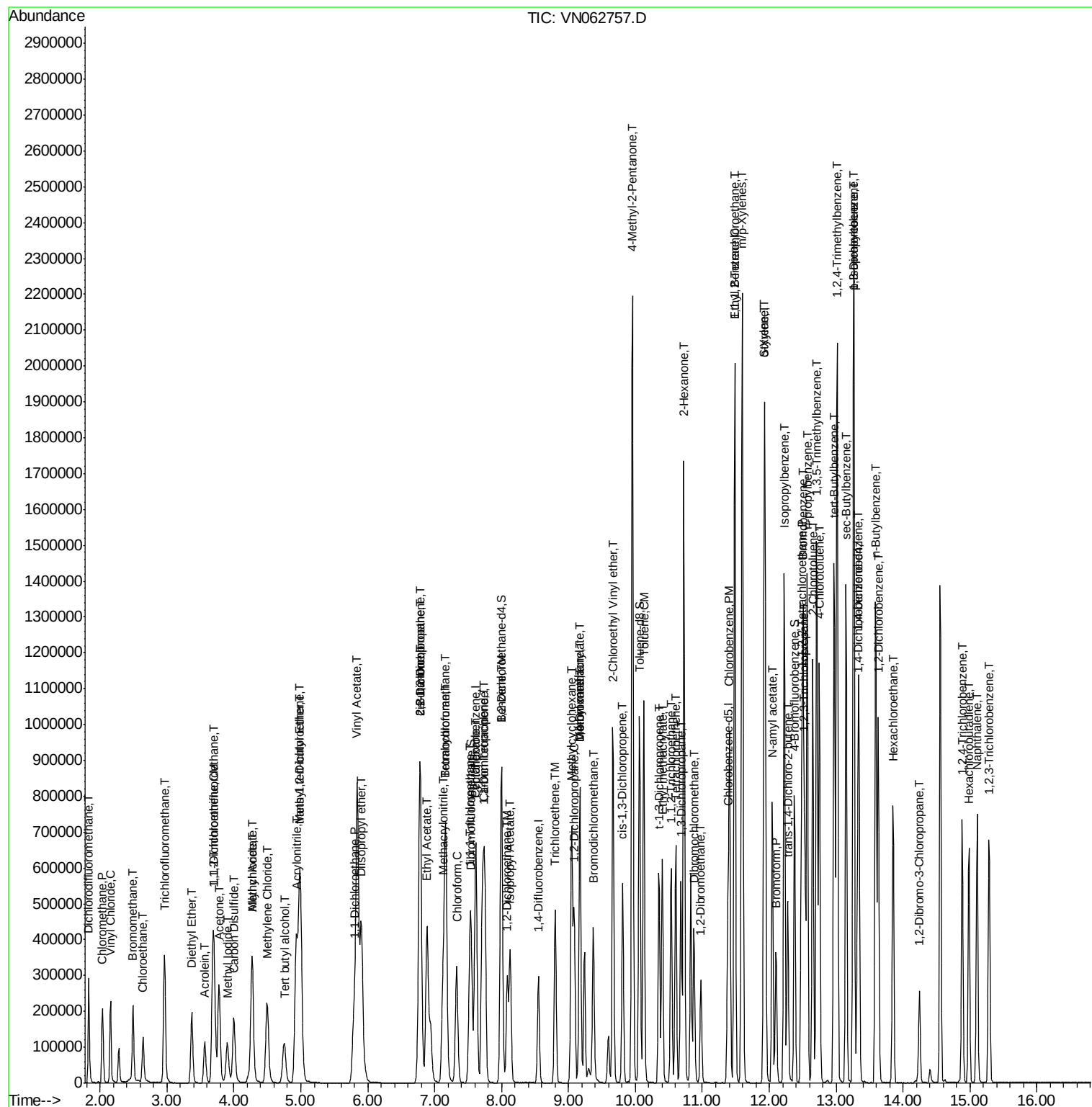
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	222762	118.159	ug/l	98
94) Hexachlorobutadiene	14.98	225	127295	102.496	ug/l	98
95) Naphthalene	15.11	128	620160	119.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	220772	114.889	ug/l	99

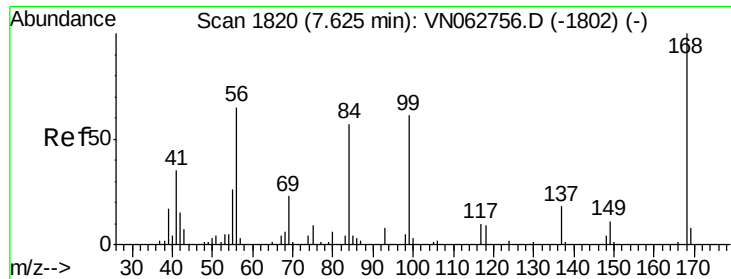
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
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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: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

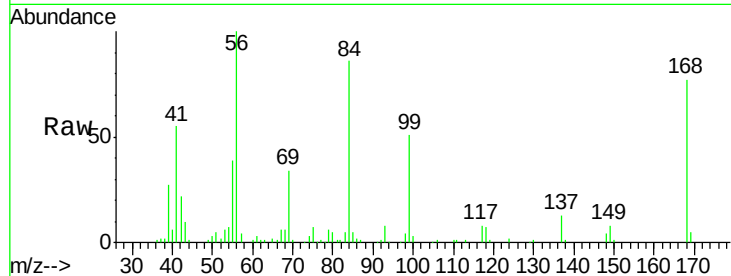
VSTDIC100

Tgt Ion:168 Resp: 158171

Ion Ratio Lower Upper

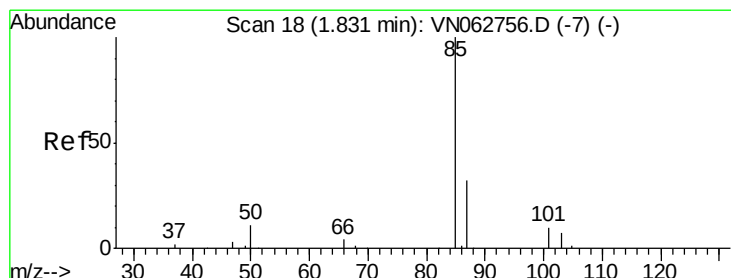
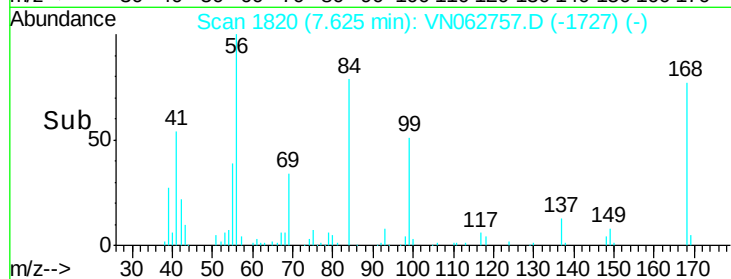
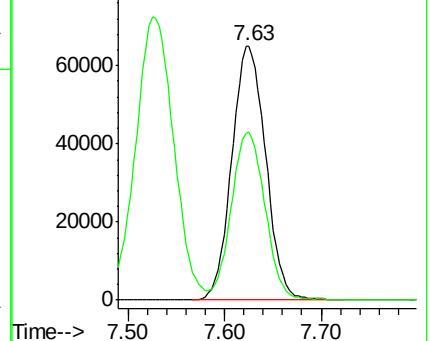
168 100

99 66.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 117.367 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062757.D

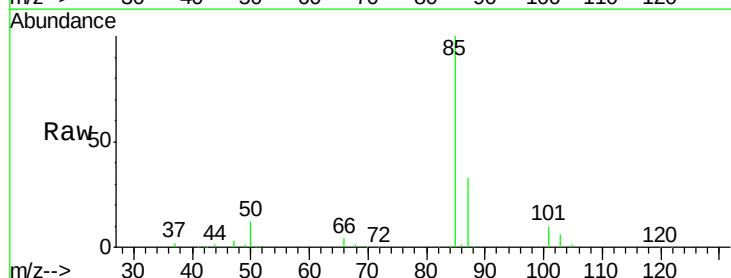
Acq: 5 Aug 2020 12:40

Tgt Ion: 85 Resp: 233445

Ion Ratio Lower Upper

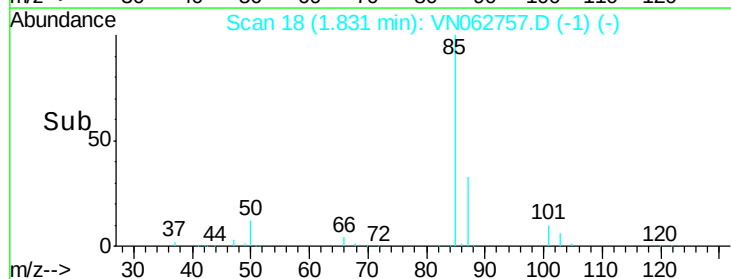
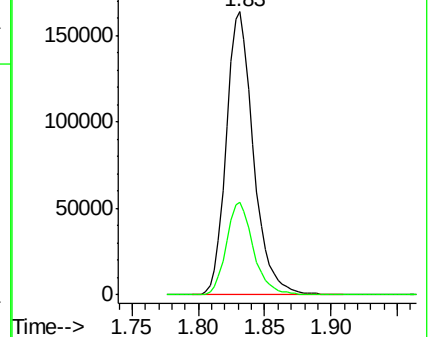
85 100

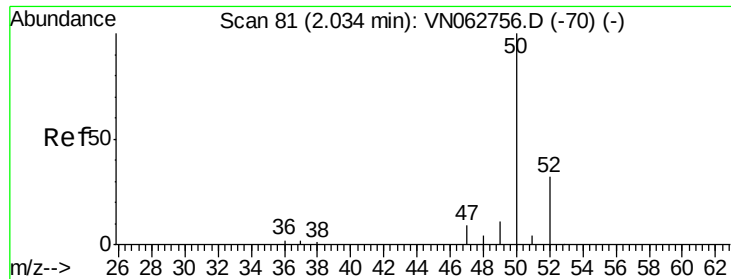
87 32.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 84.371 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

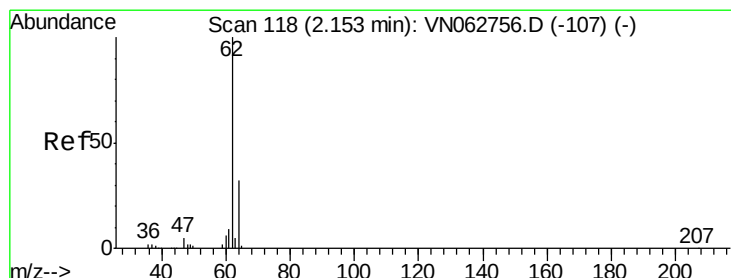
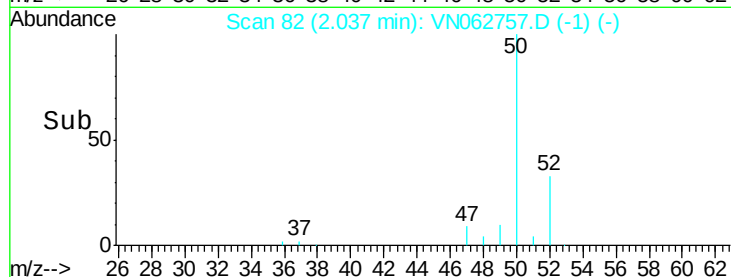
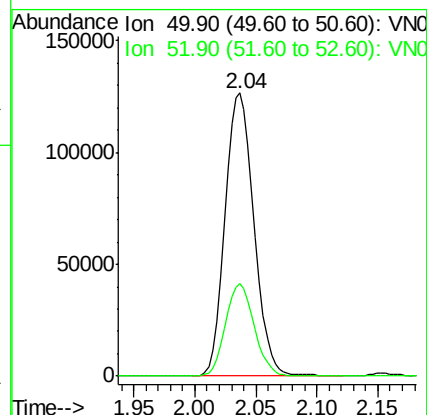
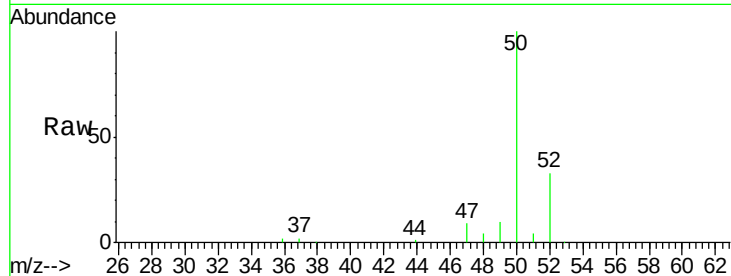
VSTDIC100

Tgt Ion: 50 Resp: 211349

Ion Ratio Lower Upper

50 100

52 32.7 25.6 38.4



#4

Vinyl Chloride

Concen: 90.887 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062757.D

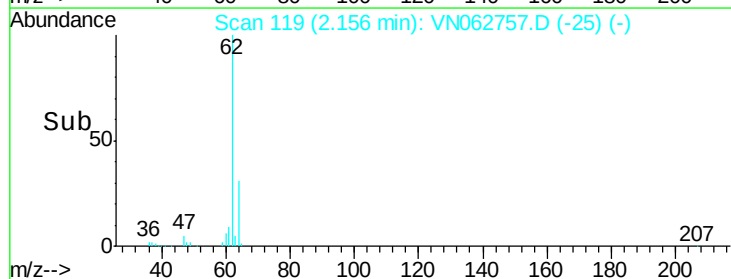
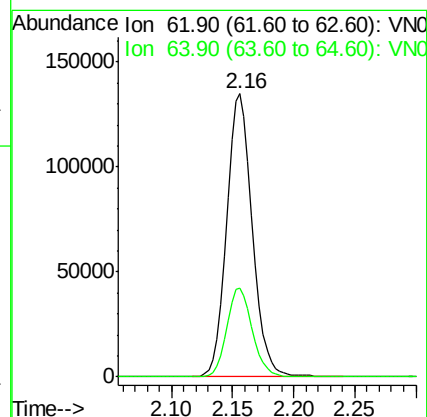
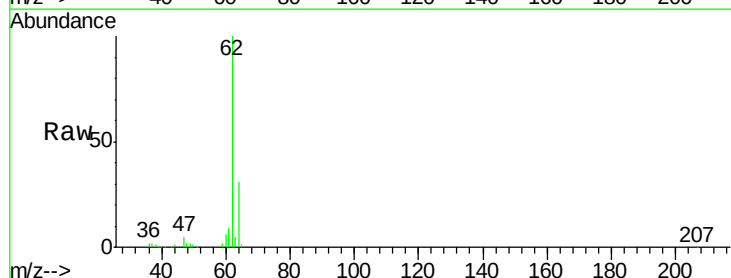
Acq: 5 Aug 2020 12:40

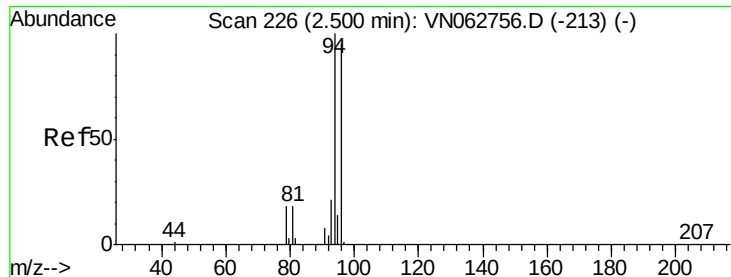
Tgt Ion: 62 Resp: 199818

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 121.172 ug/l

RT: 2.49 min Scan# 223

Delta R.T. -0.01 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

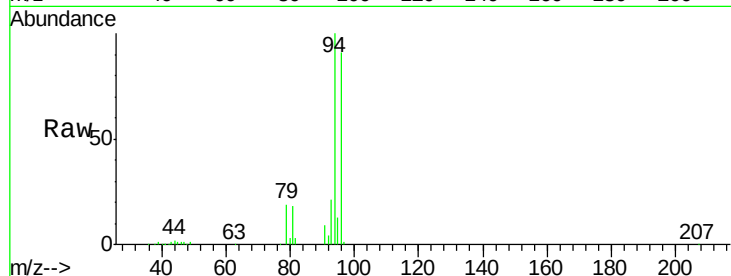
VSTDIC100

Tgt Ion: 94 Resp: 126538

Ion Ratio Lower Upper

94 100

96 91.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062757.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062757.D (-133) (-)

2.49

80000

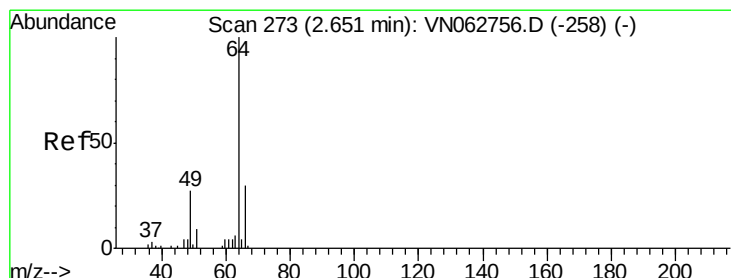
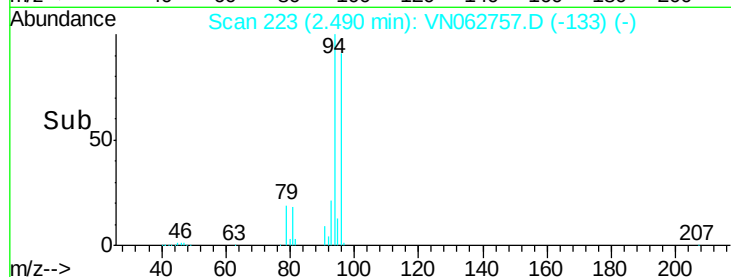
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 116.545 ug/l

RT: 2.64 min Scan# 270

Delta R.T. -0.01 min

Lab File: VN062757.D

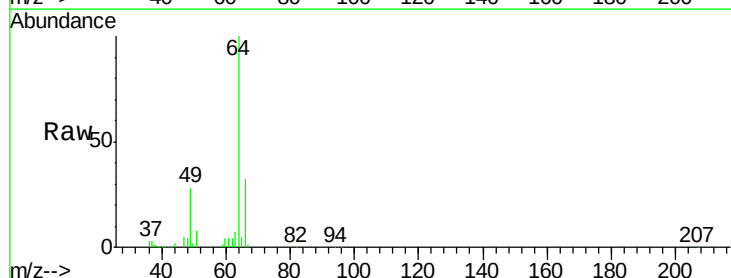
Acq: 5 Aug 2020 12:40

Tgt Ion: 64 Resp: 122892

Ion Ratio Lower Upper

64 100

66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062757.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062757.D (-180) (-)

2.64

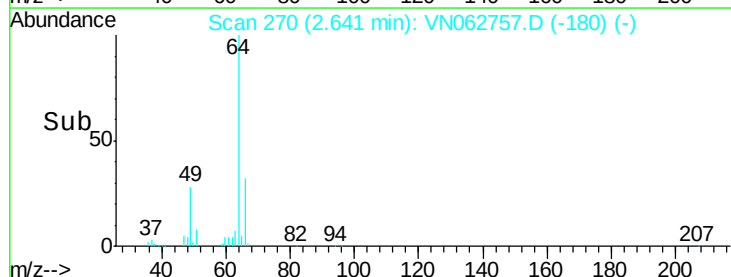
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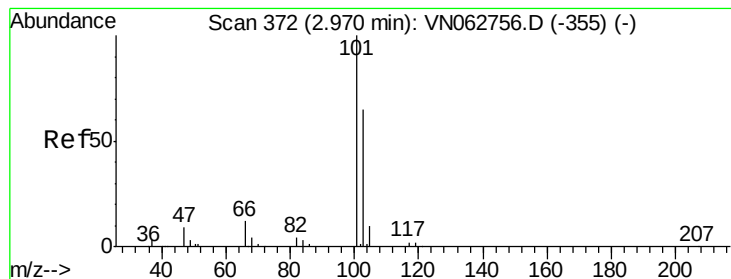
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Time-->



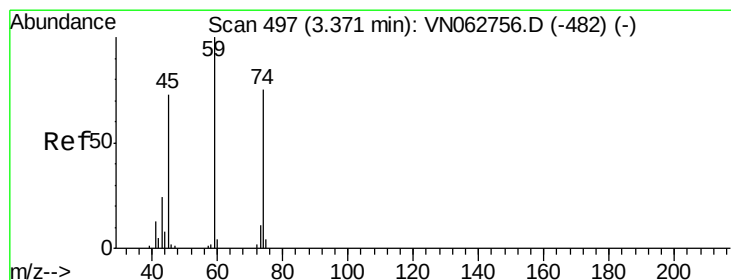
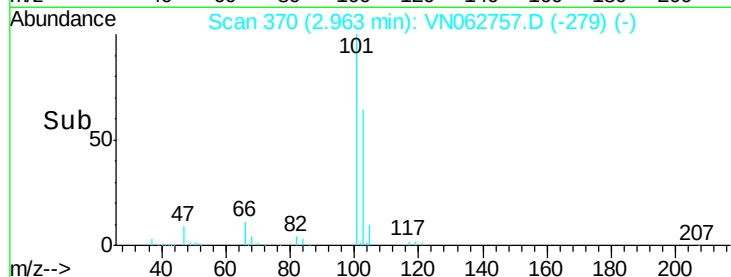
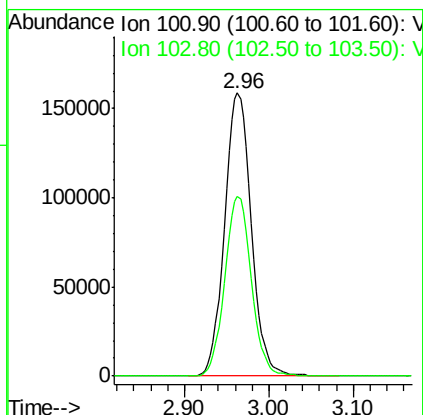
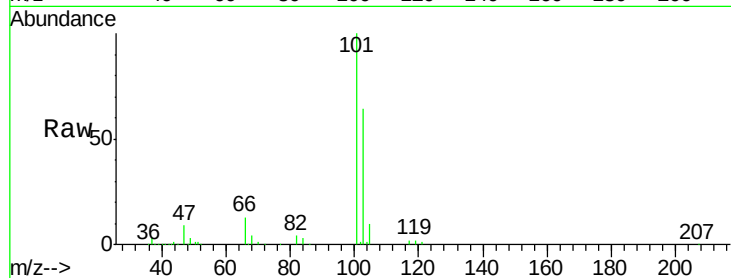


#7

Trichlorofluoromethane
 Concen: 127.174 ug/l
 RT: 2.96 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Instrument :
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 VSTDIC100

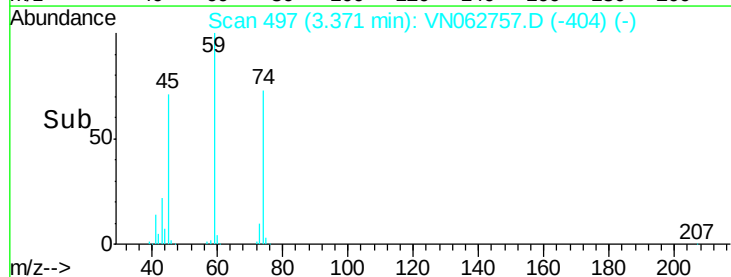
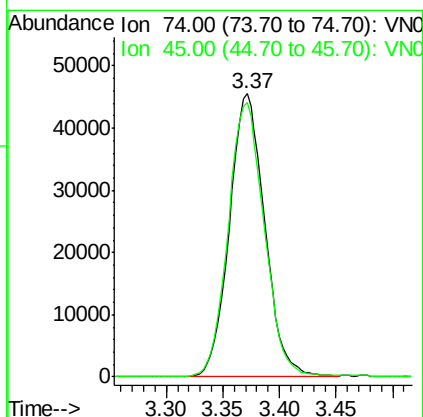
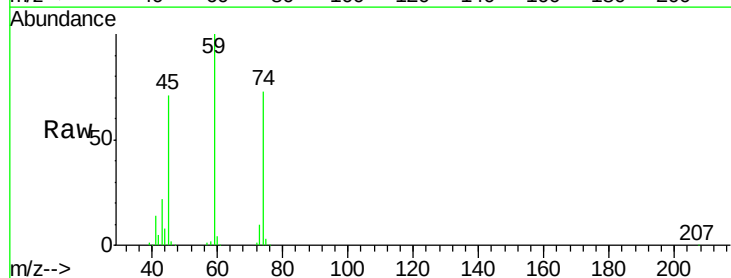
Tgt Ion:101 Resp: 349896
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

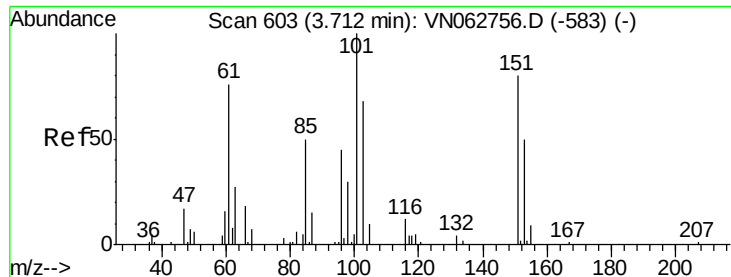


#8

Diethyl Ether
 Concen: 83.855 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 74 Resp: 99215
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 88.515 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

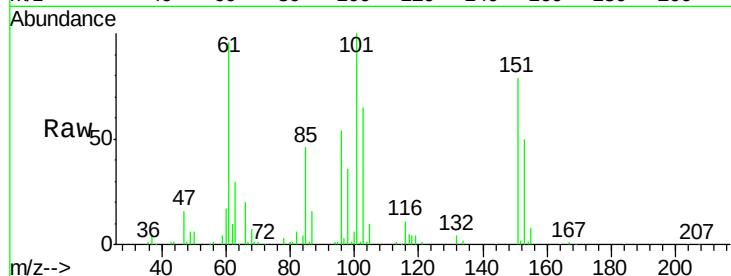
Tgt Ion:101 Resp: 145434

Ion Ratio Lower Upper

101 100

85 46.7 38.5 57.7

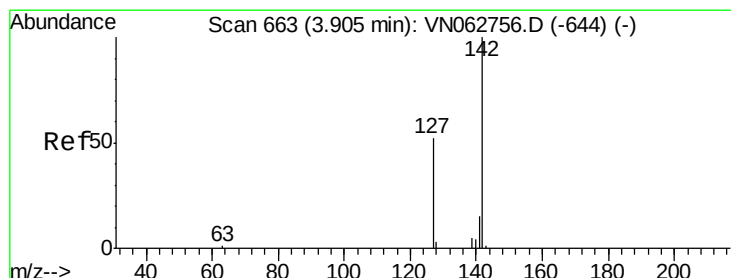
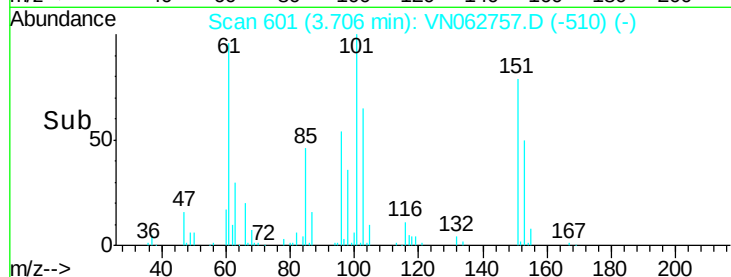
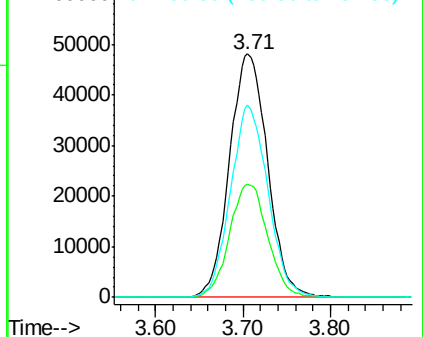
151 77.6 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 91.015 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

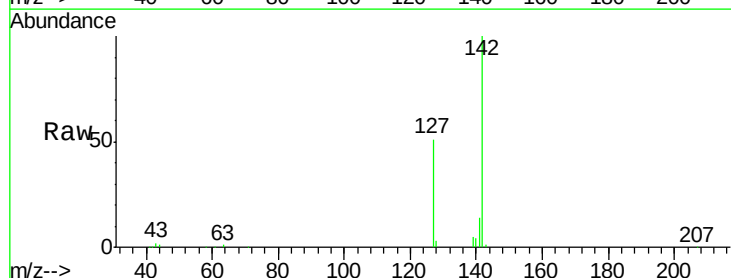
Tgt Ion:142 Resp: 188250

Ion Ratio Lower Upper

142 100

127 51.2 41.4 62.0

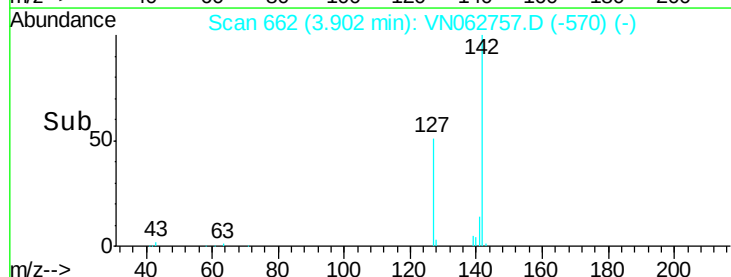
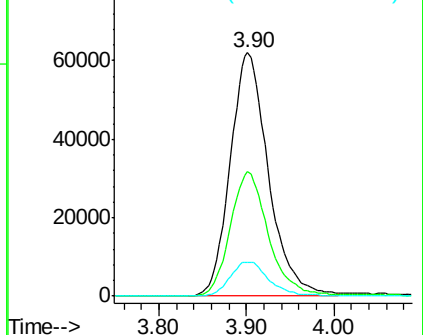
141 14.3 12.2 18.4

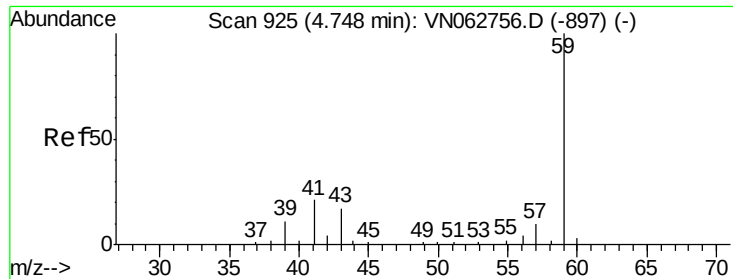


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

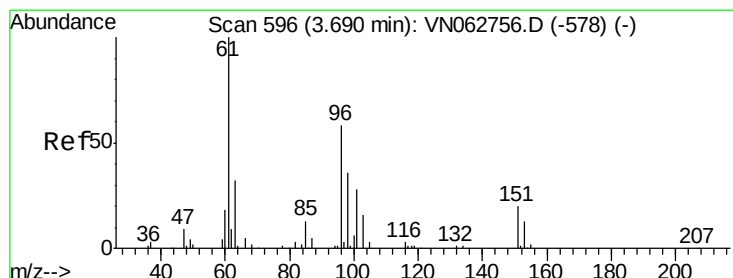
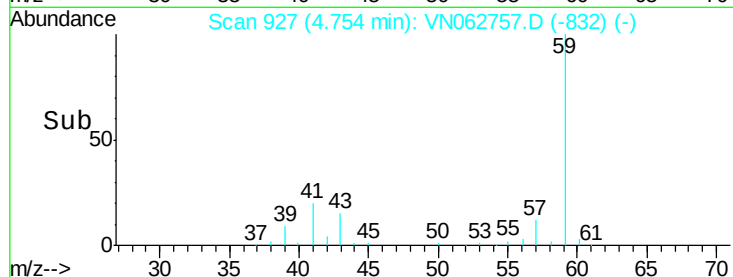
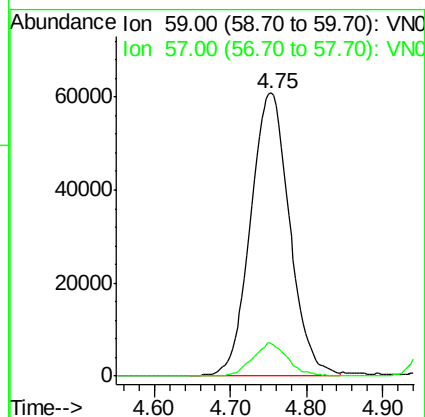
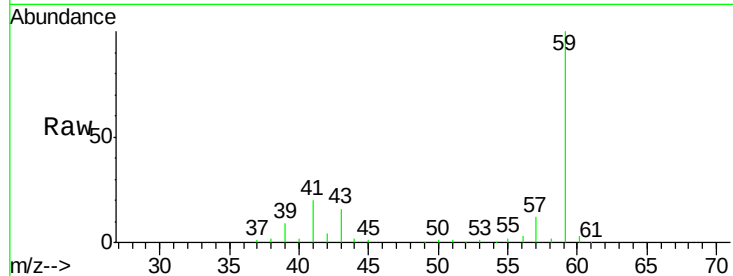




#11
Tert butyl alcohol
Concen: 540.523 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

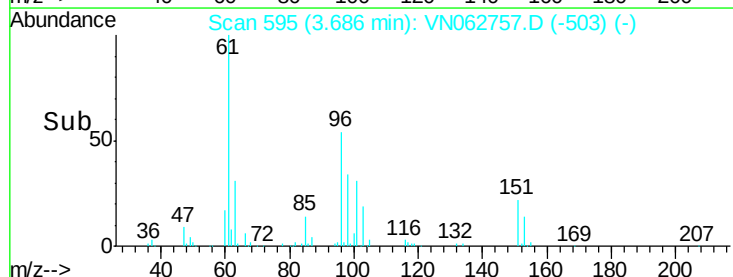
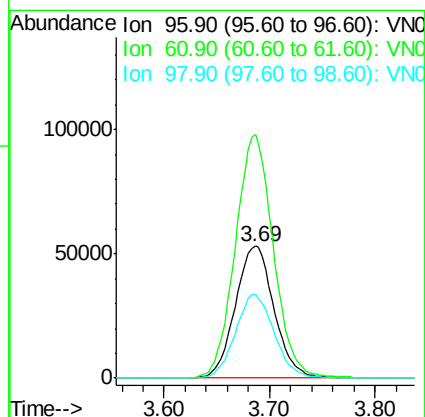
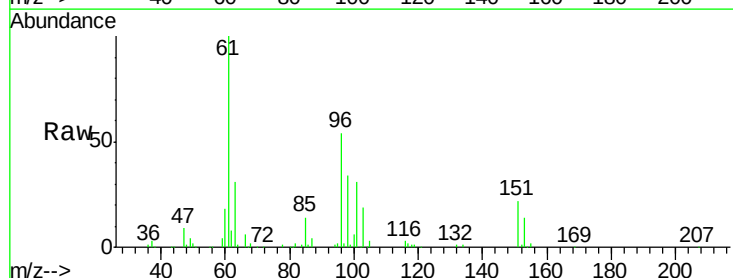
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

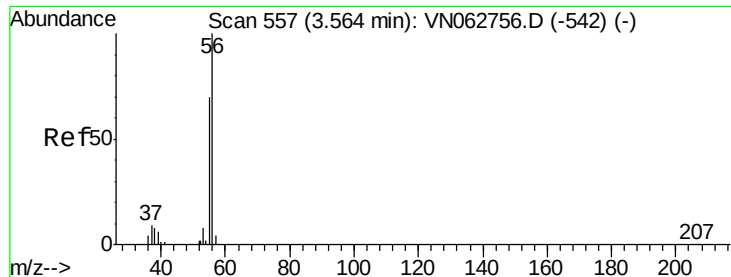
Tgt Ion: 59 Resp: 217445
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 82.326 ug/l
RT: 3.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion: 96 Resp: 135556
Ion Ratio Lower Upper
96 100
61 184.6 139.0 208.6
98 63.3 50.2 75.4





#13

Acrolein

Concen: 367.347 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

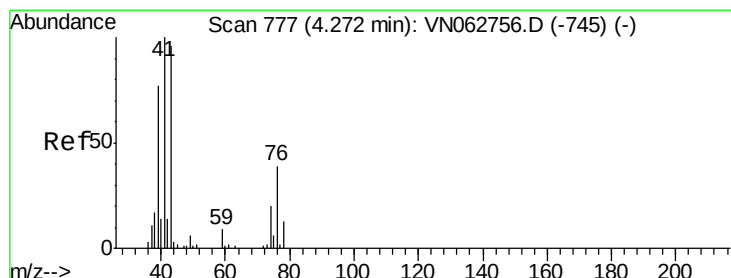
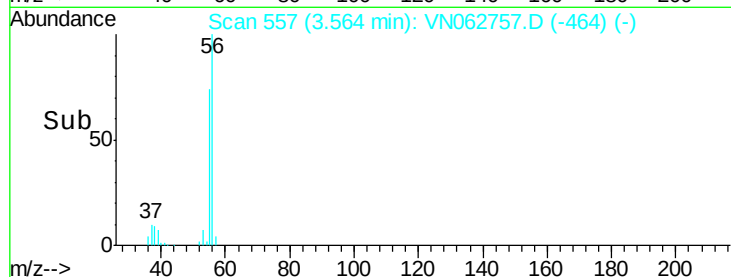
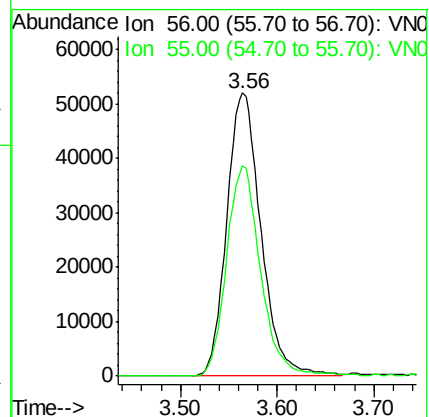
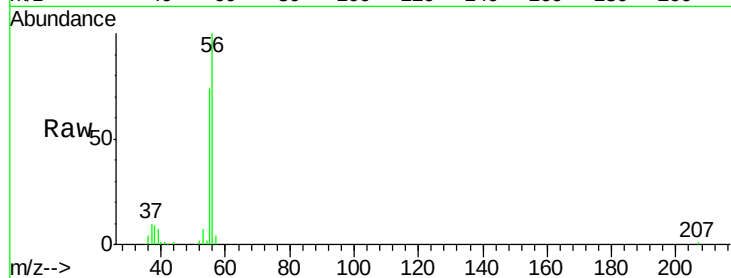
VSTDIC100

Tgt Ion: 56 Resp: 127948

Ion Ratio Lower Upper

56 100

55 73.1 57.0 85.6



#14

Allyl chloride

Concen: 76.330 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

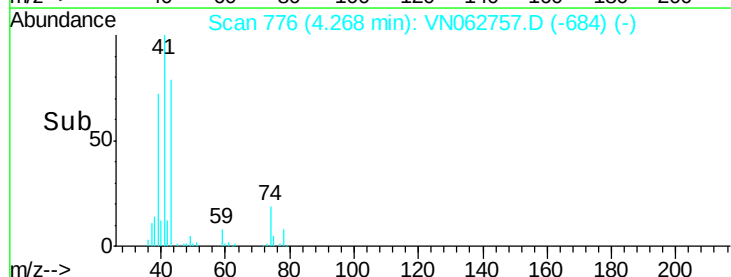
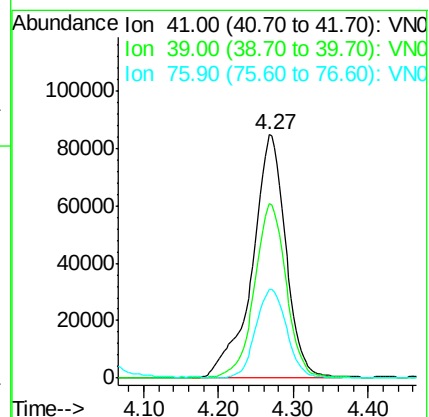
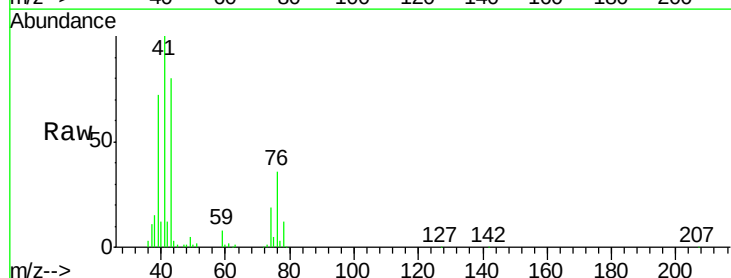
Tgt Ion: 41 Resp: 265938

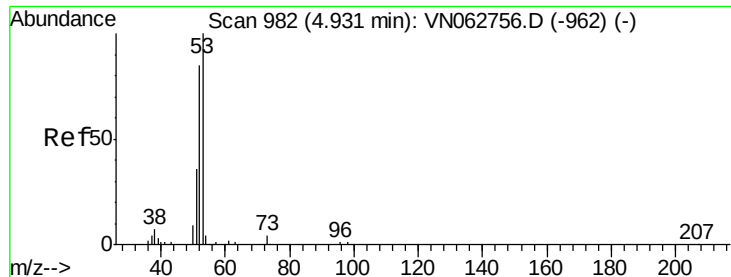
Ion Ratio Lower Upper

41 100

39 67.6 55.7 83.5

76 32.8 27.5 41.3





#15

Acrylonitrile

Concen: 499.252 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

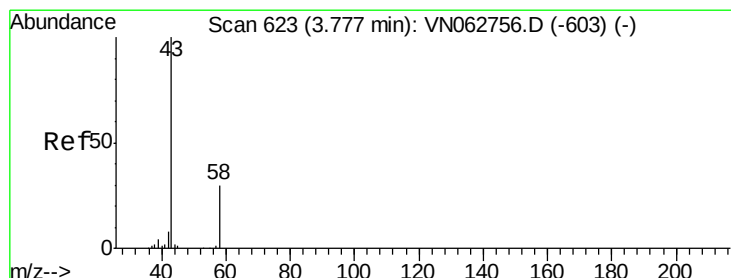
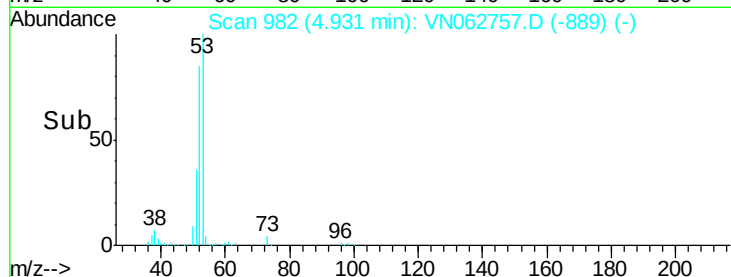
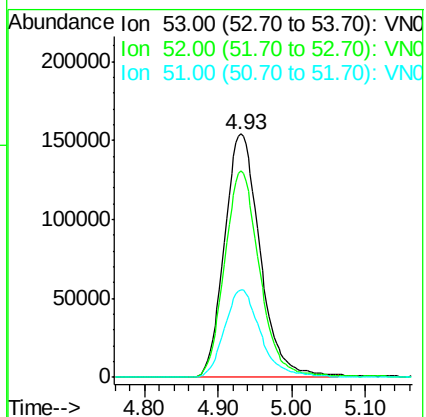
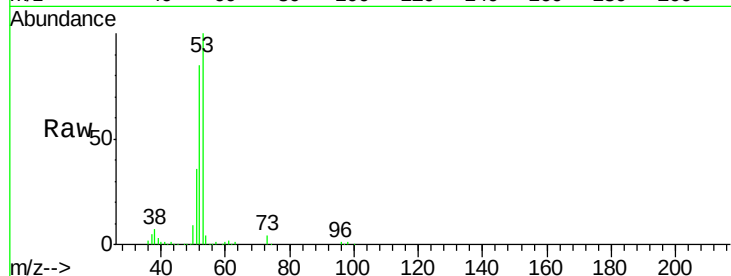
Tgt Ion: 53 Resp: 518421

Ion Ratio Lower Upper

53 100

52 83.6 66.8 100.2

51 36.7 29.5 44.3



#16

Acetone

Concen: 483.076 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062757.D

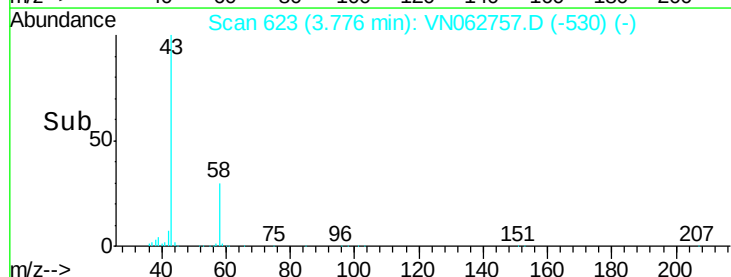
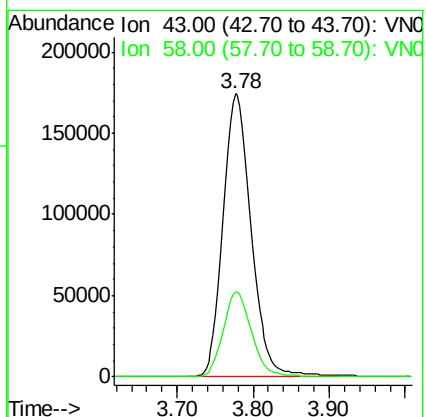
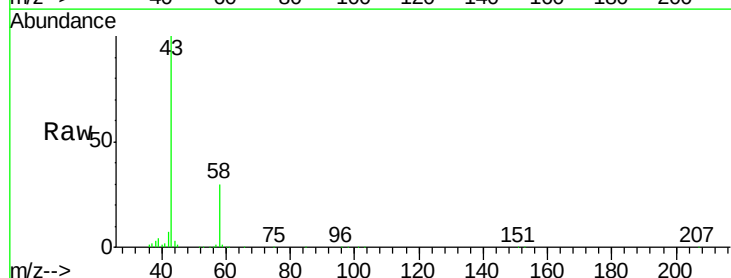
Acq: 5 Aug 2020 12:40

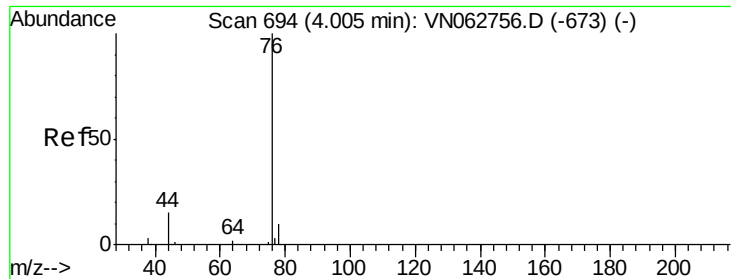
Tgt Ion: 43 Resp: 447100

Ion Ratio Lower Upper

43 100

58 30.1 24.1 36.1





#17

Carbon Disulfide

Concen: 71.152 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

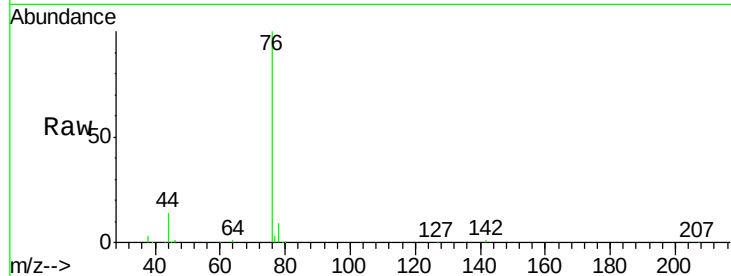
VSTDIC100

Tgt Ion: 76 Resp: 378961

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN062756.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062757.D (-601) (-)

4.00

150000

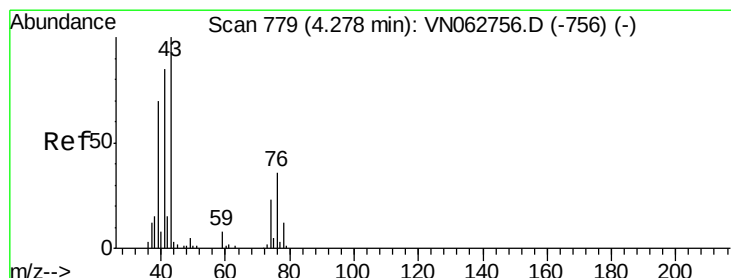
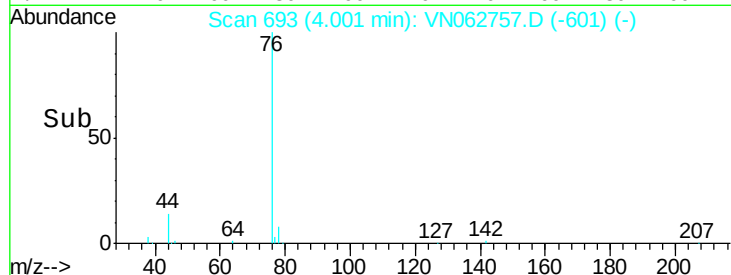
100000

50000

0

3.90 4.00 4.10

Time-->



#18

Methyl Acetate

Concen: 94.666 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062757.D

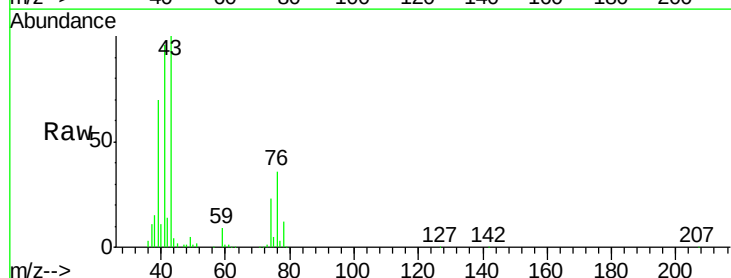
Acq: 5 Aug 2020 12:40

Tgt Ion: 43 Resp: 221989

Ion Ratio Lower Upper

43 100

74 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-756) (-)

Ion 74.00 (73.70 to 74.70): VN062757.D (-686) (-)

4.28

80000

60000

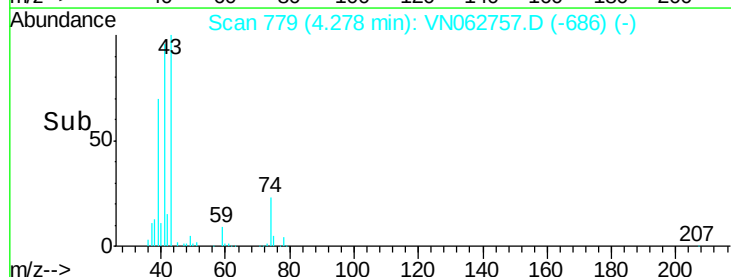
40000

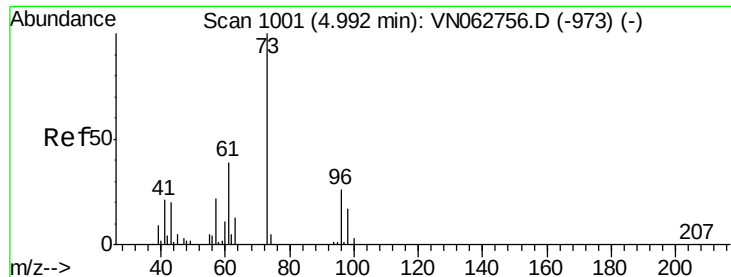
20000

0

4.20 4.30 4.40

Time-->



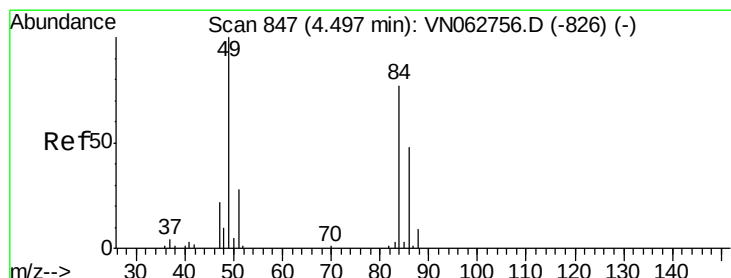
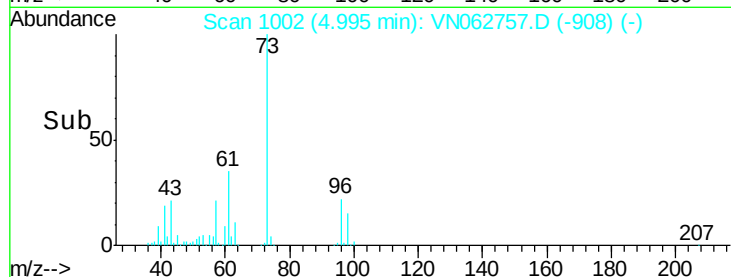
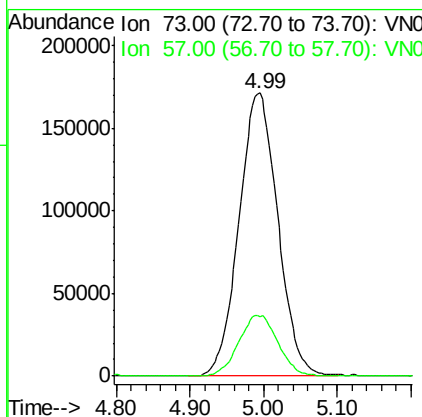
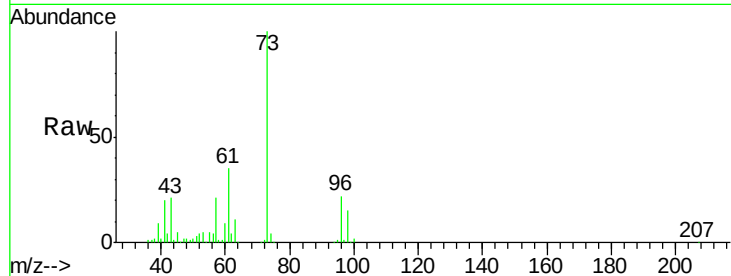


#19

Methyl tert-butyl Ether
 Concen: 101.048 ug/l
 RT: 4.99 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

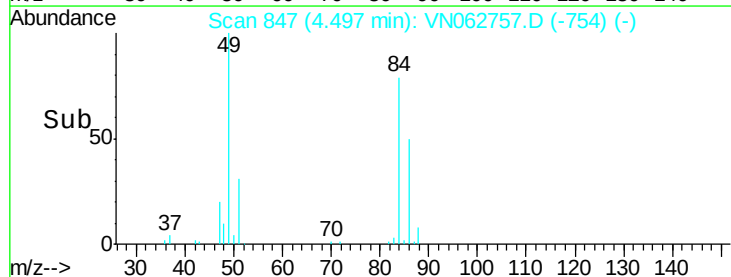
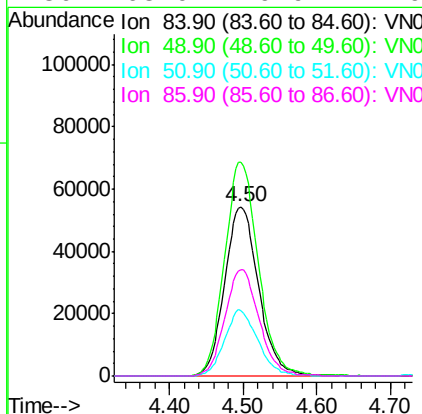
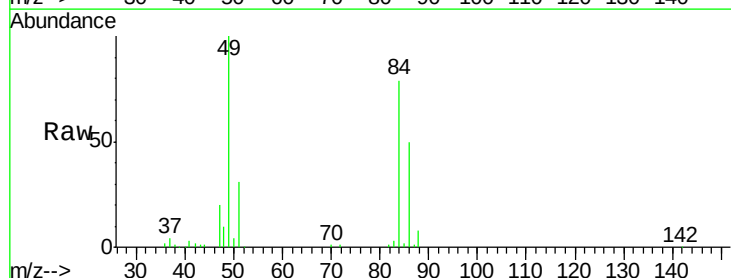
Tgt Ion: 73 Resp: 629669
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.5 26.3

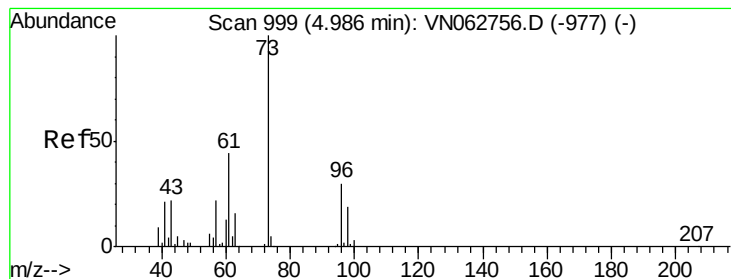


#20

Methylene Chloride
 Concen: 80.652 ug/l
 RT: 4.50 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 84 Resp: 174175
 Ion Ratio Lower Upper
 84 100
 49 125.9 103.4 155.2
 51 38.8 29.3 43.9
 86 63.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 82.016 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

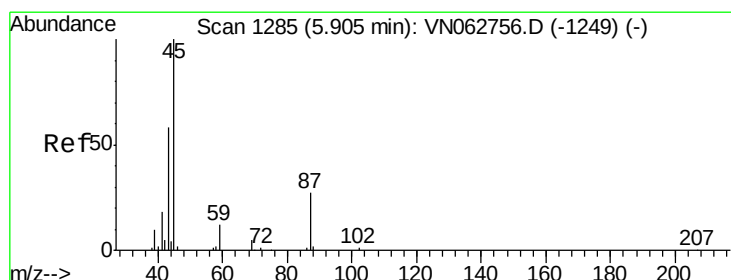
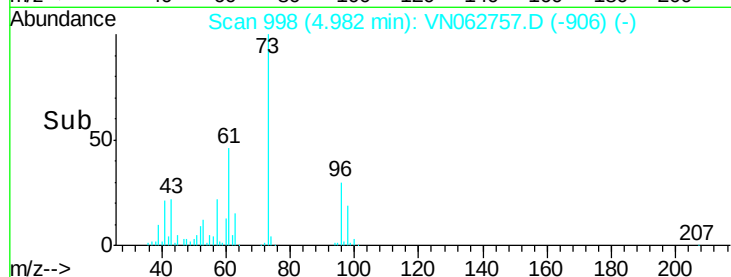
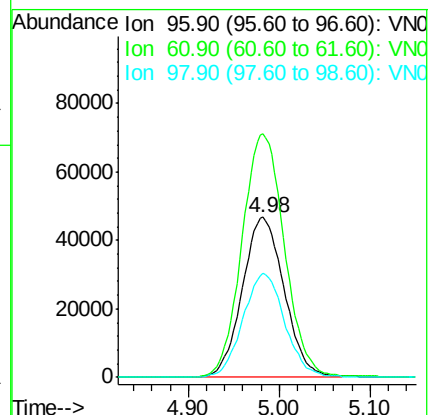
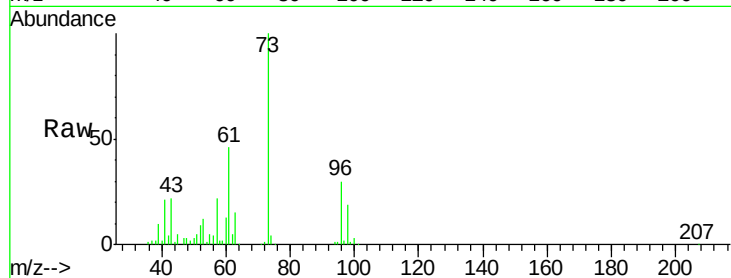
Tgt Ion: 96 Resp: 149627

Ion Ratio Lower Upper

96 100

61 152.2 118.8 178.2

98 64.8 51.0 76.4



#22

Diisopropyl ether

Concen: 84.551 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Tgt Ion: 45 Resp: 597137

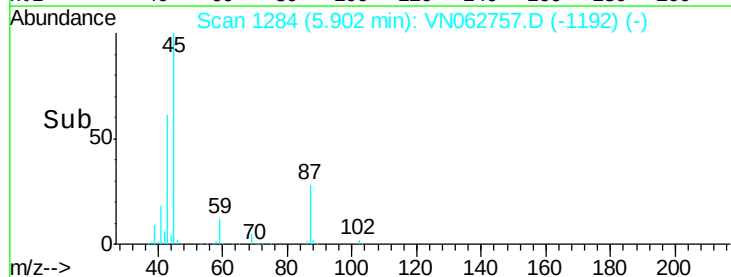
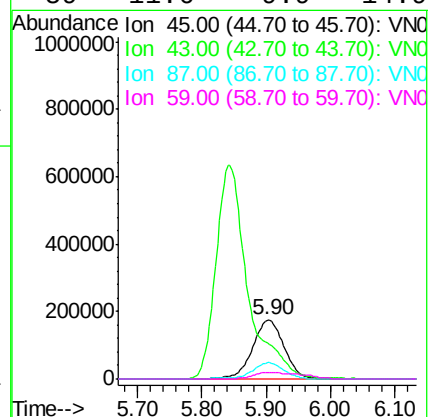
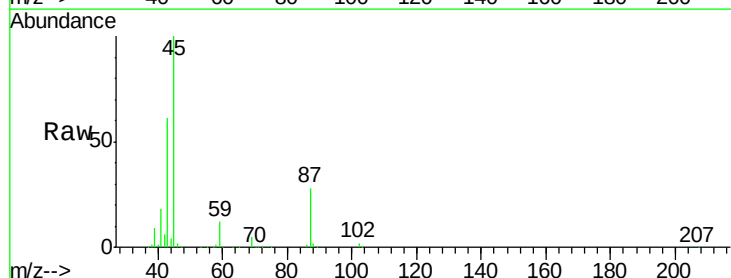
Ion Ratio Lower Upper

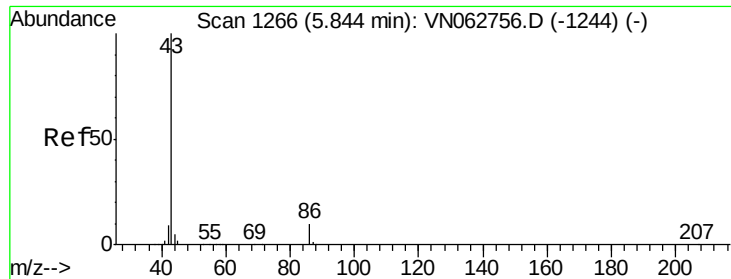
45 100

43 59.4 47.4 71.2

87 27.5 22.8 34.2

59 11.6 9.9 14.9





#23

Vinyl Acetate

Concen: 387.444 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

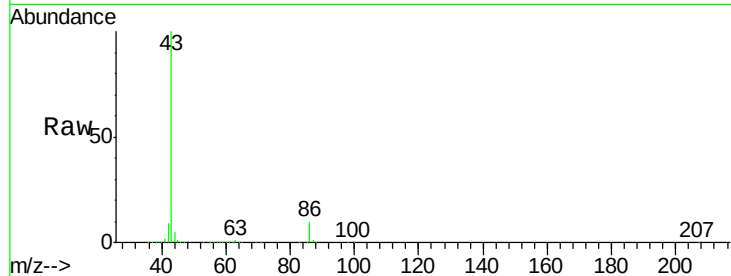
VSTDIC100

Tgt Ion: 43 Resp: 2189652

Ion Ratio Lower Upper

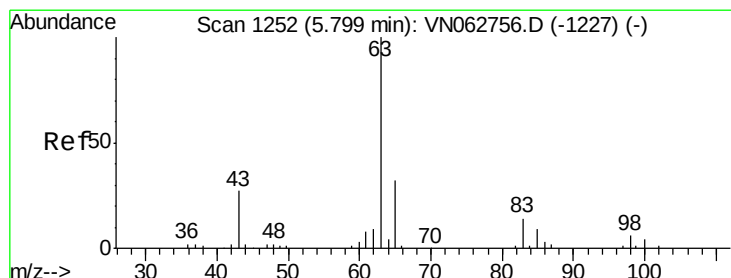
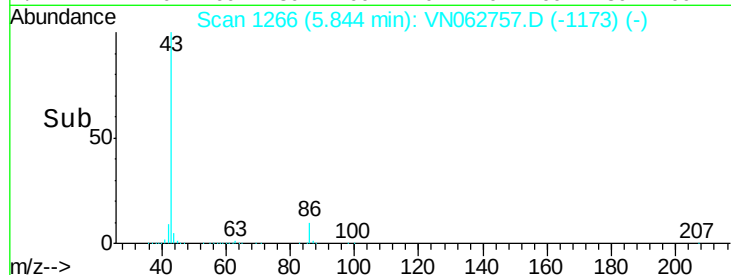
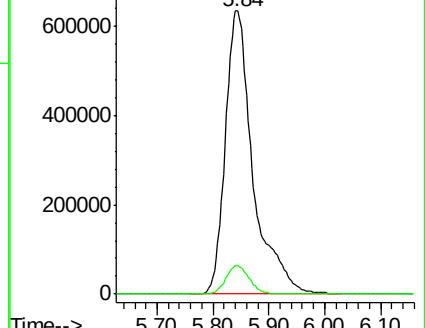
43 100

86 10.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062757.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062757.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 84.590 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

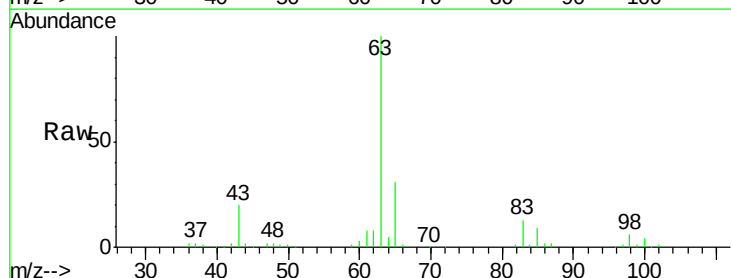
Tgt Ion: 63 Resp: 323766

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

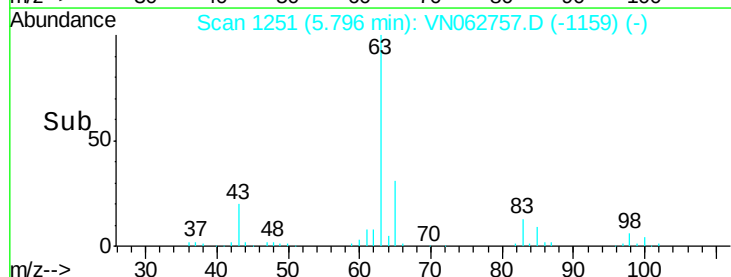
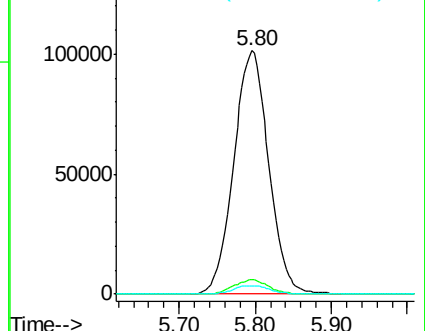
100 3.5 1.9 5.7

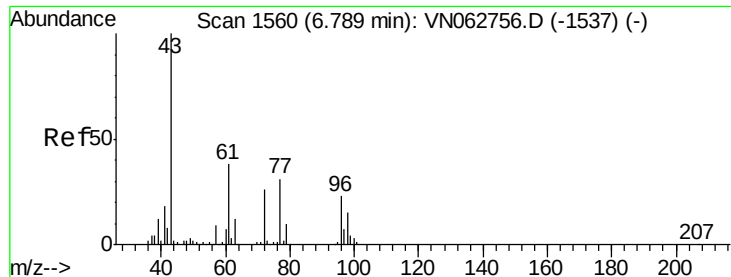


Abundance Ion 62.90 (62.60 to 63.60): VN062757.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062757.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062757.D (-1159) (-)





#25

2-Butanone

Concen: 491.519 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

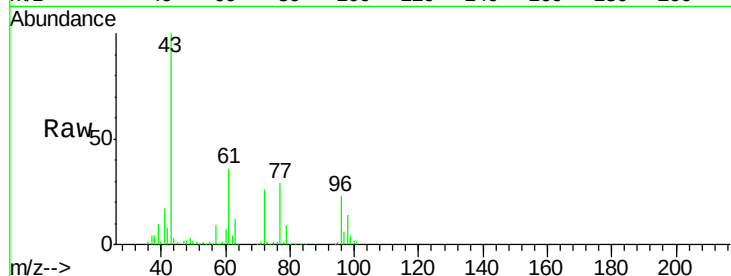
VSTDIC100

Tgt Ion: 43 Resp: 686897

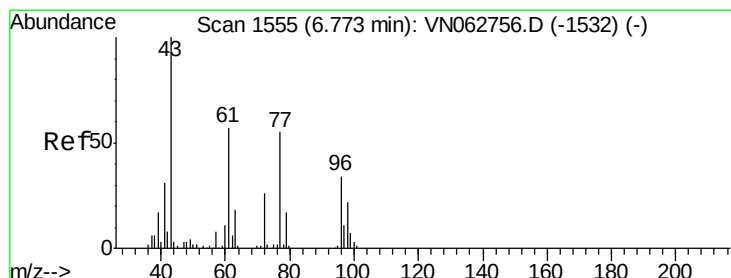
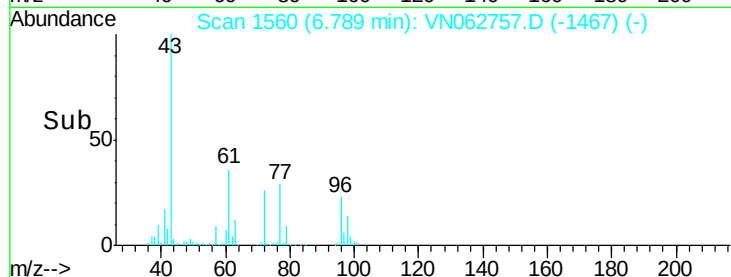
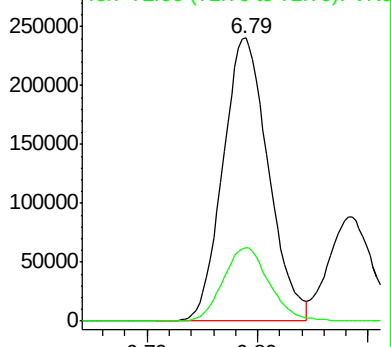
Ion Ratio Lower Upper

43 100

72 26.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062757.D (-1467) (-)



#26

2,2-Dichloropropane

Concen: 91.672 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062757.D

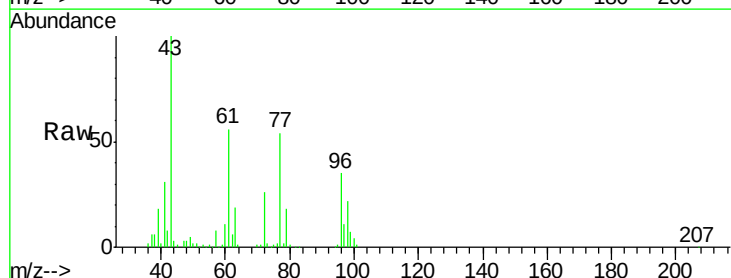
Acq: 5 Aug 2020 12:40

Tgt Ion: 77 Resp: 293688

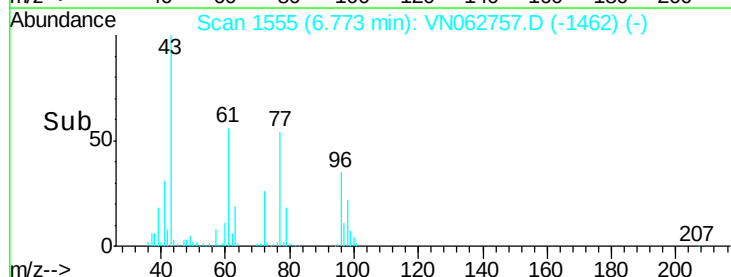
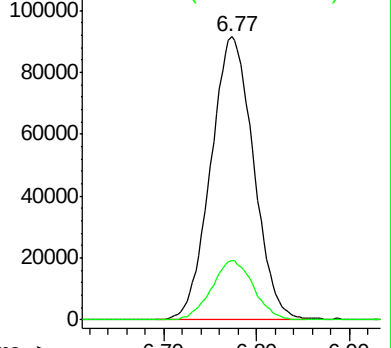
Ion Ratio Lower Upper

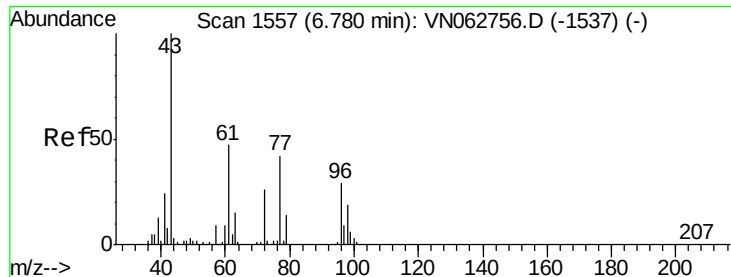
77 100

97 20.5 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN062757.D (-1462) (-)





#27

cis-1,2-Dichloroethene

Concen: 87.368 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

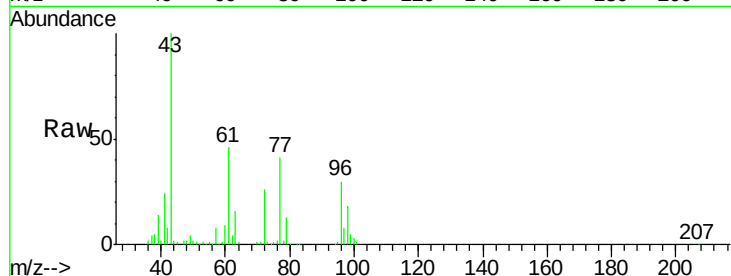
Tgt Ion: 96 Resp: 182943

Ion Ratio Lower Upper

96 100

61 160.9 0.0 332.2

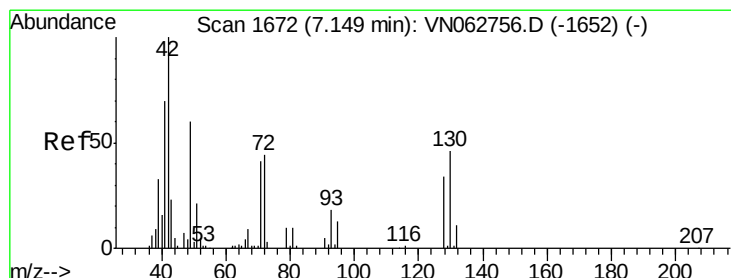
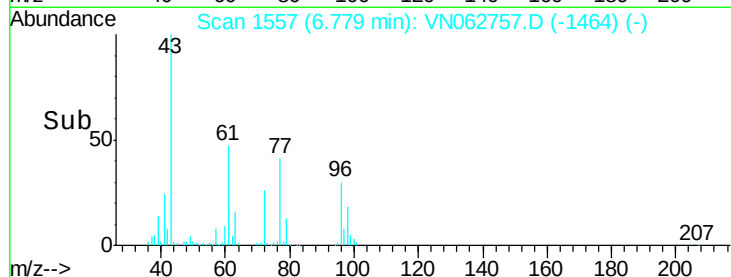
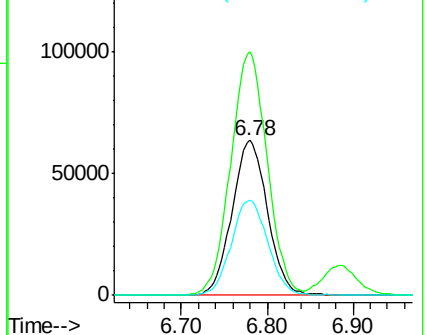
98 63.5 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062757.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062757.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062757.D (-1464) (-)



#28

Bromochloromethane

Concen: 91.737 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

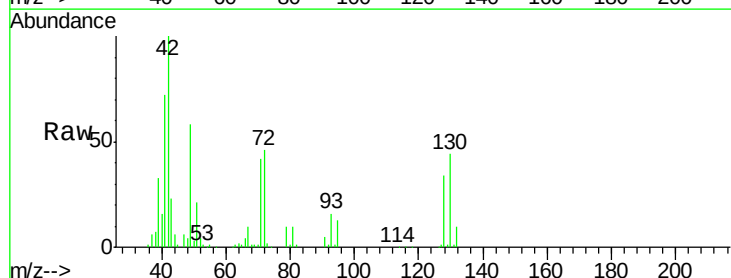
Tgt Ion: 49 Resp: 171356

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

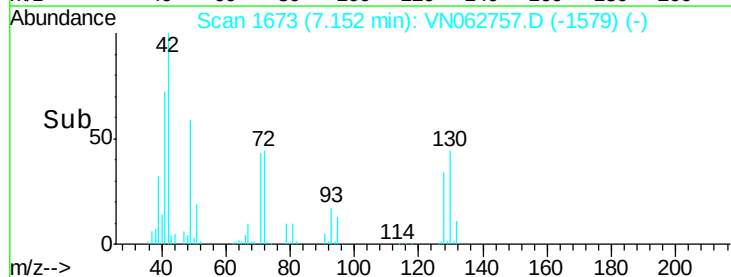
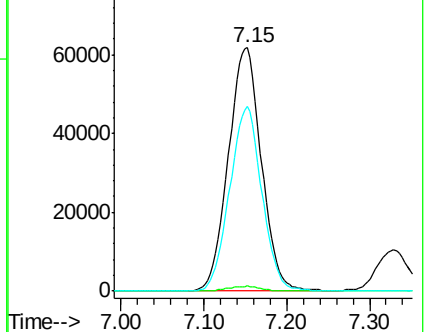
130 73.9 59.0 88.6

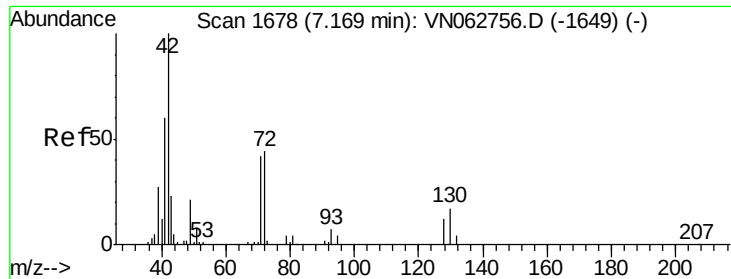


Abundance Ion 48.90 (48.60 to 49.60): VN062757.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062757.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062757.D (-1579) (-)

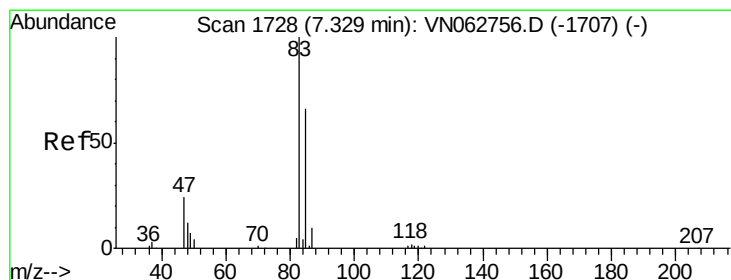
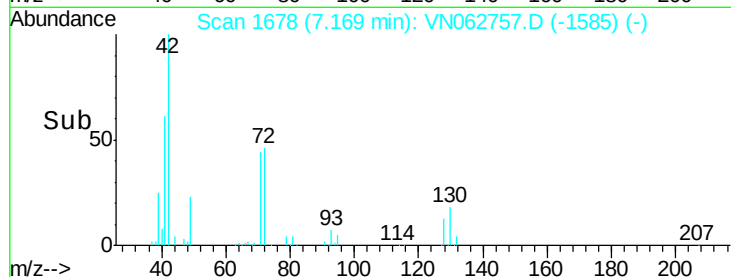
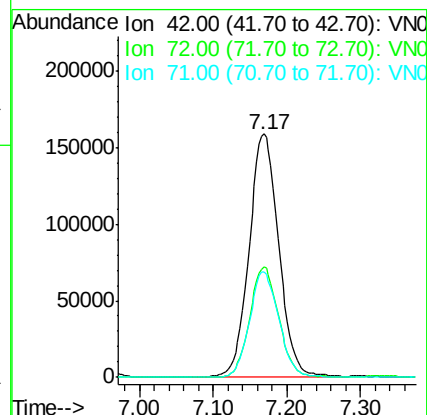
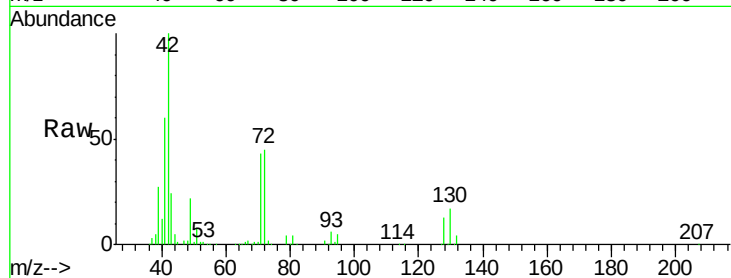




#29
Tetrahydrofuran
Concen: 474.941 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

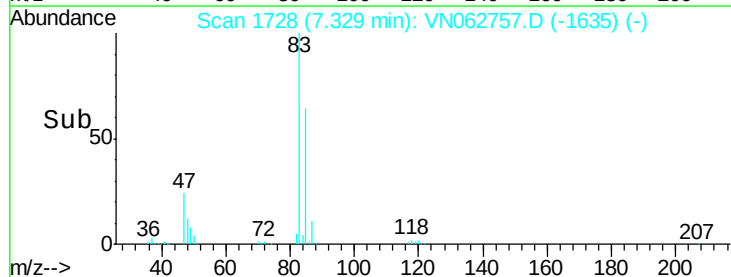
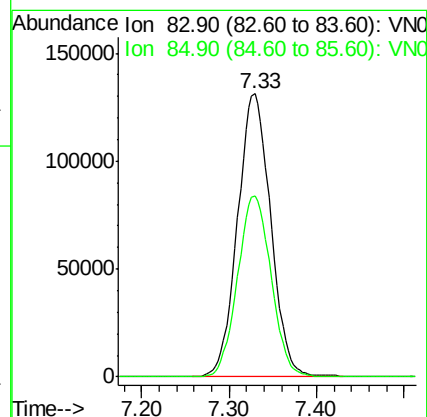
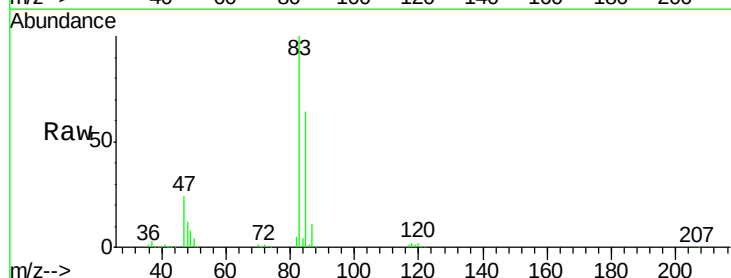
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

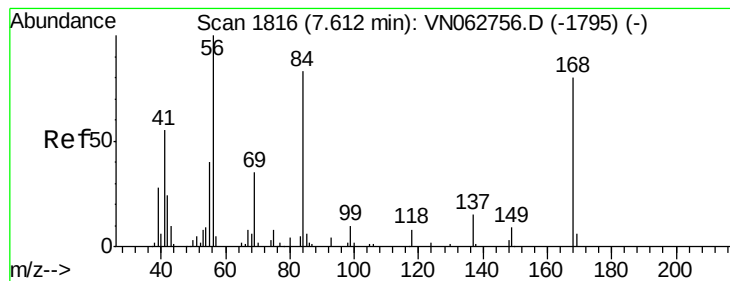
Tgt Ion: 42 Resp: 447093
Ion Ratio Lower Upper
42 100
72 44.1 35.0 52.4
71 42.7 33.2 49.8



#30
Chloroform
Concen: 93.236 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion: 83 Resp: 345624
Ion Ratio Lower Upper
83 100
85 63.7 52.7 79.1





#31

Cyclohexane

Concen: 86.685 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

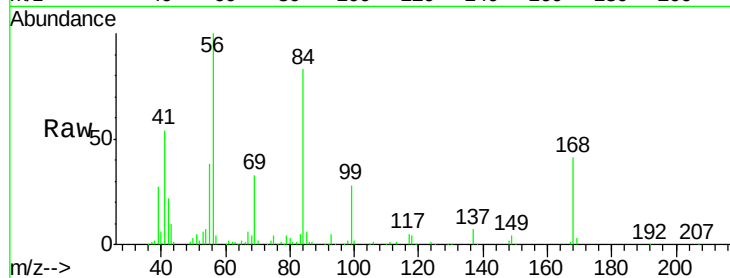
Tgt Ion: 56 Resp: 307196

Ion Ratio Lower Upper

56 100

69 32.8 28.1 42.1

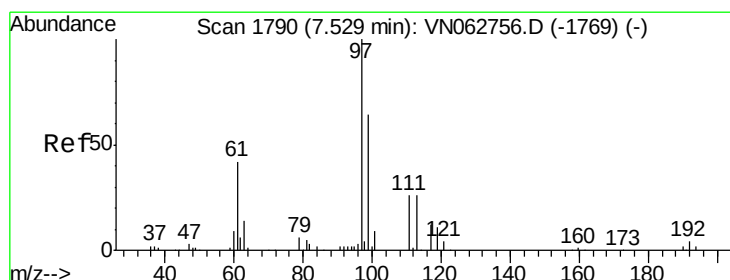
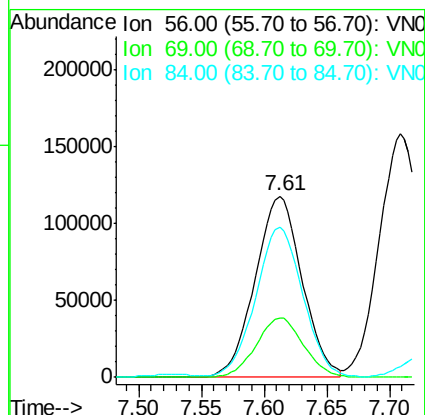
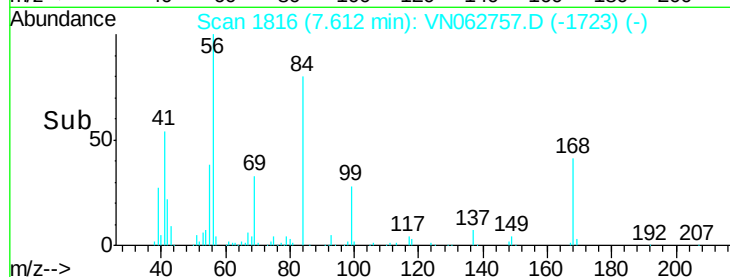
84 81.8 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062757.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062757.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062757.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 99.286 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

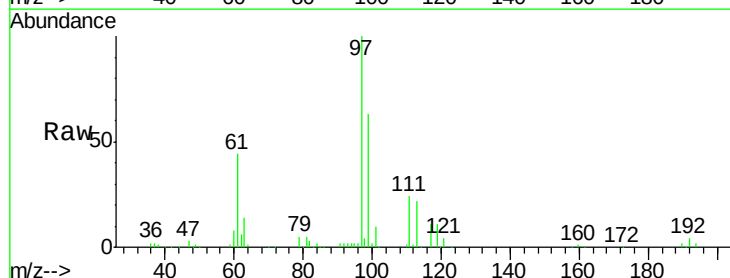
Tgt Ion: 97 Resp: 311795

Ion Ratio Lower Upper

97 100

99 63.8 50.0 75.0

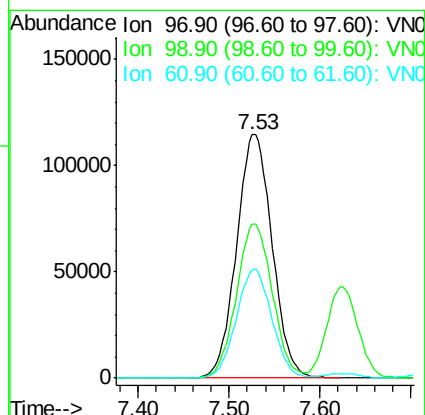
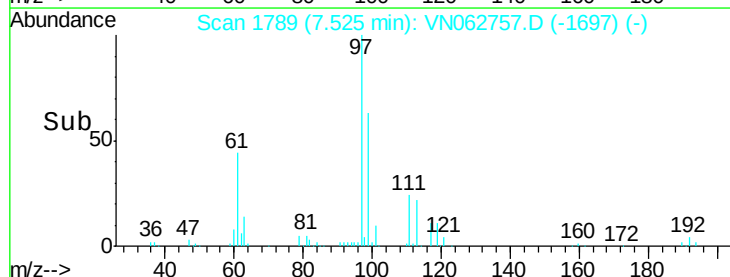
61 44.7 34.8 52.2

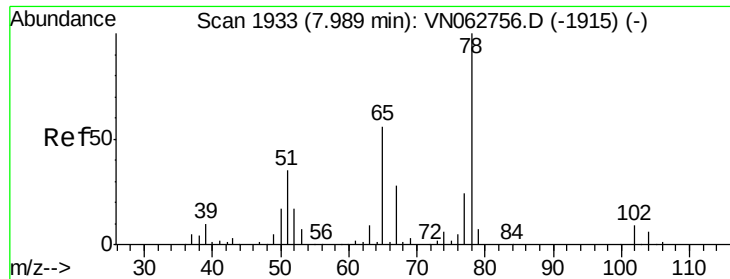


Abundance Ion 96.90 (96.60 to 97.60): VN062757.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062757.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062757.D (-1697) (-)

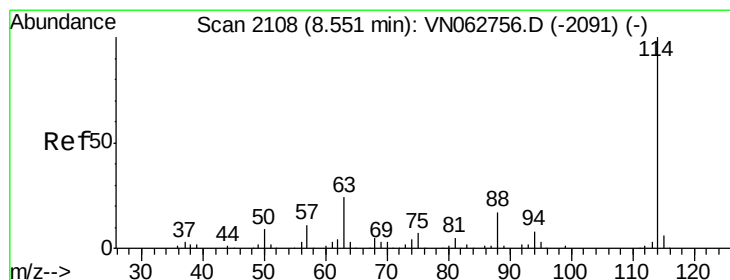
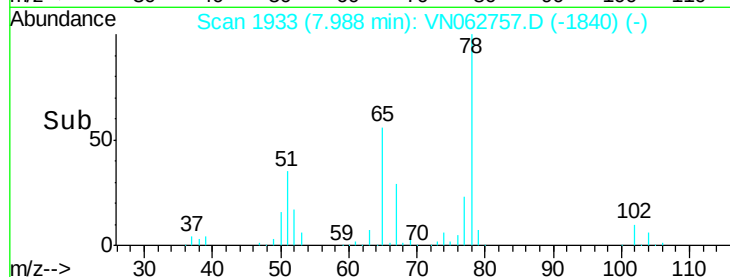
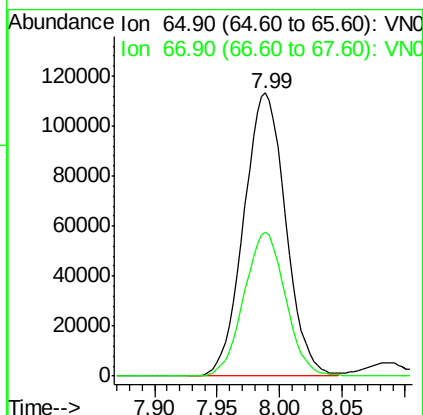
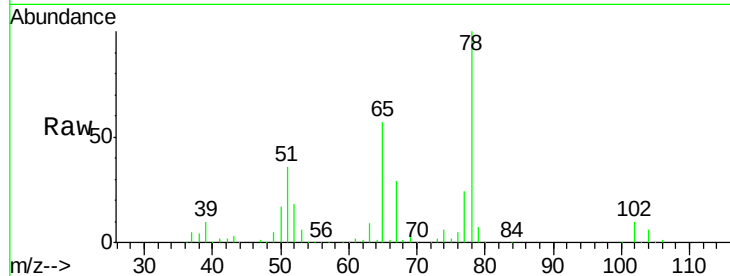




#33
 1,2-Dichloroethane-d4
 Concen: 106.563 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

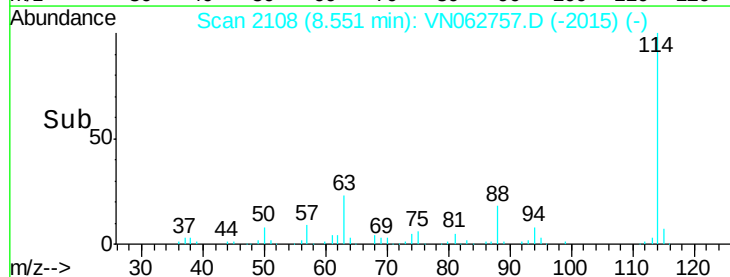
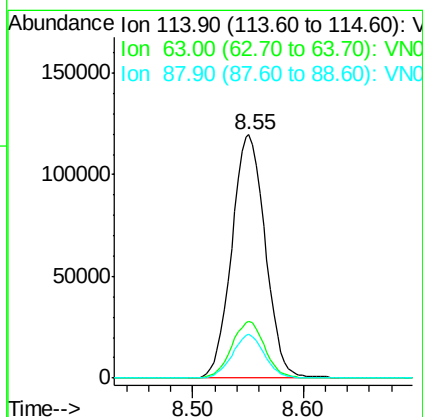
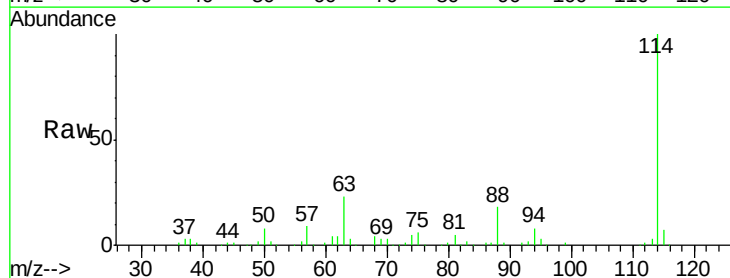
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

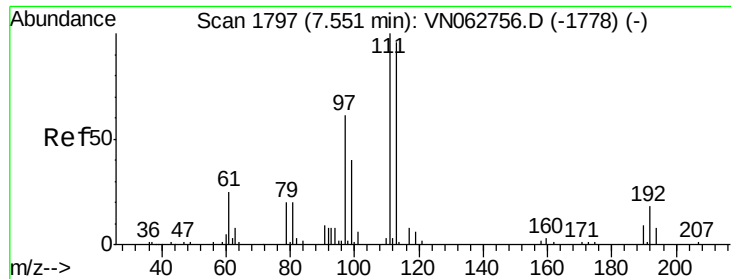
Tgt Ion: 65 Resp: 263864
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 114 Resp: 251736
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.6
 88 18.0 0.0 34.4

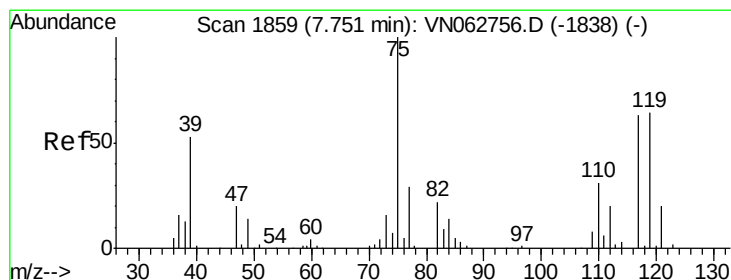
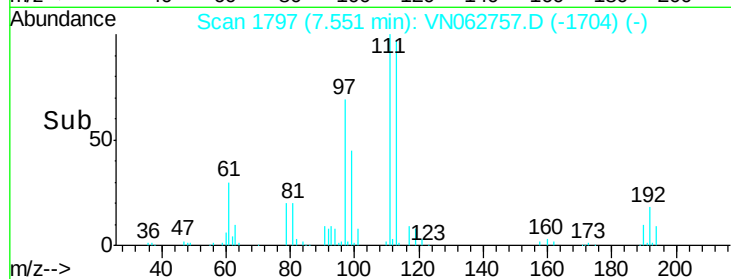
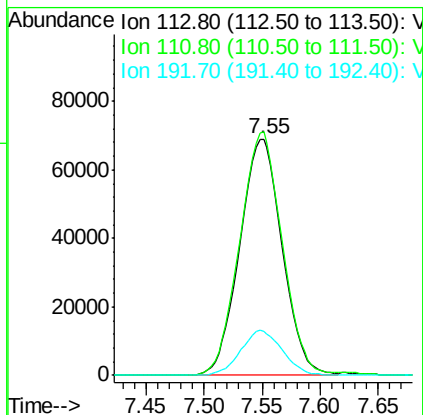
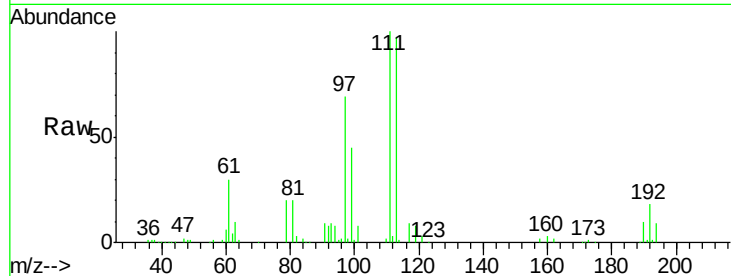




#35
 Dibromofluoromethane
 Concen: 105.983 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

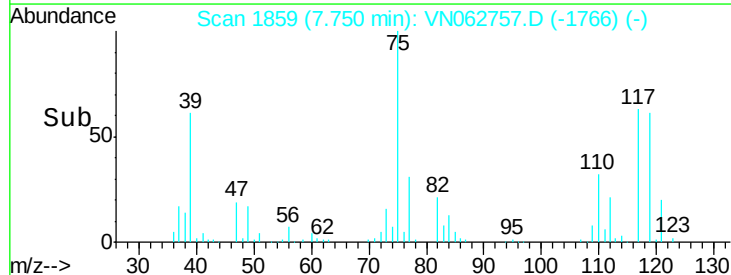
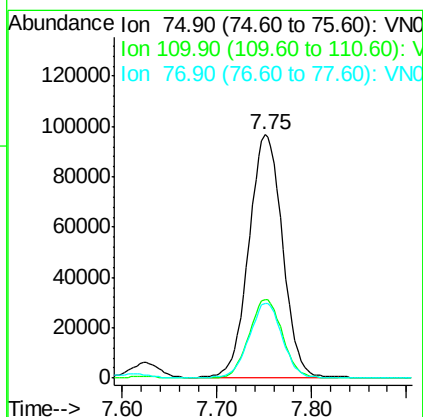
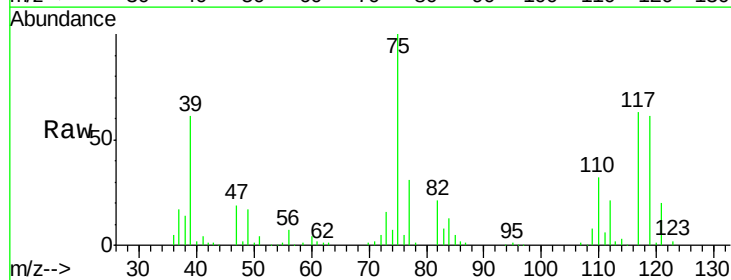
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

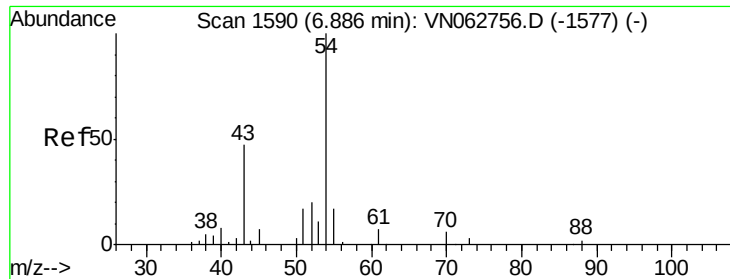
Tgt Ion: 113 Resp: 175504
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.6
 192 18.8 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 89.988 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 75 Resp: 237530
 Ion Ratio Lower Upper
 75 100
 110 32.3 15.6 46.7
 77 30.7 24.1 36.1

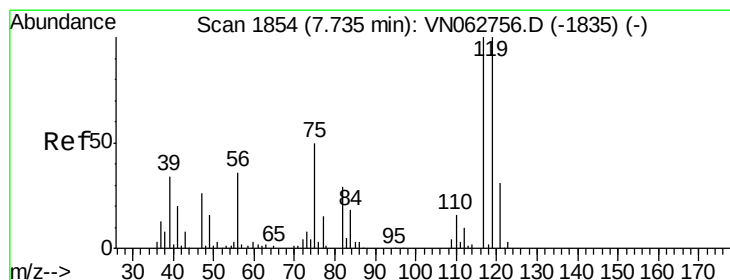
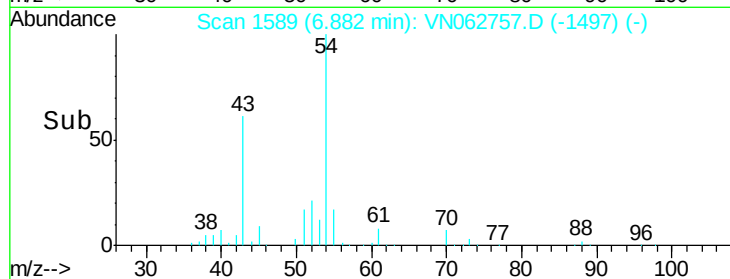
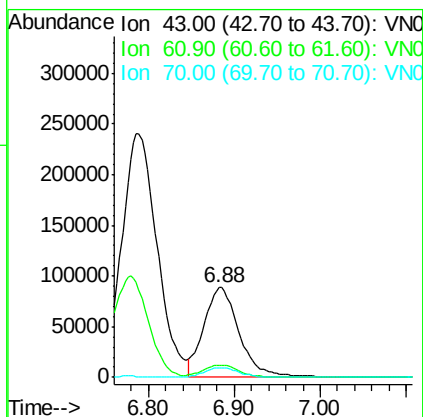
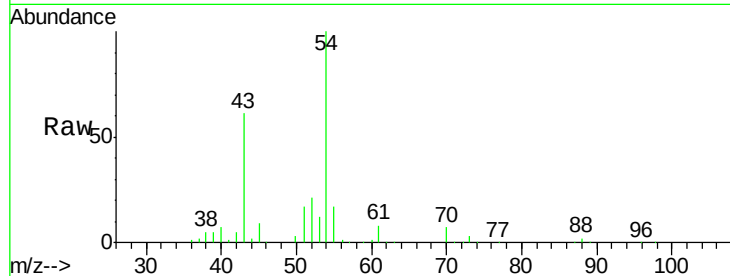




#37
Ethyl Acetate
 Concen: 88.828 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

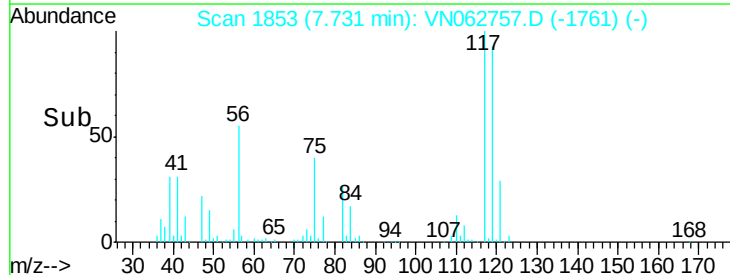
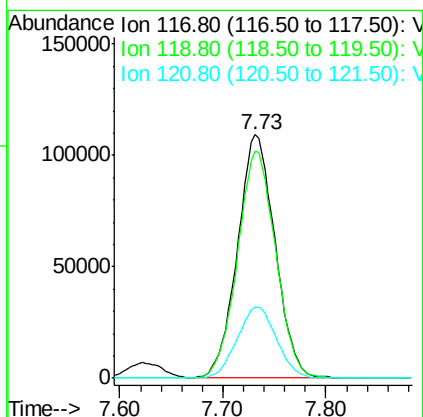
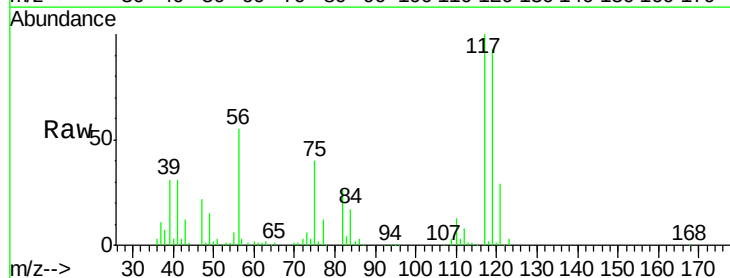
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

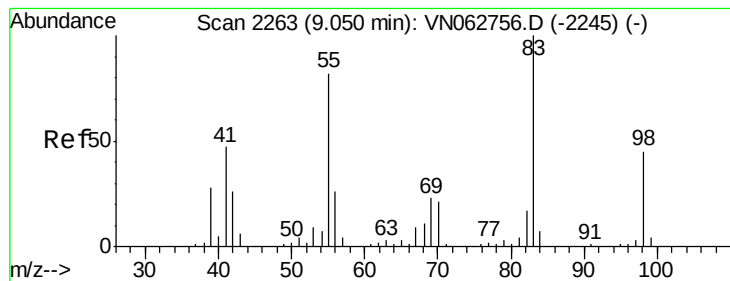
Tgt Ion: 43 Resp: 250631
 Ion Ratio Lower Upper
 43 100
 61 13.6 12.1 18.1
 70 10.8 8.3 12.5



#38
Carbon Tetrachloride
 Concen: 105.691 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 117 Resp: 274538
 Ion Ratio Lower Upper
 117 100
 119 93.4 79.4 119.2
 121 29.2 24.9 37.3





#39

Methylcyclohexane

Concen: 106.906 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

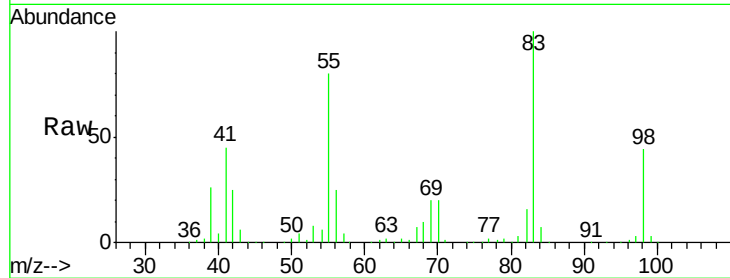
Tgt Ion: 83 Resp: 308839

Ion Ratio Lower Upper

83 100

55 80.4 65.7 98.5

98 44.1 35.6 53.4

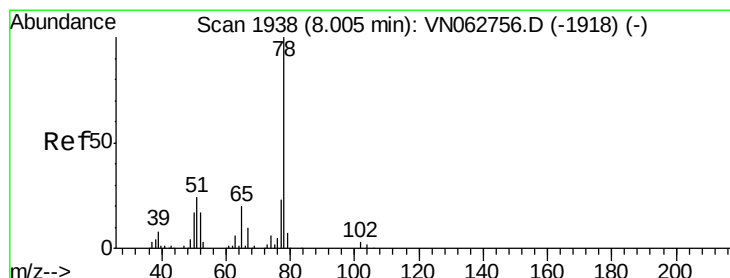
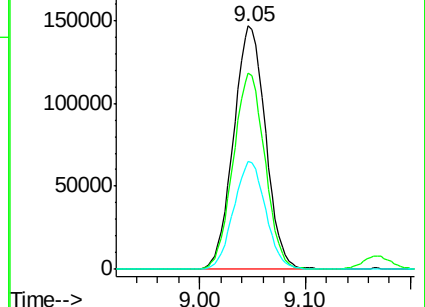
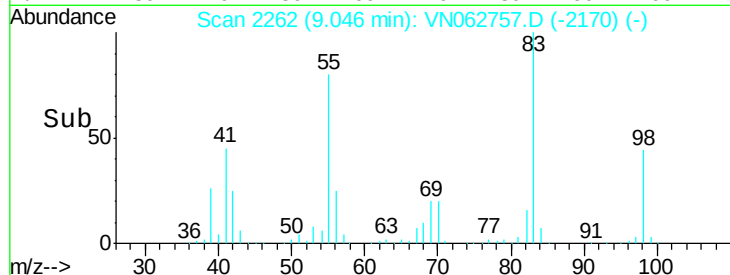


Abundance Ion 83.00 (82.70 to 83.70): VN062757.D (-2170) (-)

Ion 55.00 (54.70 to 55.70): VN062757.D (-2170) (-)

Ion 98.00 (97.70 to 98.70): VN062757.D (-2170) (-)

Time-->



#40

Benzene

Concen: 88.474 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062757.D

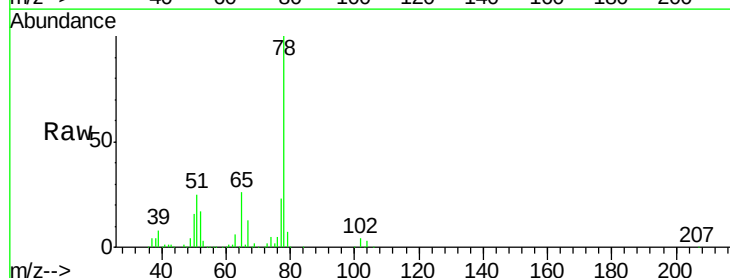
Acq: 5 Aug 2020 12:40

Tgt Ion: 78 Resp: 702194

Ion Ratio Lower Upper

78 100

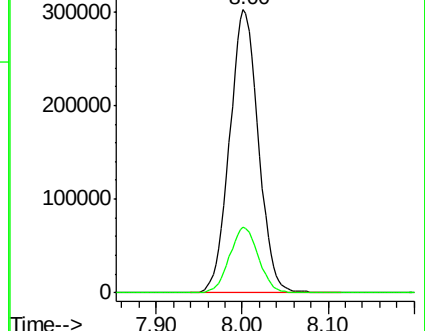
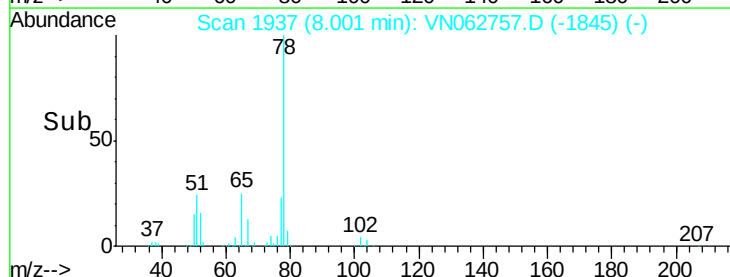
77 23.1 18.1 27.1

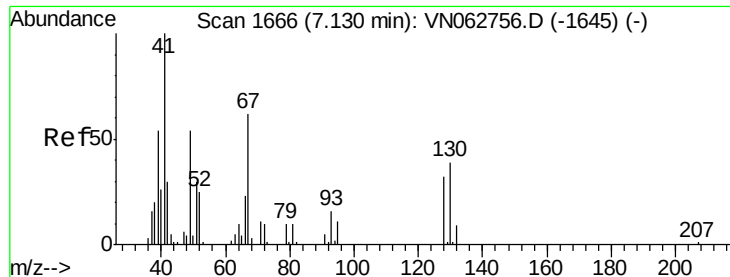


Abundance Ion 78.00 (77.70 to 78.70): VN062757.D (-1845) (-)

Ion 77.00 (76.70 to 77.70): VN062757.D (-1845) (-)

Time-->





#41

Methacrylonitrile

Concen: 93.898 ug/l

RT: 7.13 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 117606

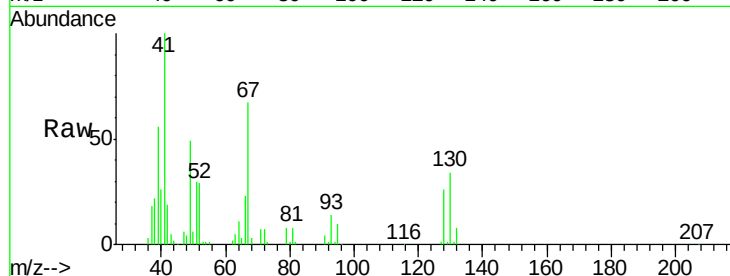
Ion Ratio Lower Upper

41 100

39 65.4 69.4 104.2#

67 93.1 0.0 0.0#

52 40.0 0.0 0.0#

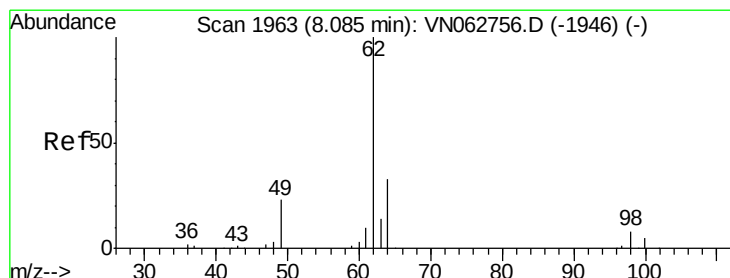
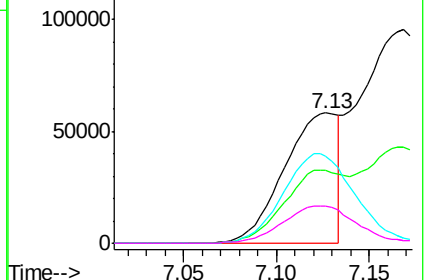
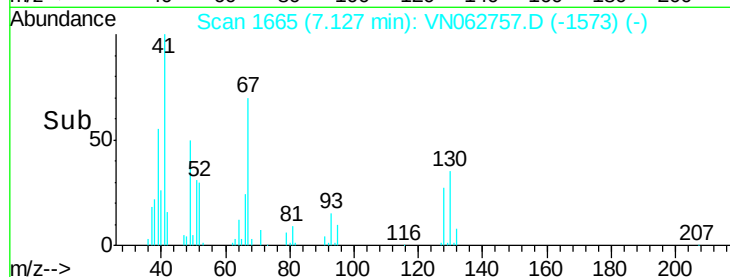


Abundance Ion 41.00 (40.70 to 41.70): VN062757.D (-1573) (-)

Ion 39.00 (38.70 to 39.70): VN062757.D (-1573) (-)

Ion 67.00 (66.70 to 67.70): VN062757.D (-1573) (-)

Ion 52.00 (51.70 to 52.70): VN062757.D (-1573) (-)



#42

1,2-Dichloroethane

Concen: 101.597 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN062757.D

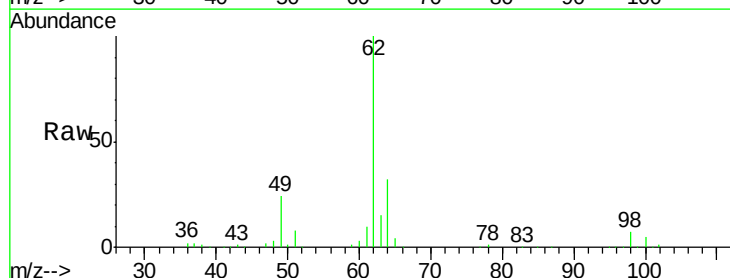
Acq: 5 Aug 2020 12:40

Tgt Ion: 62 Resp: 302639

Ion Ratio Lower Upper

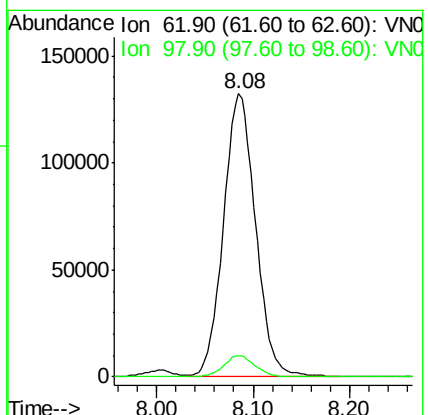
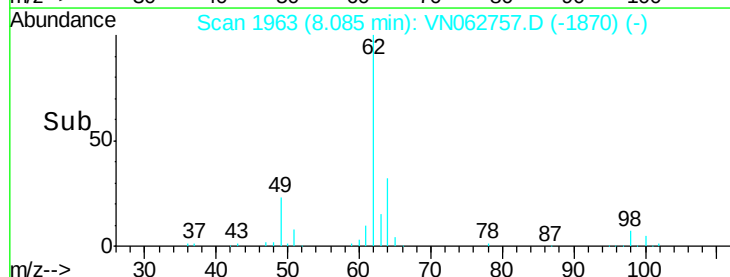
62 100

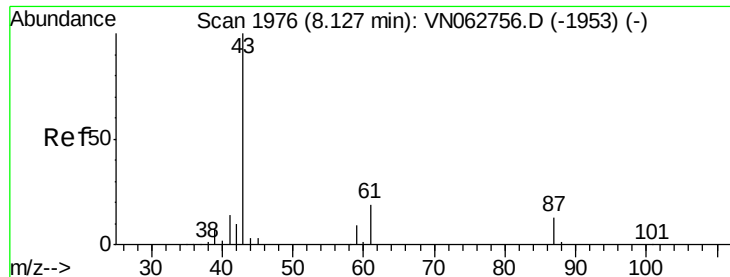
98 7.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN062757.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN062757.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 94.603 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

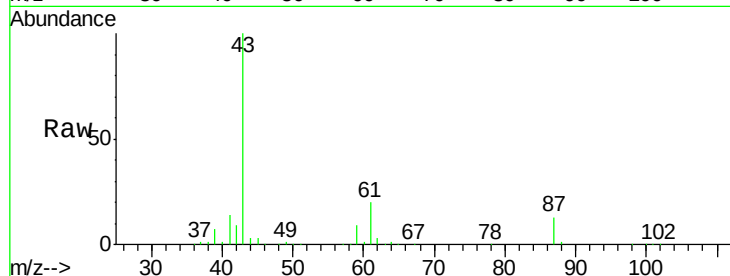
Tgt Ion: 43 Resp: 430903

Ion Ratio Lower Upper

43 100

61 26.3 15.8 23.6#

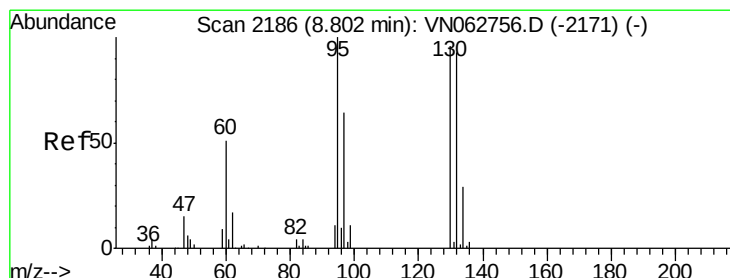
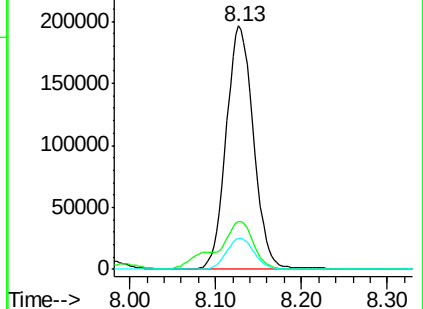
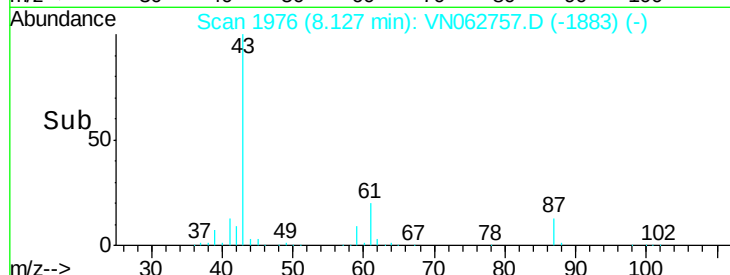
87 13.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062757.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062757.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062757.D (-1883) (-)



#44

Trichloroethene

Concen: 93.319 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062757.D

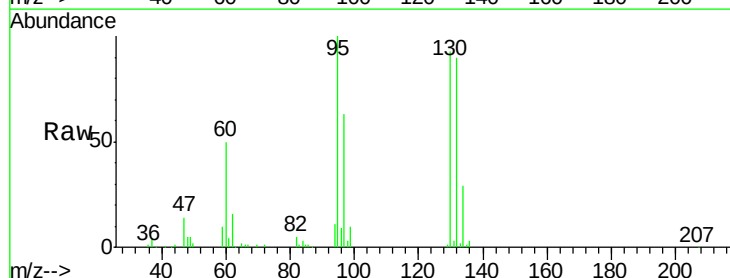
Acq: 5 Aug 2020 12:40

Tgt Ion: 130 Resp: 168734

Ion Ratio Lower Upper

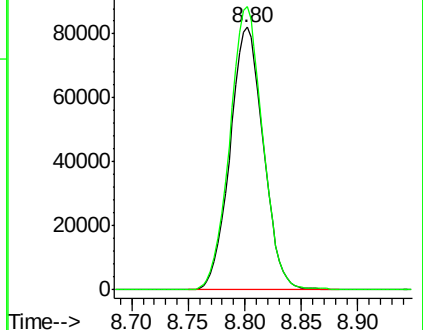
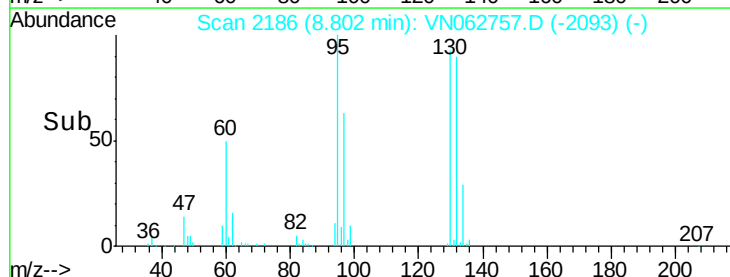
130 100

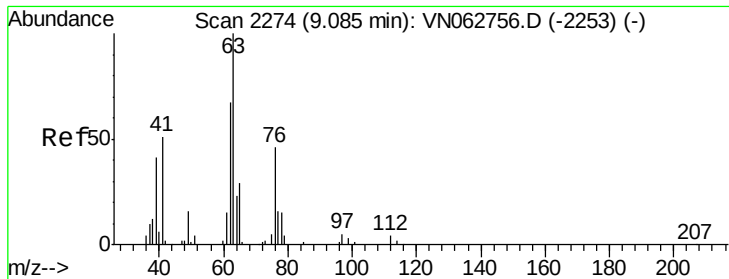
95 107.8 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062757.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062757.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 86.941 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

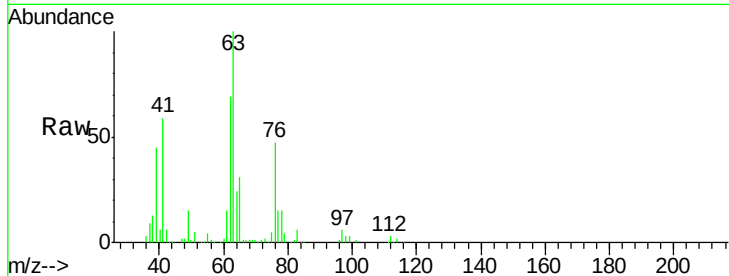
VSTDIC100

Tgt Ion: 63 Resp: 193640

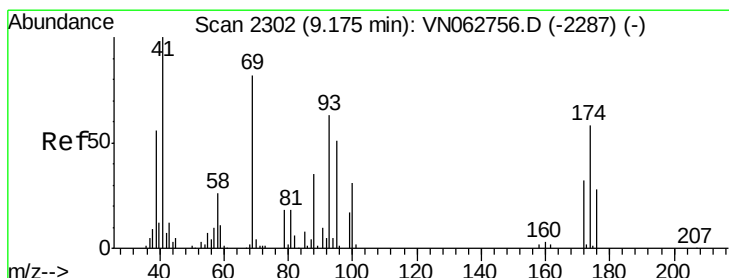
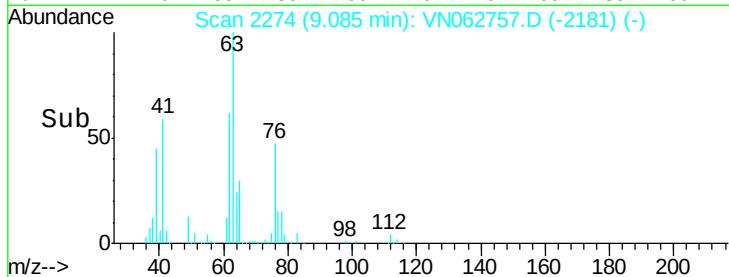
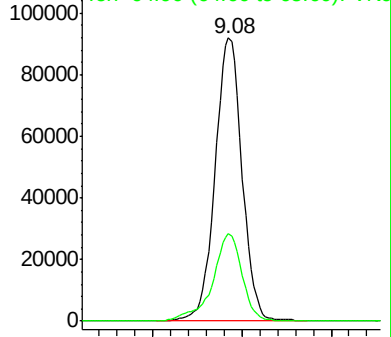
Ion Ratio Lower Upper

63 100

65 30.8 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN062757.D (-2181) (-)



#46

Dibromomethane

Concen: 98.902 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

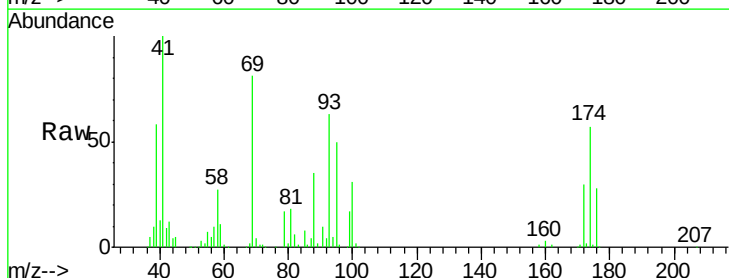
Tgt Ion: 93 Resp: 129467

Ion Ratio Lower Upper

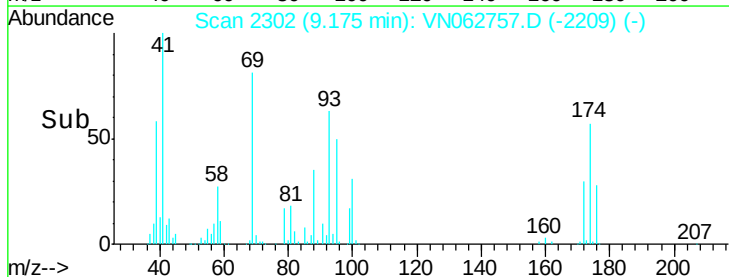
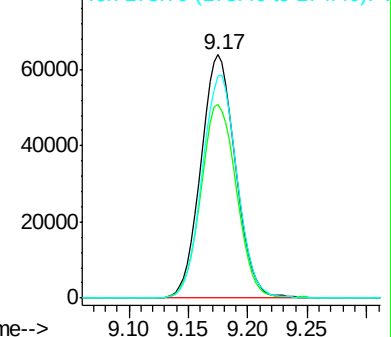
93 100

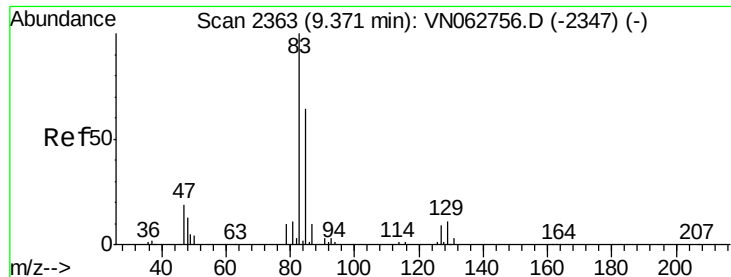
95 81.6 65.1 97.7

174 91.9 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VN062757.D (-2209) (-)





#47

Bromodichloromethane

Concen: 101.682 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

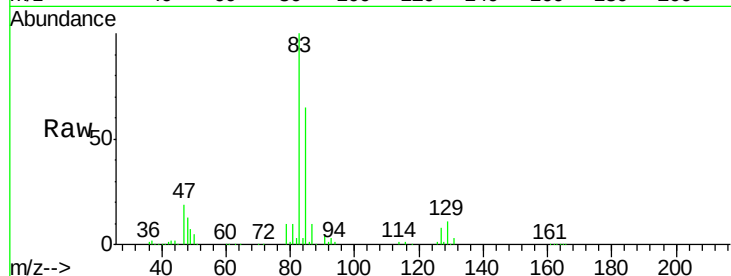
Tgt Ion: 83 Resp: 291771

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

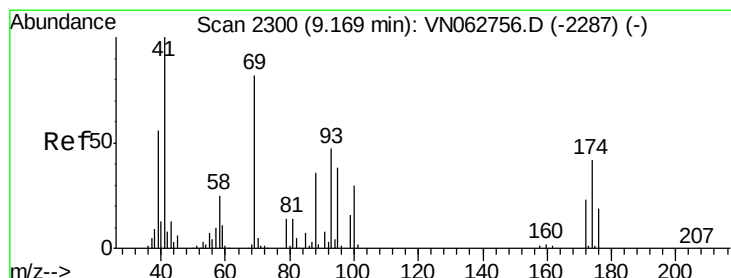
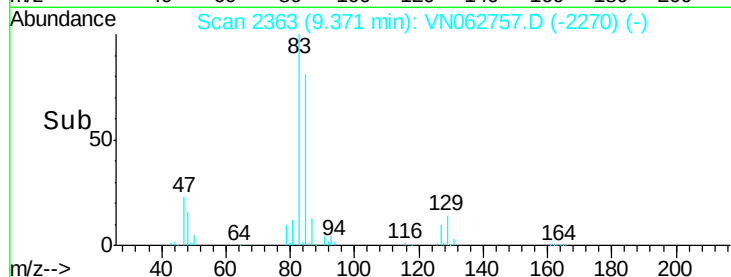
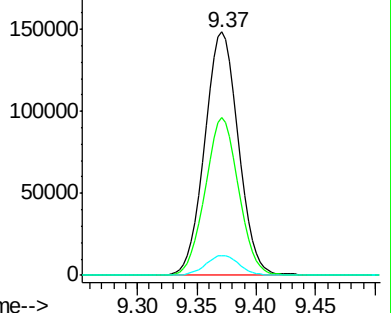
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062757.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062757.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062757.D (-2270) (-)



#48

Methyl methacrylate

Concen: 99.141 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

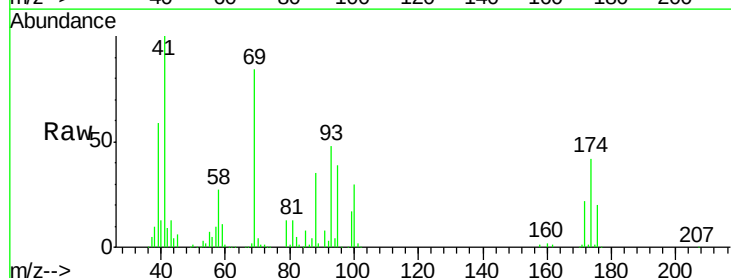
Tgt Ion: 41 Resp: 216627

Ion Ratio Lower Upper

41 100

69 85.2 67.4 101.2

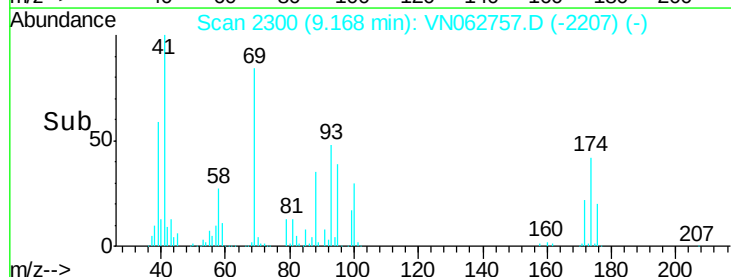
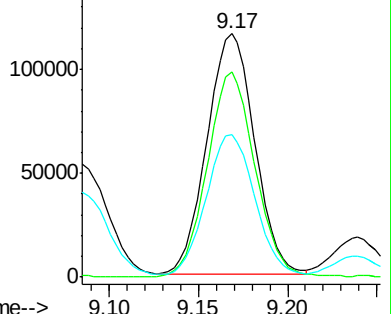
39 60.8 47.6 71.4

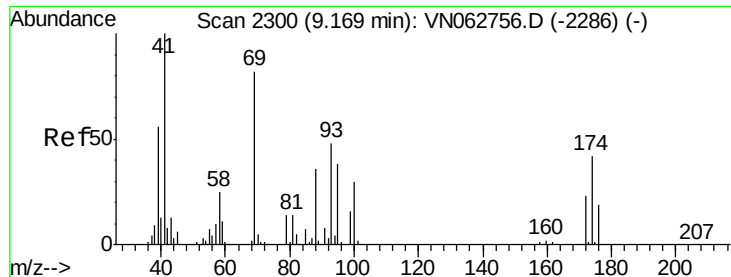


Abundance Ion 41.00 (40.70 to 41.70): VN062757.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062757.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062757.D (-2207) (-)

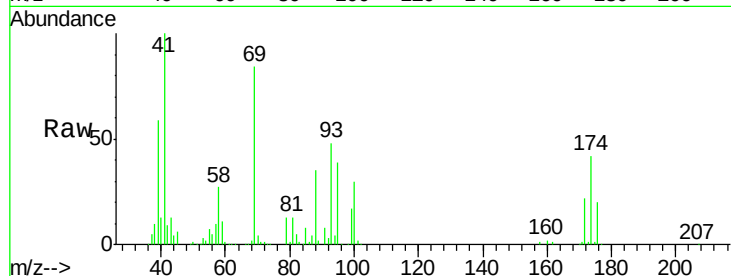




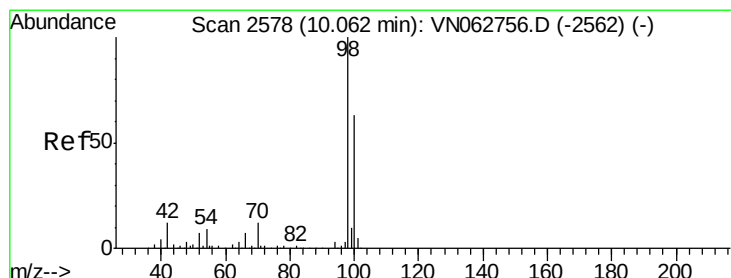
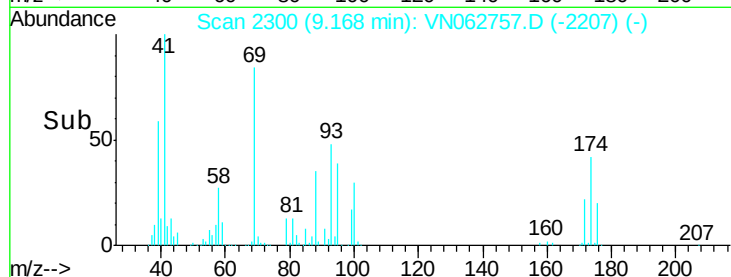
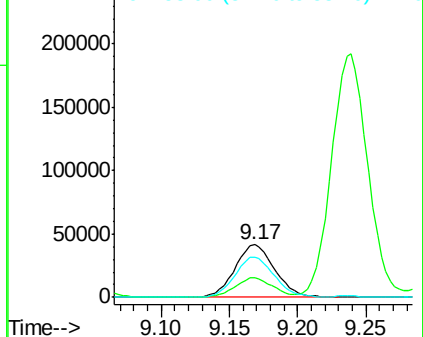
#49
 1,4-Dioxane
 Concen: 2412.633 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tgt Ion: 88 Resp: 84356
 Ion Ratio Lower Upper
 88 100
 43 34.4 29.5 44.3
 58 75.2 59.8 89.8

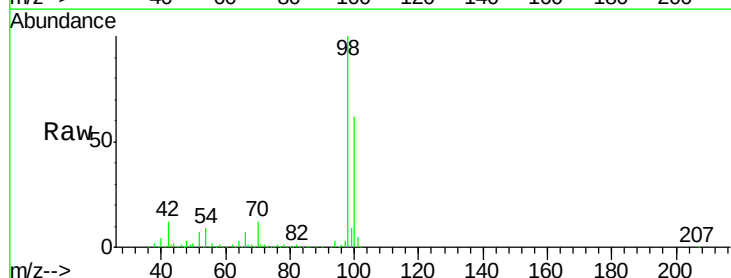


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

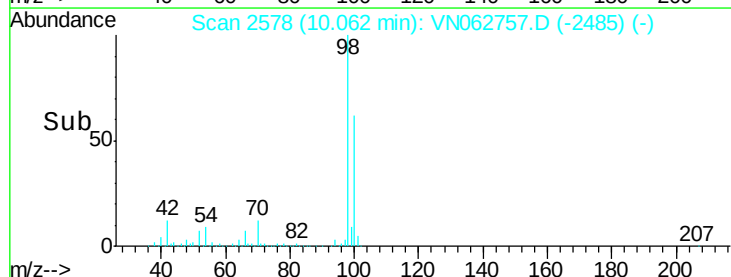
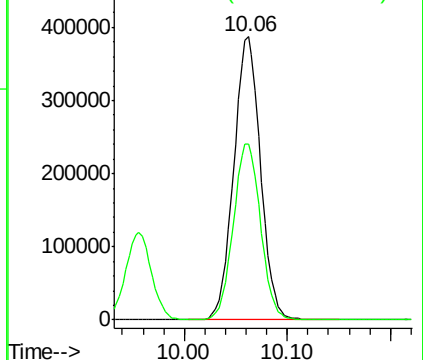


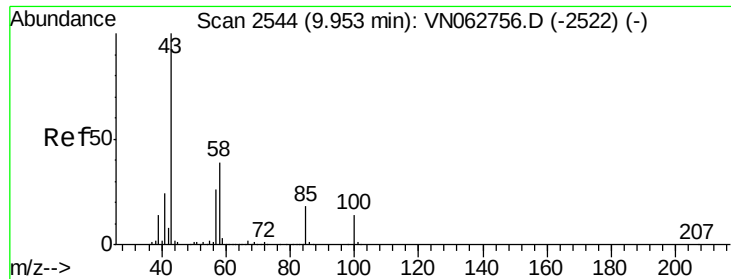
#50
 Toluene-d8
 Concen: 105.938 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 98 Resp: 698872
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

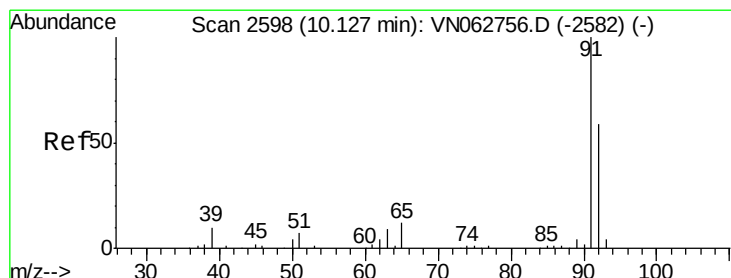
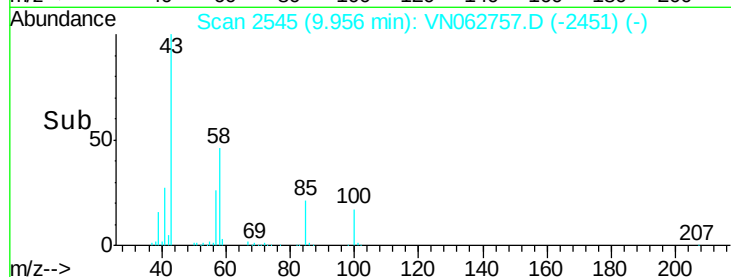
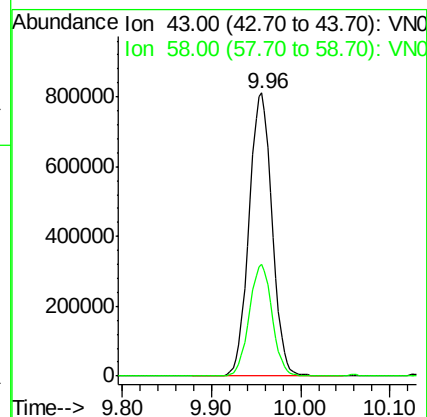
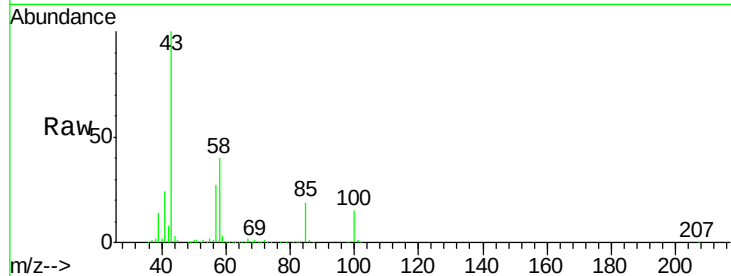




#51
 4-Methyl-2-Pentanone
 Concen: 525.486 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

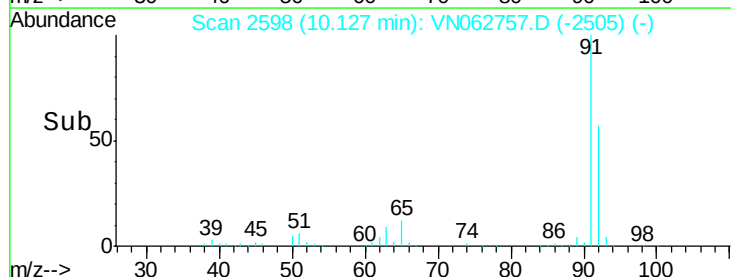
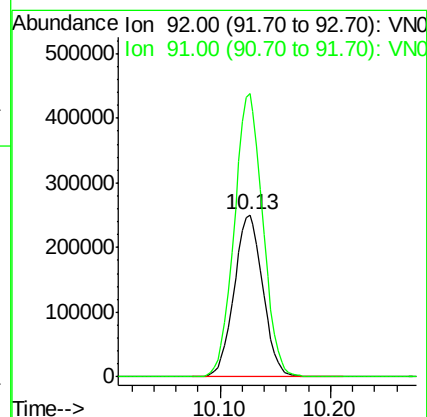
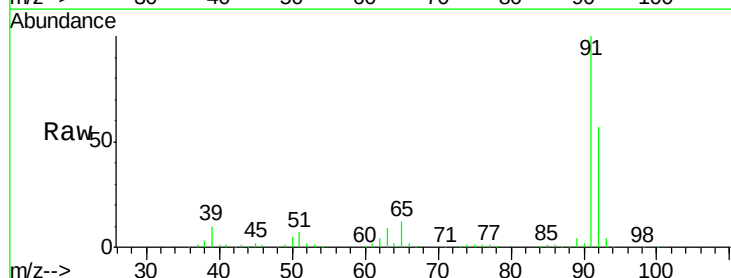
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

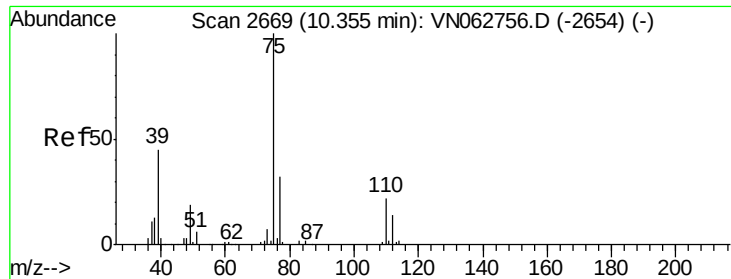
Tgt Ion: 43 Resp: 1457732
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.1 46.7



#52
 Toluene
 Concen: 96.899 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 92 Resp: 451343
 Ion Ratio Lower Upper
 92 100
 91 174.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 105.233 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

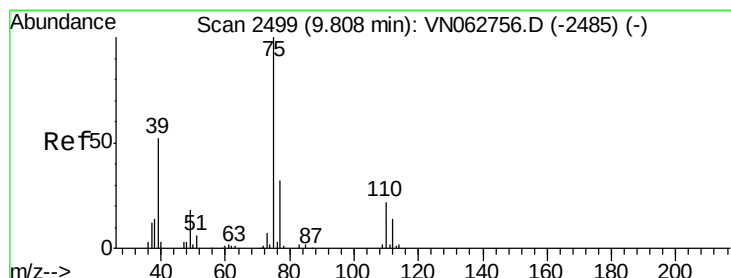
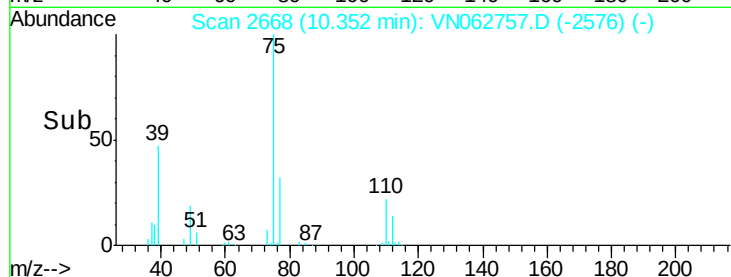
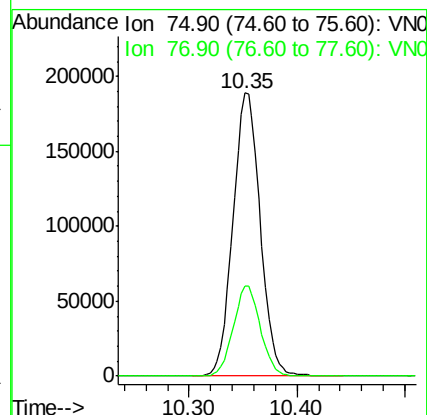
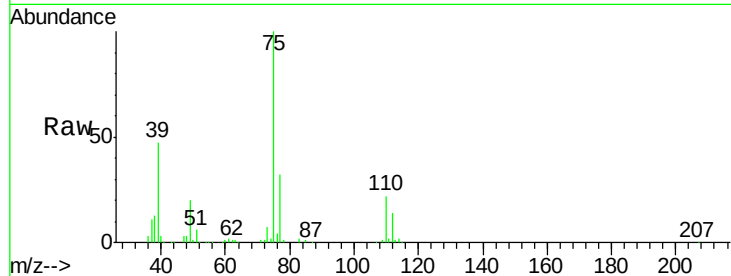
VSTDIC100

Tgt Ion: 75 Resp: 333769

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 98.442 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

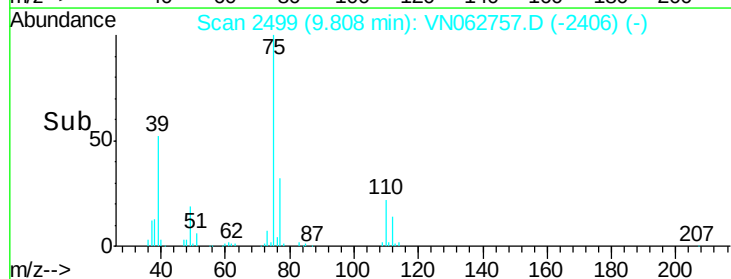
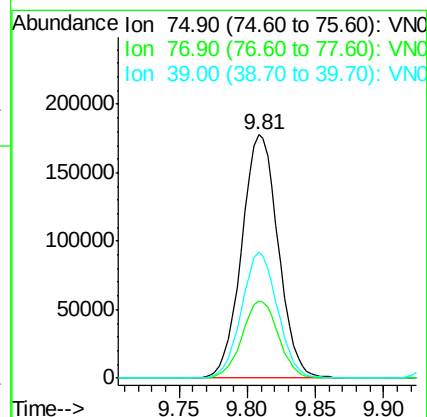
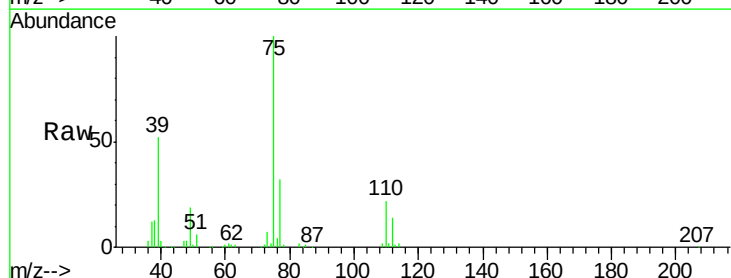
Tgt Ion: 75 Resp: 330293

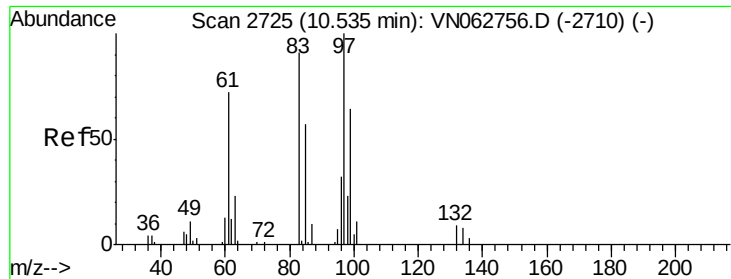
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 51.9 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 101.727 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 185717

Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.6	108.8
85	55.4	46.0	69.0
99	62.1	51.1	76.7

Abundance

Ion 96.90 (96.60 to 97.60): VN0

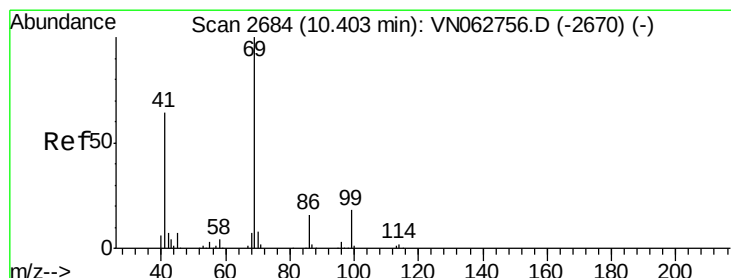
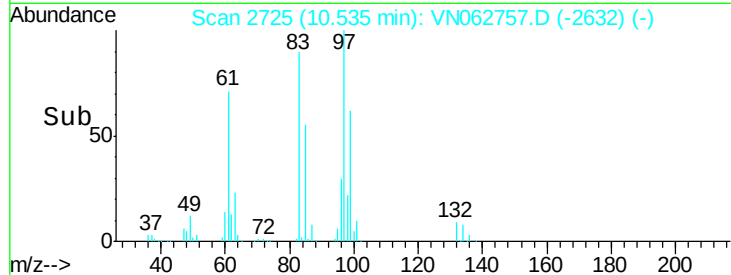
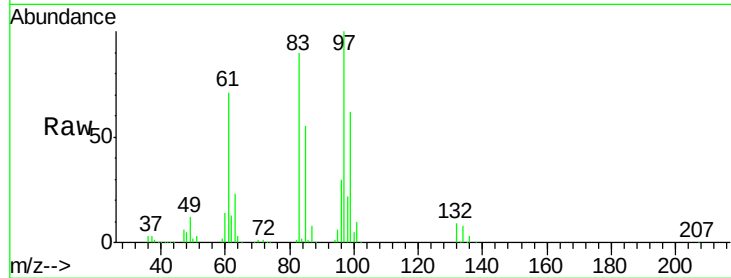
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.53

Time-->



#56

Ethyl methacrylate

Concen: 109.925 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Tgt Ion: 69 Resp: 320127

Ion	Ratio	Lower	Upper
69	100		
41	66.3	52.2	78.2
39	38.3	30.9	46.3

Abundance

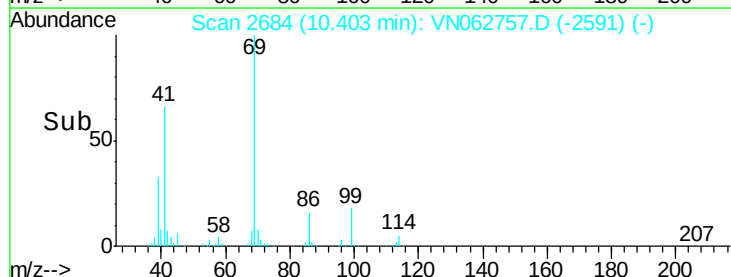
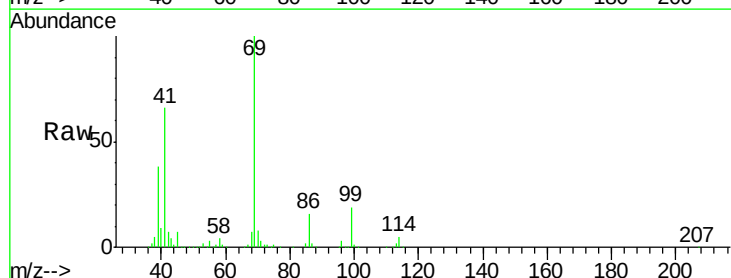
Ion 69.00 (68.70 to 69.70): VN0

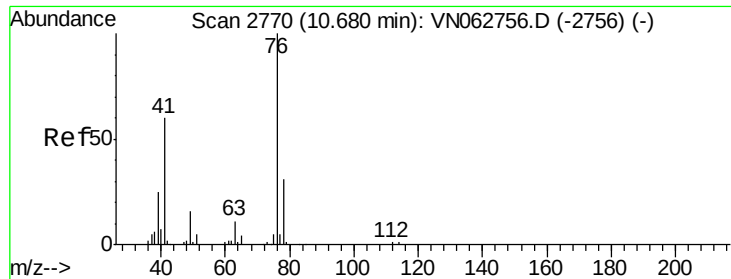
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.40

Time-->

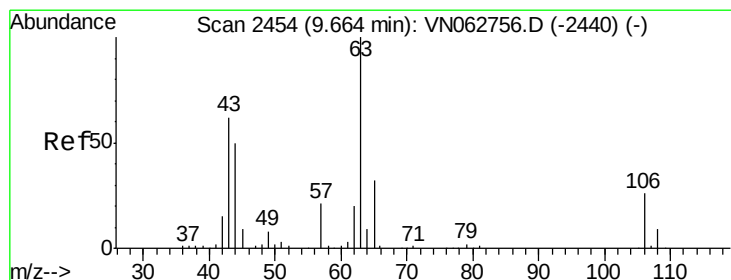
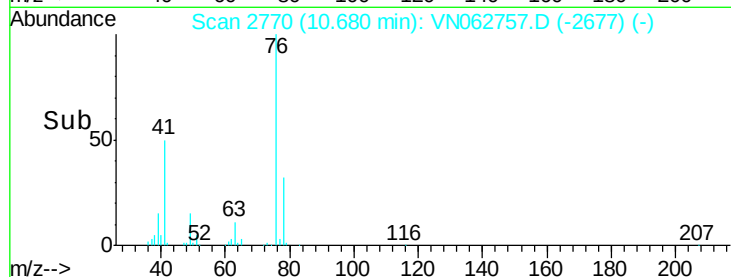
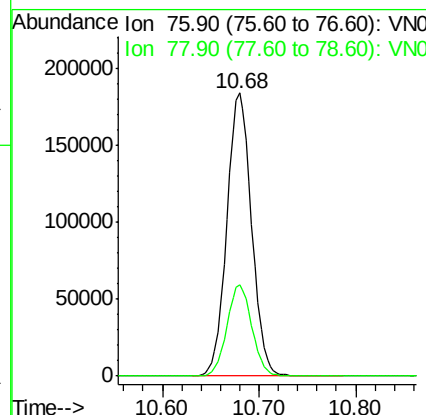
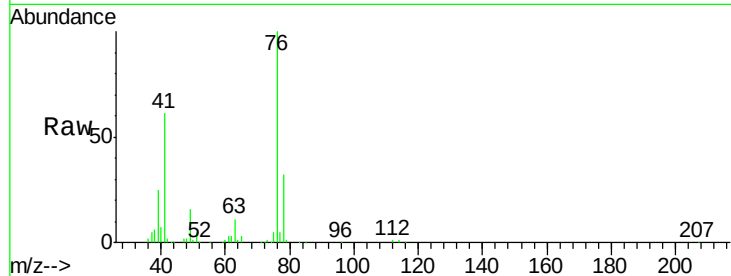




#57
 1,3-Dichloropropane
 Concen: 98.260 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

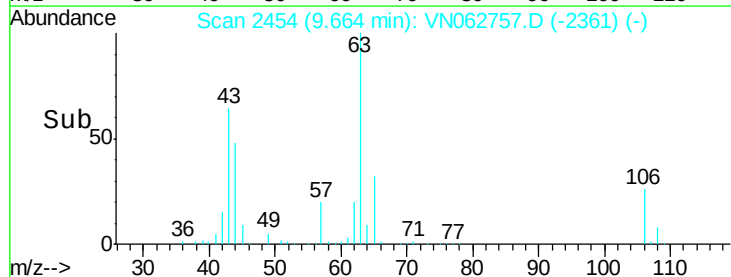
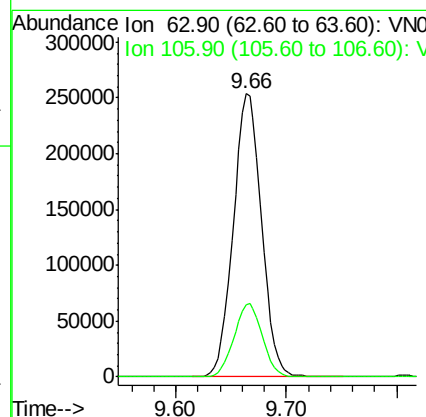
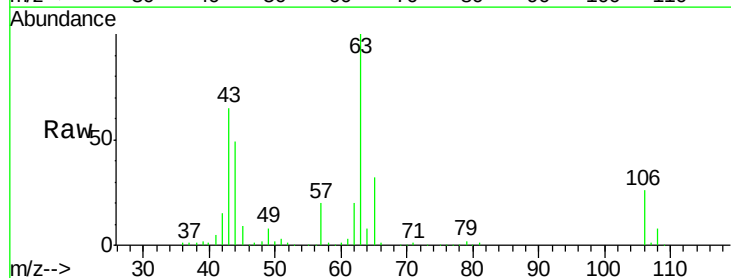
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

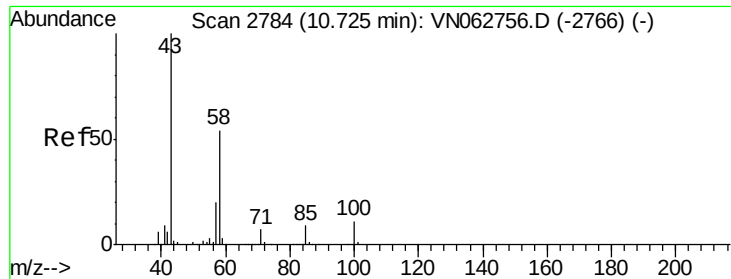
Tgt Ion: 76 Resp: 326923
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 547.098 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 63 Resp: 449135
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3

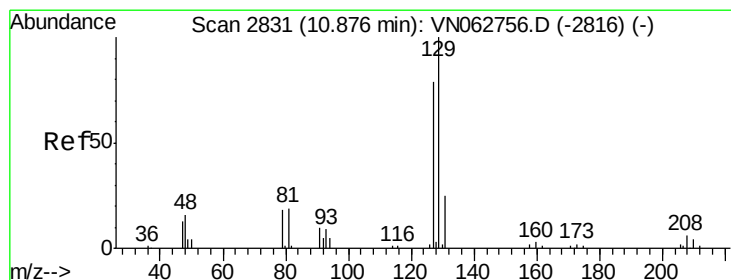
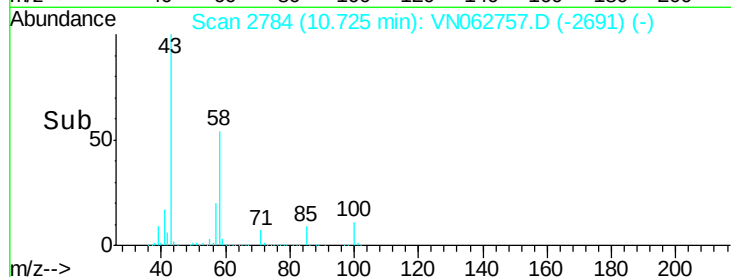
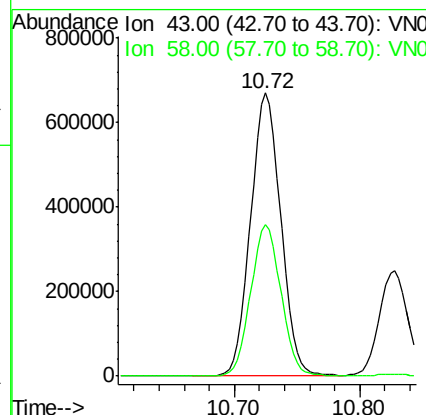
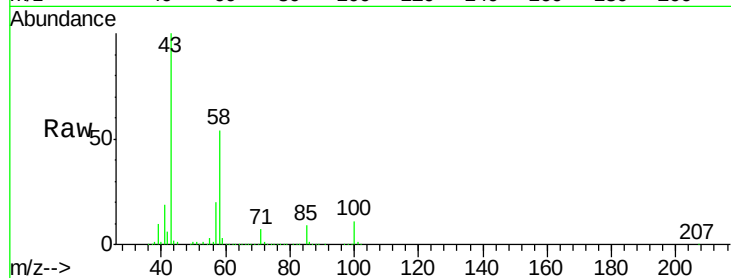




#59
2-Hexanone
Concen: 567.856 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

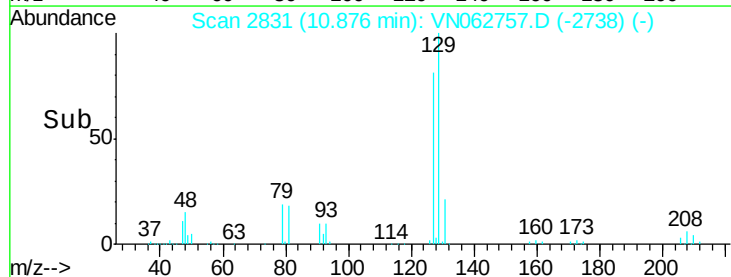
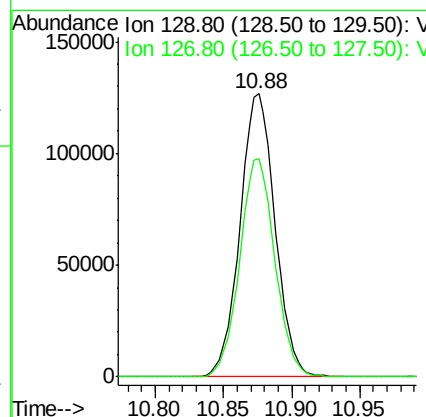
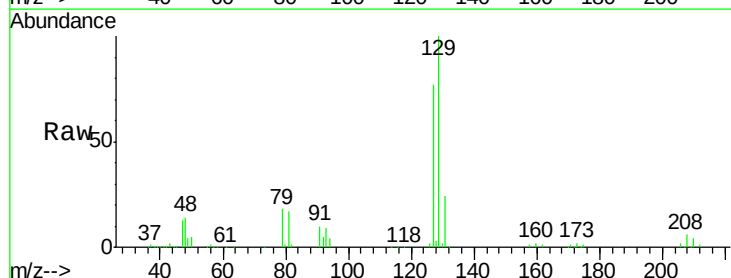
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

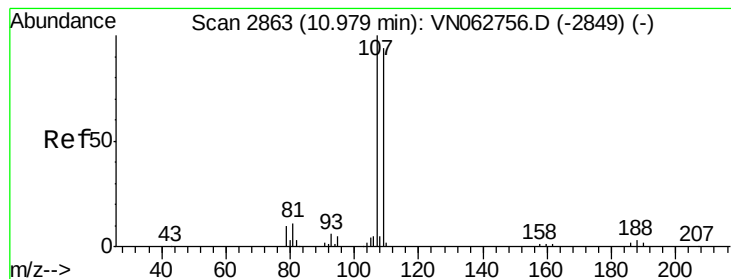
Tgt Ion: 43 Resp: 1126169
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1



#60
Dibromochloromethane
Concen: 109.953 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion: 129 Resp: 225989
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 102.342 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

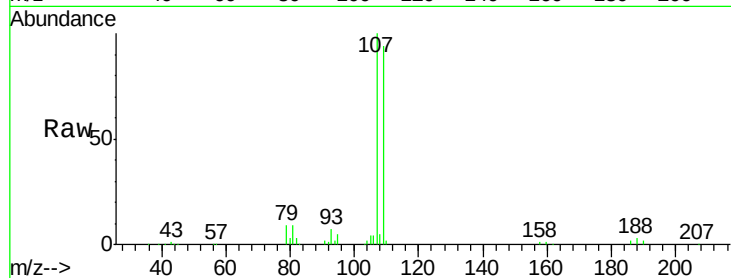
VSTDIC100

Tgt Ion: 107 Resp: 193954

Ion Ratio Lower Upper

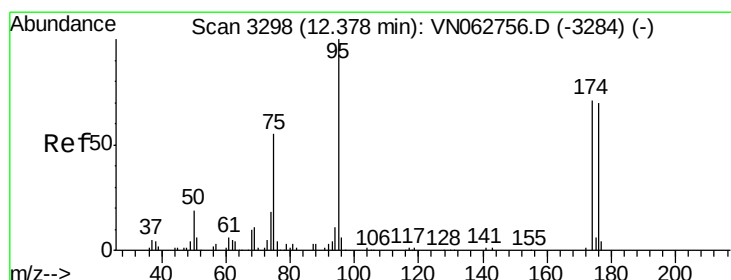
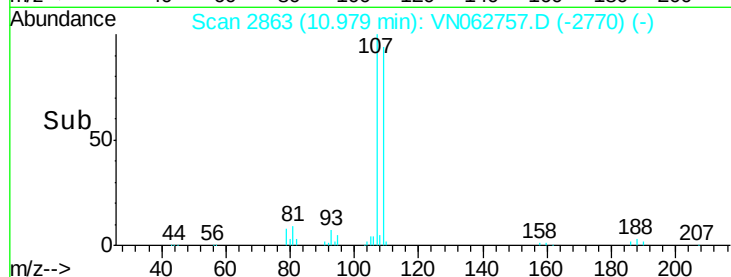
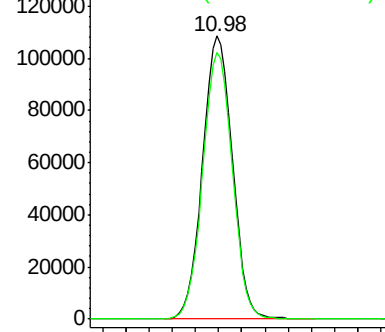
107 100

109 93.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 113.407 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

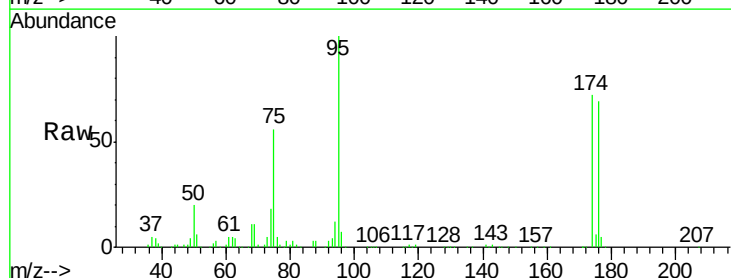
Tgt Ion: 95 Resp: 275448

Ion Ratio Lower Upper

95 100

174 72.2 0.0 144.8

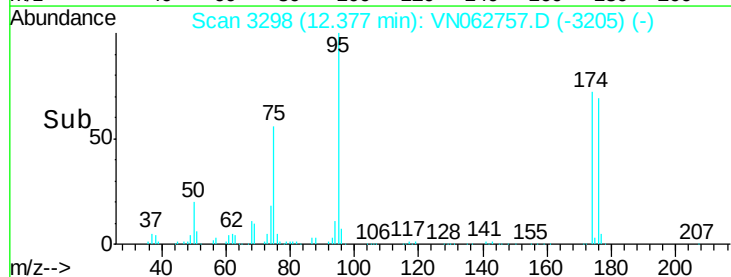
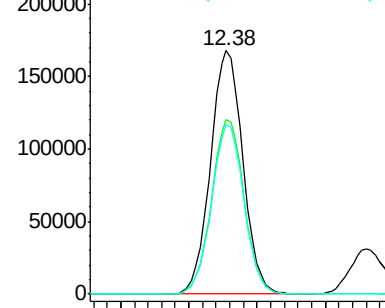
176 69.9 0.0 142.2

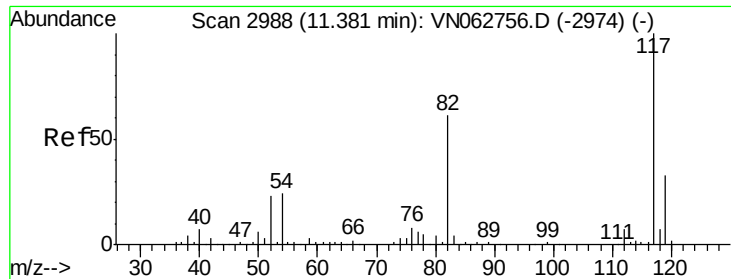


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

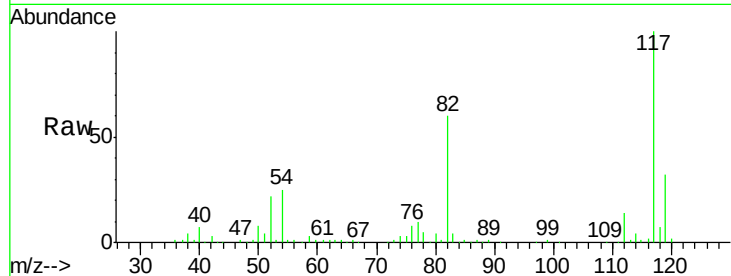




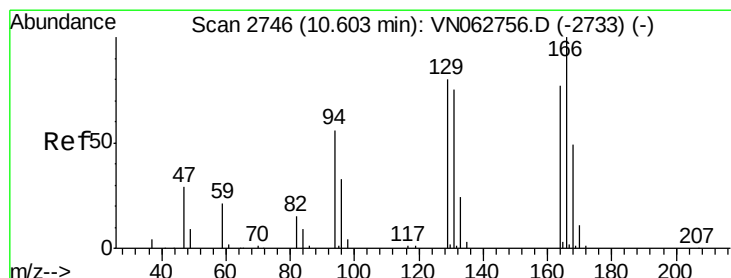
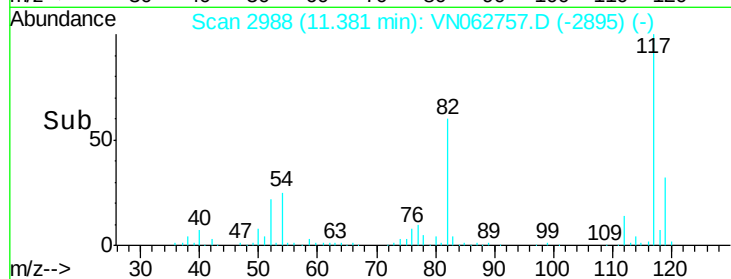
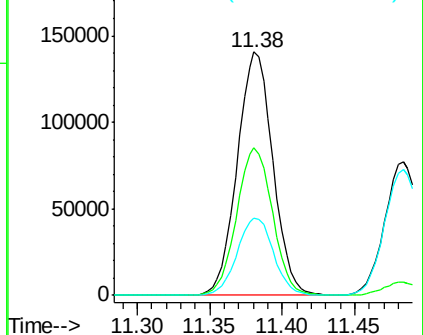
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 241065
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 31.7 26.2 39.2

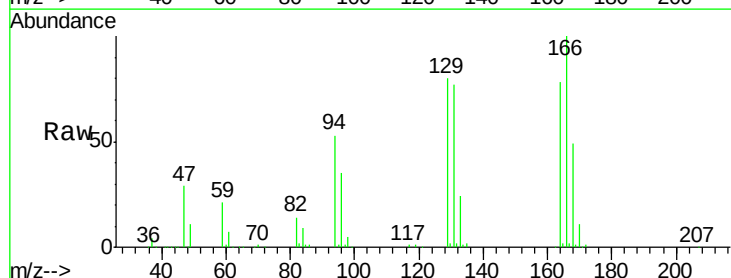


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

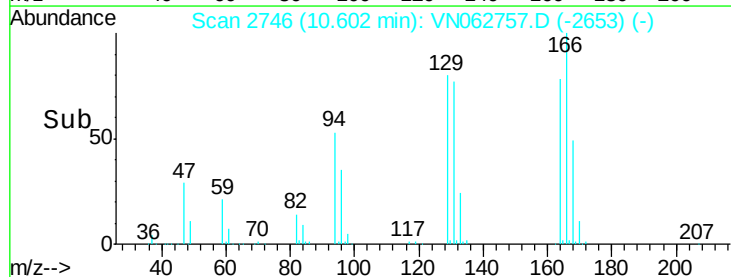
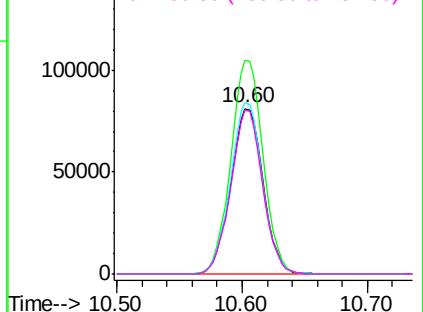


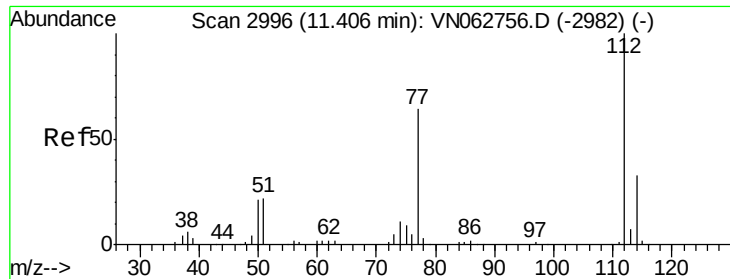
#64
Tetrachloroethene
Concen: 93.225 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion:164 Resp: 145853
Ion Ratio Lower Upper
164 100
166 128.9 103.8 155.8
129 103.6 82.7 124.1
131 98.8 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

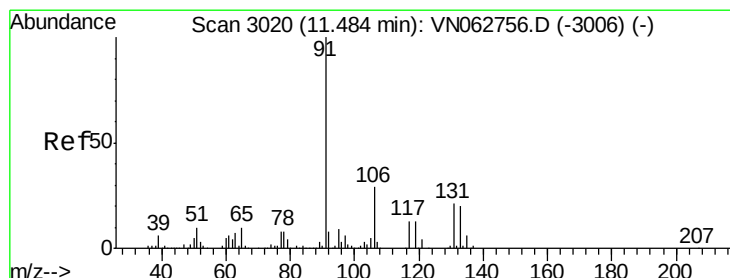
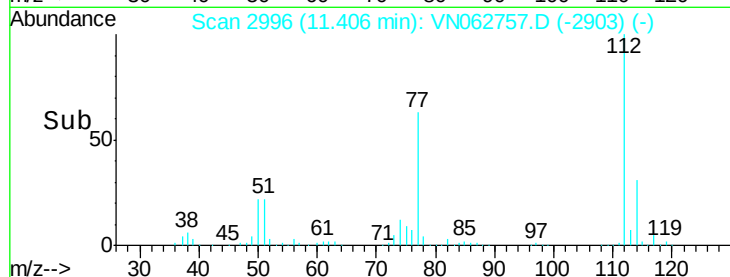
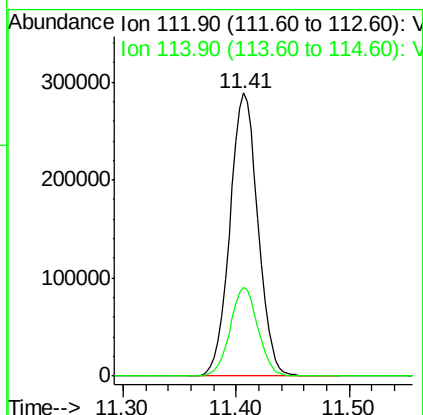
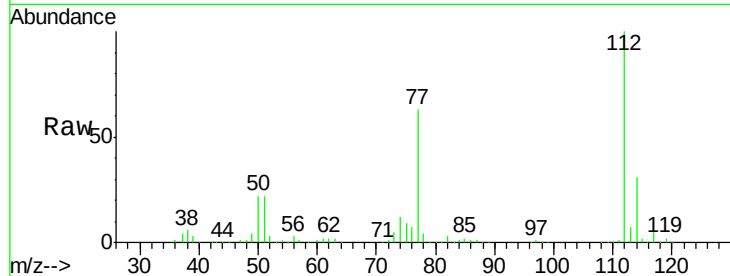




#65
Chlorobenzene
Concen: 98.839 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

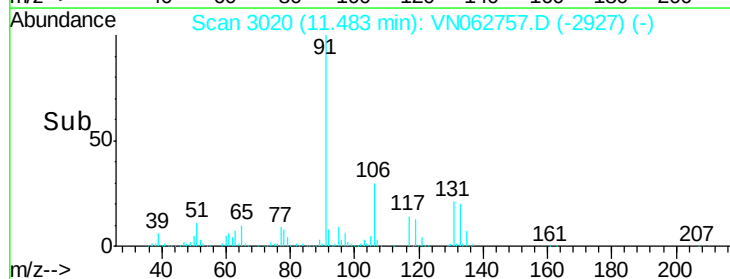
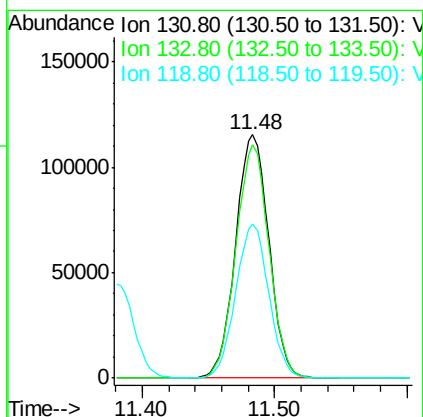
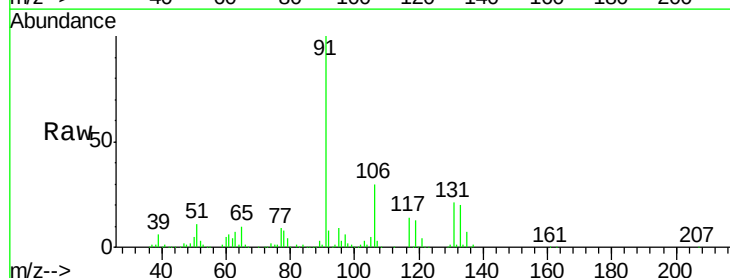
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

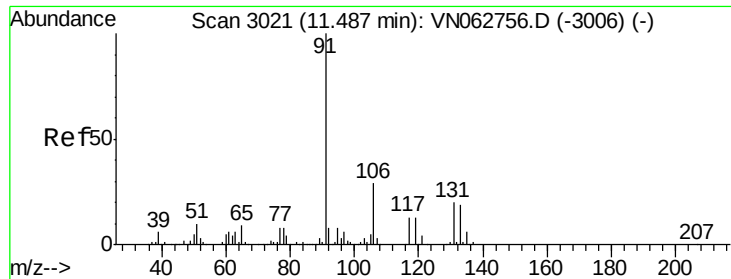
Tgt Ion:112 Resp: 498371
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 104.609 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion:131 Resp: 201492
Ion Ratio Lower Upper
131 100
133 95.3 48.6 145.8
119 62.9 32.2 96.6





#67

Ethyl Benzene

Concen: 101.314 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

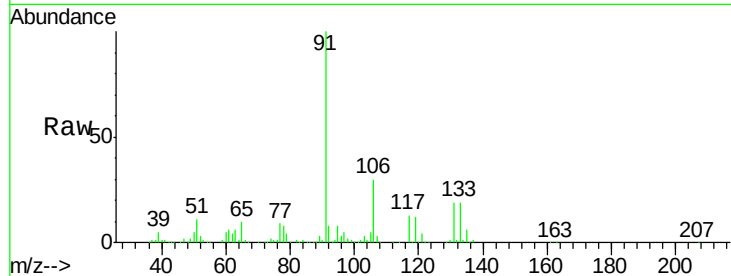
VSTDIC100

Tgt Ion: 91 Resp: 936036

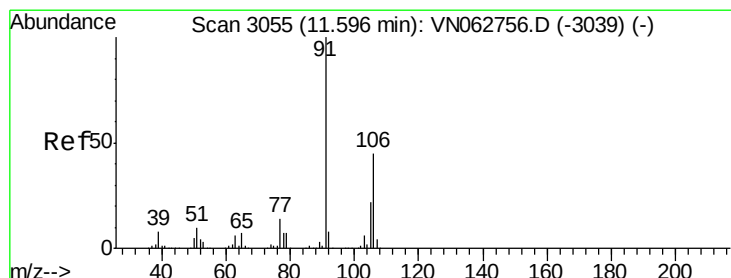
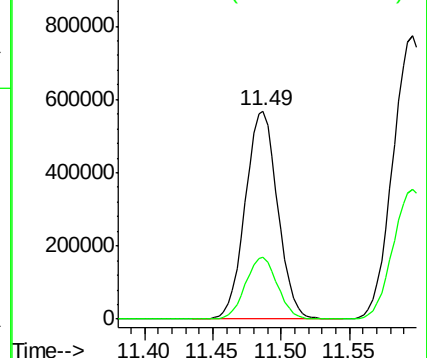
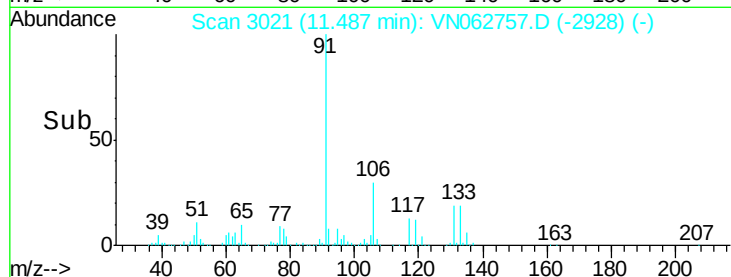
Ion Ratio Lower Upper

91 100

106 29.6 23.2 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062757.D (-2928) (-)



#68

m/p-Xylenes

Concen: 204.946 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062757.D

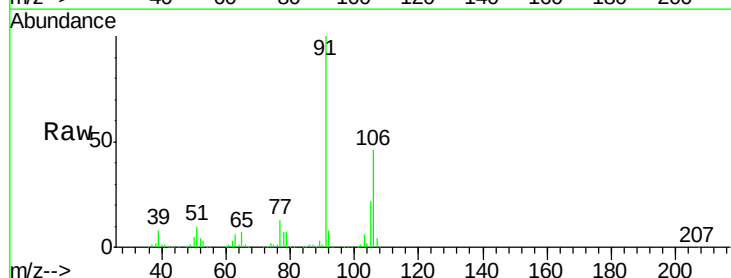
Acq: 5 Aug 2020 12:40

Tgt Ion: 106 Resp: 682289

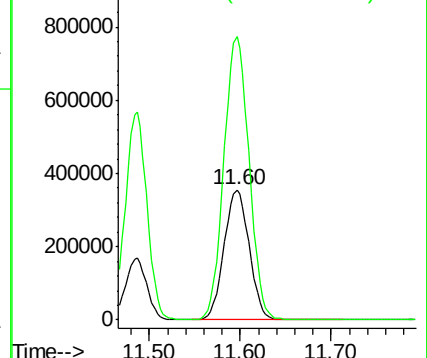
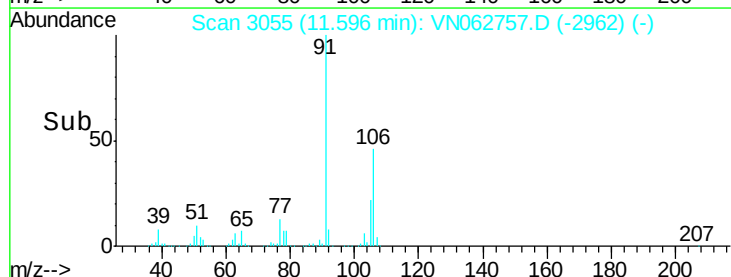
Ion Ratio Lower Upper

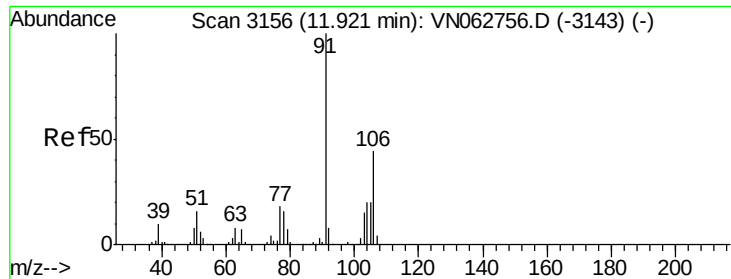
106 100

91 217.5 175.9 263.9



Abundance Ion 106.00 (105.70 to 106.70): VN062757.D (-2962) (-)

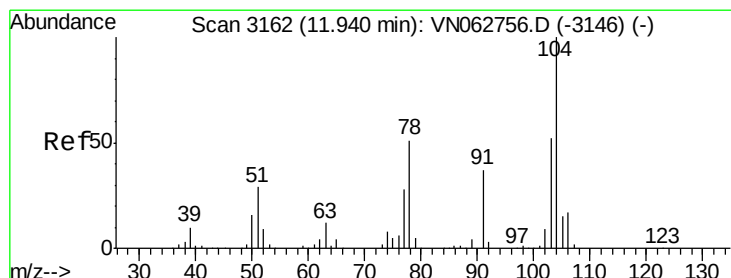
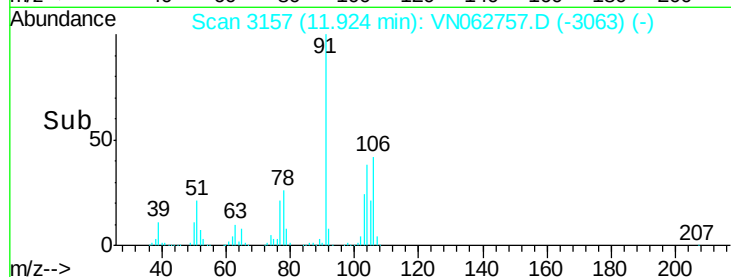
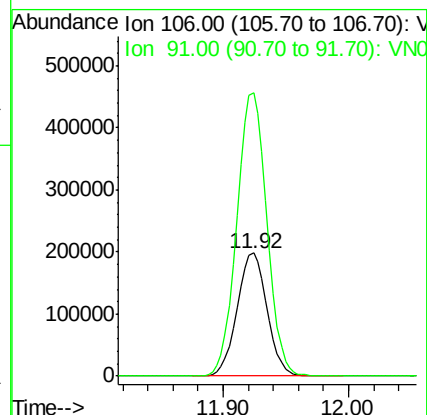
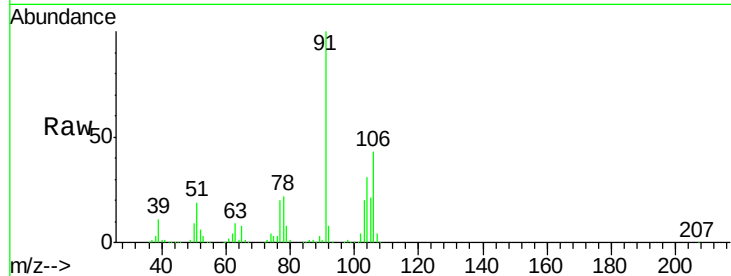




#69
o-Xylene
Concen: 103.709 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

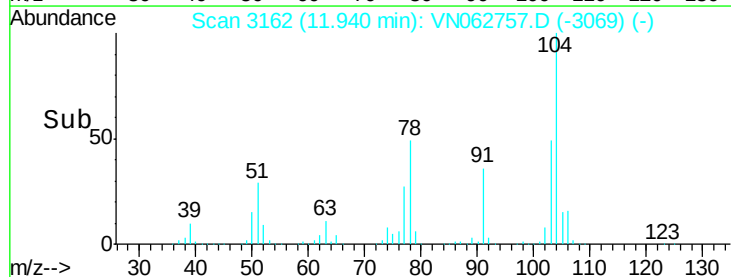
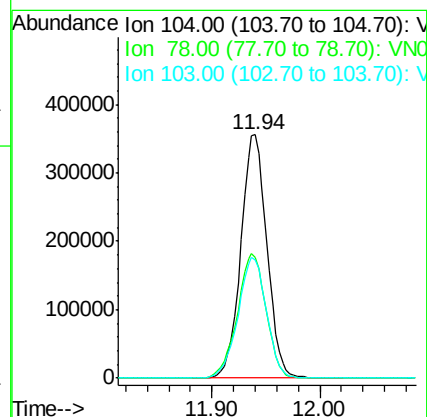
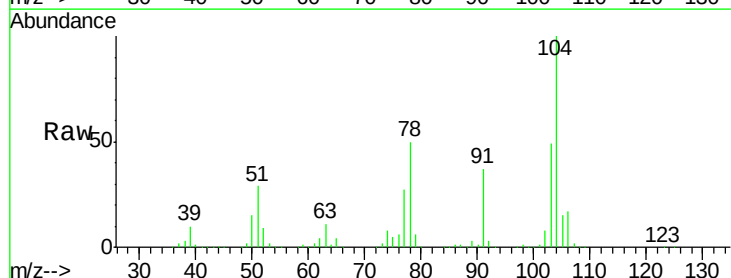
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

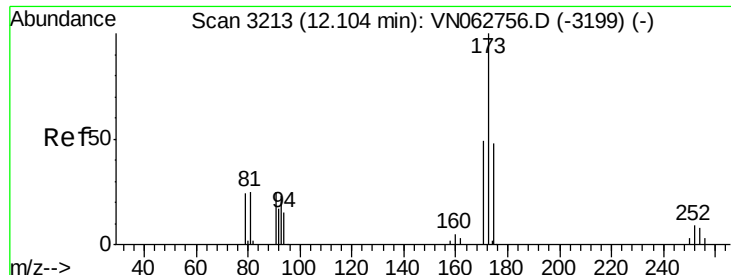
Tgt Ion:106 Resp: 328470
Ion Ratio Lower Upper
106 100
91 231.2 115.8 347.4



#70
Styrene
Concen: 111.685 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion:104 Resp: 599904
Ion Ratio Lower Upper
104 100
78 56.3 45.9 68.9
103 54.2 45.1 67.7





#71

Bromoform

Concen: 116.355 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

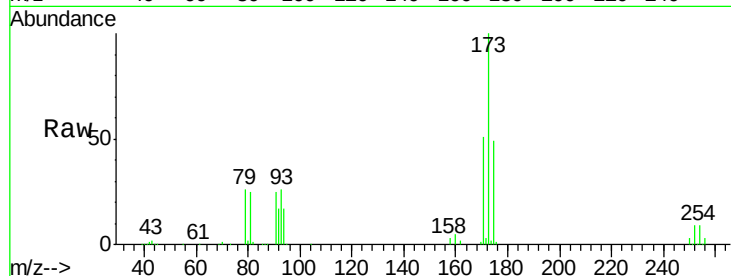
Tgt Ion:173 Resp: 170283

Ion Ratio Lower Upper

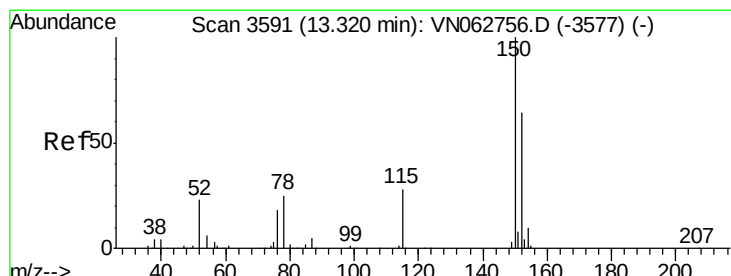
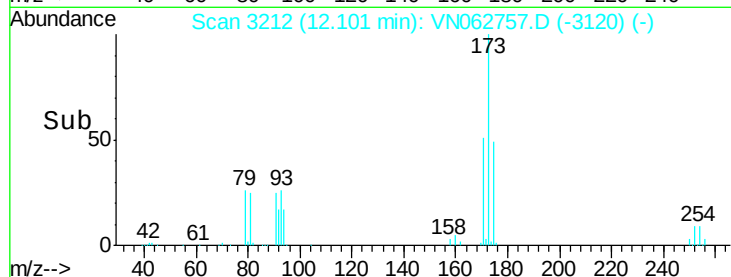
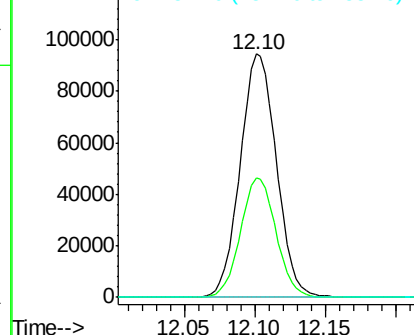
173 100

175 47.9 24.0 72.0

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: VN062757.D

Acq: 5 Aug 2020 12:40

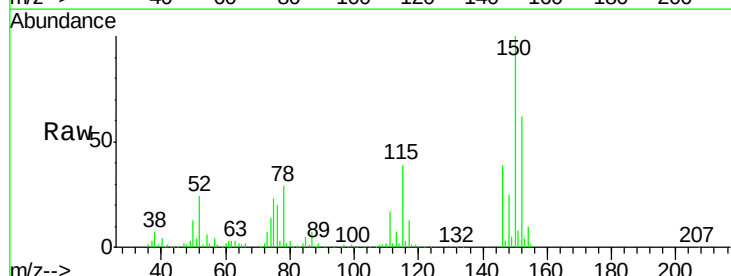
Tgt Ion:152 Resp: 127628

Ion Ratio Lower Upper

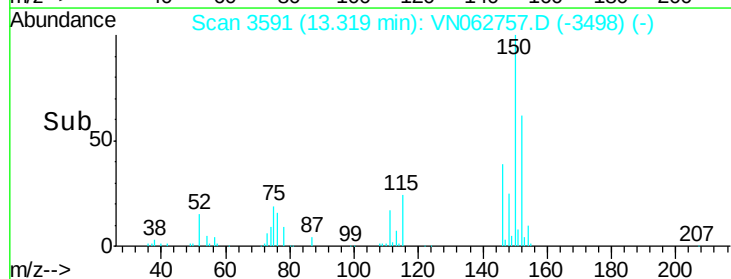
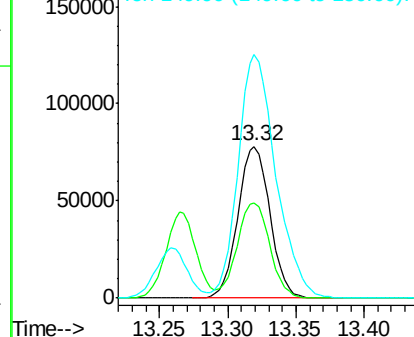
152 100

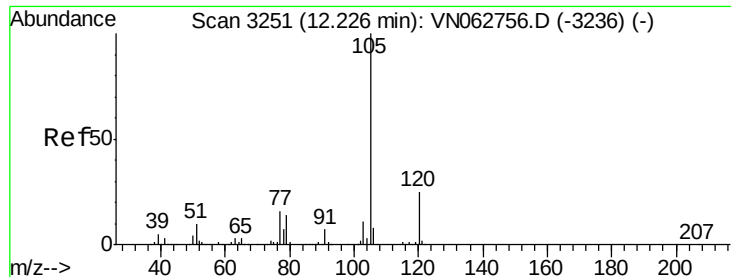
115 64.1 31.6 94.8

150 188.2 0.0 349.2



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

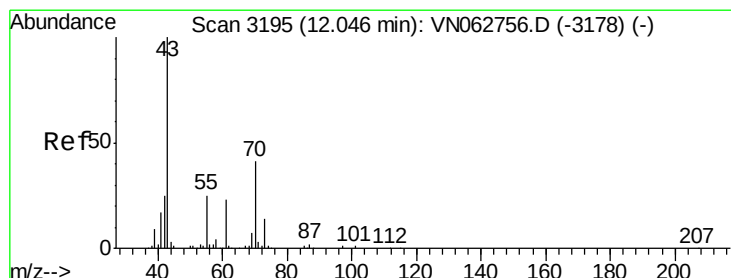
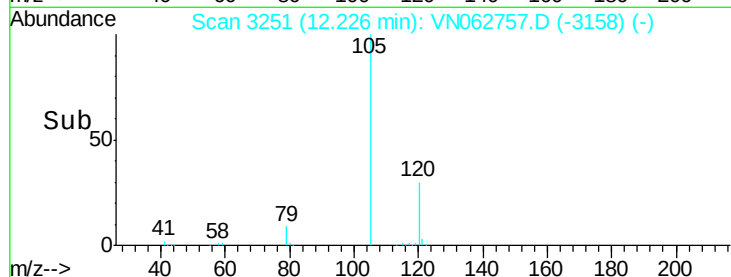
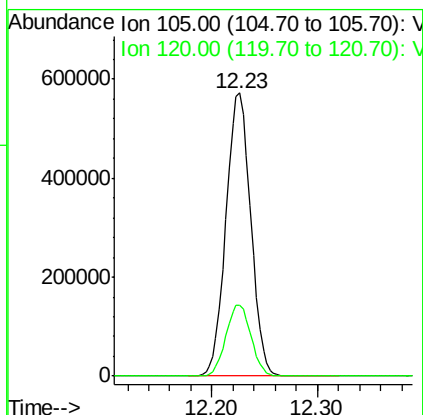
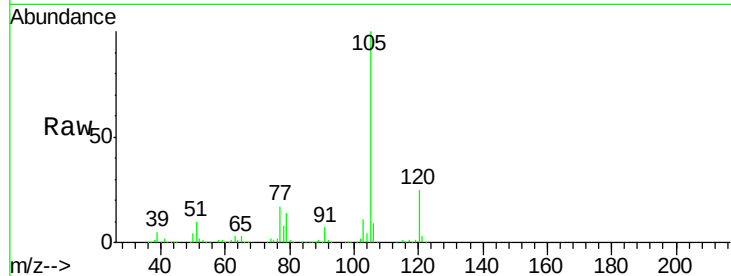




#73
Isopropylbenzene
Concen: 92.523 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

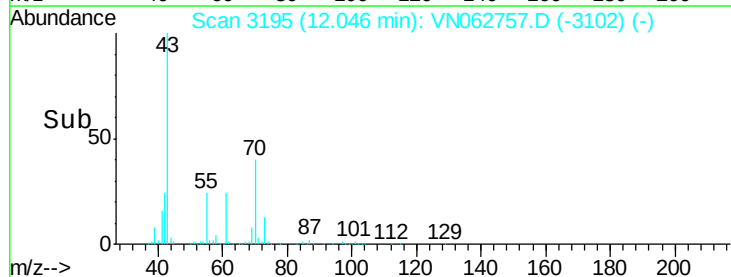
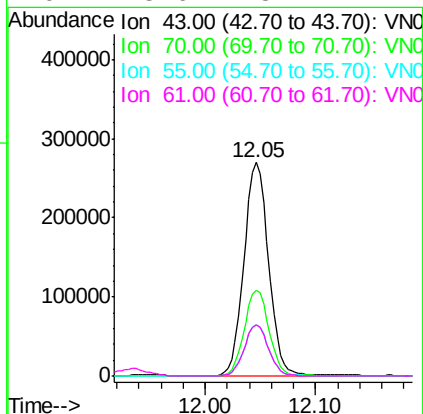
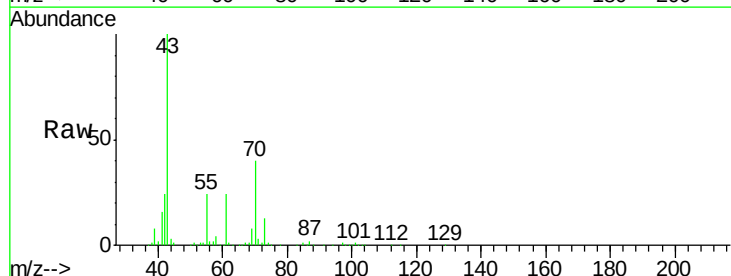
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

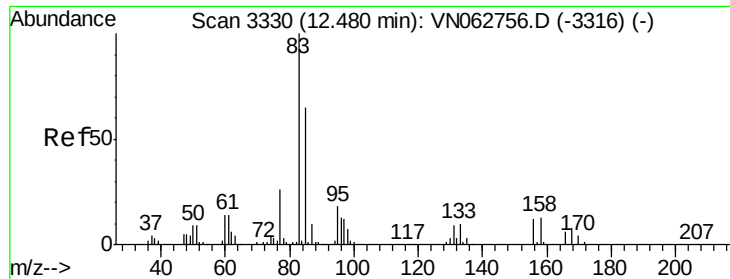
Tgt Ion: 105 Resp: 929723
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8



#74
N-ethyl acetate
Concen: 95.274 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion: 43 Resp: 418029
Ion Ratio Lower Upper
43 100
70 40.7 32.3 48.5
55 24.0 20.2 30.2
61 23.6 18.2 27.4

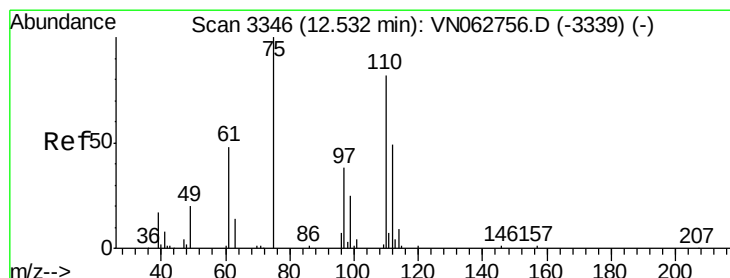
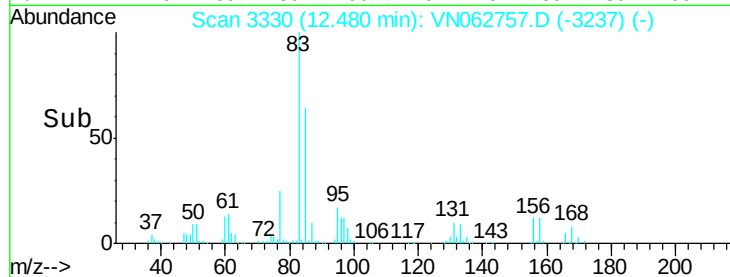
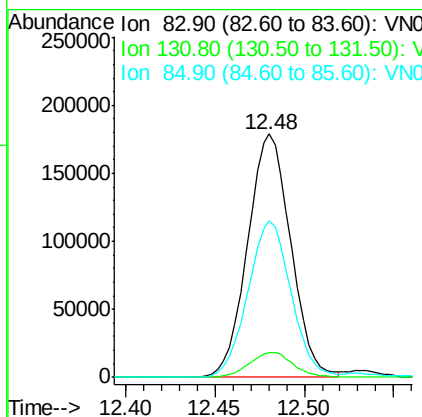
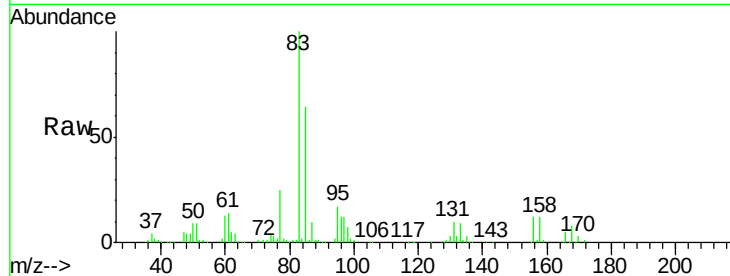




#75
 1,1,2,2-Tetrachloroethane
 Concen: 86.737 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

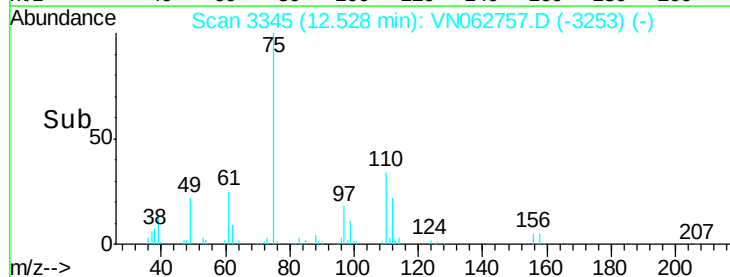
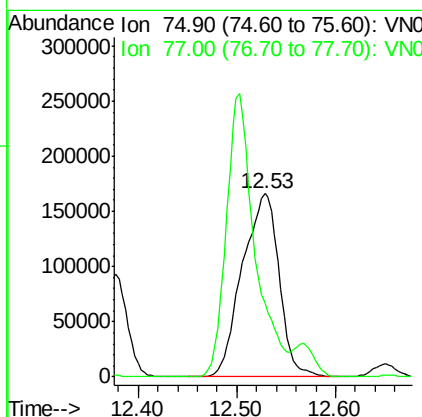
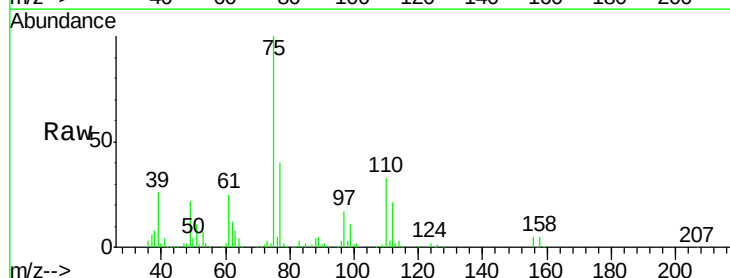
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

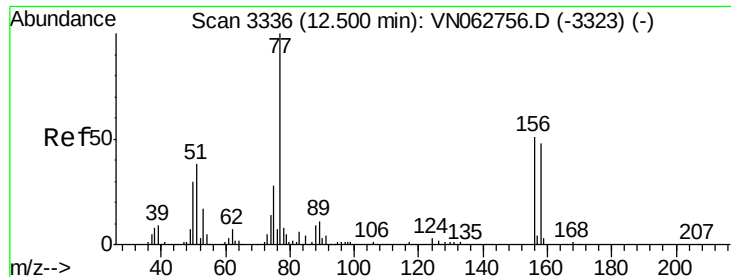
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.4
85	64.4	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 131.163 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 90.570 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

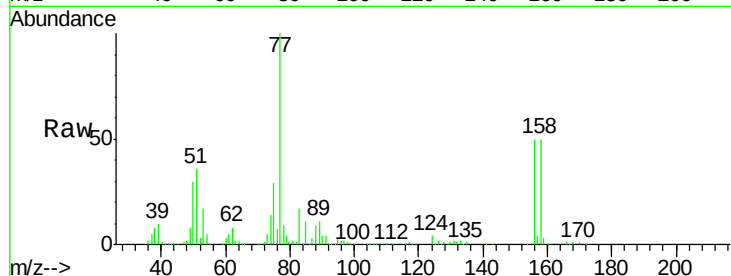
Tgt Ion:156 Resp: 219120

Ion Ratio Lower Upper

156 100

77 238.4 119.7 359.1

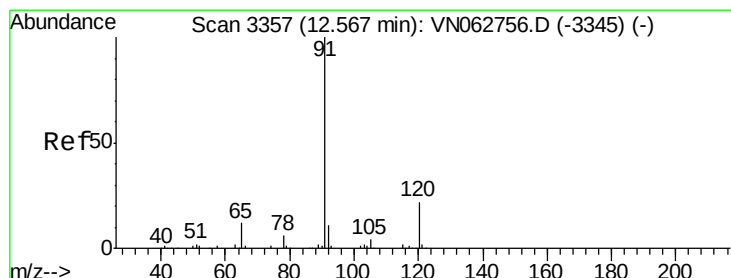
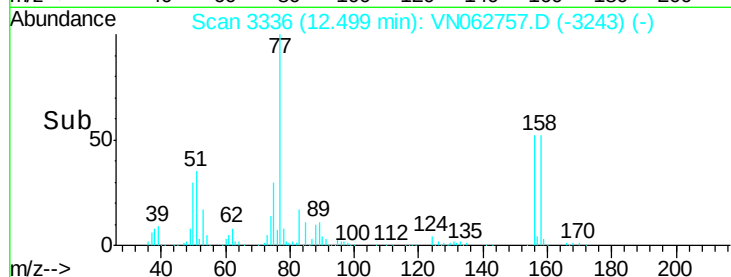
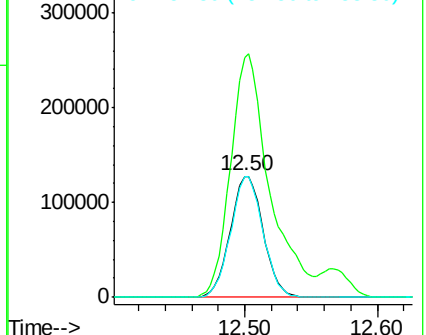
158 98.2 48.1 144.3



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: 94.690 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062757.D

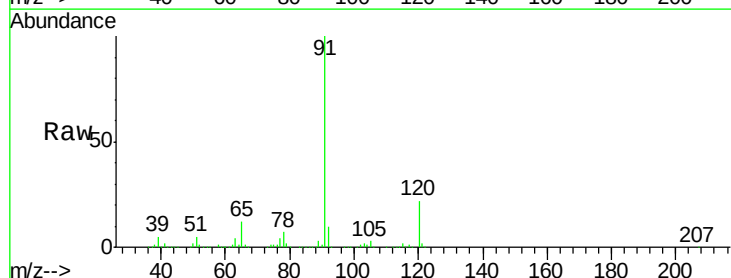
Acq: 5 Aug 2020 12:40

Tgt Ion: 91 Resp: 1112352

Ion Ratio Lower Upper

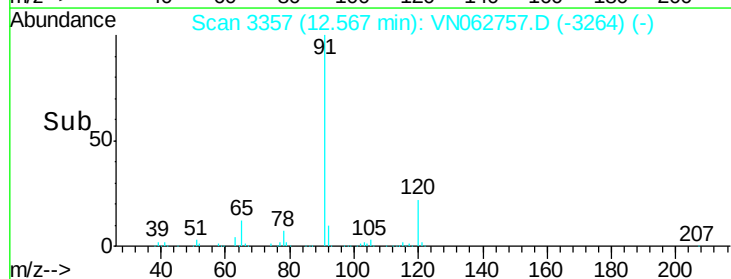
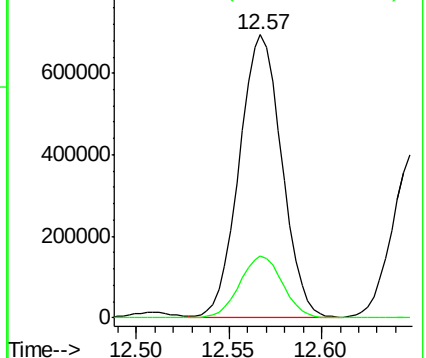
91 100

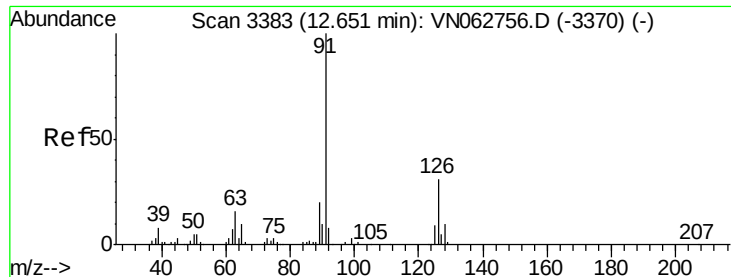
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 92.822 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

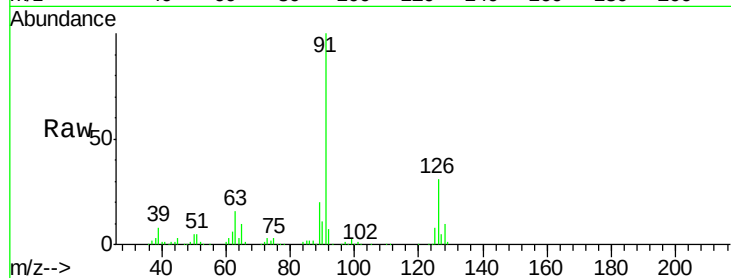
VSTDIC100

Tgt Ion: 91 Resp: 673672

Ion Ratio Lower Upper

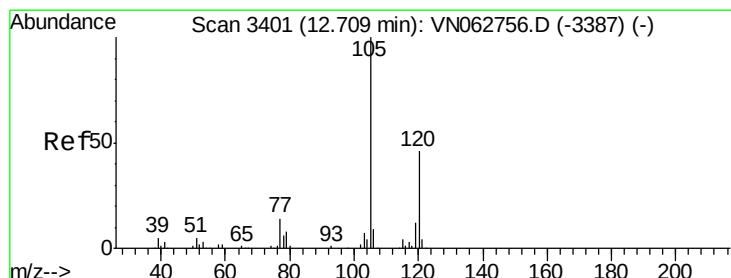
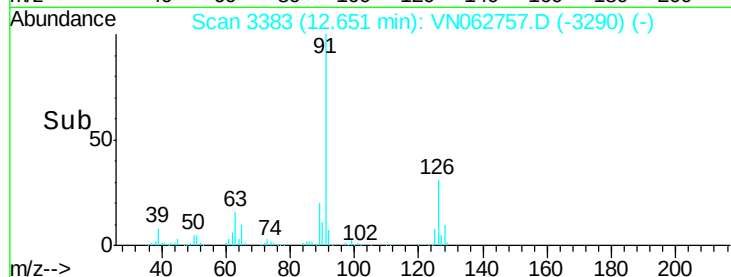
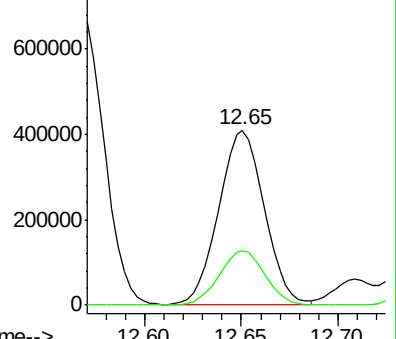
91 100

126 31.4 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062757.D (-3383) (-)

Ion 125.90 (125.60 to 126.60): VN062757.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 99.401 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062757.D

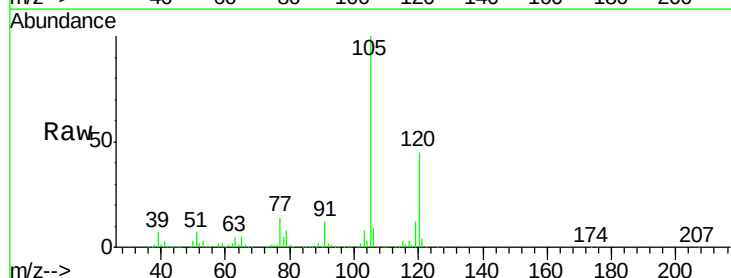
Acq: 5 Aug 2020 12:40

Tgt Ion: 105 Resp: 832320

Ion Ratio Lower Upper

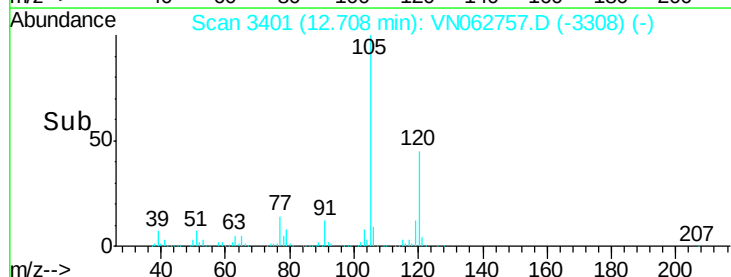
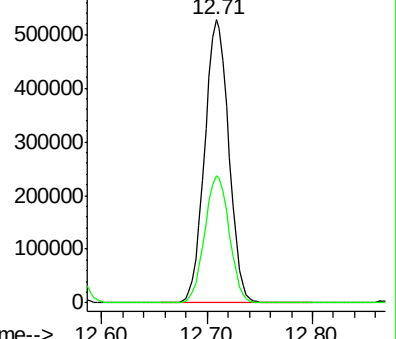
105 100

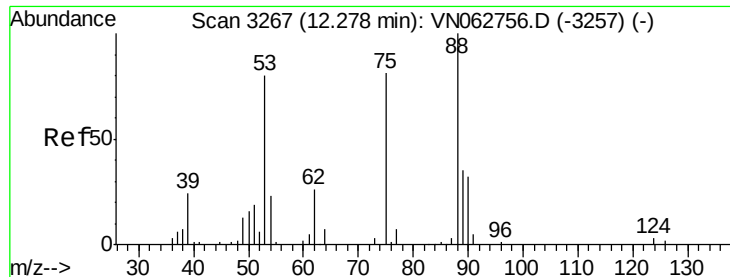
120 45.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062757.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062757.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 97.067 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

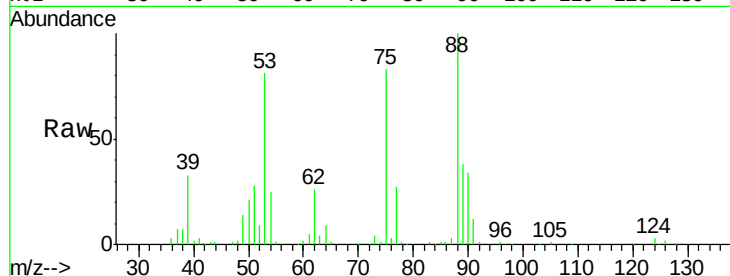
Tgt Ion: 75 Resp: 113299

Ion Ratio Lower Upper

75 100

53 100.5 79.1 118.7

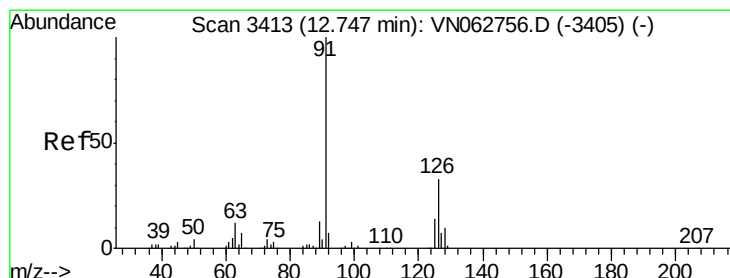
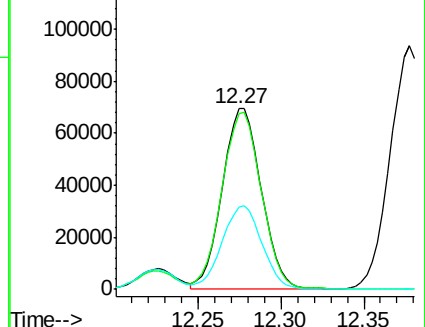
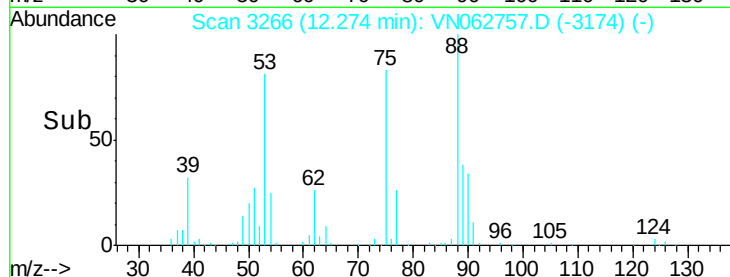
89 47.5 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN062757.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062757.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062757.D (-3174) (-)



#82

4-Chlorotoluene

Concen: 94.097 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062757.D

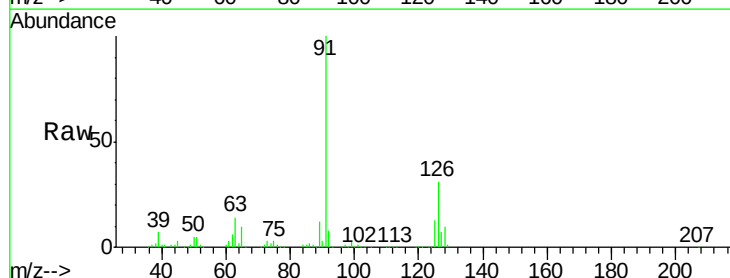
Acq: 5 Aug 2020 12:40

Tgt Ion: 91 Resp: 711345

Ion Ratio Lower Upper

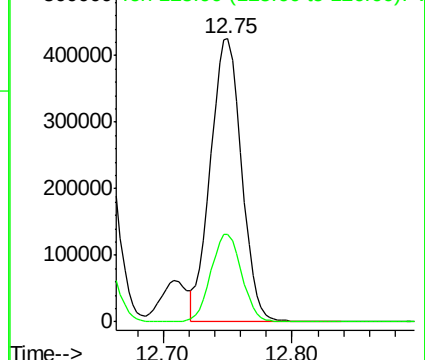
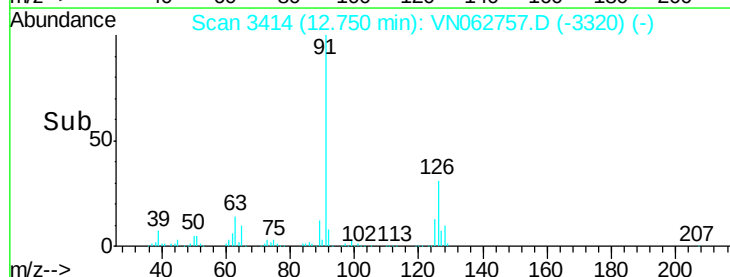
91 100

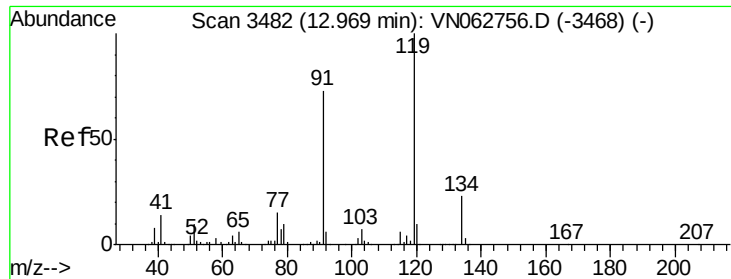
126 30.7 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN062757.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062757.D (-3320) (-)

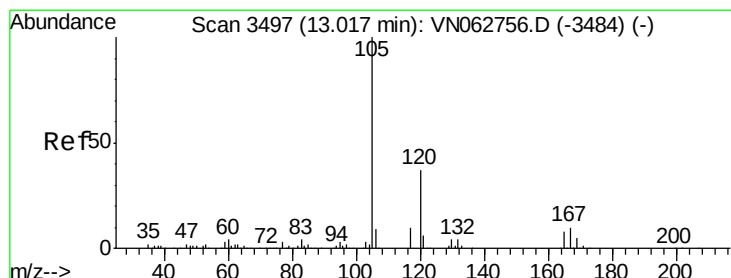
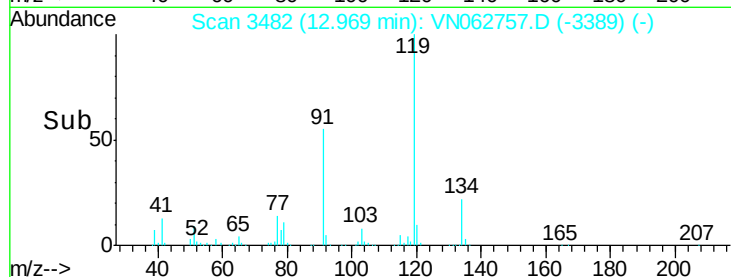
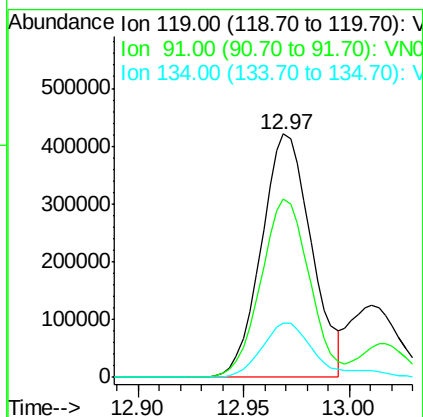
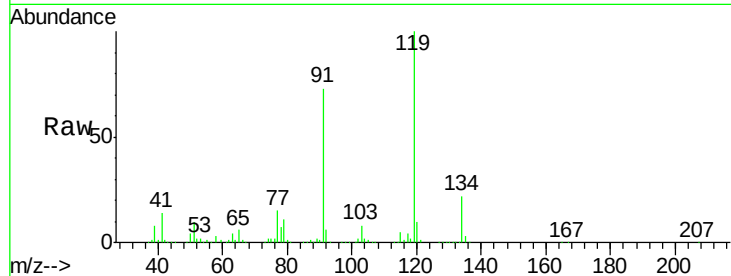




#83
 tert-Butylbenzene
 Concen: 99.618 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

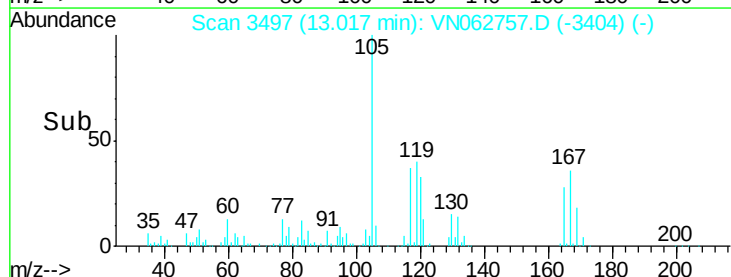
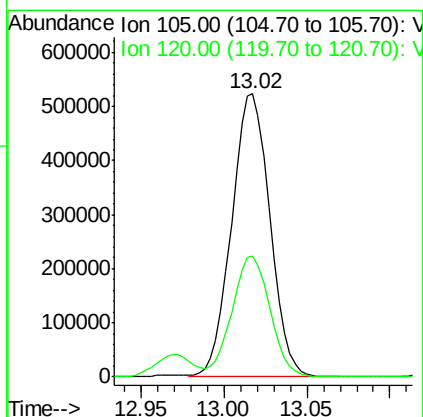
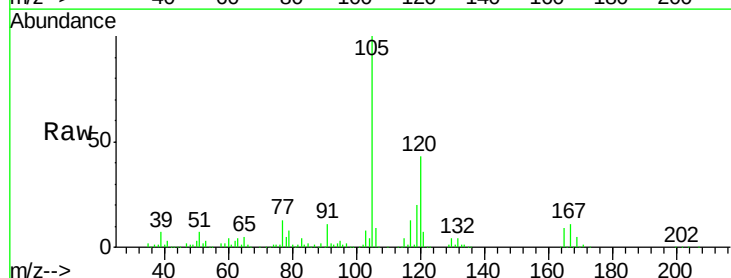
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

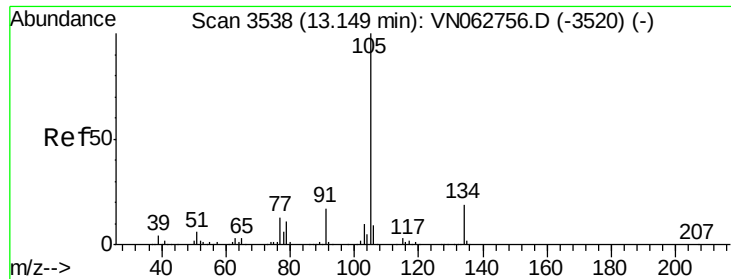
Tgt Ion:119 Resp: 693781
 Ion Ratio Lower Upper
 119 100
 91 71.5 36.5 109.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 101.827 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion:105 Resp: 836795
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.4 64.2





#85

sec-Butylbenzene

Concen: 100.185 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

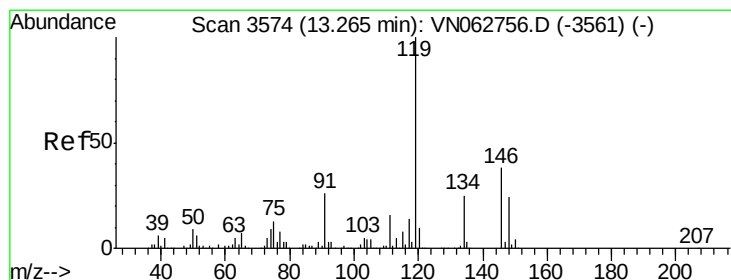
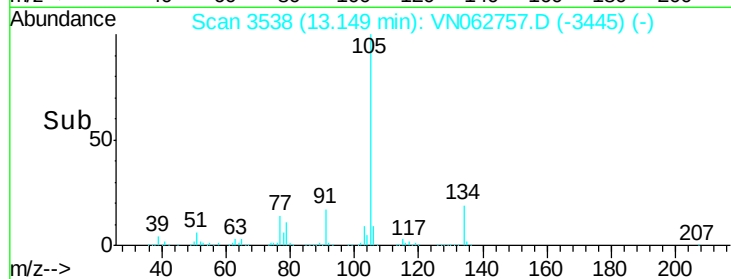
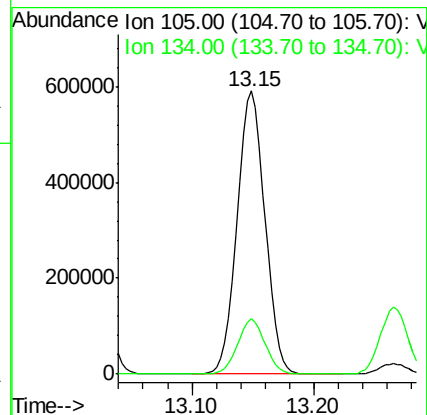
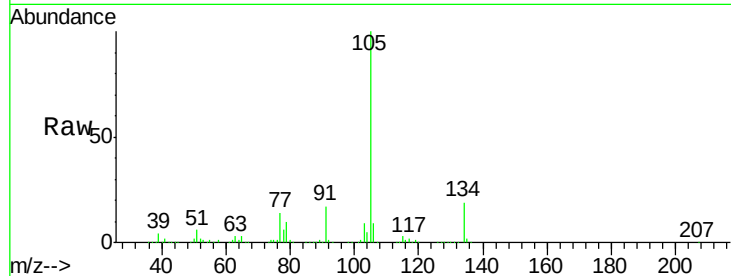
VSTDIC100

Tgt Ion:105 Resp: 933701

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 106.560 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062757.D

Acq: 5 Aug 2020 12:40

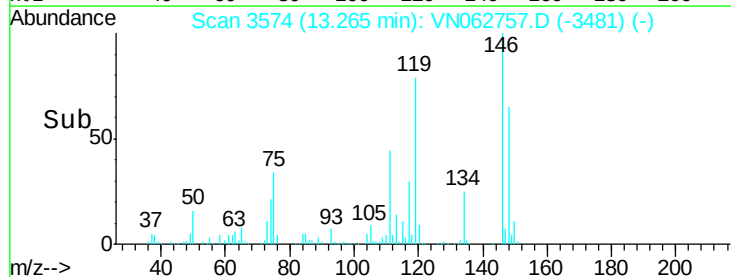
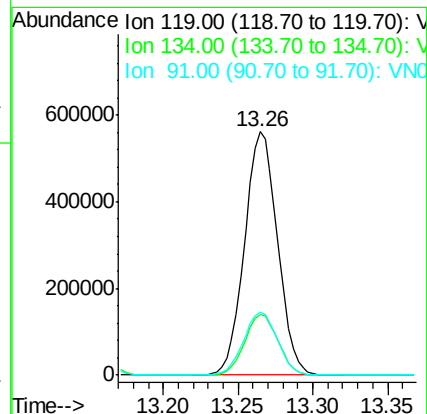
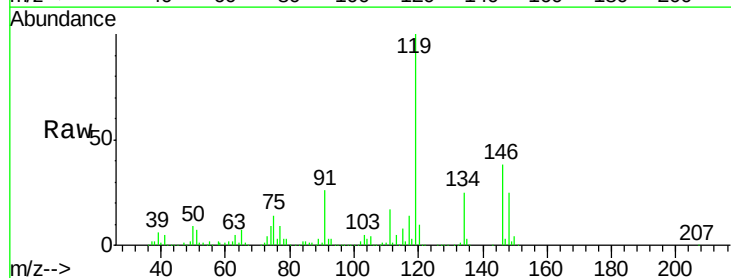
Tgt Ion:119 Resp: 859149

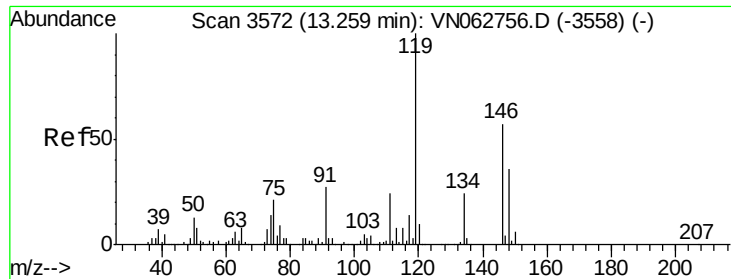
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 26.4 13.4 40.2

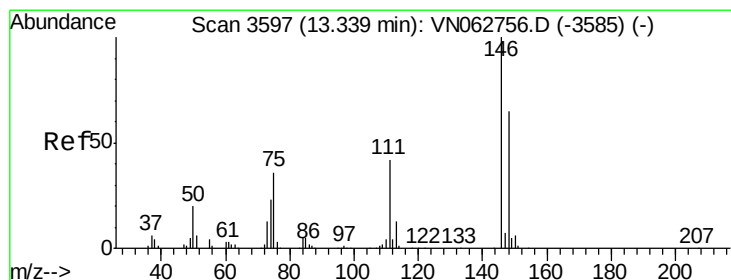
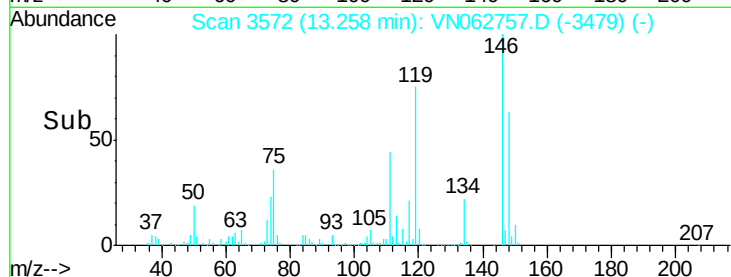
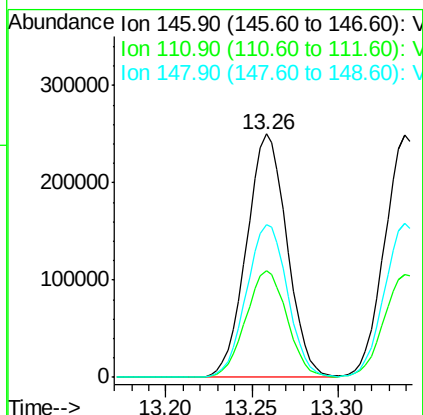
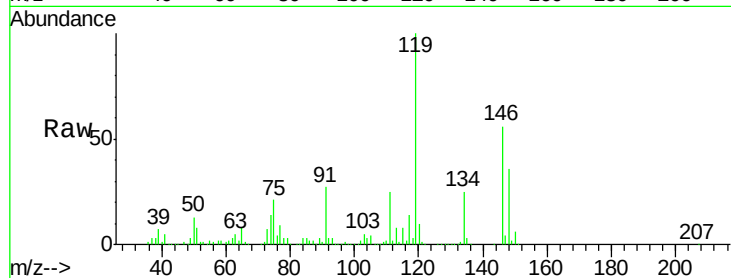




#87
 1,3-Dichlorobenzene
 Concen: 95.696 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

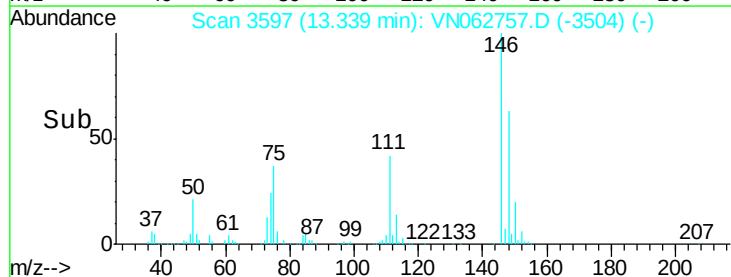
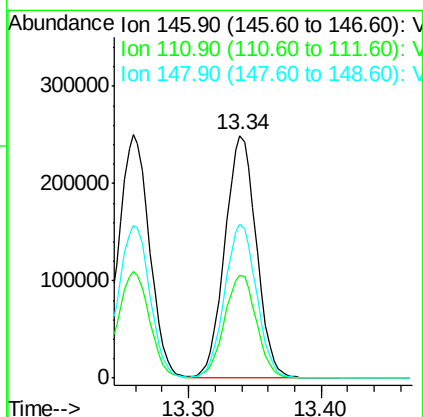
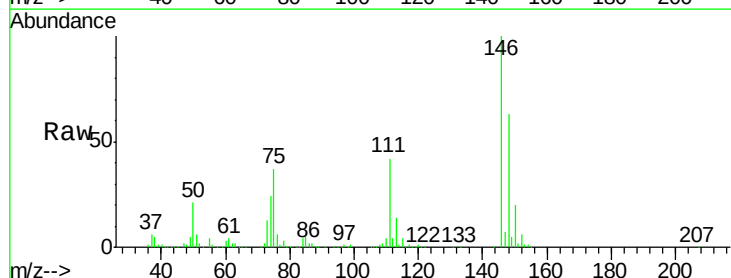
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

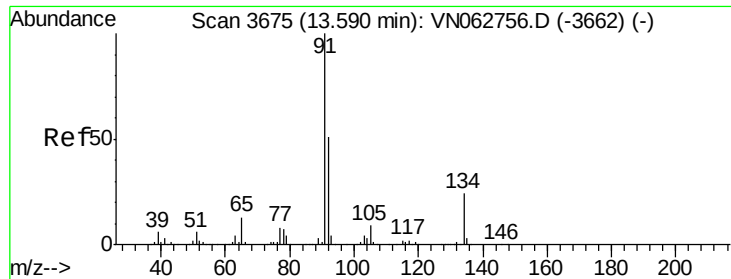
Tgt Ion:146 Resp: 409463
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.7 65.1
 148 63.8 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 97.974 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion:146 Resp: 411102
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 64.6
 148 63.8 32.6 97.8

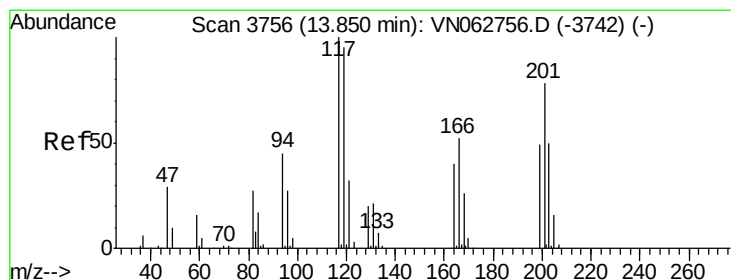
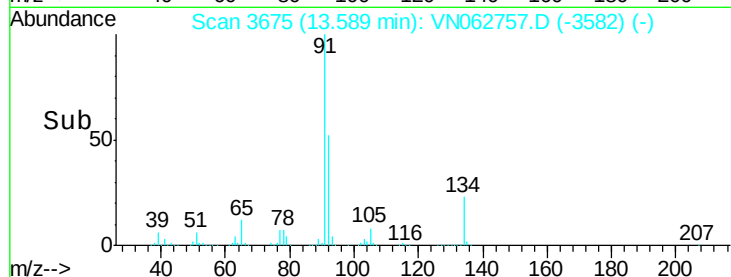
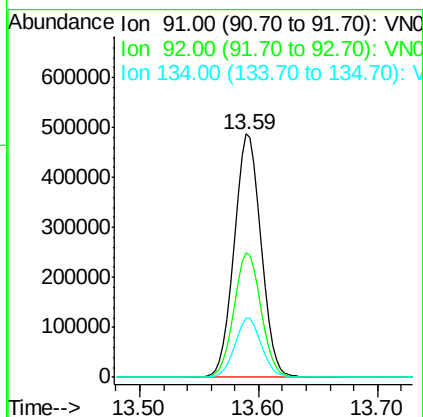
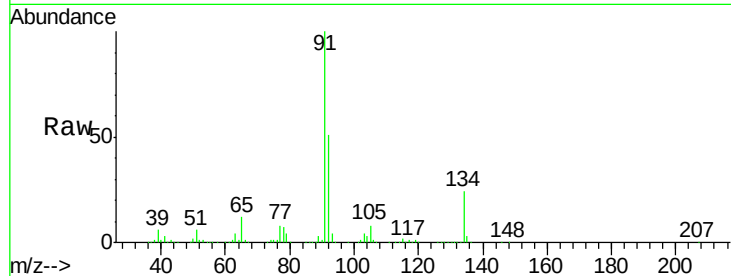




#89
n-Butylbenzene
Concen: 110.675 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

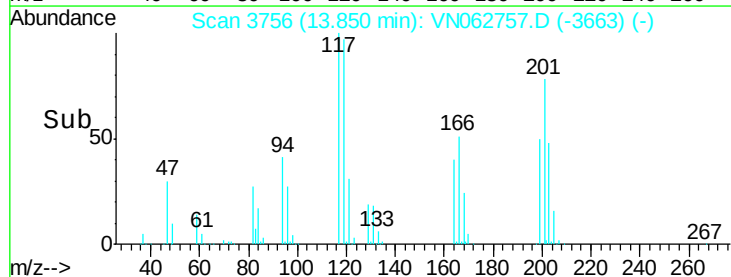
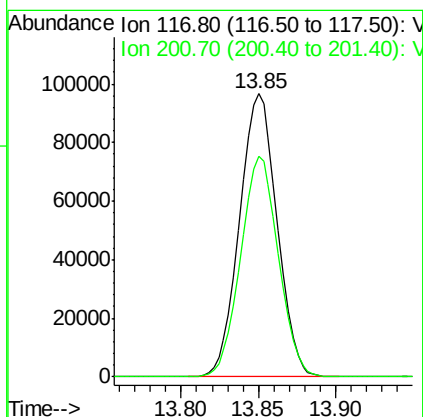
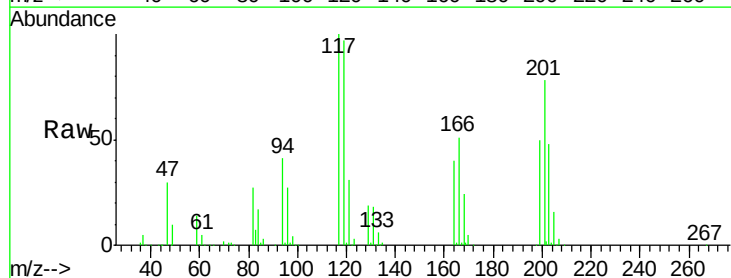
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

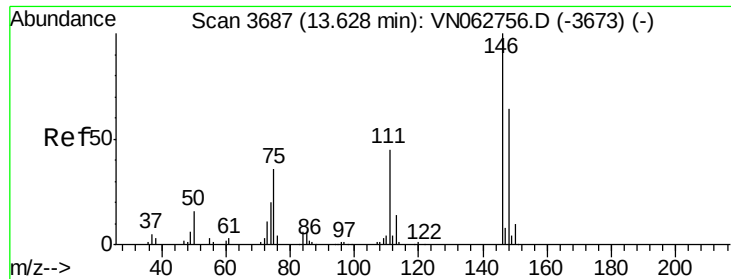
Tgt Ion: 91 Resp: 763707
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 24.1 12.2 36.6



#90
Hexachloroethane
Concen: 94.991 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion: 117 Resp: 163122
Ion Ratio Lower Upper
117 100
201 78.4 39.2 117.6

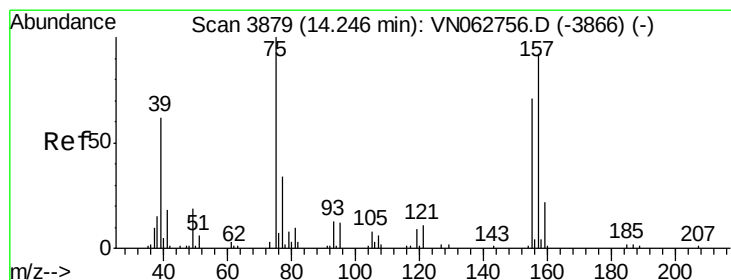
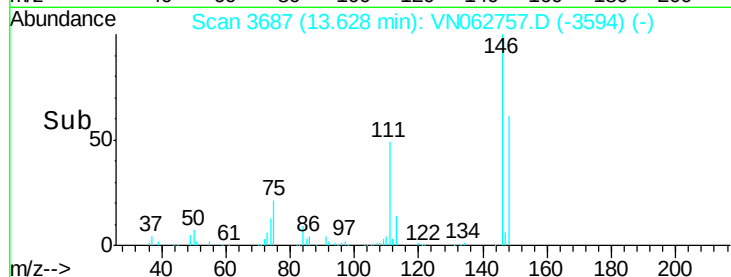
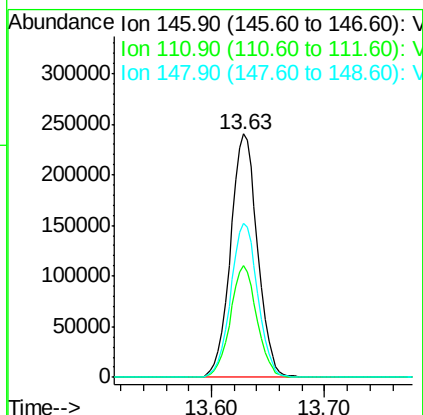
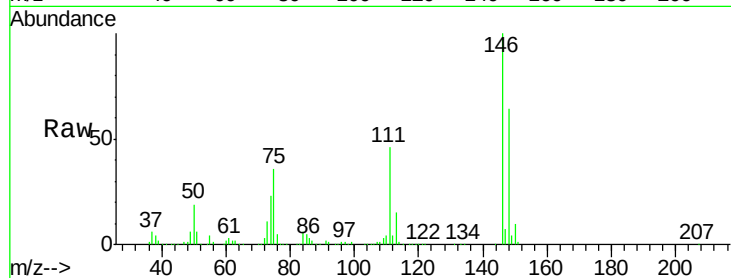




#91
 1,2-Dichlorobenzene
 Concen: 97.848 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

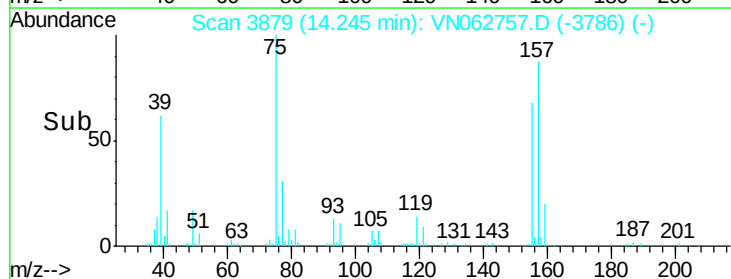
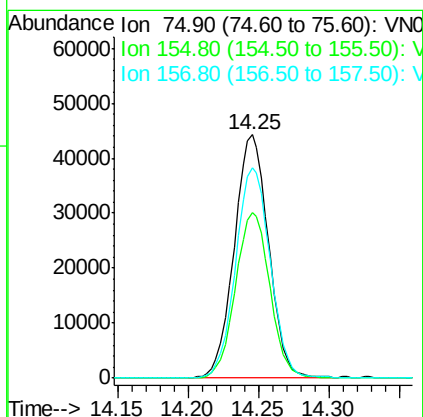
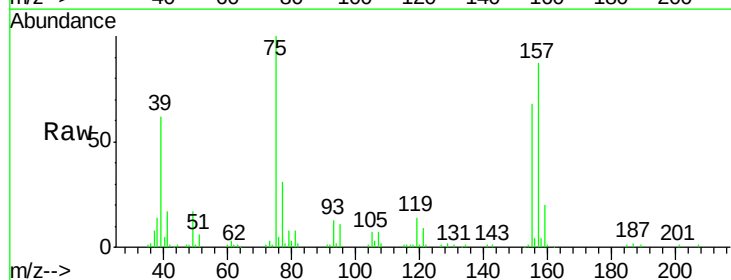
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

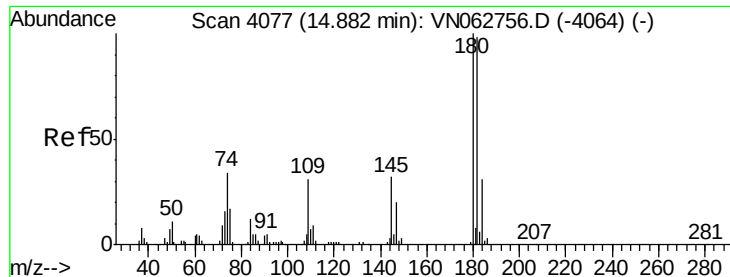
Tgt Ion: 146 Resp: 397925
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.8 68.4
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.181 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion: 75 Resp: 75514
 Ion Ratio Lower Upper
 75 100
 155 68.0 35.0 105.1
 157 87.3 43.2 129.6

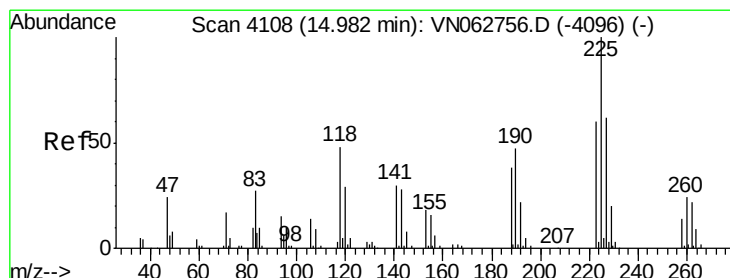
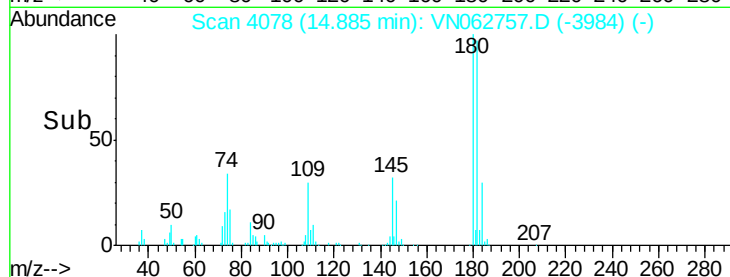
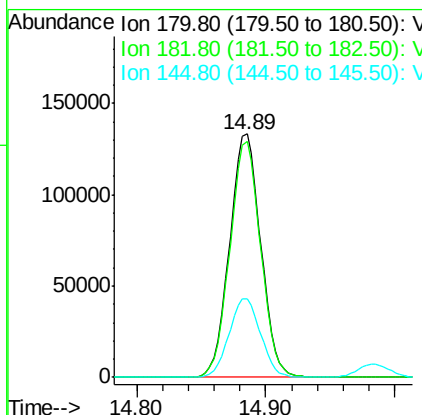
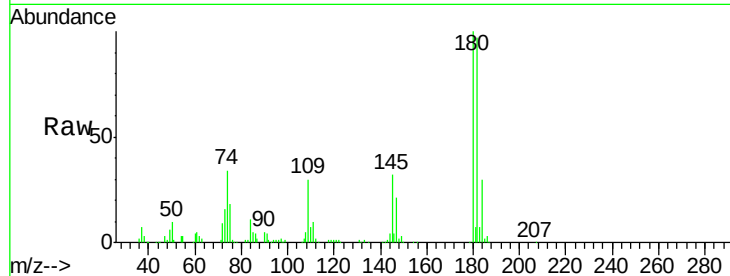




#93
 1,2,4-Trichlorobenzene
 Concen: 118.159 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

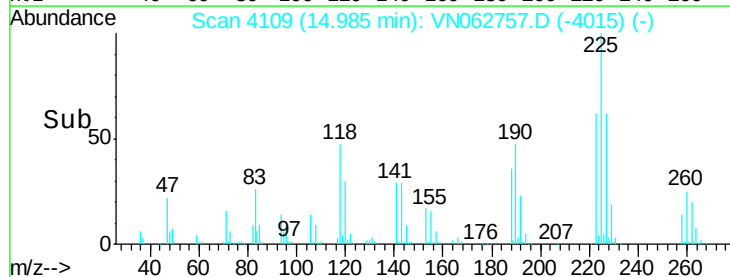
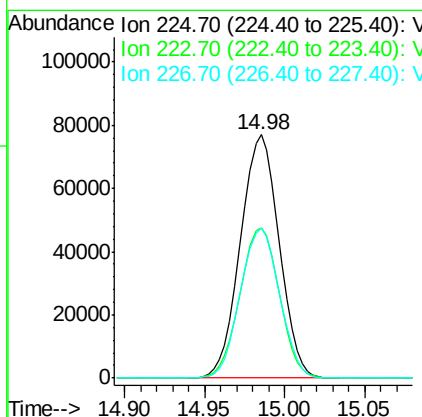
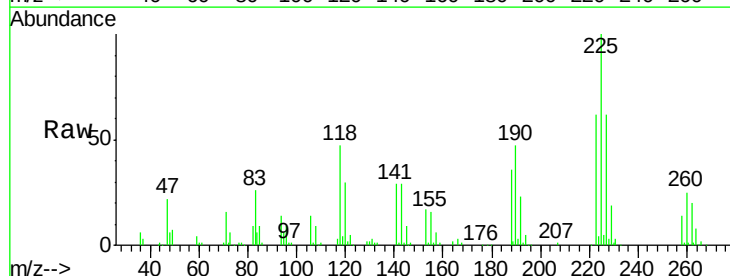
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

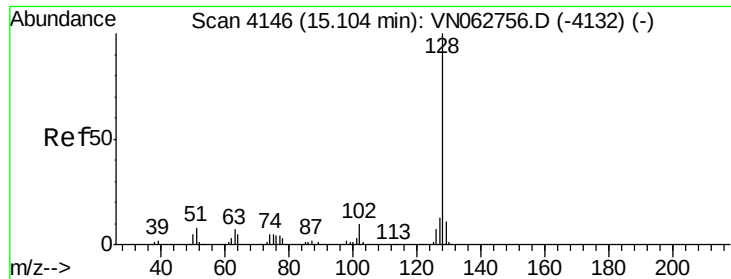
Tgt Ion:180 Resp: 222762
 Ion Ratio Lower Upper
 180 100
 182 95.9 49.1 147.4
 145 32.7 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 102.496 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062757.D
 Acq: 5 Aug 2020 12:40

Tgt Ion:225 Resp: 127295
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 92.0
 227 62.1 31.6 95.0

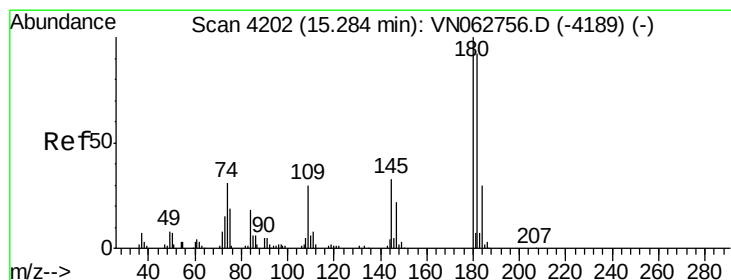
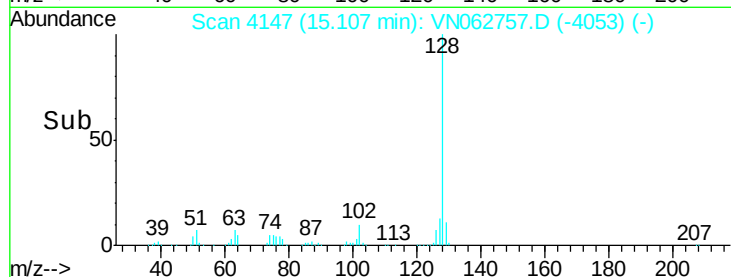
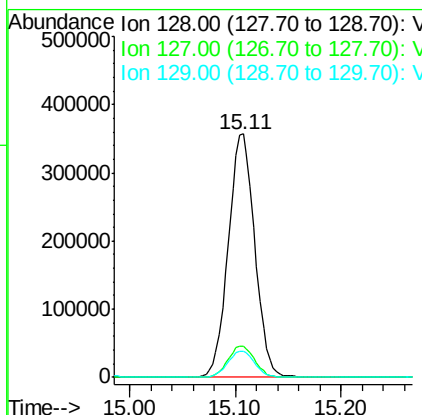
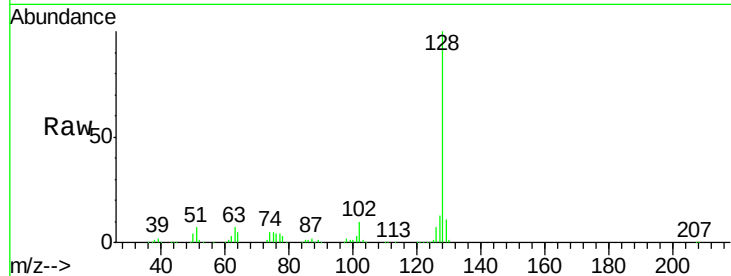




#95
Naphthalene
Concen: 119.252 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 620160
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 114.889 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062757.D
Acq: 5 Aug 2020 12:40

Tgt Ion:180 Resp: 220772
Ion Ratio Lower Upper
180 100
182 97.4 47.9 143.6
145 34.7 17.3 51.7

