

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062758.D
 Acq On : 5 Aug 2020 13:04
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Aug 05 13:22:52 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	154722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	249338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	379963	156.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.74%	
35) Dibromofluoromethane	7.55	113	255890	156.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.02%	
50) Toluene-d8	10.06	98	1028797	157.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.90%	
62) 4-Bromofluorobenzene	12.38	95	419624	174.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	338626	174.043	ug/l	98
3) Chloromethane	2.03	50	319266	130.293	ug/l	97
4) Vinyl Chloride	2.16	62	294700	137.033	ug/l	99
5) Bromomethane	2.49	94	198637	194.454	ug/l	96
6) Chloroethane	2.63	64	191386	185.547	ug/l	95
7) Trichlorofluoromethane	2.96	101	489352	181.825	ug/l	100
8) Diethyl Ether	3.37	74	144882	125.182	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.70	101	207373	129.027	ug/l	98
10) Methyl Iodide	3.90	142	278836	137.817	ug/l	97
11) Tert butyl alcohol	4.75	59	305963	777.515	ug/l	100
12) 1,1-Dichloroethene	3.68	96	192655	119.611	ug/l	94
13) Acrolein	3.56	56	196656	577.198	ug/l	99
14) Allyl chloride	4.27	41	383556	112.543	ug/l	98
15) Acrylonitrile	4.93	53	747854	736.256	ug/l	99
16) Acetone	3.78	43	628039	693.701	ug/l	100
17) Carbon Disulfide	4.00	76	554375	106.407	ug/l	98
18) Methyl Acetate	4.28	43	321212	140.032	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	903512	148.226	ug/l	99
20) Methylene Chloride	4.49	84	249550	118.131	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	216480	121.305	ug/l	98
22) Diisopropyl ether	5.90	45	856301	123.950	ug/l	98
23) Vinyl Acetate	5.84	43	3154990	570.698	ug/l	99
24) 1,1-Dichloroethane	5.79	63	462687	123.581	ug/l	99
25) 2-Butanone	6.79	43	979253	716.338	ug/l	99
26) 2,2-Dichloropropane	6.77	77	412753	131.709	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	263082	128.441	ug/l	97
28) Bromochloromethane	7.15	49	249704	136.661	ug/l	99
29) Tetrahydrofuran	7.17	42	634296	688.824	ug/l	99
30) Chloroform	7.33	83	494531	136.380	ug/l	99
31) Cyclohexane	7.61	56	444132	128.120	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	444648	144.747	ug/l	98
36) 1,1-Dichloropropene	7.75	75	345900	132.304	ug/l	99
37) Ethyl Acetate	6.88	43	360606	129.035	ug/l	98
38) Carbon Tetrachloride	7.73	117	394256	153.239	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
 Data File : VN062758.D
 Acq On : 5 Aug 2020 13:04
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Aug 05 13:22:52 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)
39) Methylcyclohexane	9.05	83	450600	157.477	ug/l	99
40) Benzene	8.00	78	1003095	127.602	ug/l	99
41) Methacrylonitrile	7.13	41	170814	137.691	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	424746	143.960	ug/l	99
43) Isopropyl Acetate	8.13	43	624719	138.473	ug/l	99
44) Trichloroethene	8.80	130	248920	138.991	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282447	128.034	ug/l	98
46) Dibromomethane	9.17	93	185383	142.979	ug/l	99
47) Bromodichloromethane	9.37	83	424319	149.297	ug/l	100
48) Methyl methacrylate	9.17	41	315253	145.666	ug/l	99
49) 1,4-Dioxane	9.17	88	118162	3412.008	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	2123581	772.875	ug/l	100
52) Toluene	10.13	92	655787	142.146	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	484619	154.263	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	482469	145.180	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	267763	148.078	ug/l	98
56) Ethyl methacrylate	10.40	69	482548	167.291	ug/l	98
57) 1,3-Dichloropropane	10.68	76	475033	144.149	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669177	822.974	ug/l	100
59) 2-Hexanone	10.72	43	1619436	824.433	ug/l	99
60) Dibromochloromethane	10.88	129	331040	162.614	ug/l	99
61) 1,2-Dibromoethane	10.98	107	283151	150.845	ug/l	99
64) Tetrachloroethene	10.60	164	212645	134.012	ug/l	98
65) Chlorobenzene	11.41	112	724139	141.601	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	294797	150.906	ug/l	97
67) Ethyl Benzene	11.48	91	1366060	145.787	ug/l	98
68) m/p-Xylenes	11.60	106	1002799	297.000	ug/l	98
69) o-Xylene	11.92	106	489974	152.534	ug/l	99
70) Styrene	11.94	104	879990	161.533	ug/l	99
71) Bromoform	12.10	173	248206	167.224	ug/l #	99
73) Isopropylbenzene	12.23	105	1368215	133.387	ug/l	100
74) N-amyl acetate	12.05	43	618267	138.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	436558	122.902	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	620625	186.288	ug/l #	100
77) Bromobenzene	12.50	156	329525	133.431	ug/l	97
78) n-propylbenzene	12.57	91	1655343	138.043	ug/l	100
79) 2-Chlorotoluene	12.65	91	995850	134.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1252057	146.483	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	168163	141.138	ug/l	98
82) 4-Chlorotoluene	12.75	91	1060991	137.491	ug/l	100
83) tert-Butylbenzene	12.97	119	1040267	146.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1254835	149.588	ug/l	100
85) sec-Butylbenzene	13.15	105	1389575	146.064	ug/l	100
86) p-Isopropyltoluene	13.26	119	1296220	157.496	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	613620	140.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	610021	142.419	ug/l	99
89) n-Butylbenzene	13.59	91	1155783	164.083	ug/l	100
90) Hexachloroethane	13.85	117	246612	140.686	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	583796	140.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	109428	163.510	ug/l	96

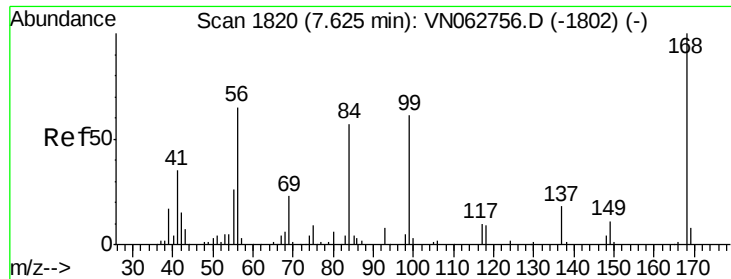
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080520\
Data File : VN062758.D
Acq On : 5 Aug 2020 13:04
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Aug 05 13:22:52 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)
93) 1,2,4-Trichlorobenzene	14.88	180	347982	180.820	ug/l	97
94) Hexachlorobutadiene	14.98	225	185766	146.530	ug/l	99
95) Naphthalene	15.10	128	951246	179.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	337470	172.042	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

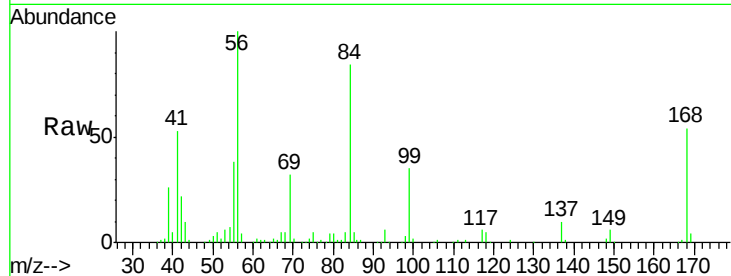
VSTDIC150

Tgt Ion:168 Resp: 154722

Ion Ratio Lower Upper

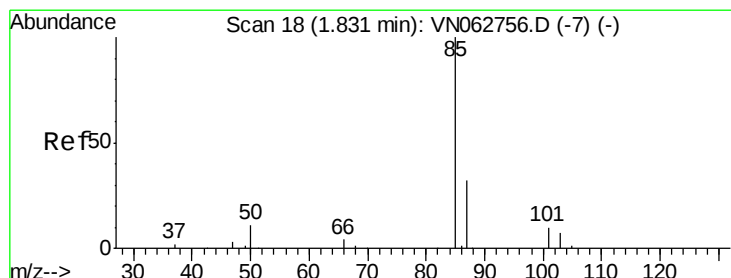
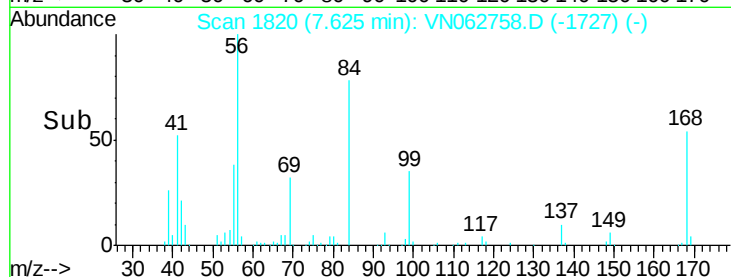
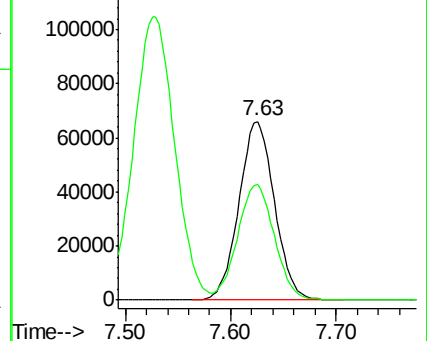
168 100

99 64.6 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: 174.043 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062758.D

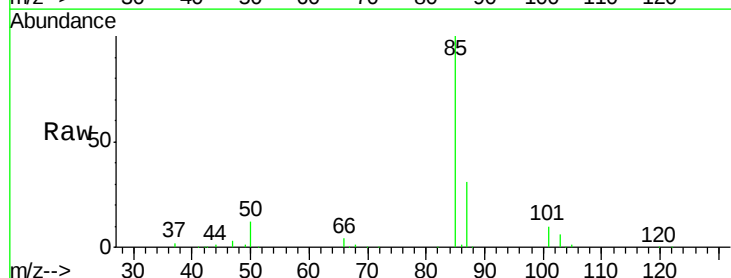
Acq: 5 Aug 2020 13:04

Tgt Ion: 85 Resp: 338626

Ion Ratio Lower Upper

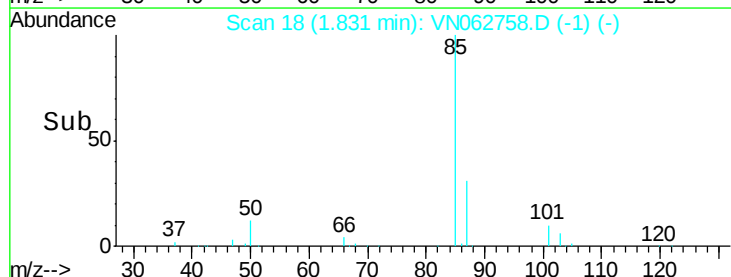
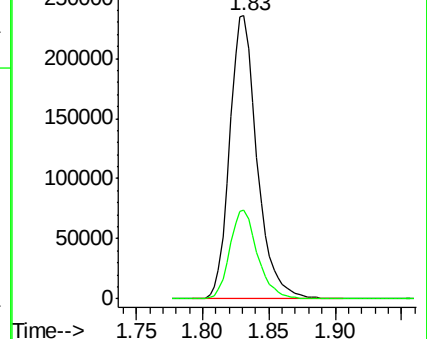
85 100

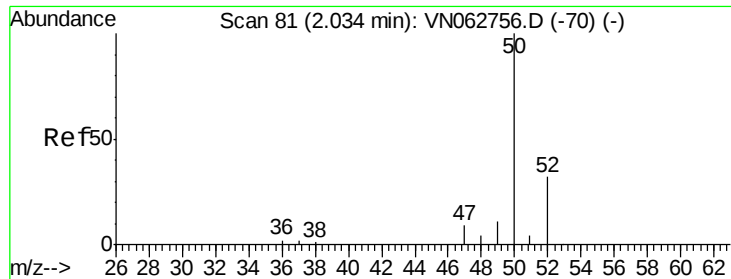
87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 130.293 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

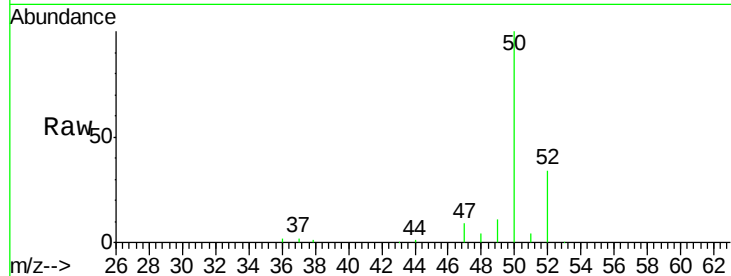
VSTDIC150

Tgt Ion: 50 Resp: 319266

Ion Ratio Lower Upper

50 100

52 33.6 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

150000

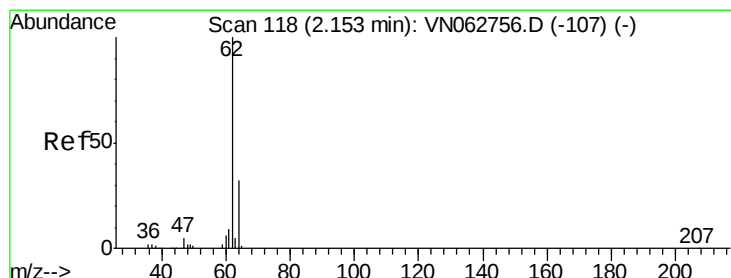
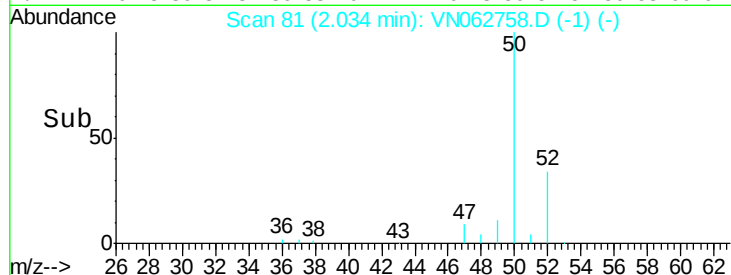
100000

50000

0

Time-->

2.00 2.10



#4

Vinyl Chloride

Concen: 137.033 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062758.D

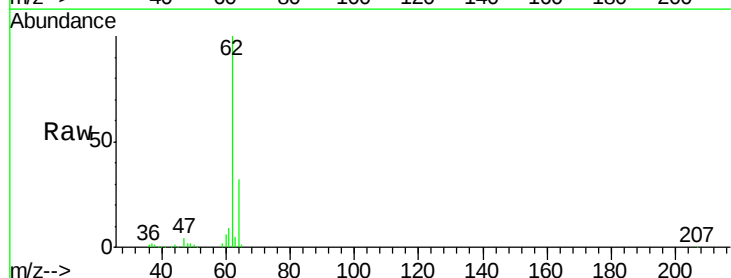
Acq: 5 Aug 2020 13:04

Tgt Ion: 62 Resp: 294700

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

200000

150000

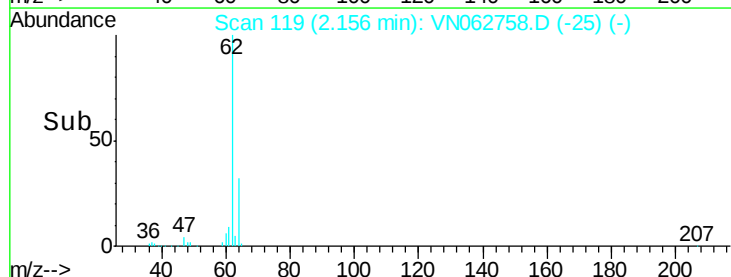
100000

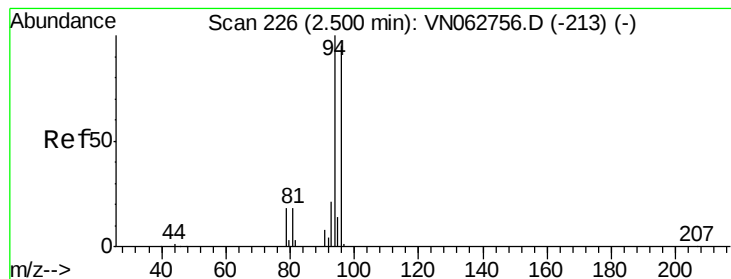
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 194.454 ug/l

RT: 2.49 min Scan# 222

Delta R.T. -0.01 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

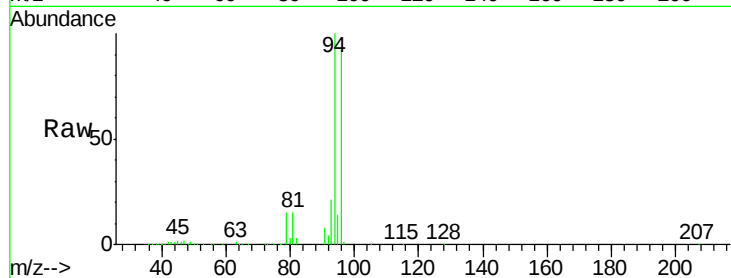
VSTDIC150

Tgt Ion: 94 Resp: 198637

Ion Ratio Lower Upper

94 100

96 91.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062758.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062758.D (-133) (-)

2.49

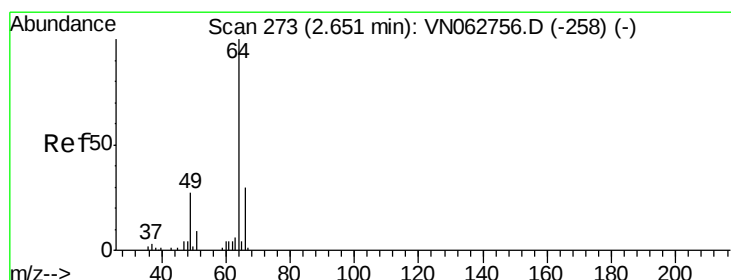
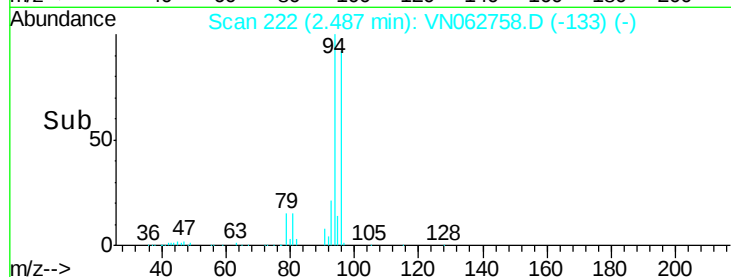
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 185.547 ug/l

RT: 2.63 min Scan# 268

Delta R.T. -0.02 min

Lab File: VN062758.D

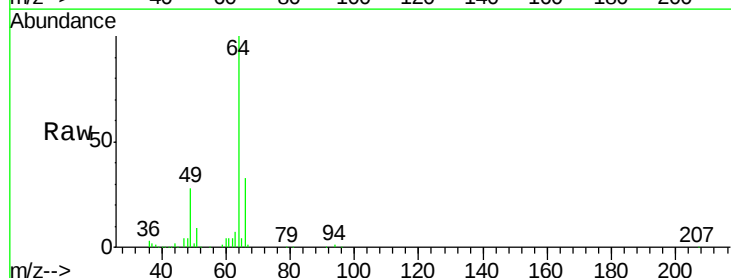
Acq: 5 Aug 2020 13:04

Tgt Ion: 64 Resp: 191386

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062758.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062758.D (-180) (-)

2.63

100000

80000

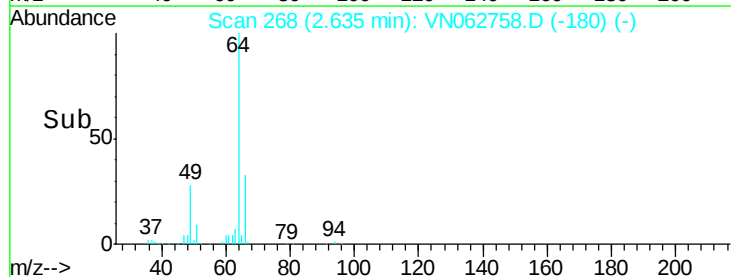
60000

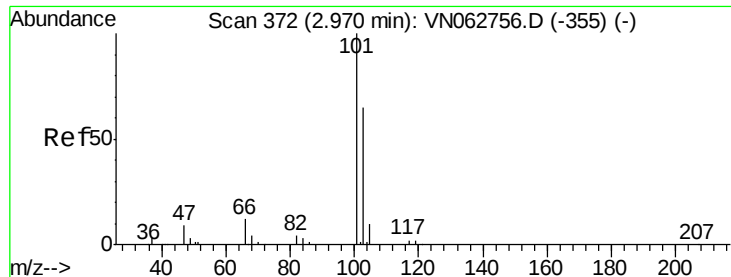
40000

20000

0

Time-->



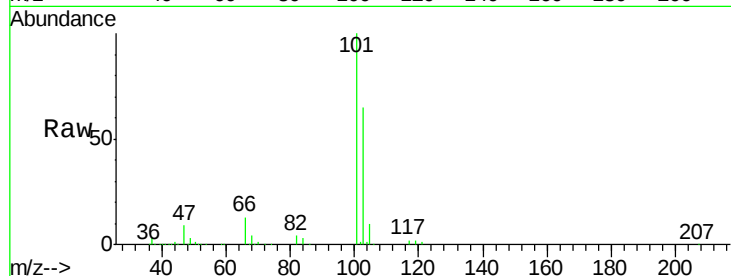


#7

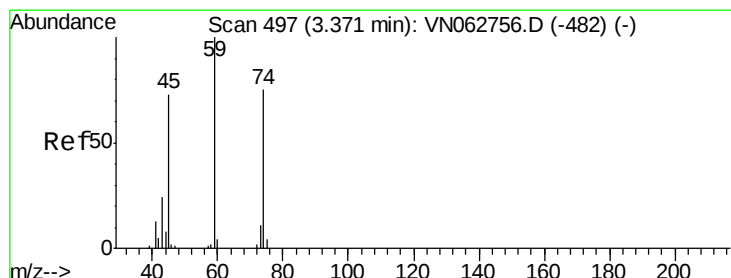
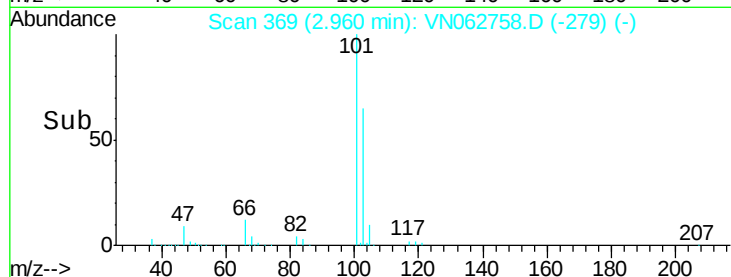
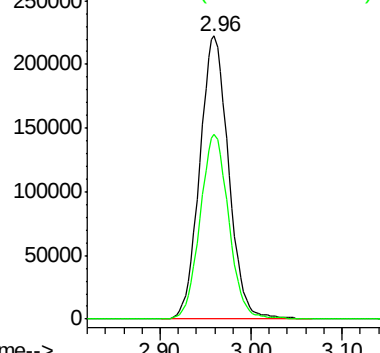
Trichlorofluoromethane
Concen: 181.825 ug/l
RT: 2.96 min Scan# 369
Delta R.T. -0.01 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 489352
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5



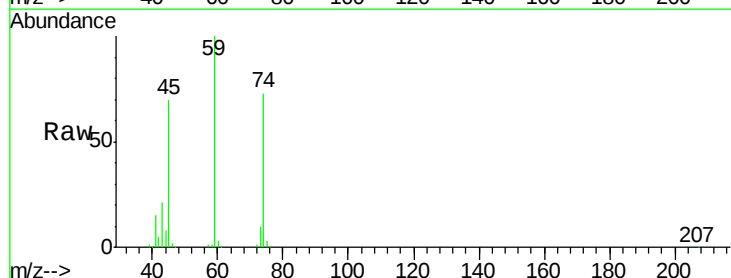
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



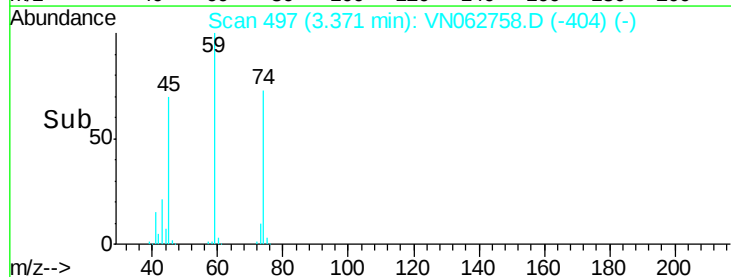
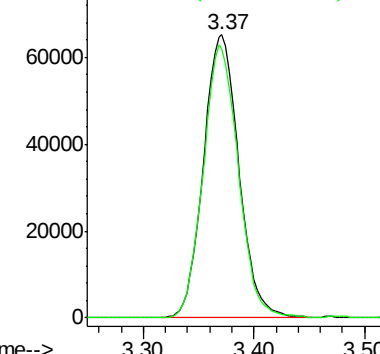
#8

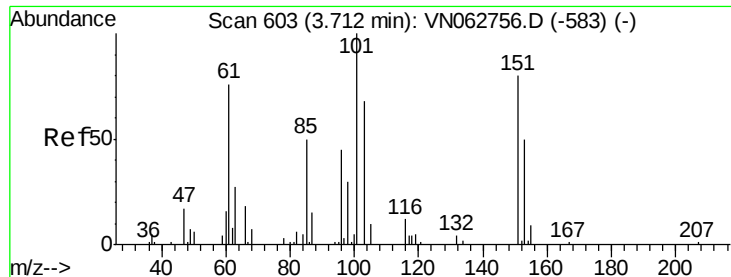
Diethyl Ether
Concen: 125.182 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 74 Resp: 144882
Ion Ratio Lower Upper
74 100
45 95.6 48.7 146.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 129.027 ug/l

RT: 3.70 min Scan# 600

Delta R.T. -0.01 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

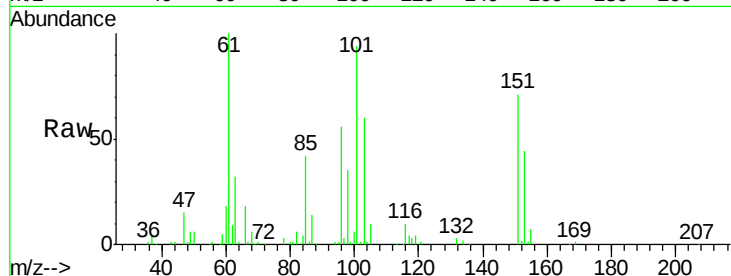
Tgt Ion:101 Resp: 207373

Ion Ratio Lower Upper

101 100

85 46.3 38.5 57.7

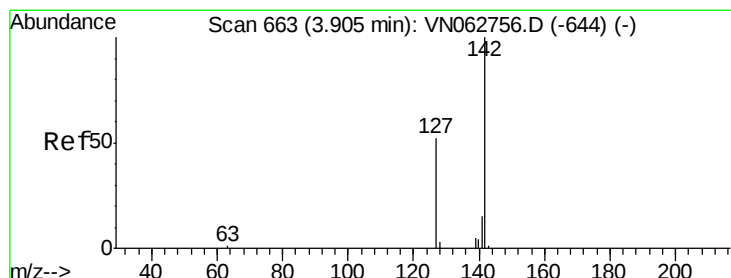
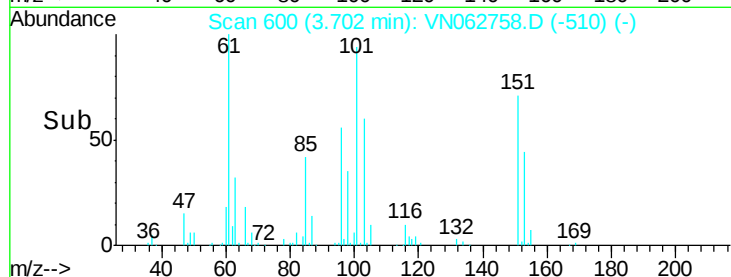
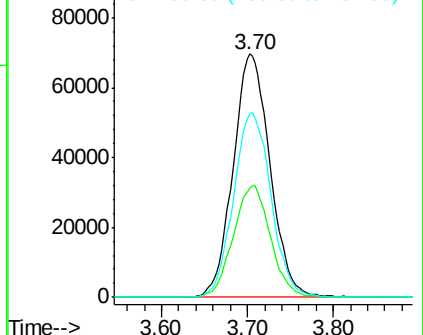
151 76.8 63.0 94.6



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: 137.817 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

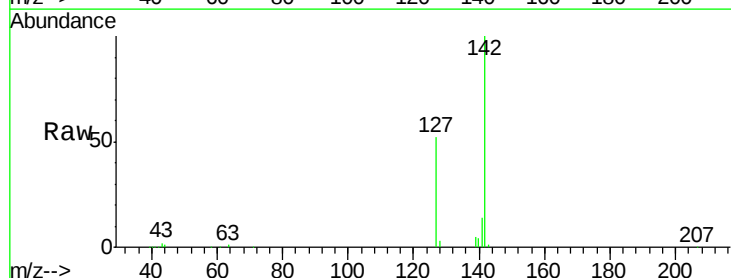
Tgt Ion:142 Resp: 278836

Ion Ratio Lower Upper

142 100

127 49.5 41.4 62.0

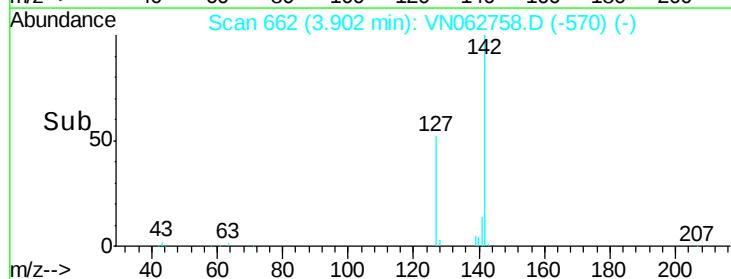
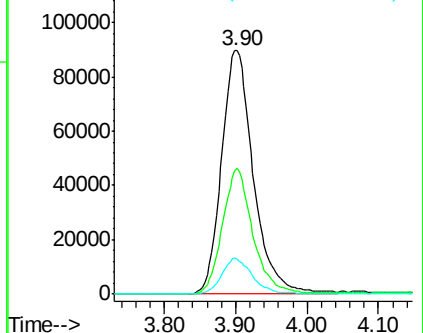
141 14.2 12.2 18.4

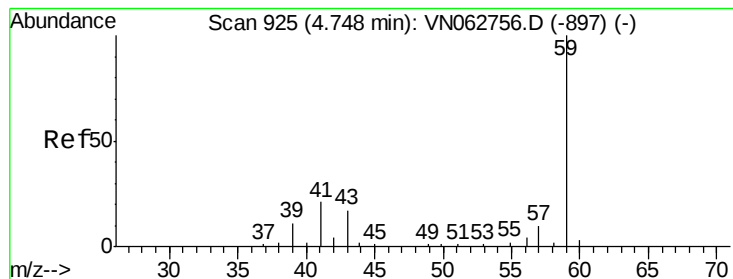


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



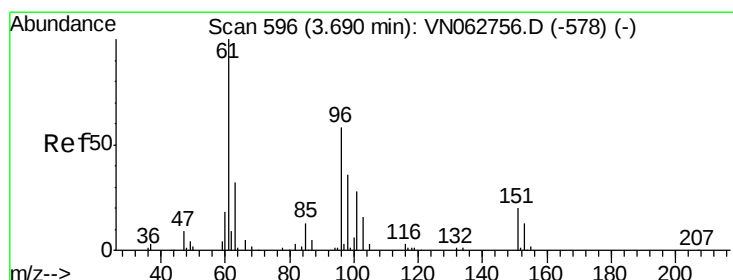
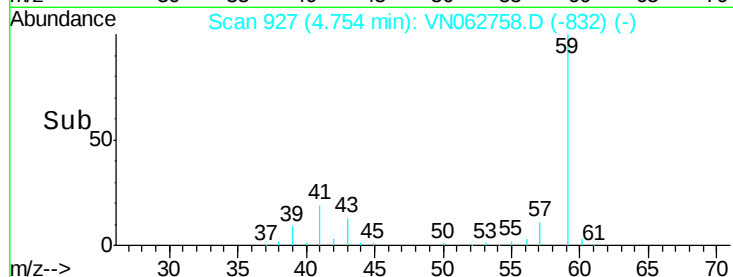
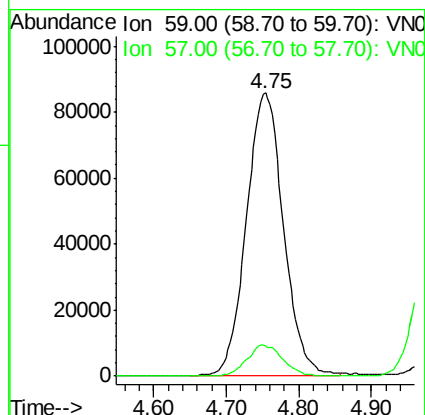
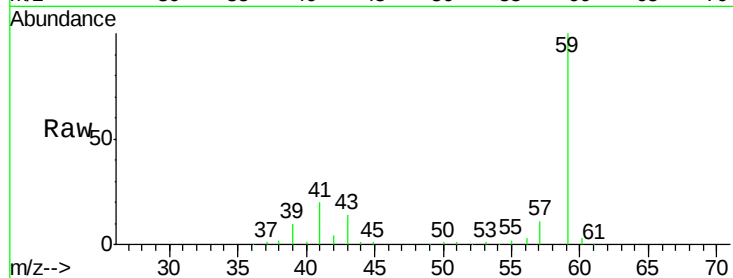


#11

Tert butyl alcohol
Concen: 777.515 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.01 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

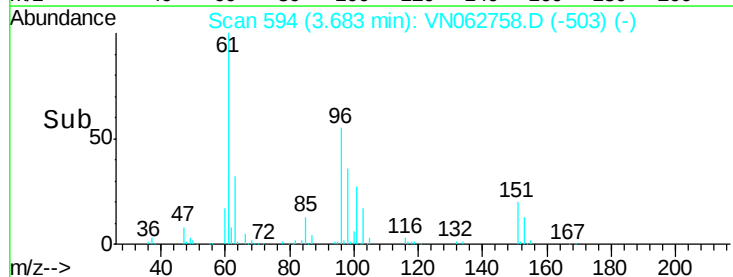
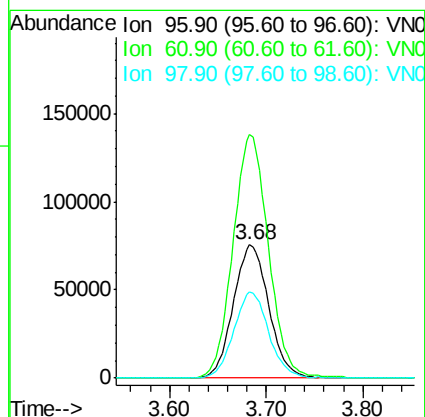
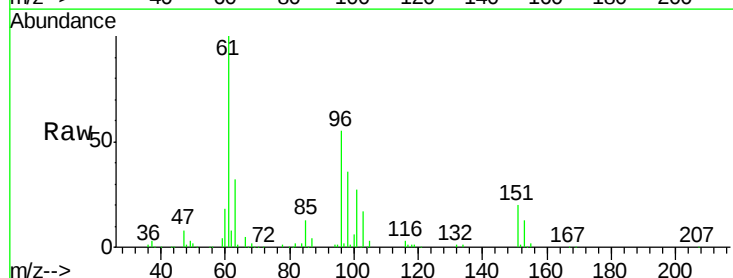
Tgt Ion: 59 Resp: 305963
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

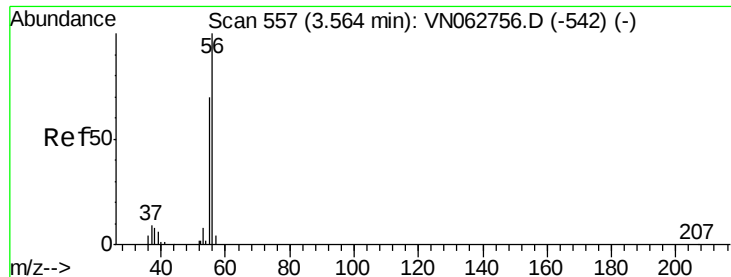


#12

1,1-Dichloroethene
Concen: 119.611 ug/l
RT: 3.68 min Scan# 594
Delta R.T. -0.01 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 96 Resp: 192655
Ion Ratio Lower Upper
96 100
61 183.0 139.0 208.6
98 65.0 50.2 75.4





#13

Acrolein

Concen: 577.198 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

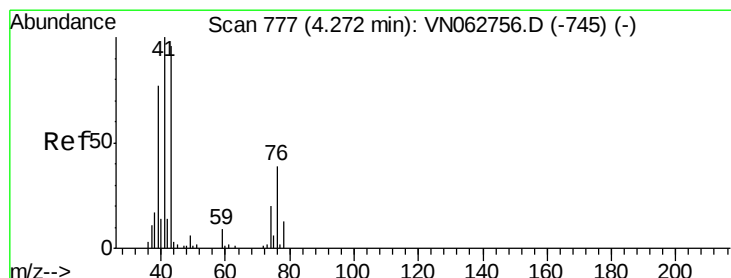
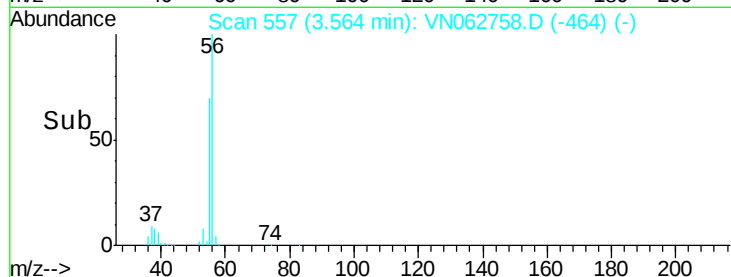
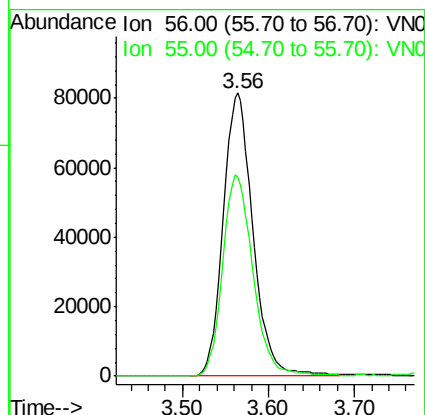
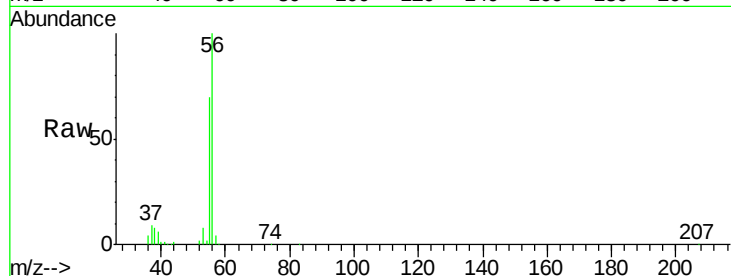
VSTDIC150

Tgt Ion: 56 Resp: 196656

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.6



#14

Allyl chloride

Concen: 112.543 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

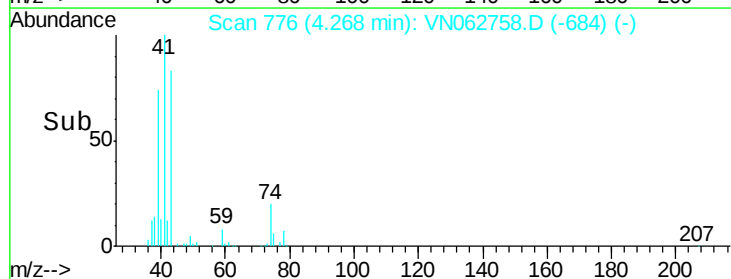
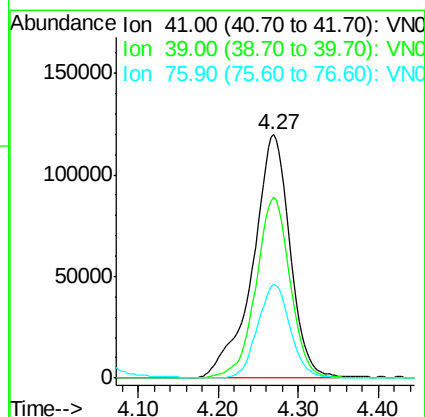
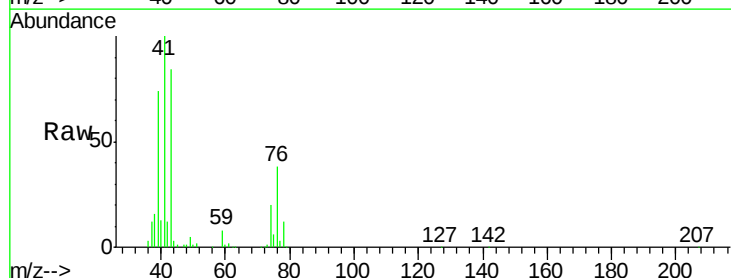
Tgt Ion: 41 Resp: 383556

Ion Ratio Lower Upper

41 100

39 68.3 55.7 83.5

76 33.0 27.5 41.3





#15

Acrylonitrile

Concen: 736.256 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

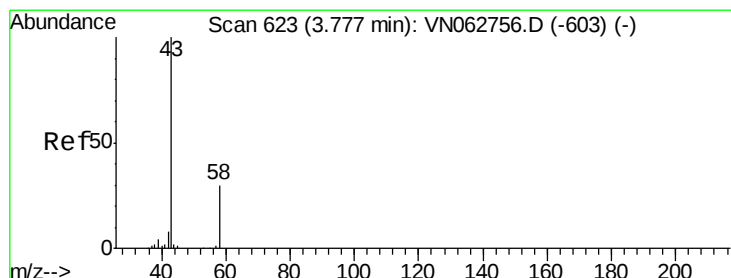
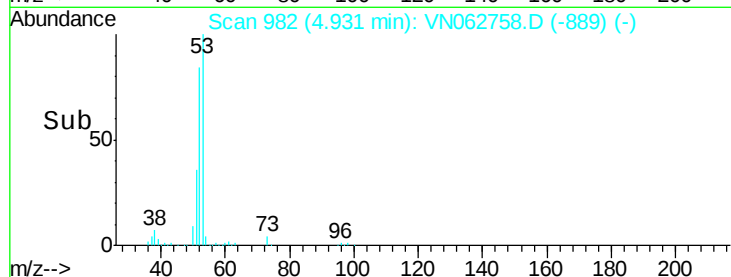
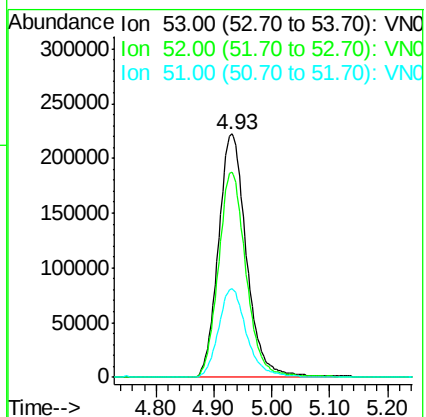
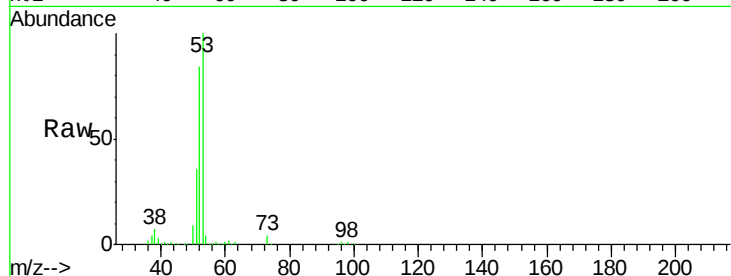
Tgt Ion: 53 Resp: 747854

Ion Ratio Lower Upper

53 100

52 82.9 66.8 100.2

51 36.6 29.5 44.3



#16

Acetone

Concen: 693.701 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062758.D

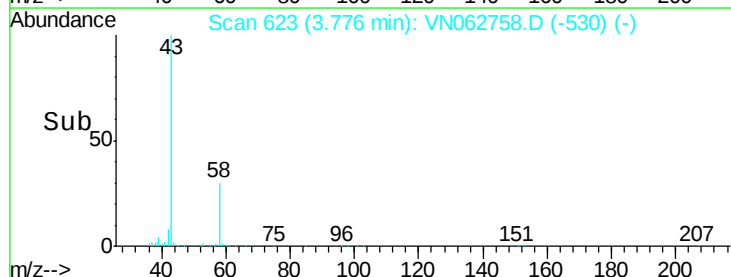
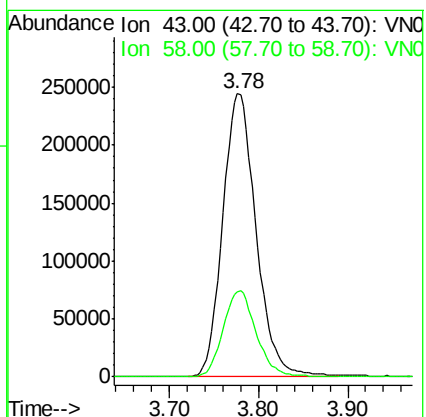
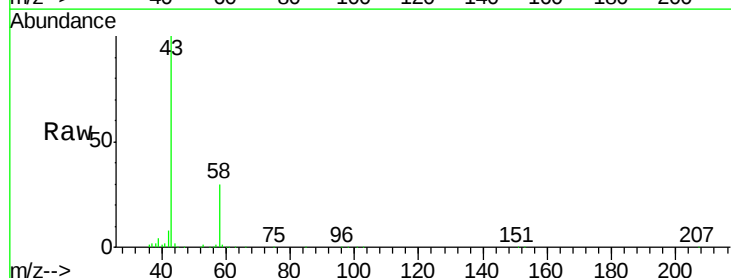
Acq: 5 Aug 2020 13:04

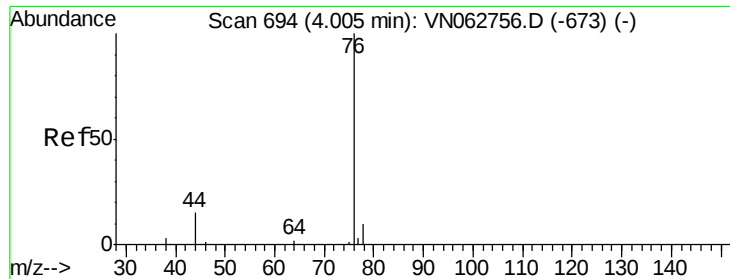
Tgt Ion: 43 Resp: 628039

Ion Ratio Lower Upper

43 100

58 30.3 24.1 36.1

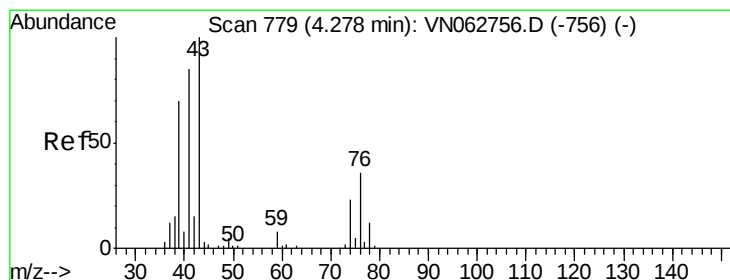
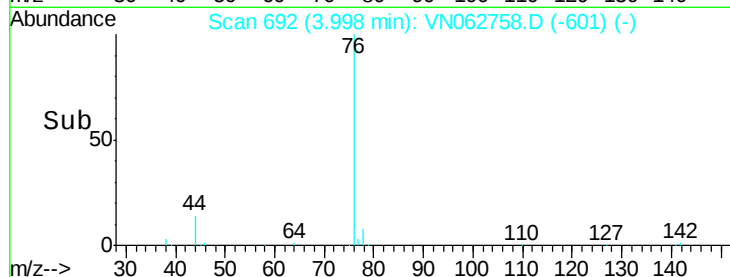
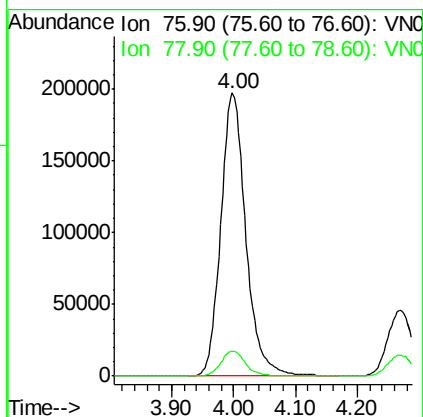
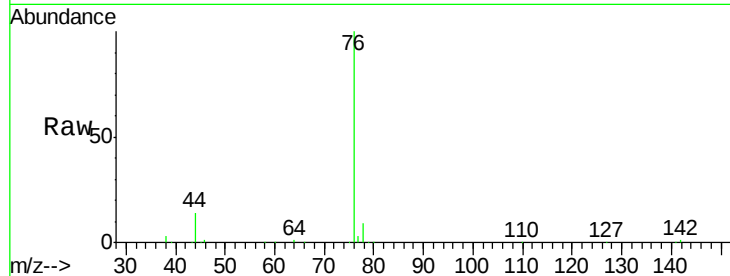




#17
Carbon Disulfide
Concen: 106.407 ug/l
RT: 4.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

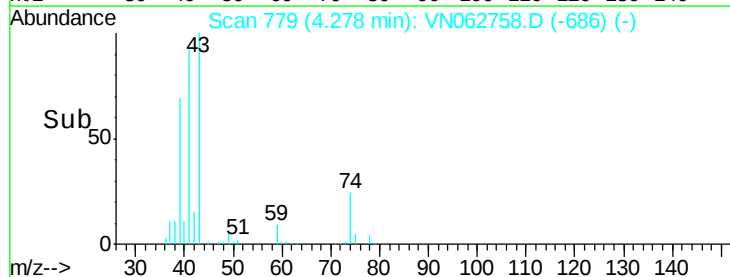
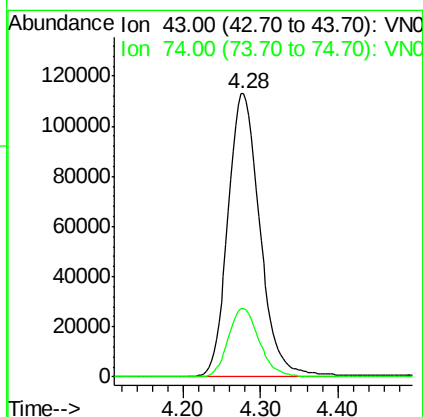
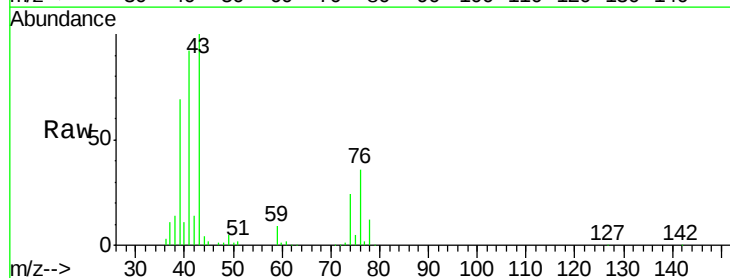
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

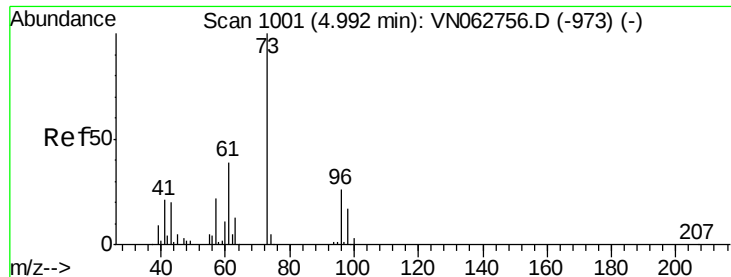
Tgt Ion: 76 Resp: 554375
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 140.032 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 43 Resp: 321212
Ion Ratio Lower Upper
43 100
74 23.6 18.6 28.0

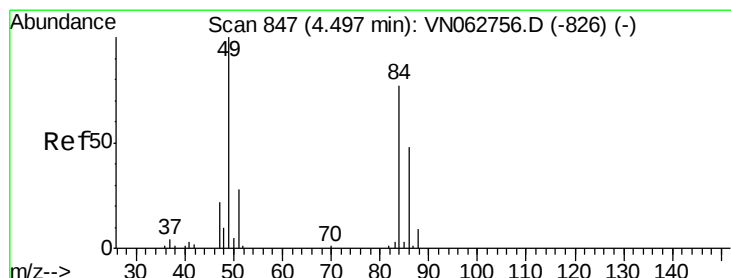
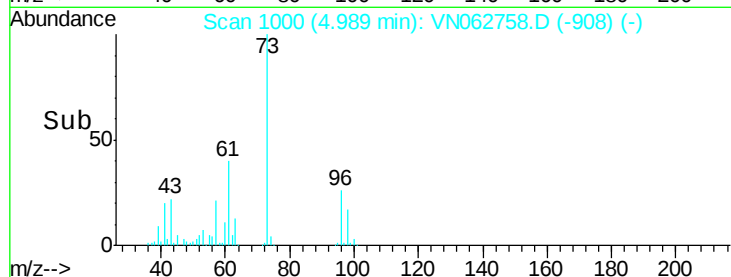
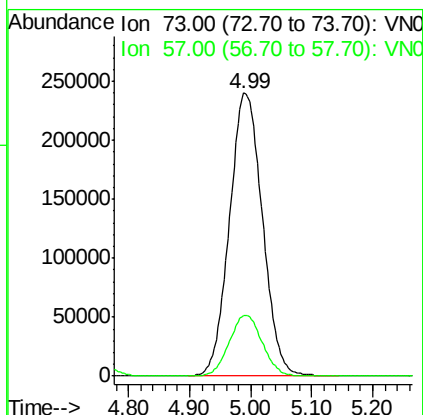
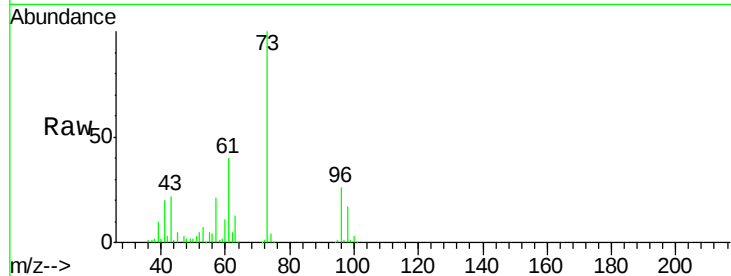




#19
Methyl tert-butyl Ether
Concen: 148.226 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

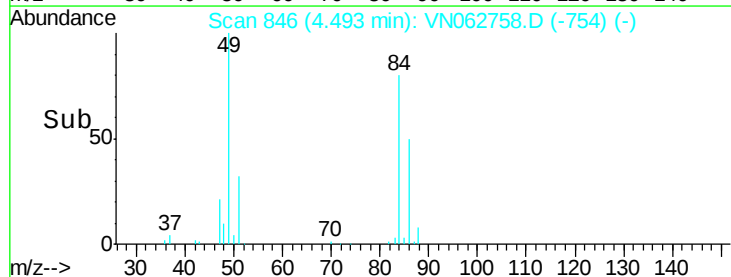
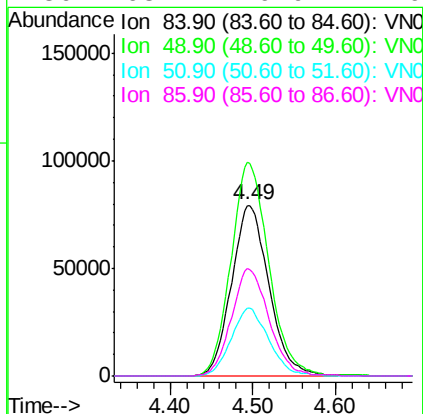
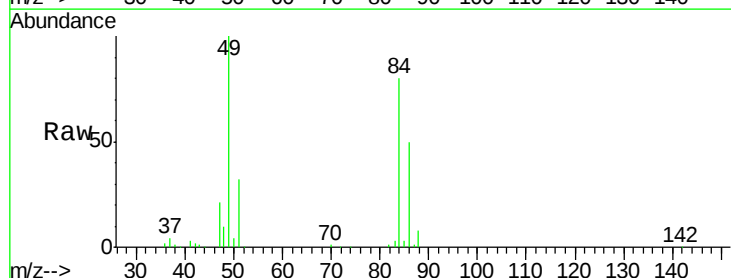
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

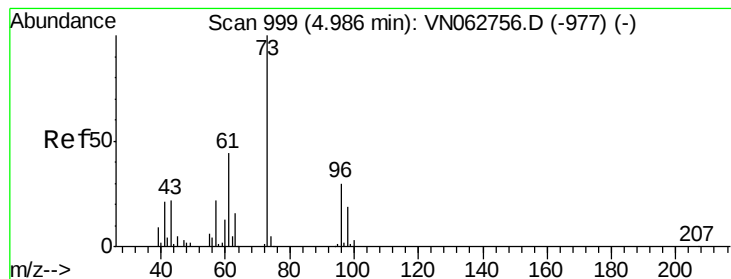
Tgt Ion: 73 Resp: 903512
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 118.131 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 84 Resp: 249550
Ion Ratio Lower Upper
84 100
49 125.1 103.4 155.2
51 39.5 29.3 43.9
86 63.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 121.305 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

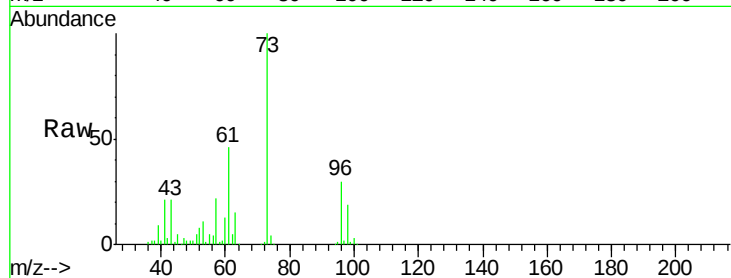
Tgt Ion: 96 Resp: 216480

Ion Ratio Lower Upper

96 100

61 152.4 118.8 178.2

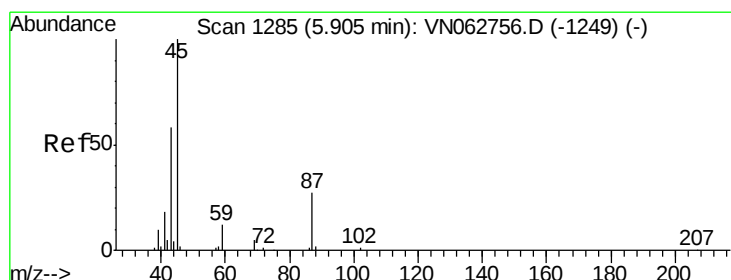
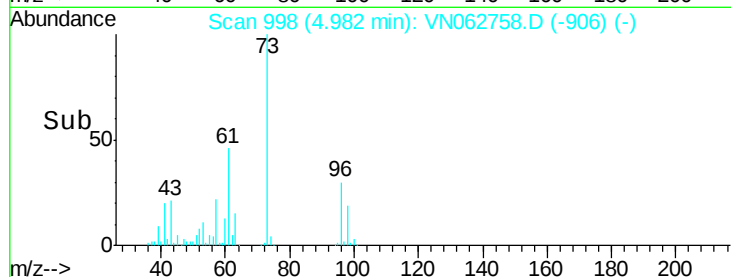
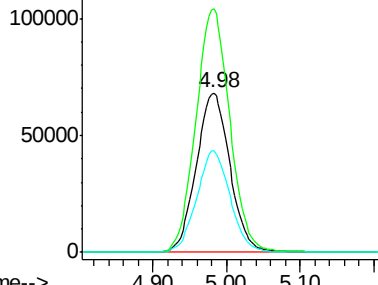
98 63.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062758.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062758.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062758.D (-906) (-)



#22

Diisopropyl ether

Concen: 123.950 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion: 45 Resp: 856301

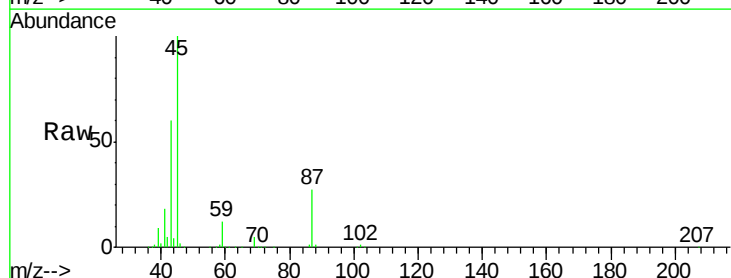
Ion Ratio Lower Upper

45 100

43 58.4 47.4 71.2

87 26.9 22.8 34.2

59 11.7 9.9 14.9

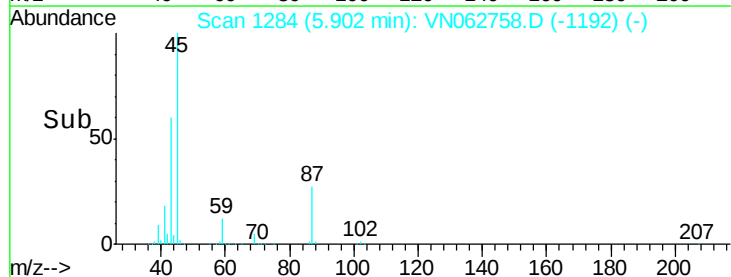
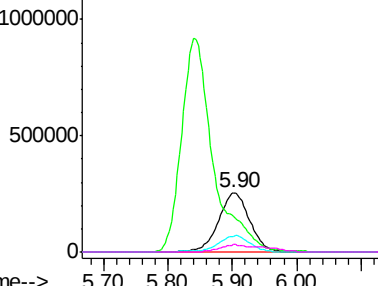


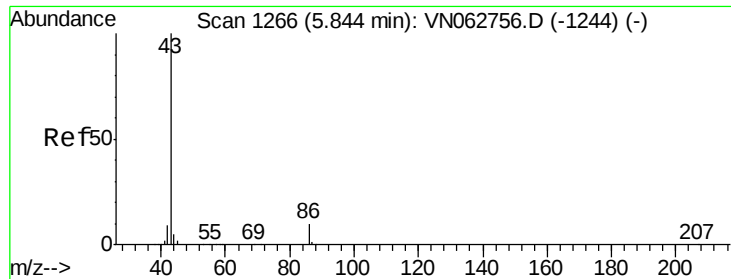
Abundance Ion 45.00 (44.70 to 45.70): VN062758.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062758.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062758.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062758.D (-1192) (-)





#23

Vinyl Acetate

Concen: 570.698 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

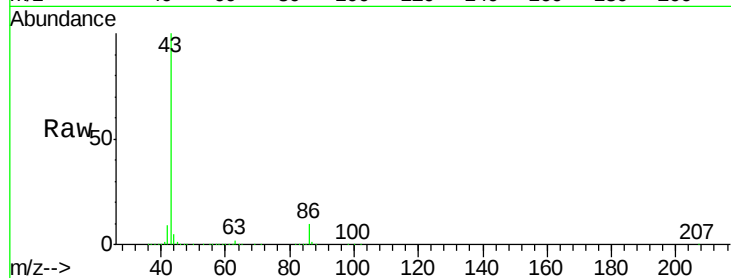
VSTDIC150

Tgt Ion: 43 Resp: 3154990

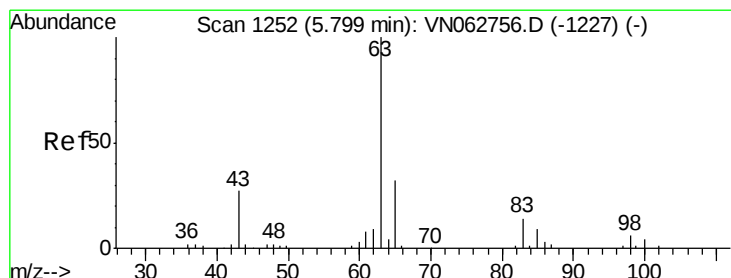
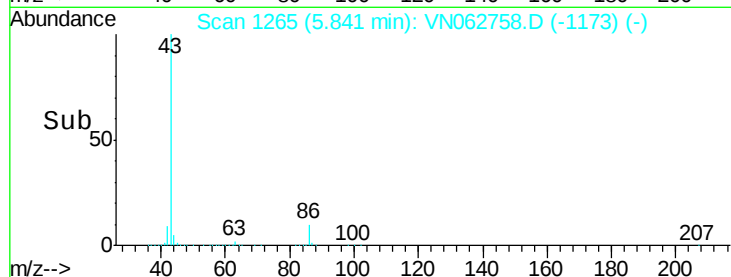
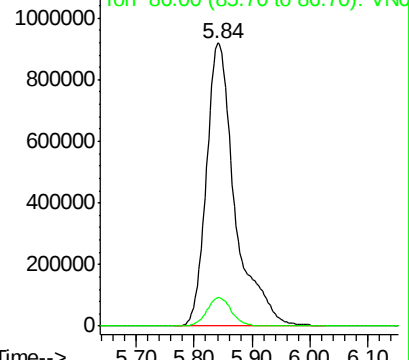
Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1244) (-)



#24

1,1-Dichloroethane

Concen: 123.581 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

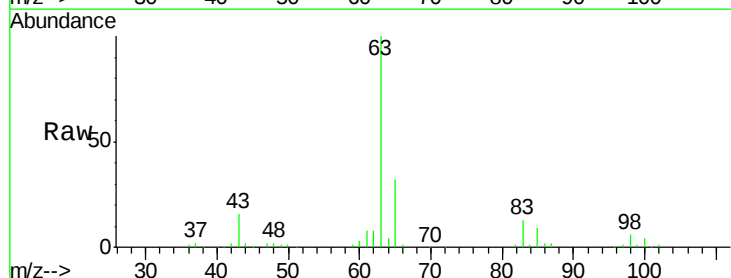
Tgt Ion: 63 Resp: 462687

Ion Ratio Lower Upper

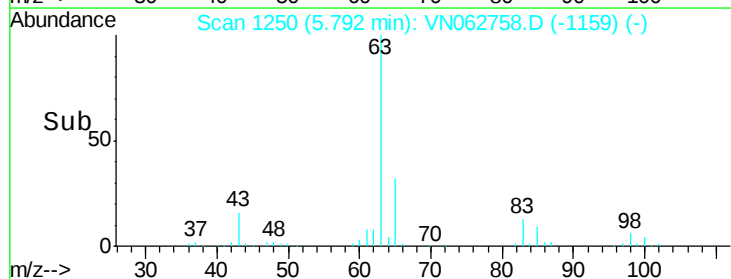
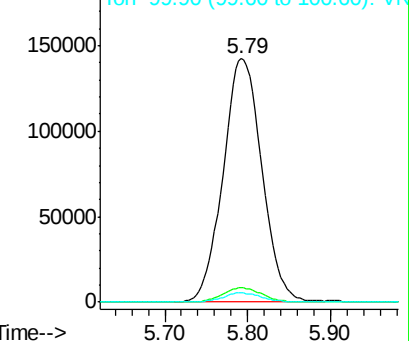
63 100

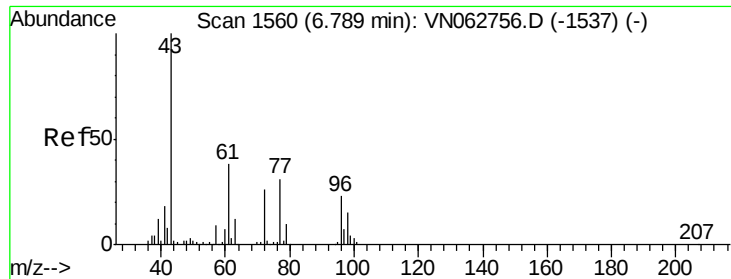
98 5.9 3.0 9.2

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062756.D (-1227) (-)





#25

2-Butanone

Concen: 716.338 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

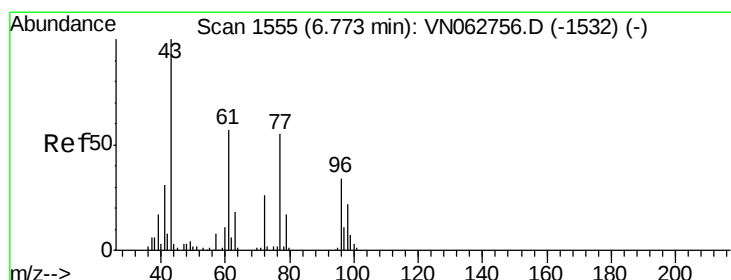
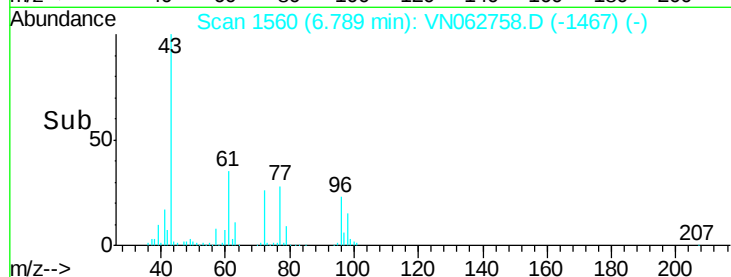
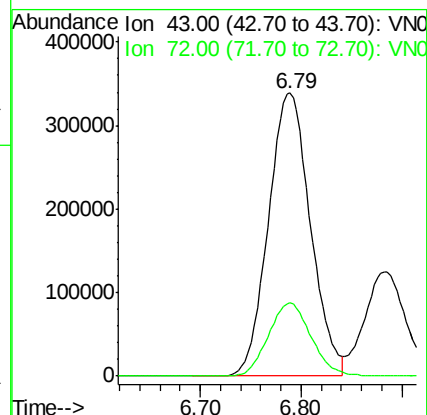
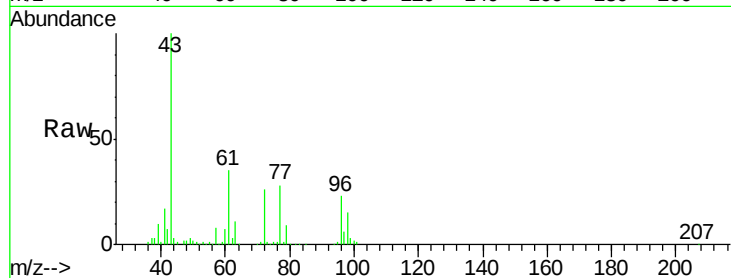
VSTDIC150

Tgt Ion: 43 Resp: 979253

Ion Ratio Lower Upper

43 100

72 25.8 21.1 31.7



#26

2,2-Dichloropropane

Concen: 131.709 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062758.D

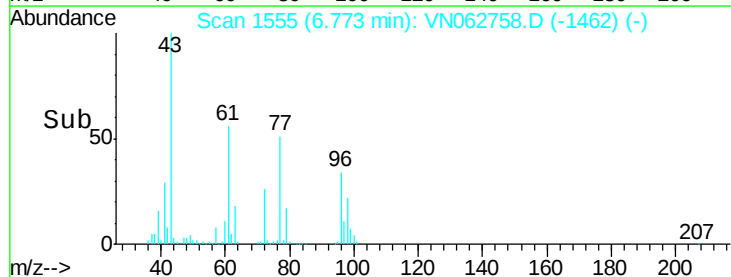
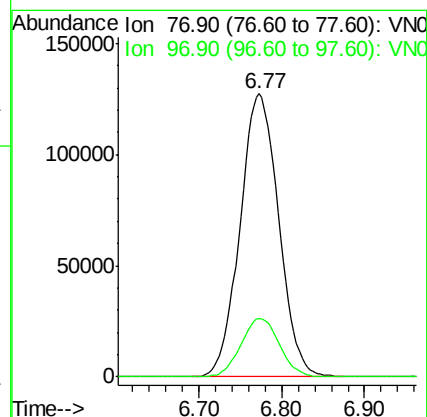
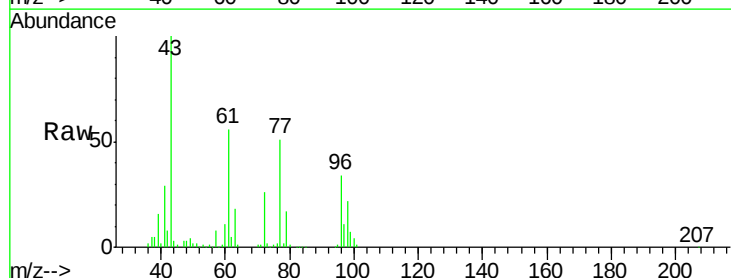
Acq: 5 Aug 2020 13:04

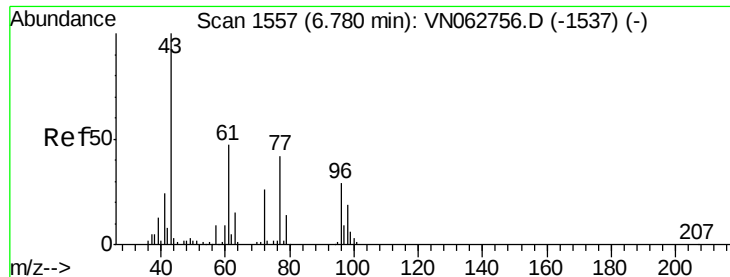
Tgt Ion: 77 Resp: 412753

Ion Ratio Lower Upper

77 100

97 20.5 10.5 31.6

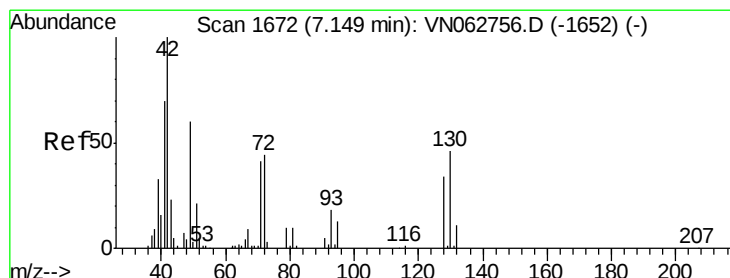
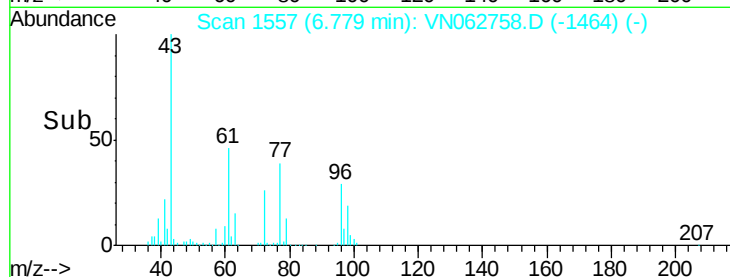
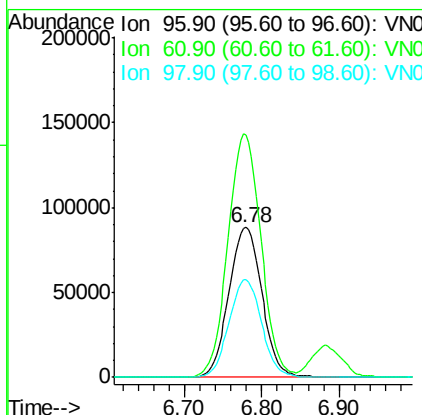
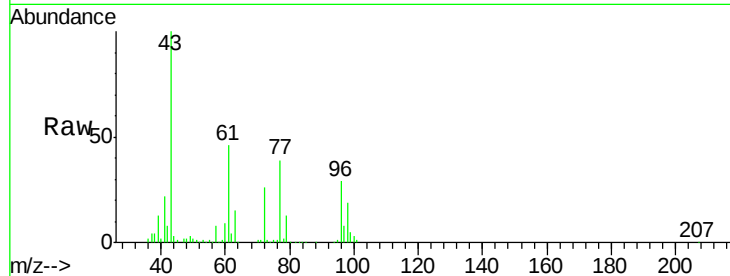




#27
 cis-1,2-Dichloroethene
 Concen: 128.441 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

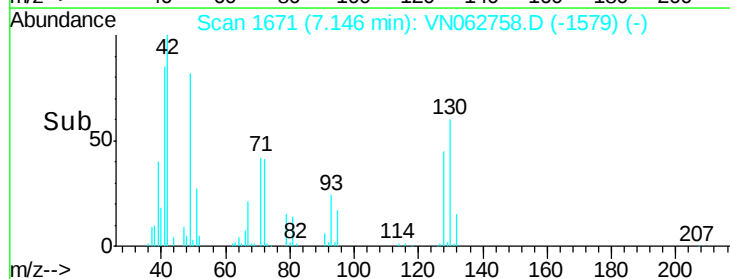
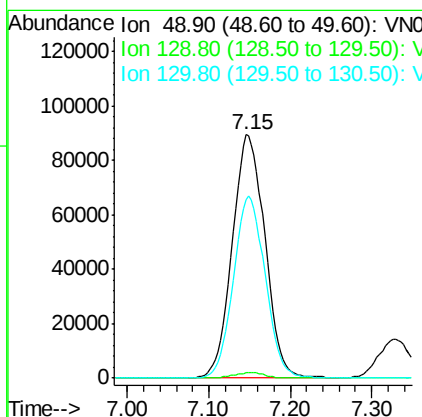
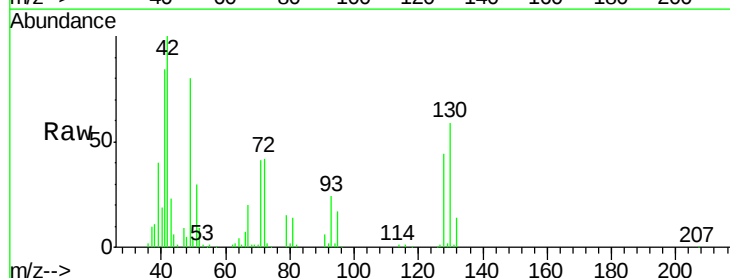
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

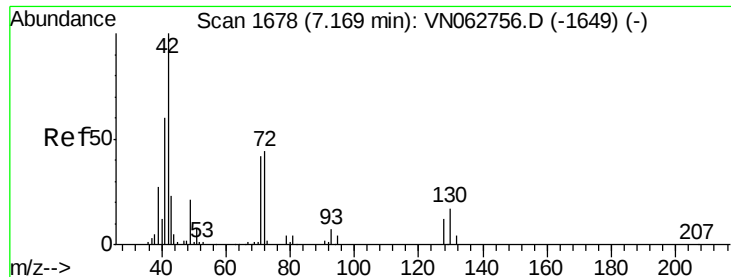
Tgt Ion: 96 Resp: 263082
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 332.2
 98 64.1 0.0 129.4



#28
 Bromochloromethane
 Concen: 136.661 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 49 Resp: 249704
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.2
 130 72.6 59.0 88.6

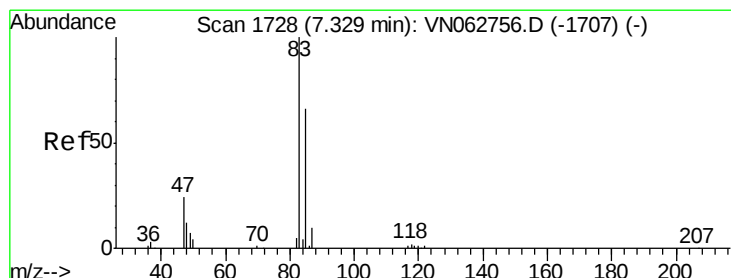
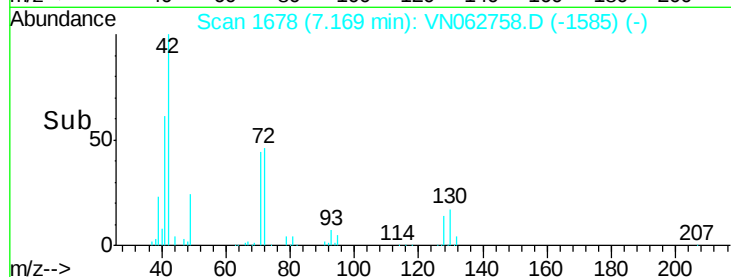
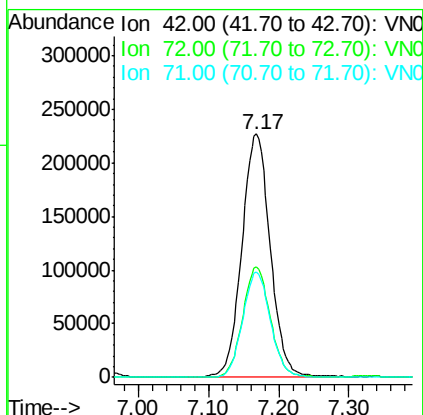
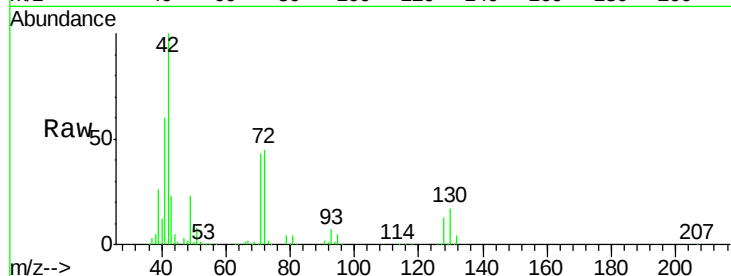




#29
Tetrahydrofuran
Concen: 688.824 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

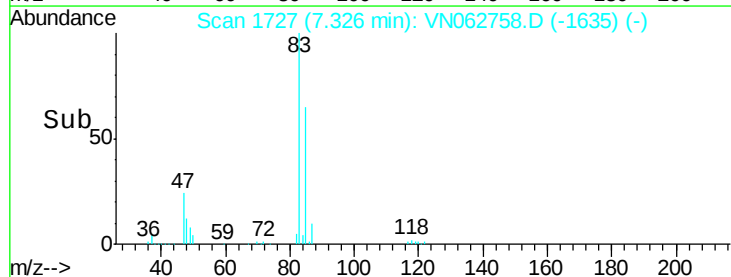
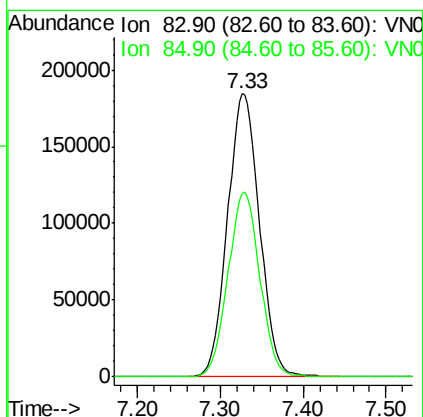
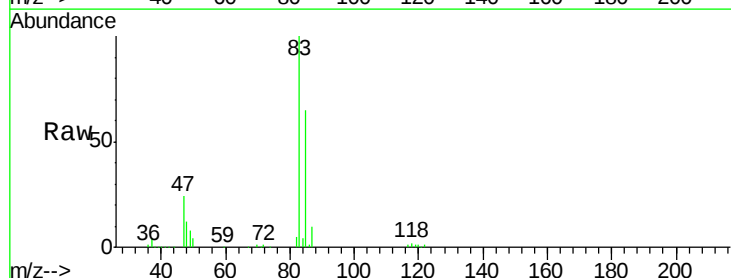
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

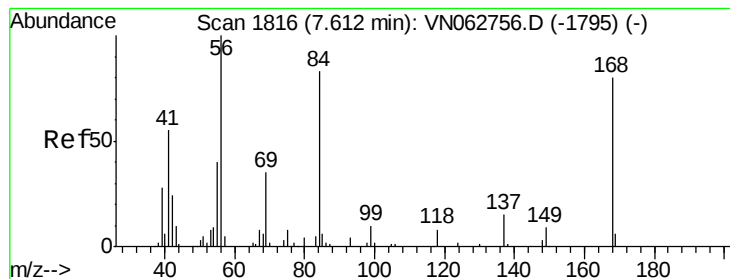
Tgt Ion: 42 Resp: 634296
Ion Ratio Lower Upper
42 100
72 44.5 35.0 52.4
71 42.3 33.2 49.8



#30
Chloroform
Concen: 136.380 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 83 Resp: 494531
Ion Ratio Lower Upper
83 100
85 65.1 52.7 79.1





#31

Cyclohexane

Concen: 128.120 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

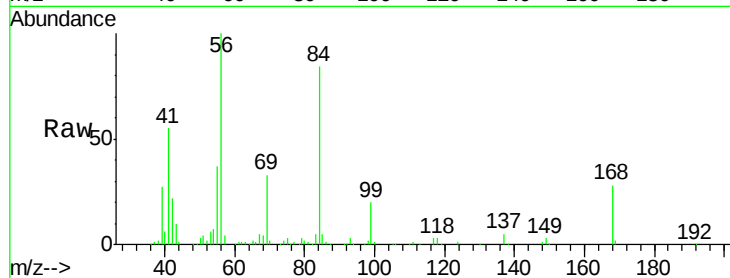
Tgt Ion: 56 Resp: 444132

Ion Ratio Lower Upper

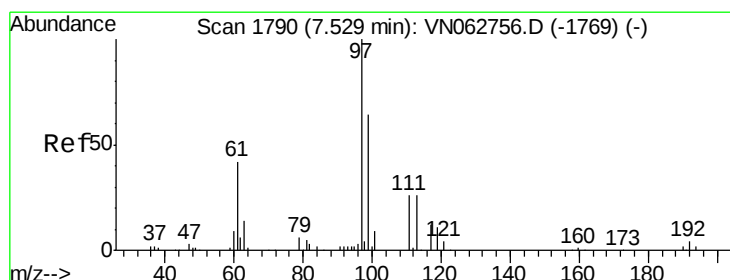
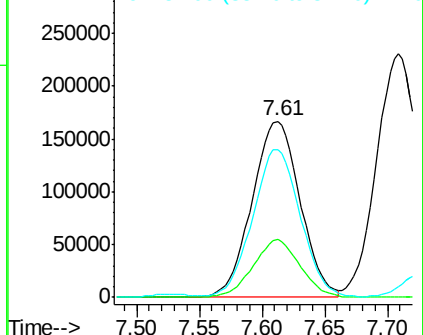
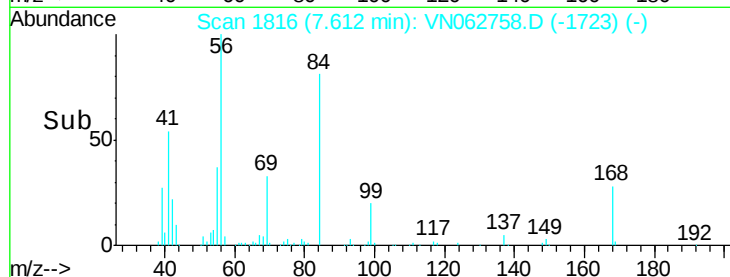
56 100

69 32.9 28.1 42.1

84 82.8 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062758.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 144.747 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

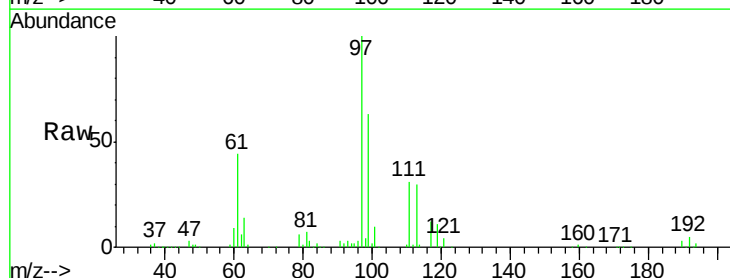
Tgt Ion: 97 Resp: 444648

Ion Ratio Lower Upper

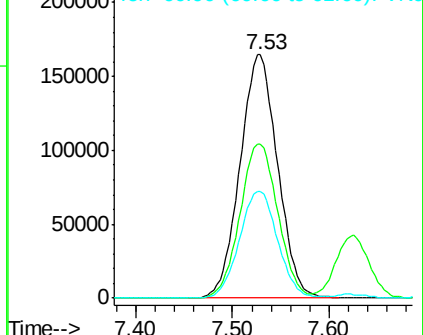
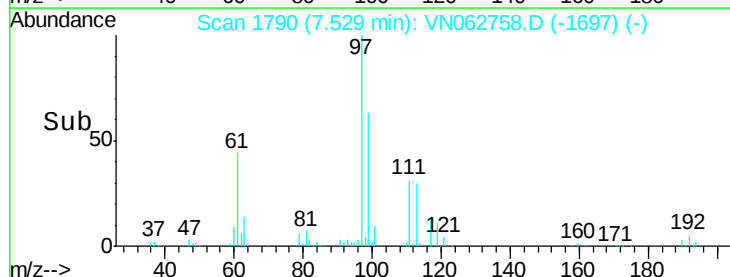
97 100

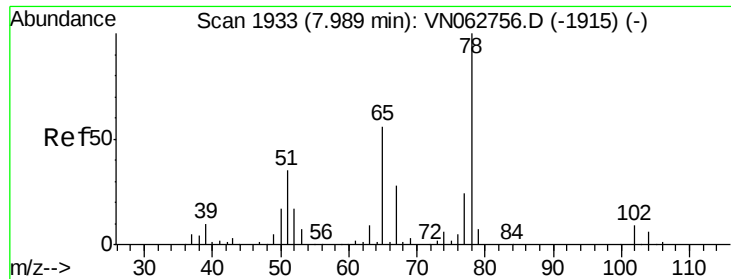
99 64.1 50.0 75.0

61 44.6 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN062758.D (-1697) (-)

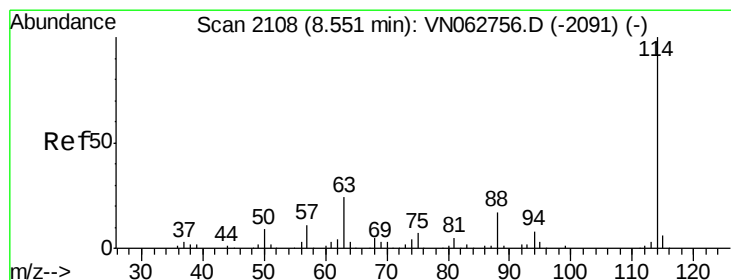
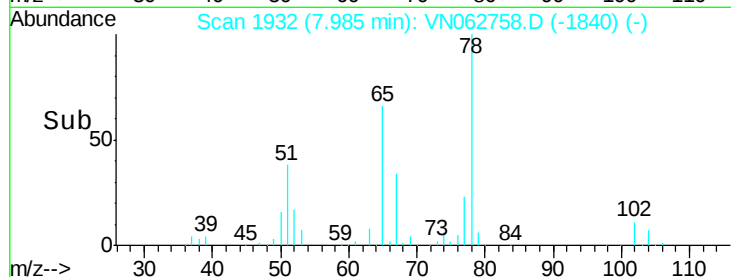
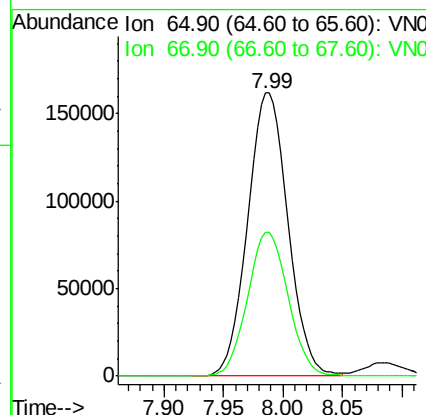
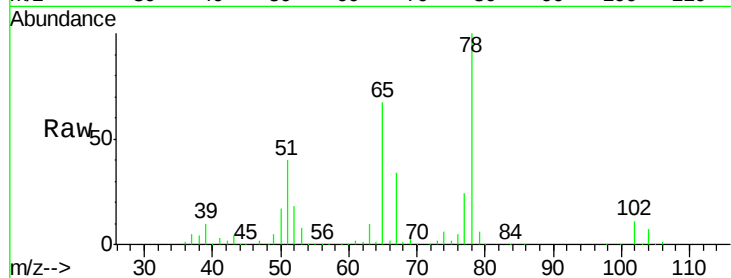




#33
 1,2-Dichloroethane-d4
 Concen: 156.871 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

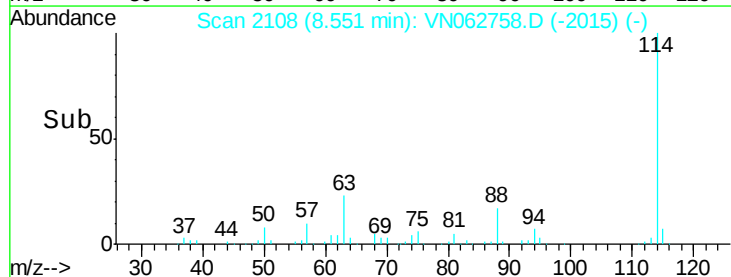
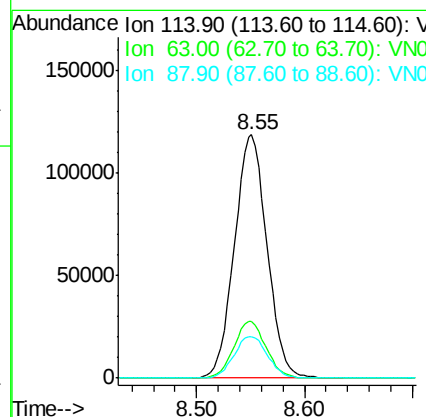
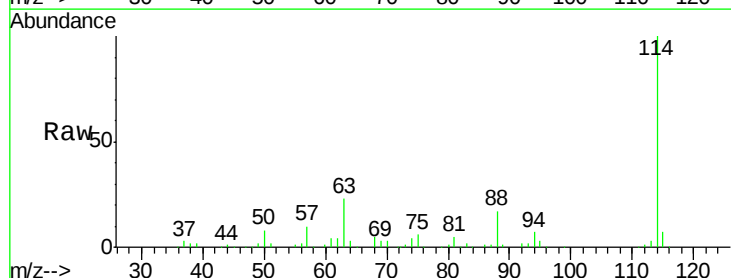
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

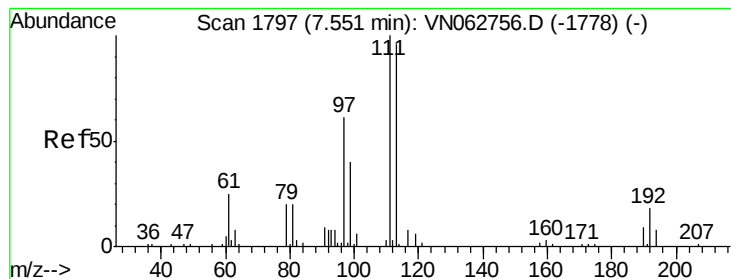
Tgt Ion: 65 Resp: 379963
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 114 Resp: 249338
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.6
 88 17.0 0.0 34.4





#35

Dibromofluoromethane

Concen: 156.013 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

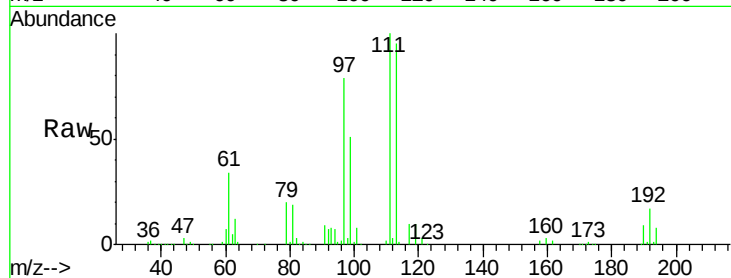
Tgt Ion:113 Resp: 255890

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.6

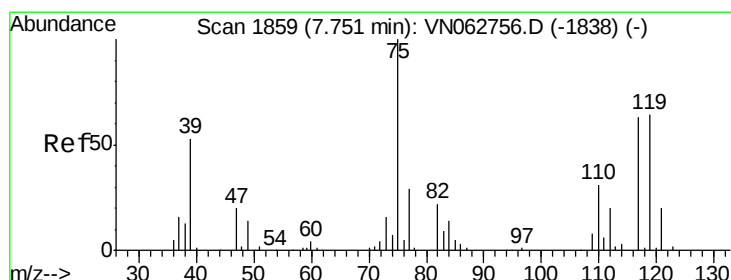
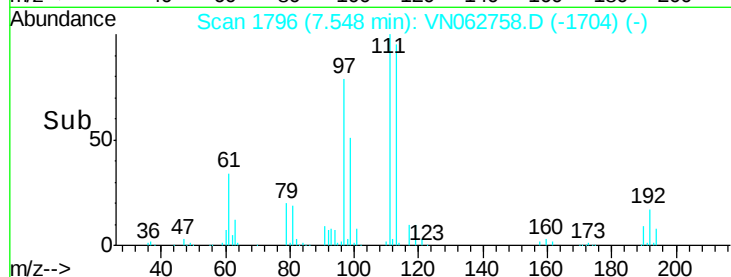
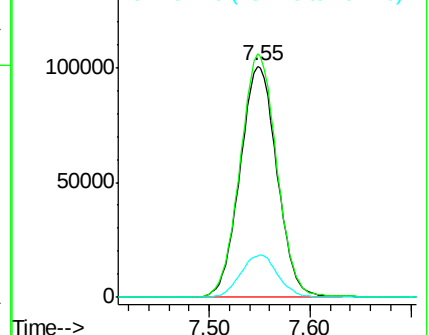
192 18.5 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 132.304 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

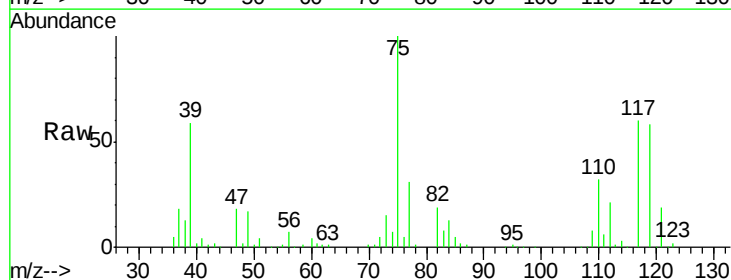
Tgt Ion: 75 Resp: 345900

Ion Ratio Lower Upper

75 100

110 32.0 15.6 46.7

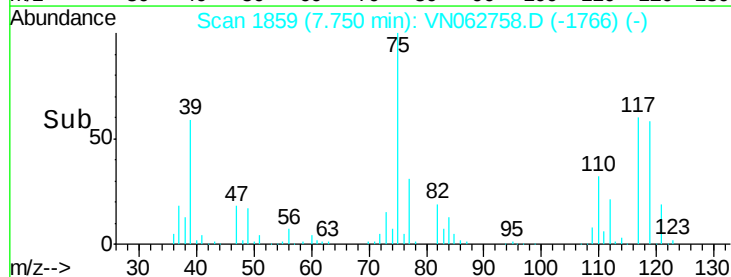
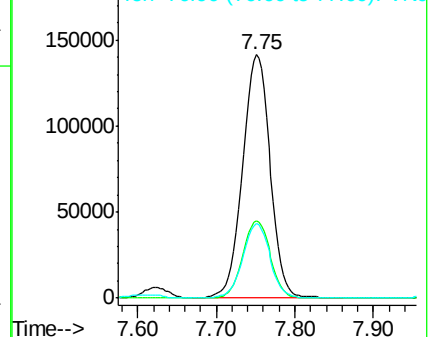
77 30.6 24.1 36.1

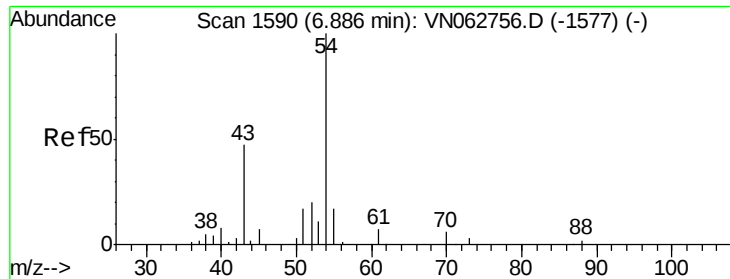


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

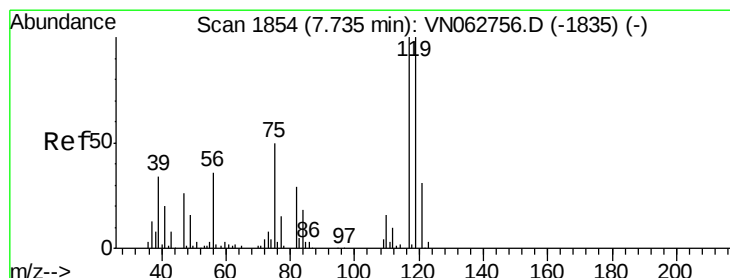
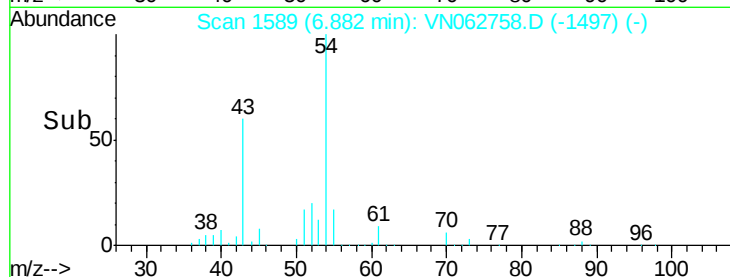
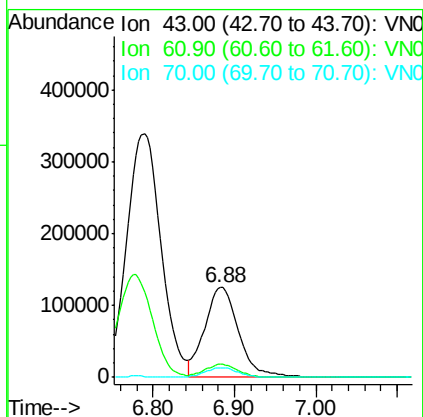
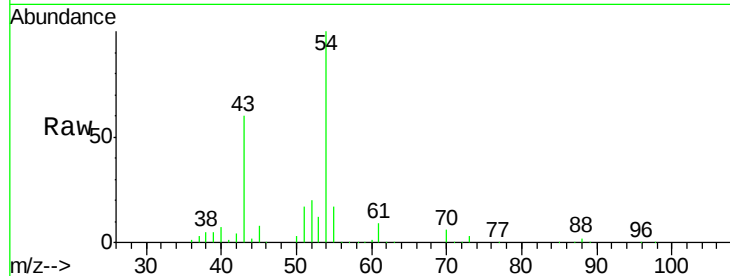




#37
Ethyl Acetate
Concen: 129.035 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

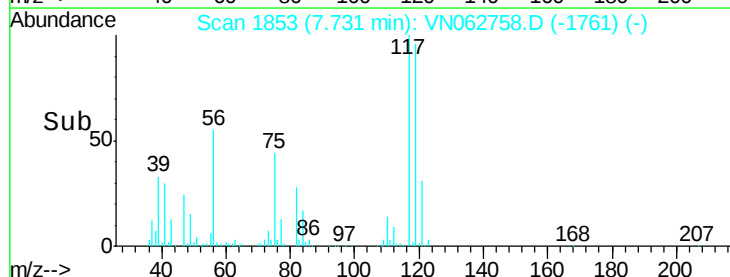
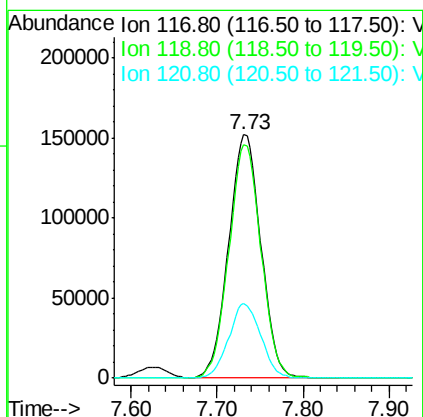
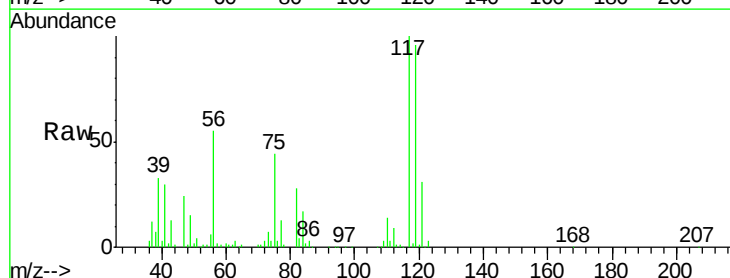
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

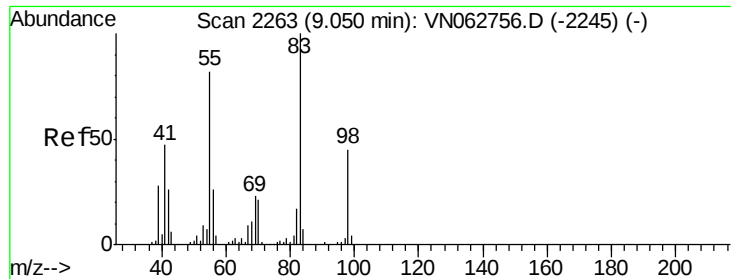
Tgt Ion: 43 Resp: 360606
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 153.239 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 117 Resp: 394256
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.2
121 30.6 24.9 37.3

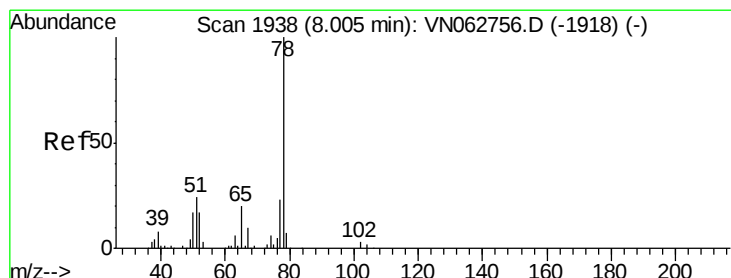
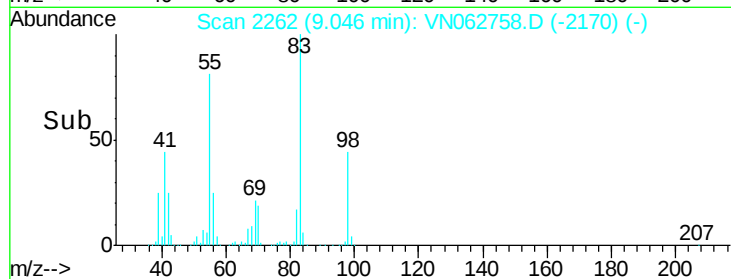
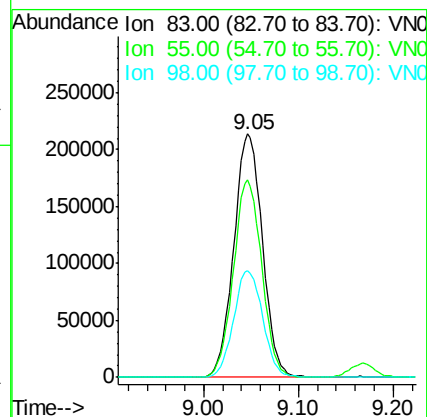
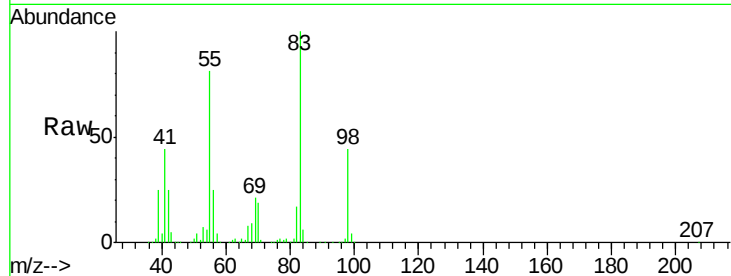




#39
Methylcyclohexane
Concen: 157.477 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

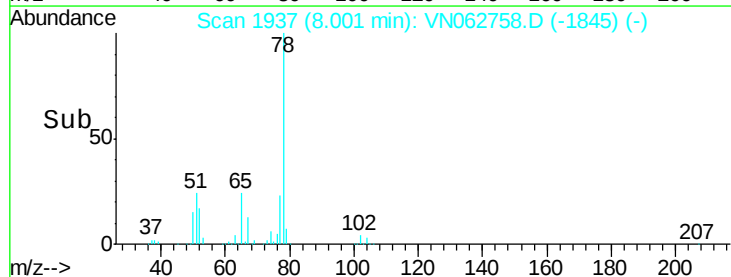
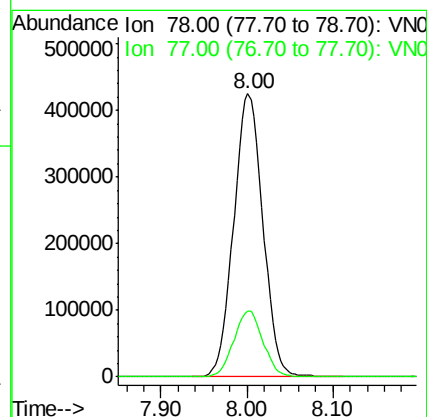
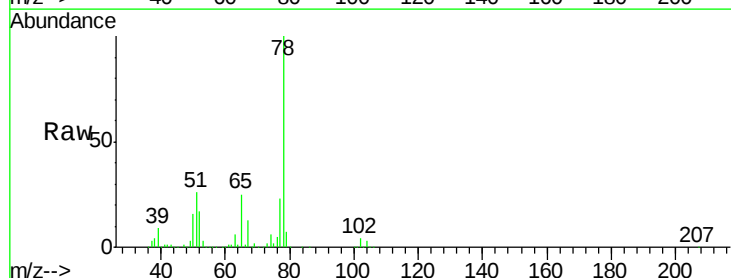
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

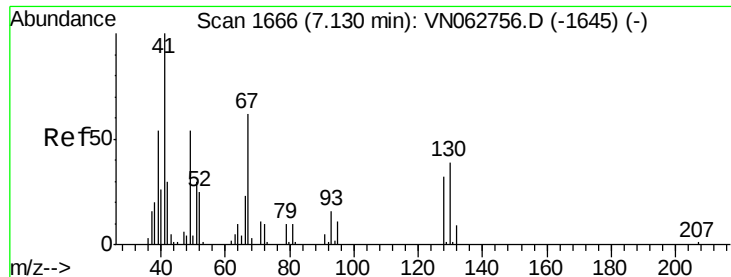
Tgt Ion: 83 Resp: 450600
Ion Ratio Lower Upper
83 100
55 81.0 65.7 98.5
98 43.8 35.6 53.4



#40
Benzene
Concen: 127.602 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 78 Resp: 1003095
Ion Ratio Lower Upper
78 100
77 23.2 18.1 27.1





#41

Methacrylonitrile

Concen: 137.691 ug/l

RT: 7.13 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 170814

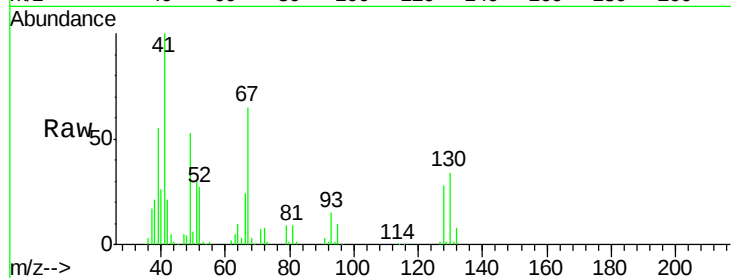
Ion Ratio Lower Upper

41 100

39 65.6 69.4 104.2#

67 90.4 0.0 0.0#

52 38.4 0.0 0.0#



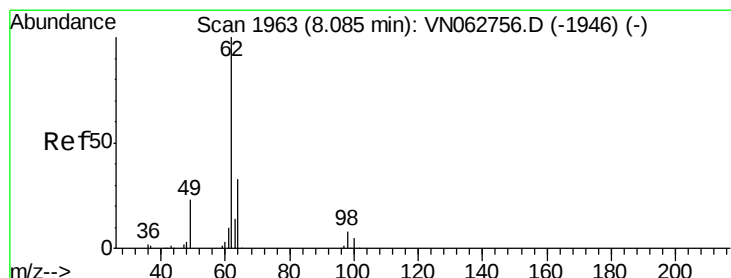
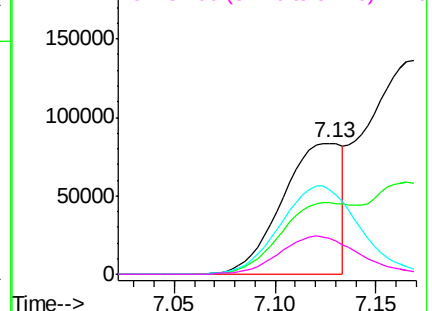
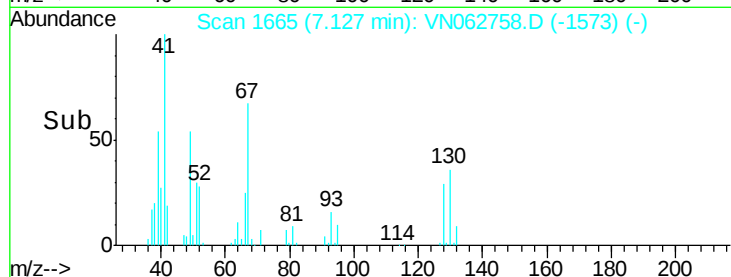
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 143.960 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN062758.D

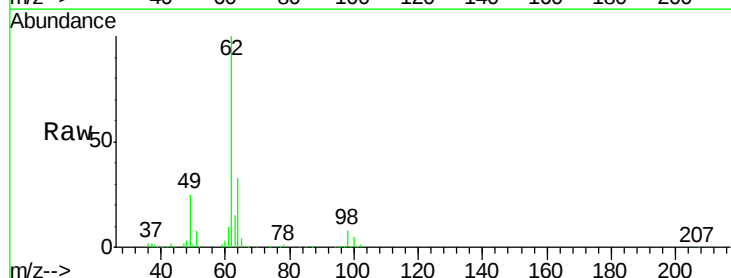
Acq: 5 Aug 2020 13:04

Tgt Ion: 62 Resp: 424746

Ion Ratio Lower Upper

62 100

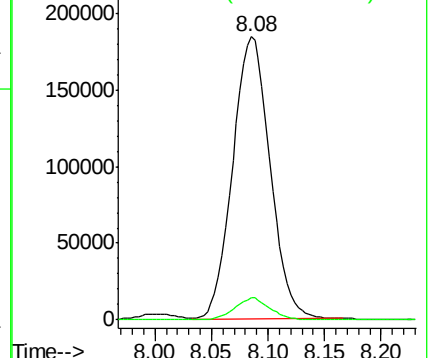
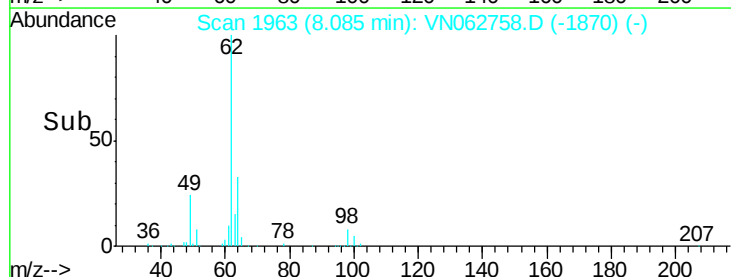
98 7.4 0.0 15.8

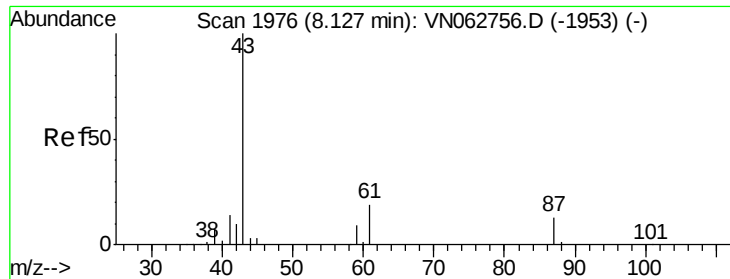


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC

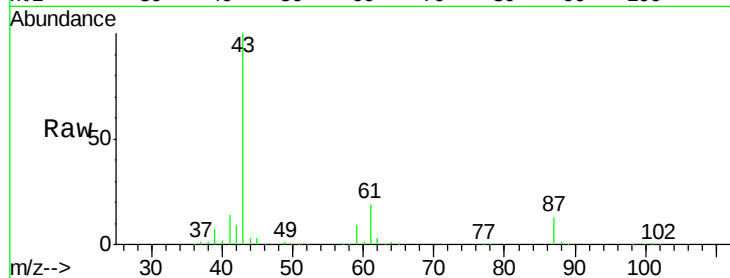




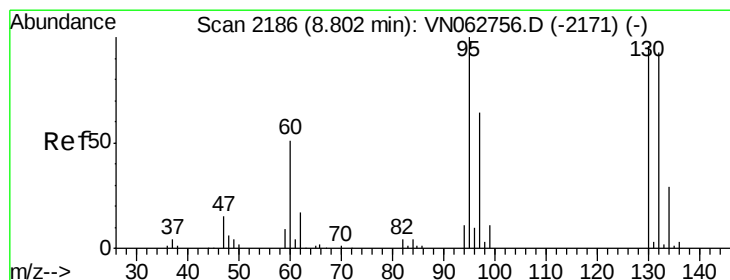
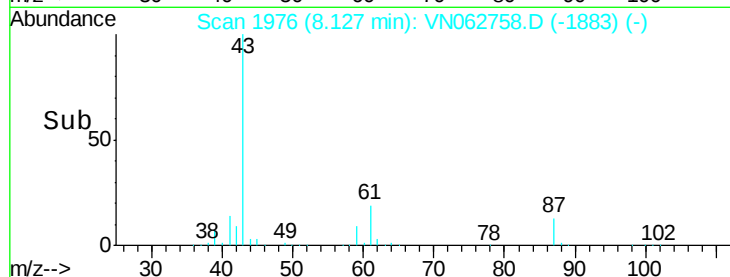
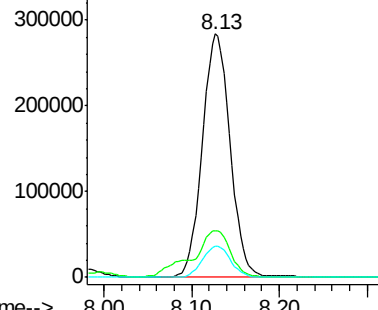
#43
Isopropyl Acetate
Concen: 138.473 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 624719
Ion Ratio Lower Upper
43 100
61 19.6 15.8 23.6
87 12.9 9.9 14.9

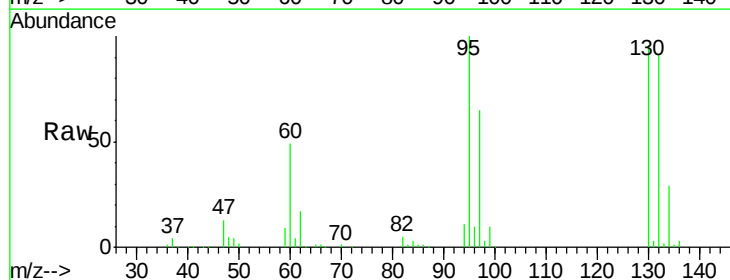


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

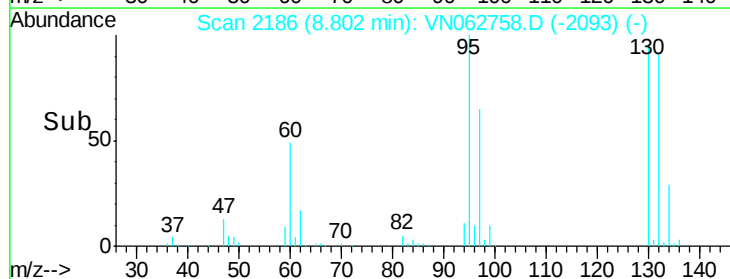
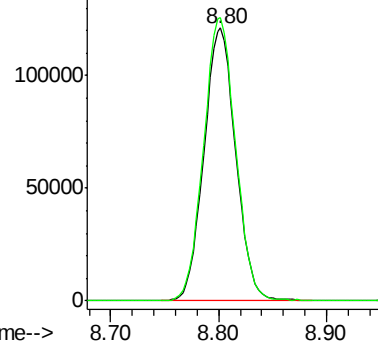


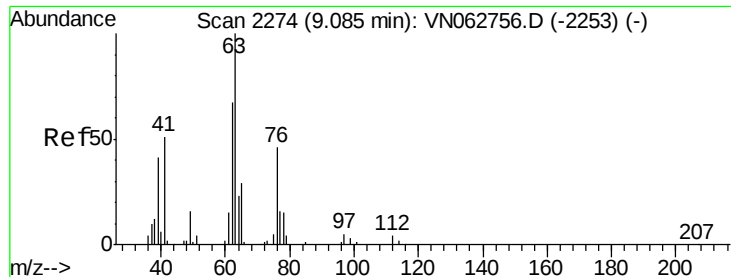
#44
Trichloroethene
Concen: 138.991 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:130 Resp: 248920
Ion Ratio Lower Upper
130 100
95 103.7 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 128.034 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

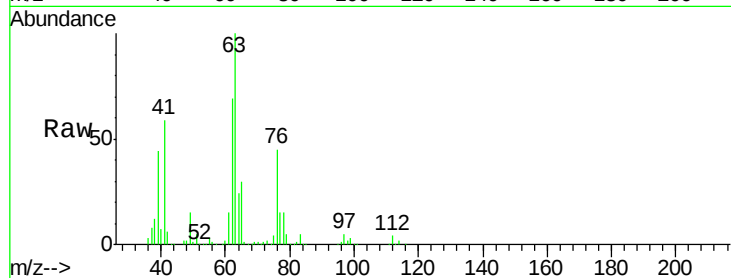
VSTDIC150

Tgt Ion: 63 Resp: 282447

Ion Ratio Lower Upper

63 100

65 30.3 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.08

150000

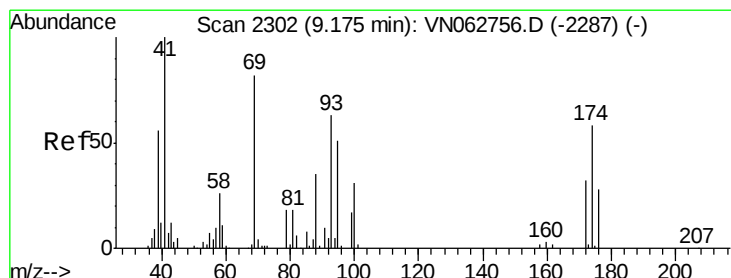
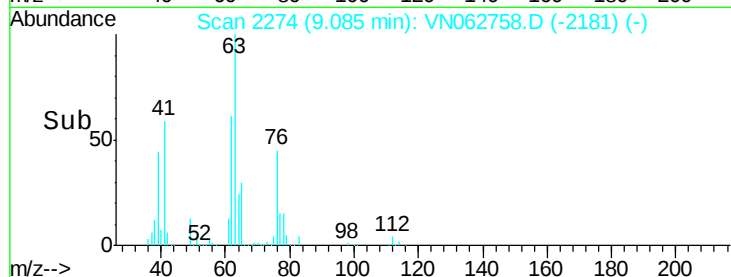
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 142.979 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

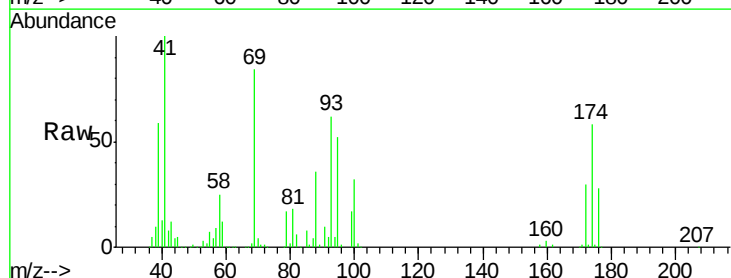
Tgt Ion: 93 Resp: 185383

Ion Ratio Lower Upper

93 100

95 82.8 65.1 97.7

174 92.3 73.9 110.9



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.17

120000

100000

80000

60000

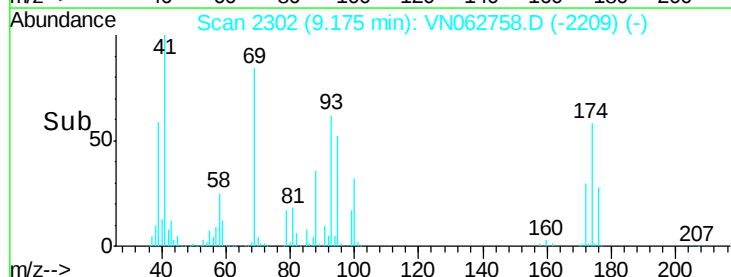
40000

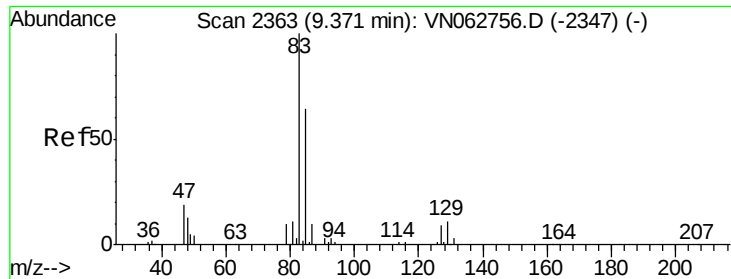
20000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 149.297 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

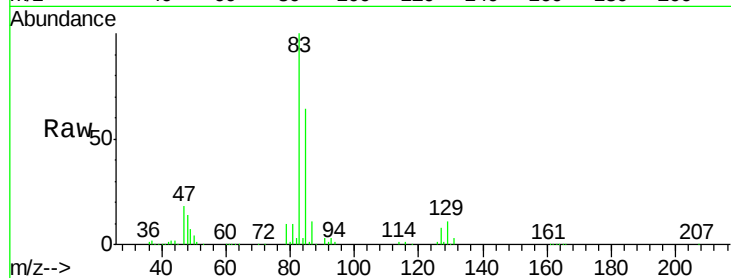
Tgt Ion: 83 Resp: 424319

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

127 8.2 6.9 10.3

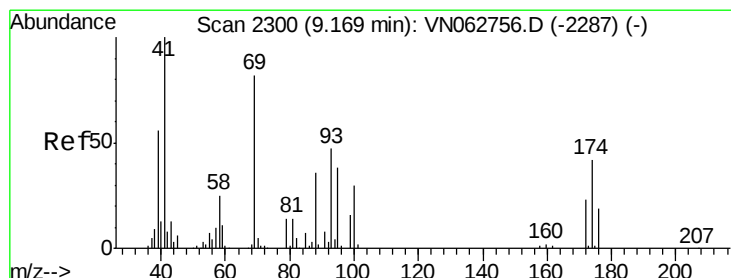
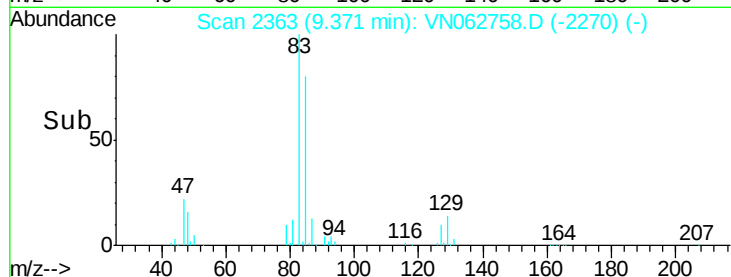


Abundance Ion 82.90 (82.60 to 83.60): VN062758.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062758.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062758.D (-2270) (-)

Time-->



#48

Methyl methacrylate

Concen: 145.666 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

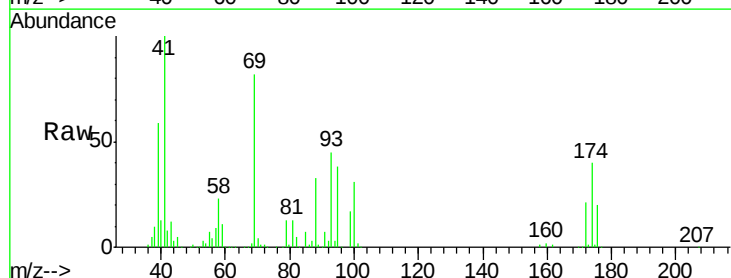
Tgt Ion: 41 Resp: 315253

Ion Ratio Lower Upper

41 100

69 85.4 67.4 101.2

39 60.0 47.6 71.4

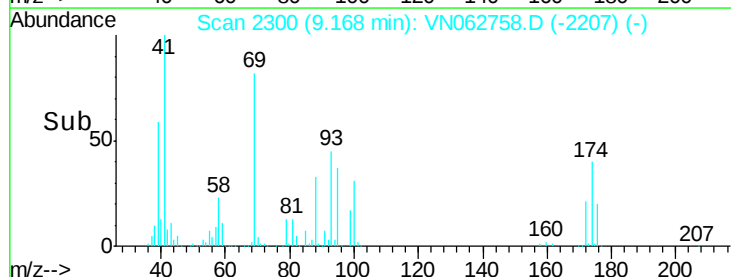


Abundance Ion 41.00 (40.70 to 41.70): VN062758.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062758.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062758.D (-2207) (-)

Time-->

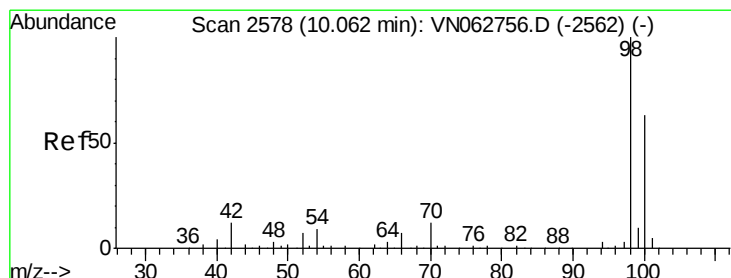
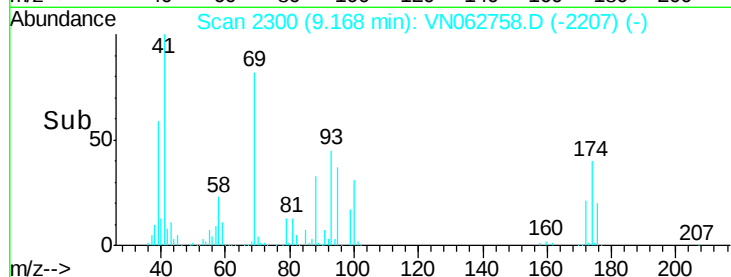
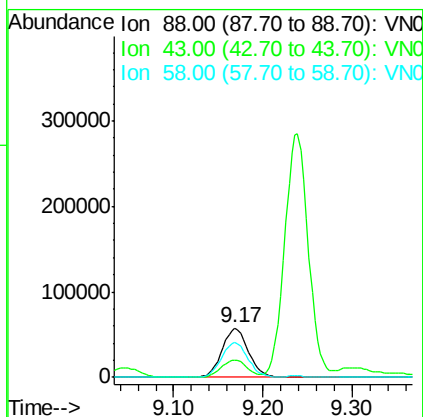
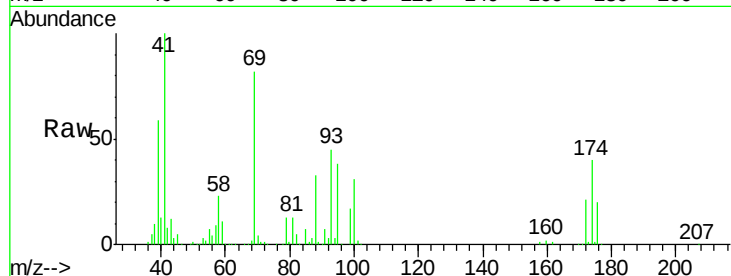




#49
1,4-Dioxane
Concen: 3412.008 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

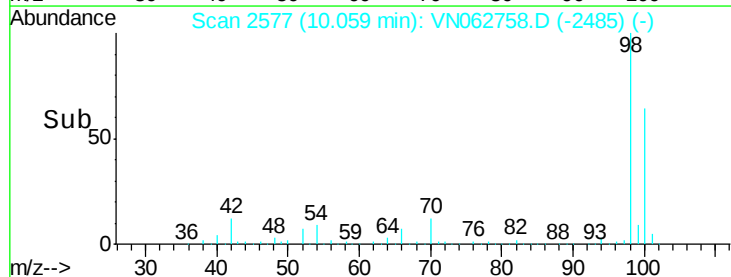
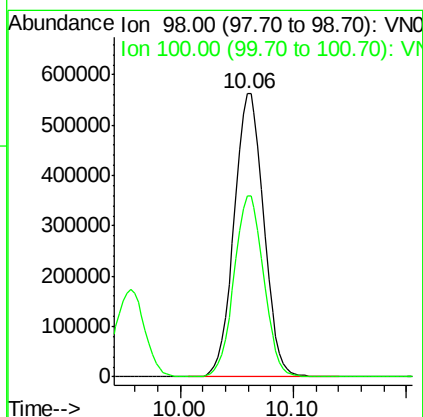
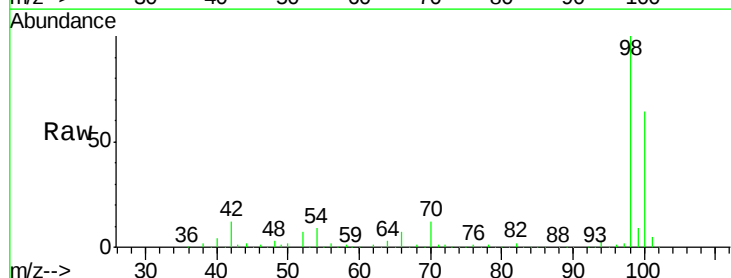
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

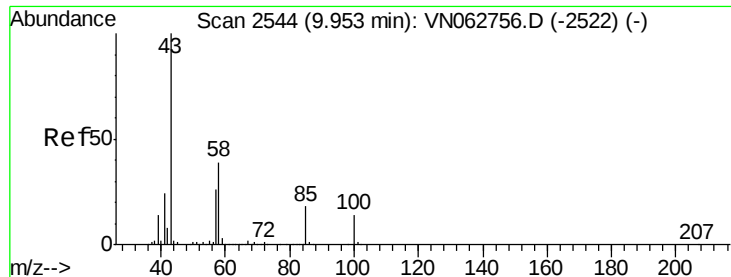
Tgt Ion: 88 Resp: 118162
Ion Ratio Lower Upper
88 100
43 34.0 29.5 44.3
58 70.8 59.8 89.8



#50
Toluene-d8
Concen: 157.449 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 98 Resp: 1028797
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

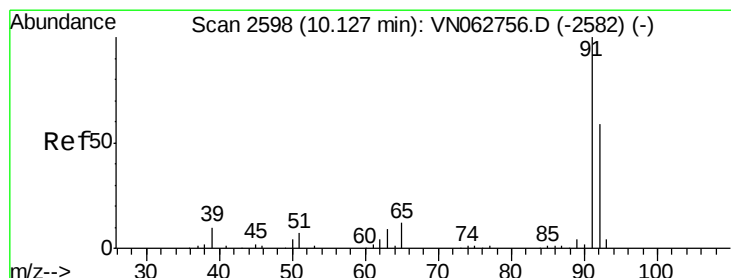
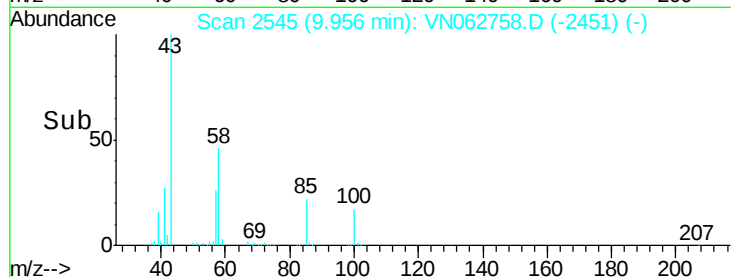
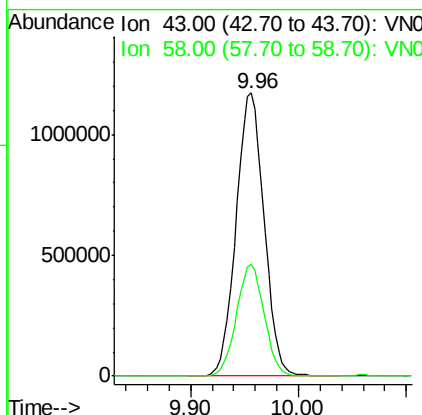
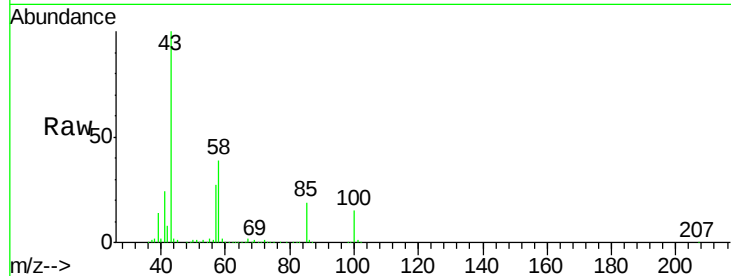




#51
 4-Methyl-2-Pentanone
 Concen: 772.875 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

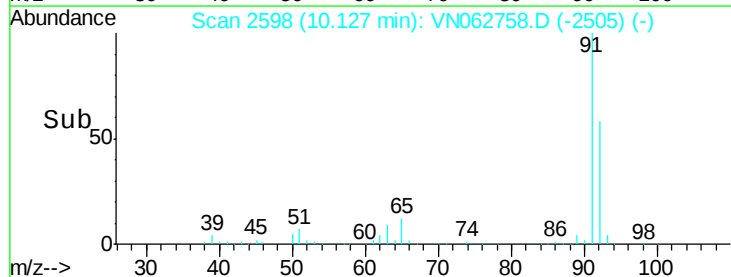
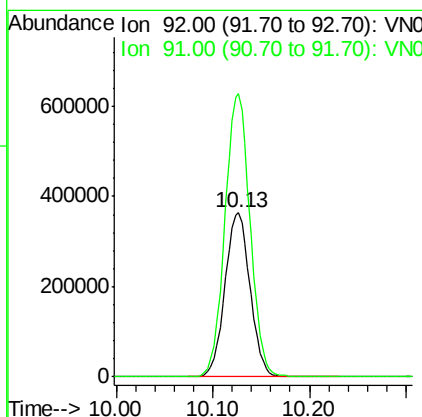
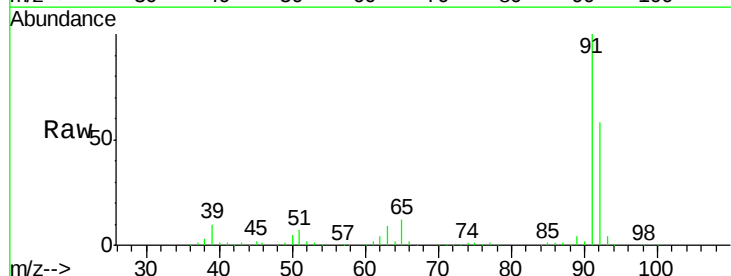
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

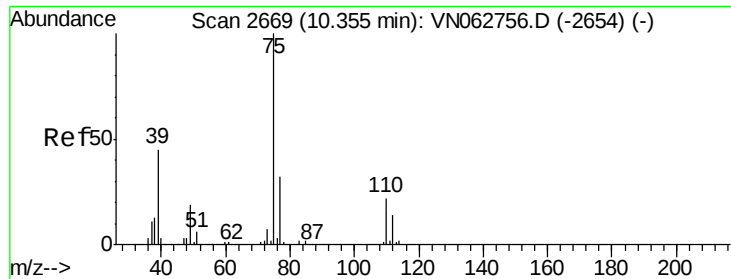
Tgt Ion: 43 Resp: 2123581
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.1 46.7



#52
 Toluene
 Concen: 142.146 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 92 Resp: 655787
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 154.263 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

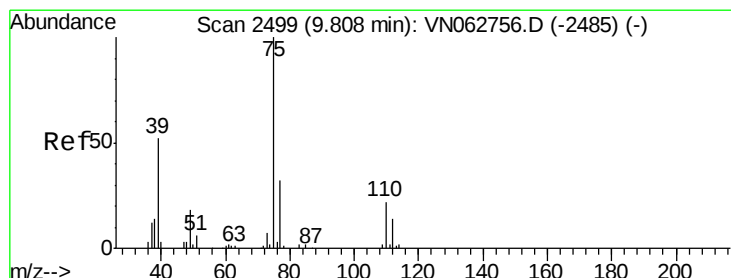
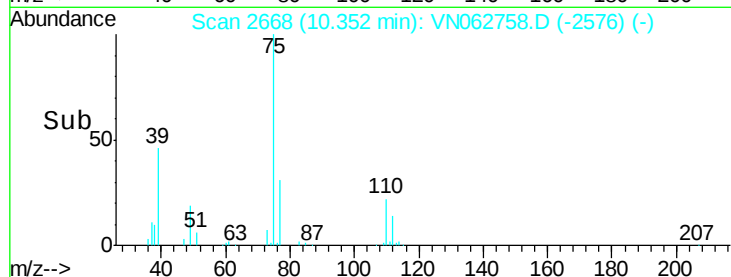
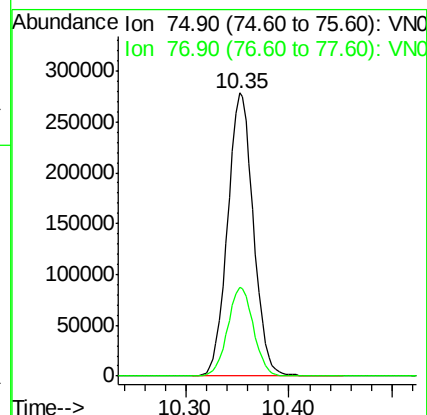
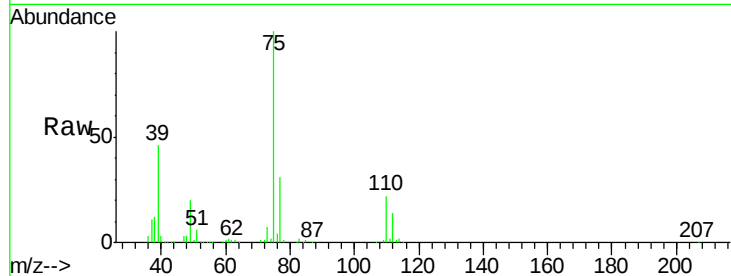
VSTDIC150

Tgt Ion: 75 Resp: 484619

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 145.180 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

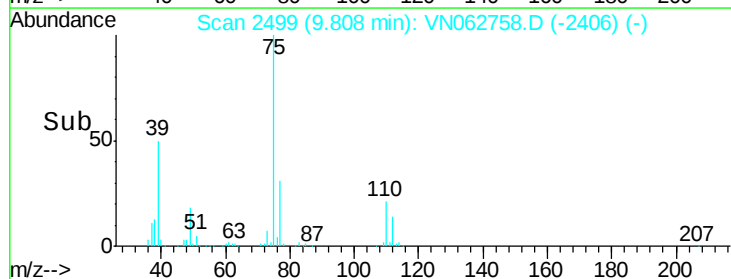
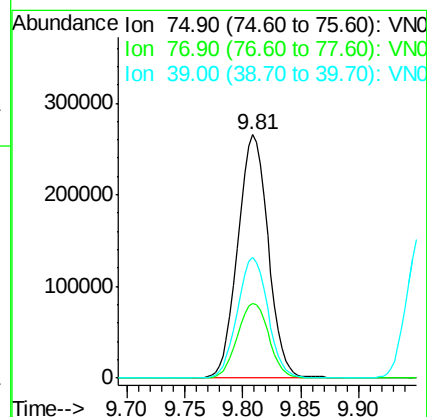
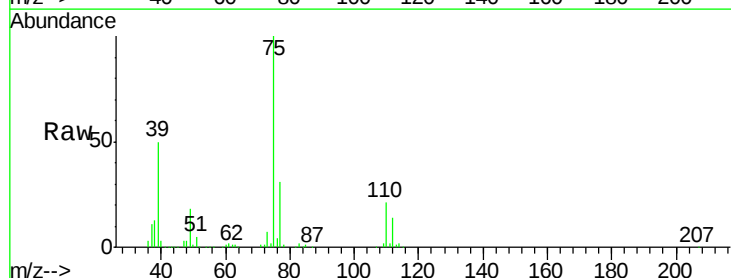
Tgt Ion: 75 Resp: 482469

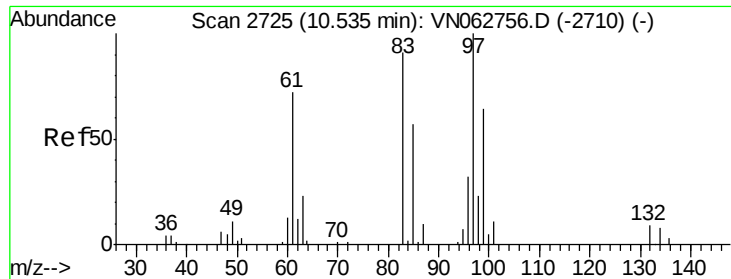
Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

39 49.6 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 148.078 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 267763

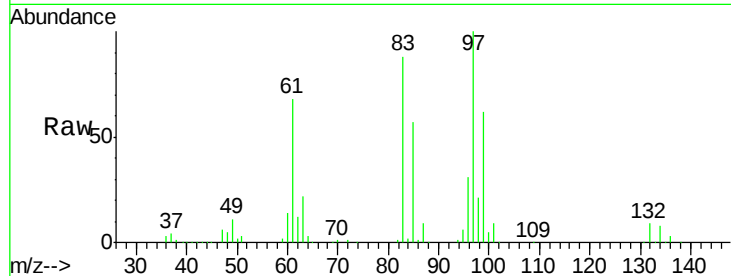
Ion Ratio Lower Upper

97 100

83 88.0 72.6 108.8

85 57.2 46.0 69.0

99 61.5 51.1 76.7

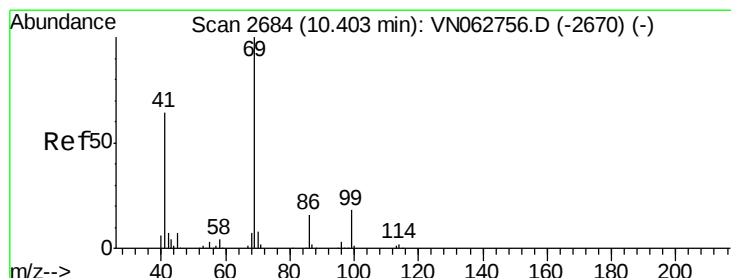
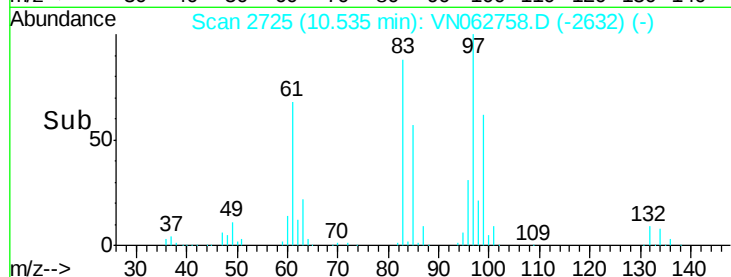
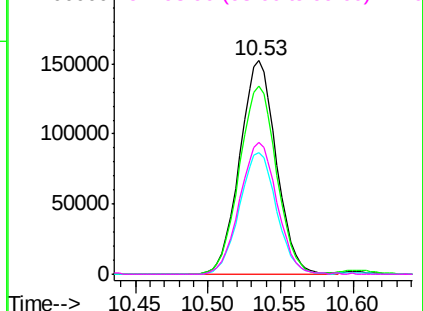


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



#56

Ethyl methacrylate

Concen: 167.291 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

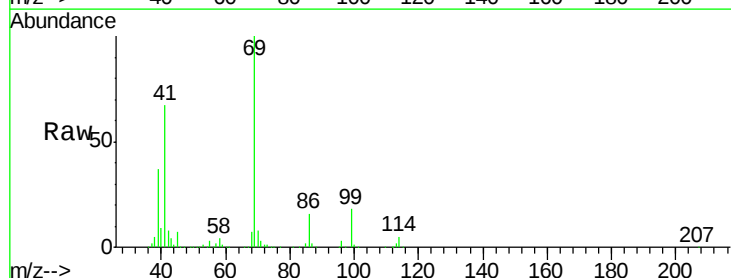
Tgt Ion: 69 Resp: 482548

Ion Ratio Lower Upper

69 100

41 65.8 52.2 78.2

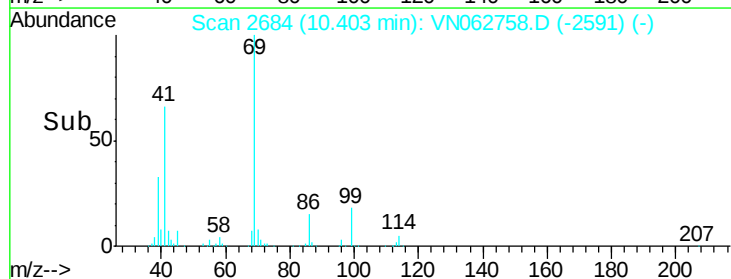
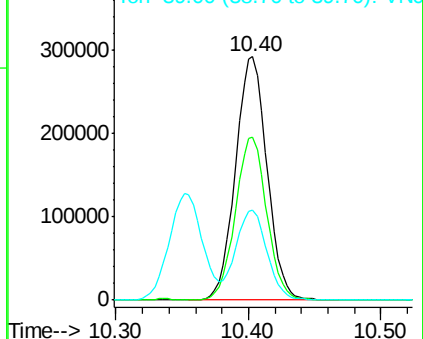
39 36.6 30.9 46.3

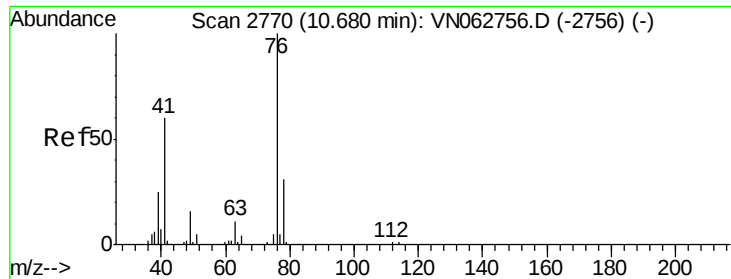


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

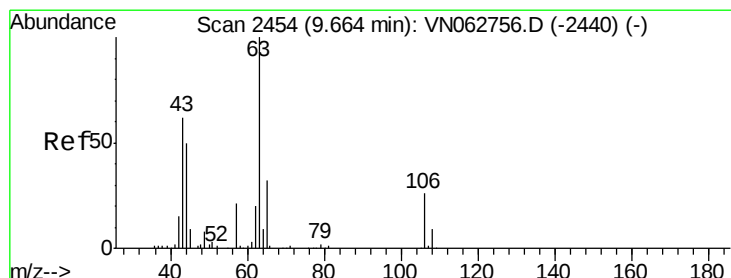
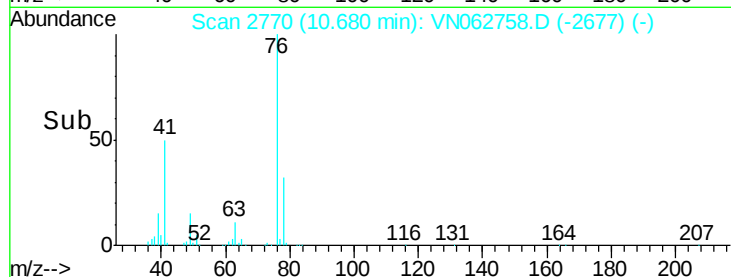
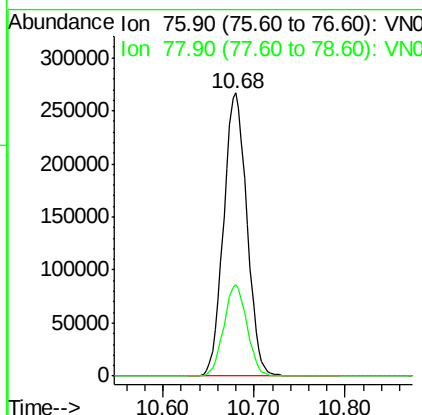
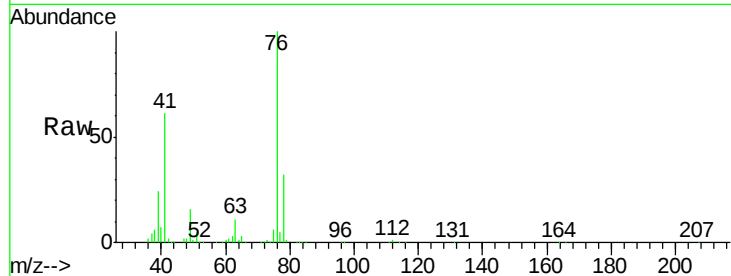




#57
 1,3-Dichloropropane
 Concen: 144.149 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

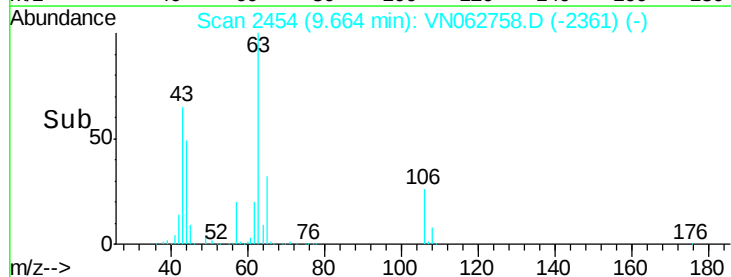
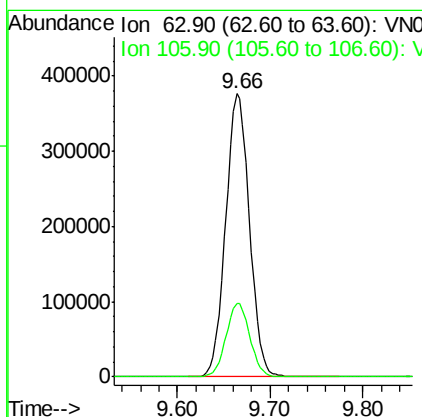
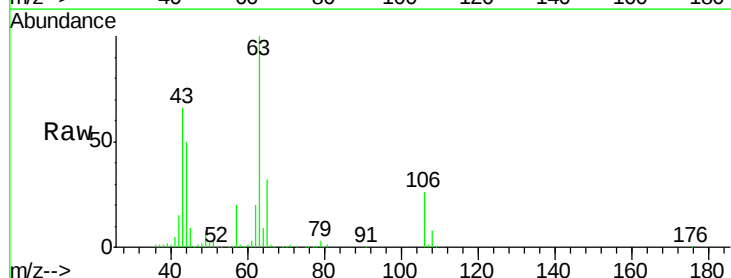
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

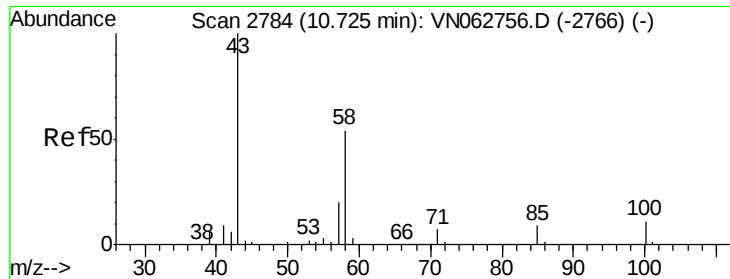
Tgt Ion: 76 Resp: 475033
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 822.974 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 63 Resp: 669177
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.9 31.3

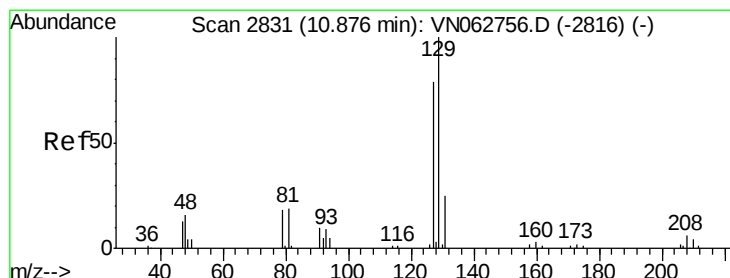
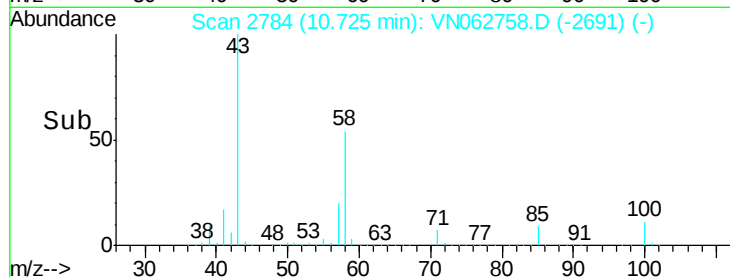
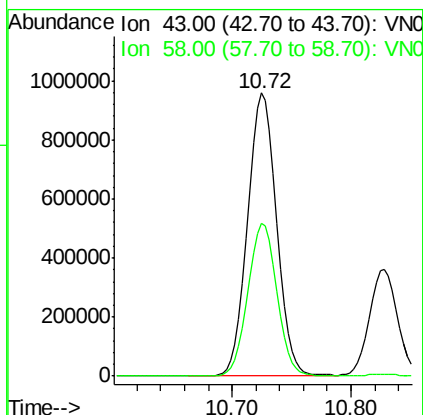
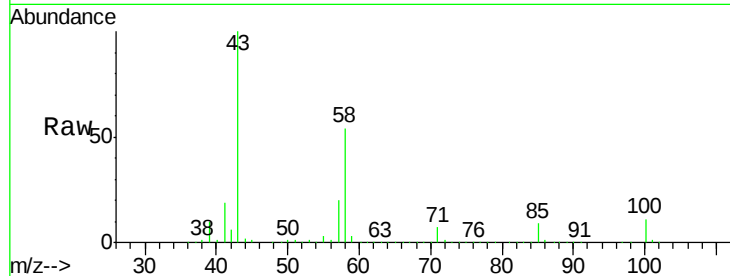




#59
2-Hexanone
Concen: 824.433 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

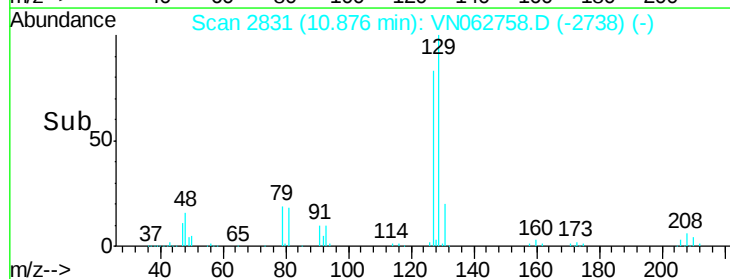
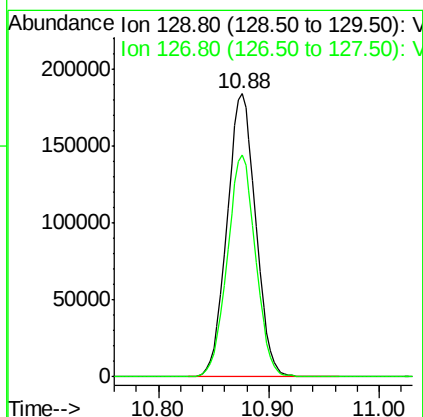
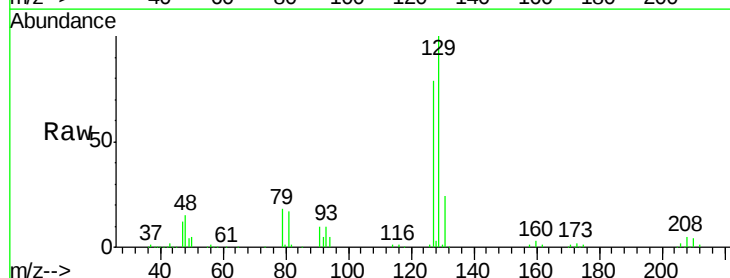
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

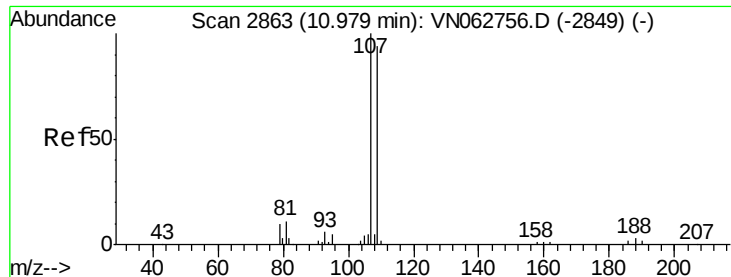
Tgt Ion: 43 Resp: 1619436
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.1



#60
Dibromochloromethane
Concen: 162.614 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 129 Resp: 331040
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

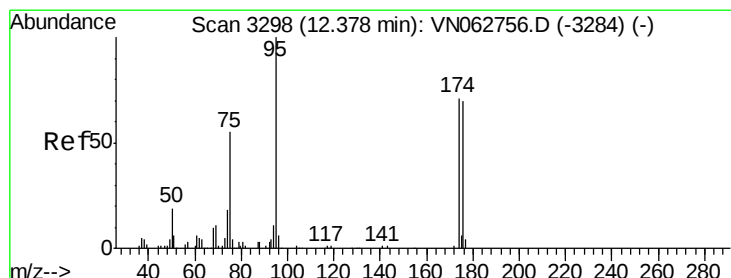
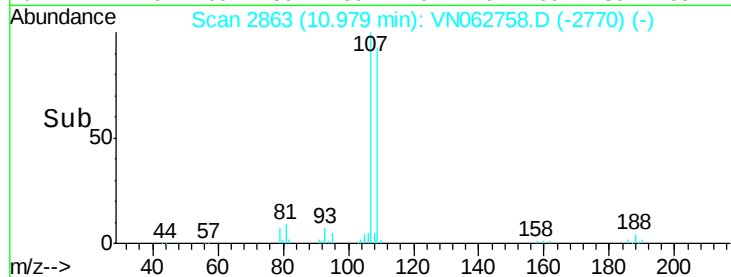
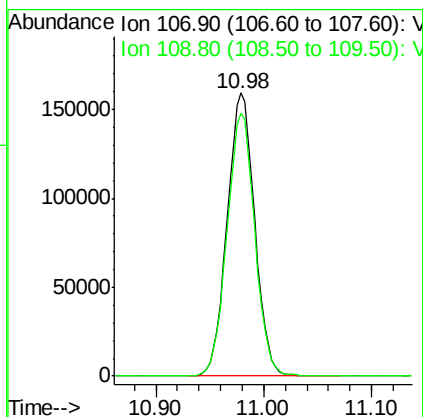
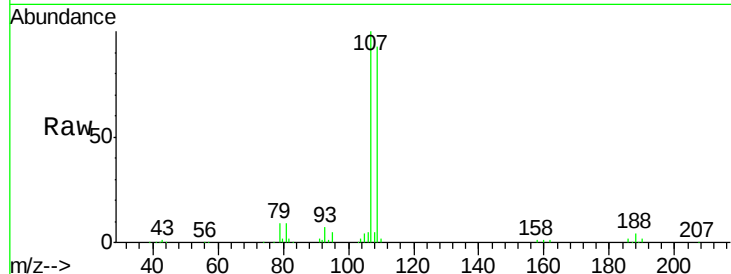




#61
 1,2-Dibromoethane
 Concen: 150.845 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

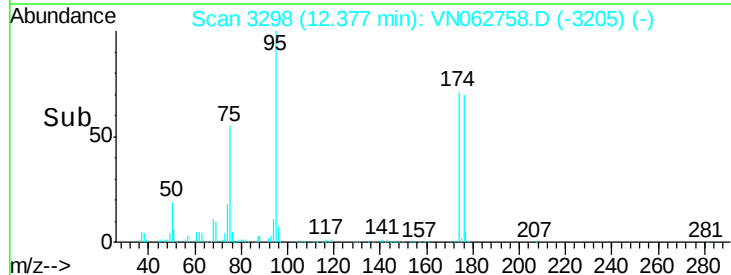
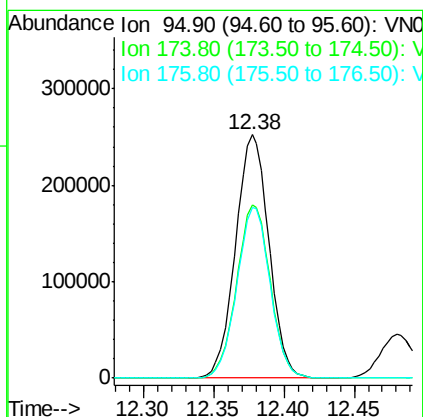
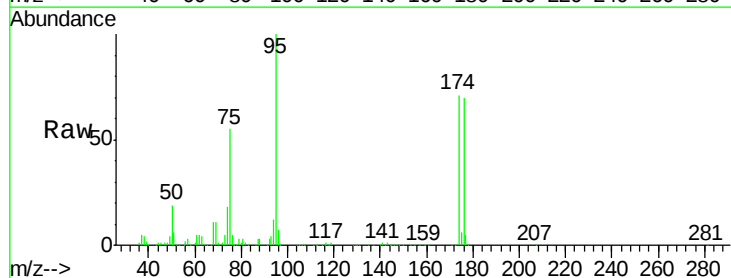
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

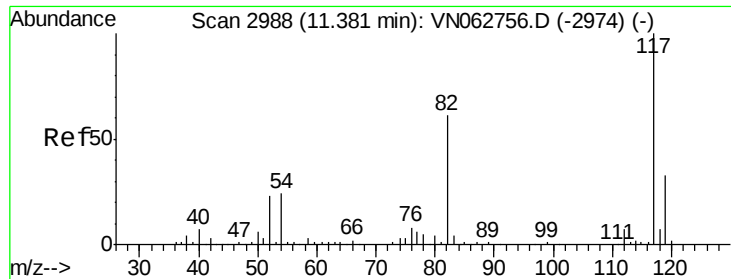
Tgt Ion: 107 Resp: 283151
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 174.428 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 95 Resp: 419624
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 144.8
 176 69.8 0.0 142.2

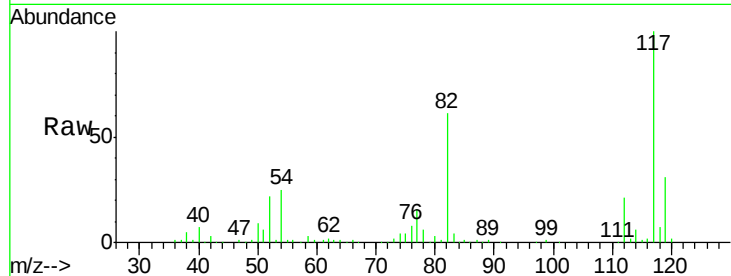




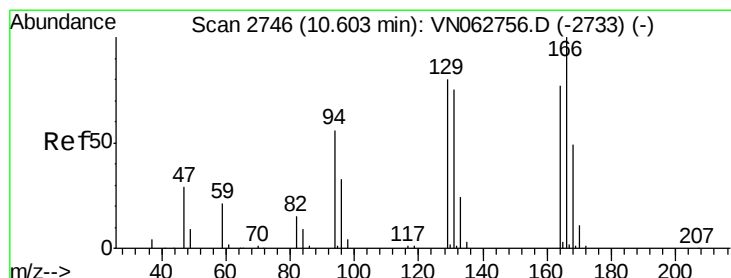
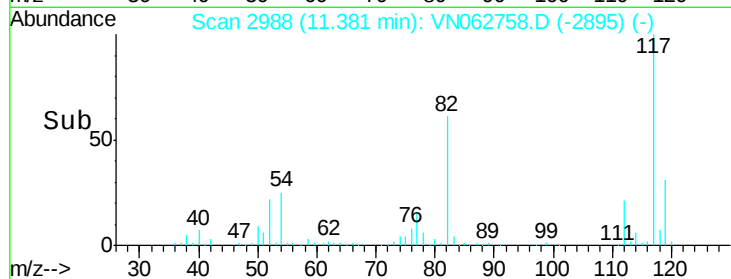
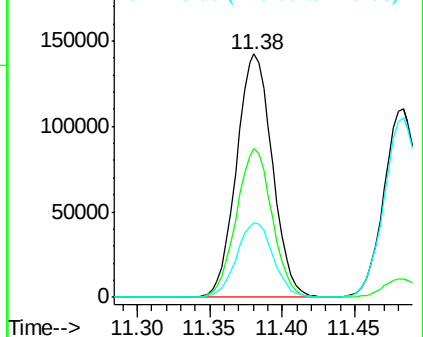
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 244491
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.4
119 30.7 26.2 39.2

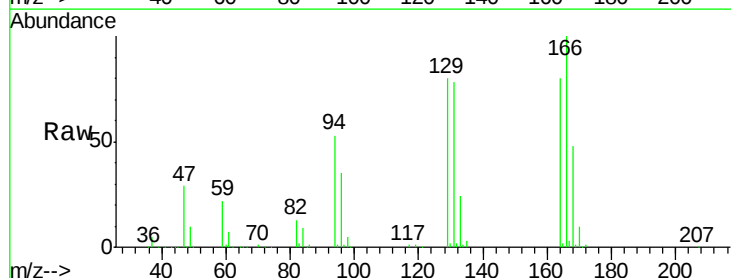


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

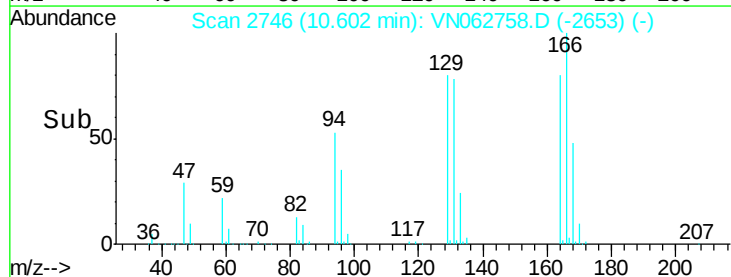
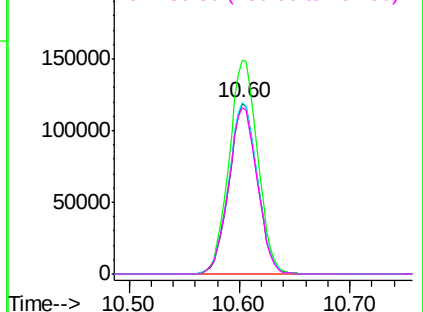


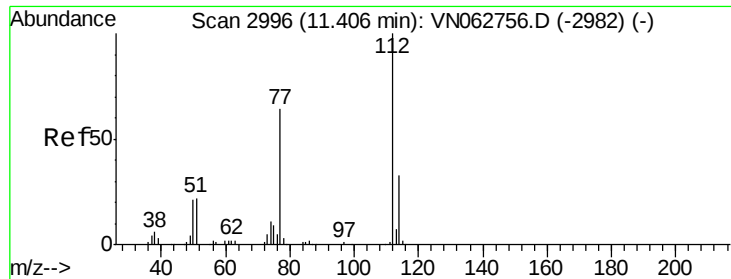
#64
Tetrachloroethene
Concen: 134.012 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:164 Resp: 212645
Ion Ratio Lower Upper
164 100
166 125.4 103.8 155.8
129 100.7 82.7 124.1
131 98.1 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

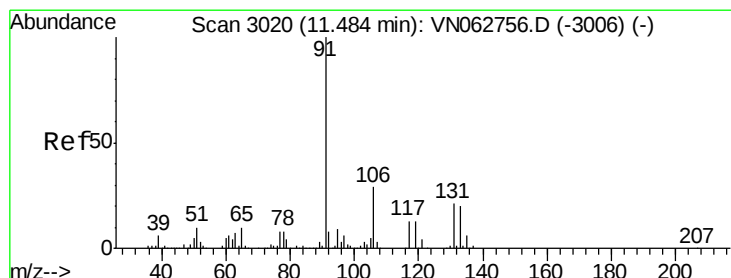
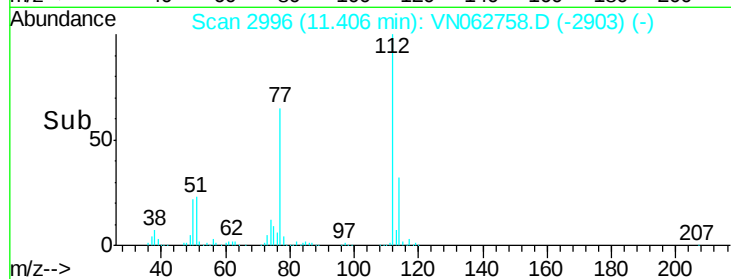
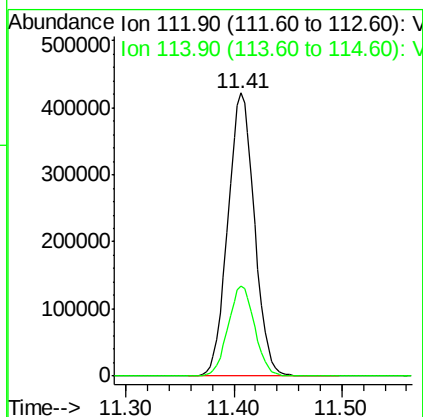
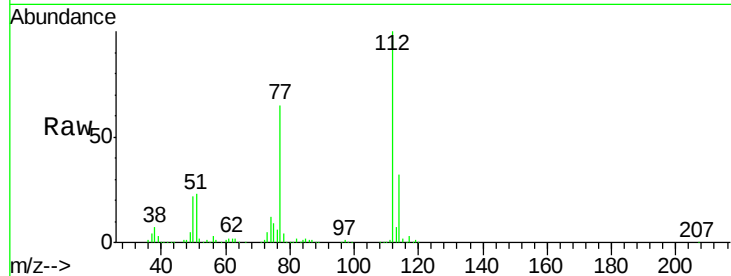




#65
Chlorobenzene
Concen: 141.601 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

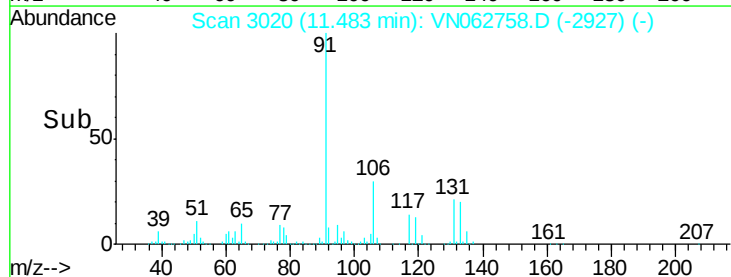
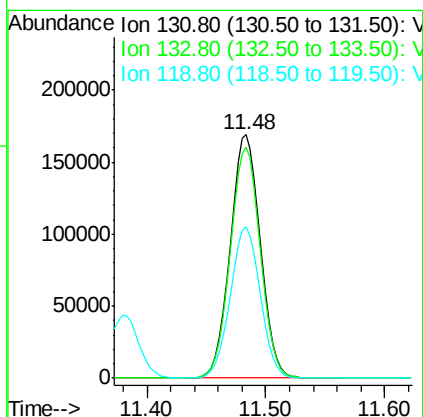
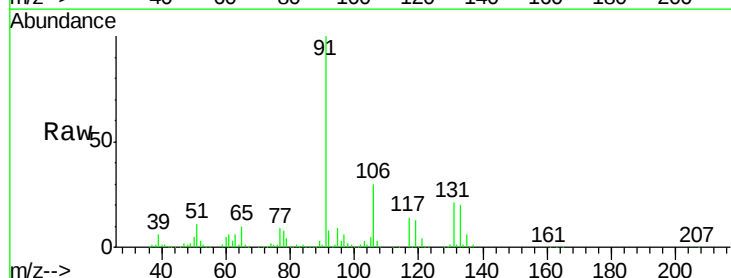
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

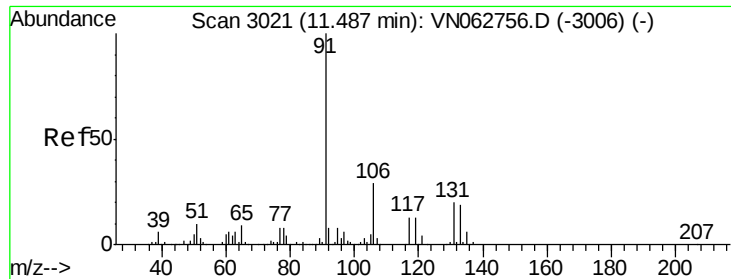
Tgt Ion:112 Resp: 724139
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 150.906 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:131 Resp: 294797
Ion Ratio Lower Upper
131 100
133 94.9 48.6 145.8
119 62.3 32.2 96.6

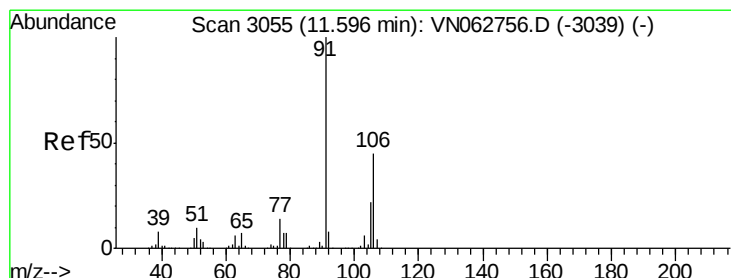
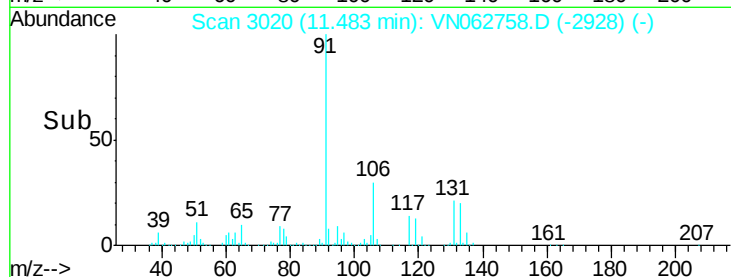
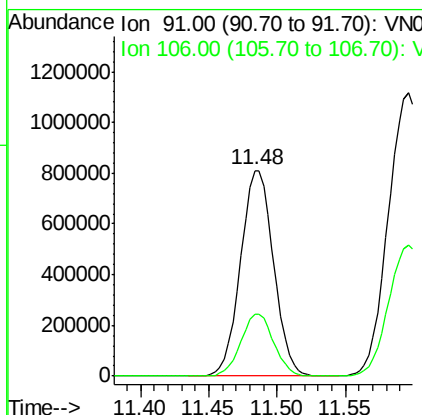
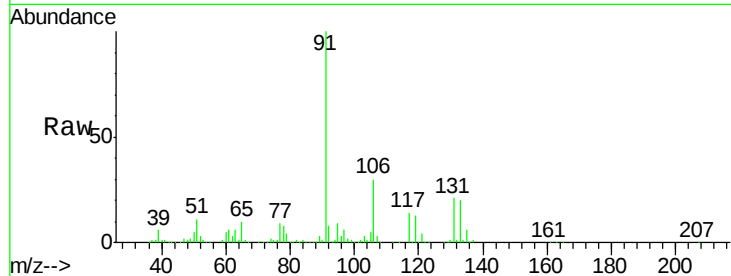




#67
Ethyl Benzene
Concen: 145.787 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

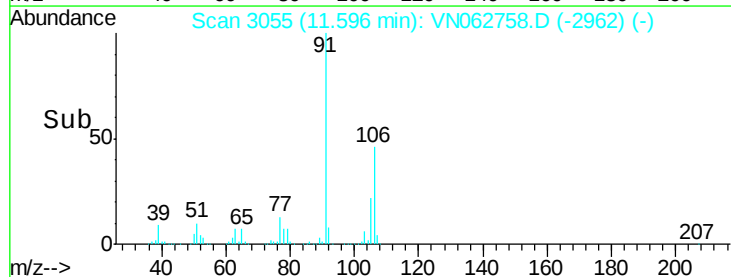
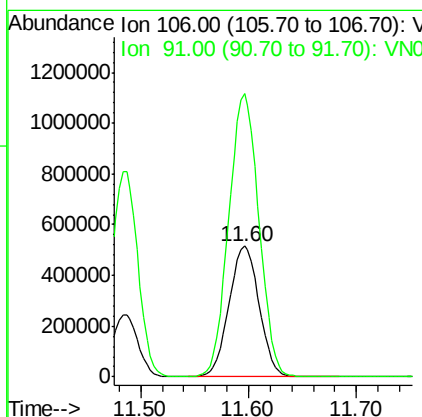
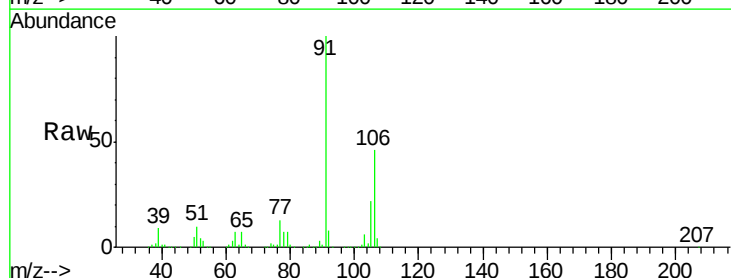
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1366060
Ion Ratio Lower Upper
91 100
106 30.1 23.2 34.8



#68
m/p-Xylenes
Concen: 297.000 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 106 Resp: 1002799
Ion Ratio Lower Upper
106 100
91 216.9 175.9 263.9

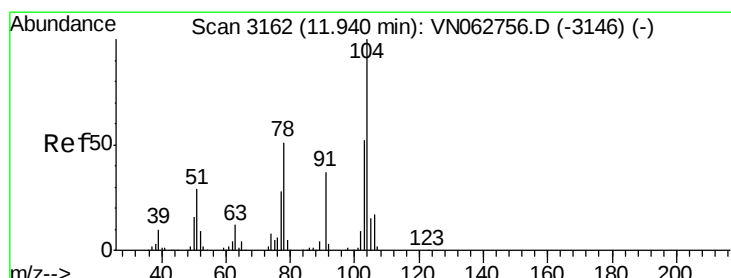
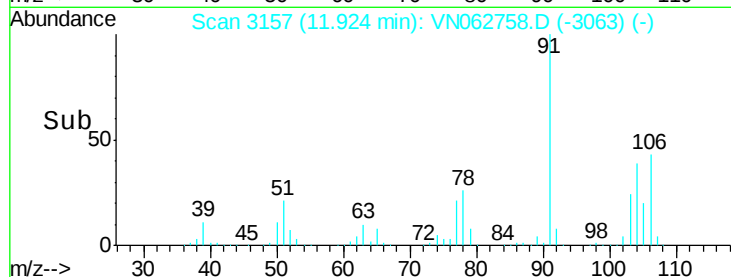
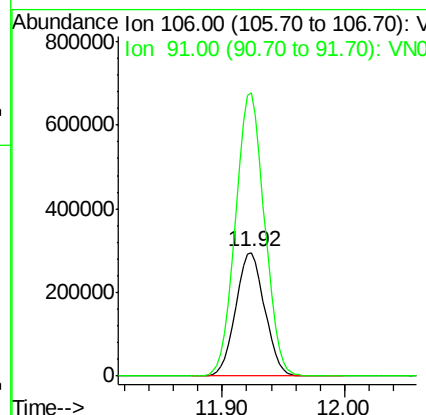
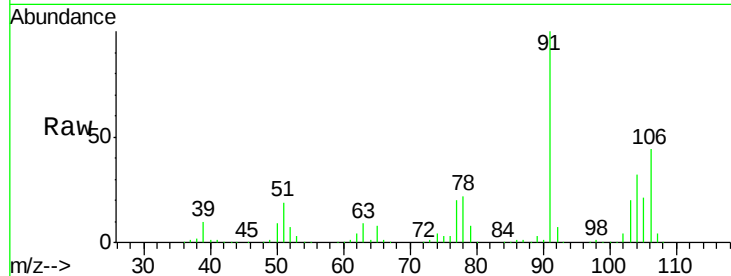




#69
o-Xylene
Concen: 152.534 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

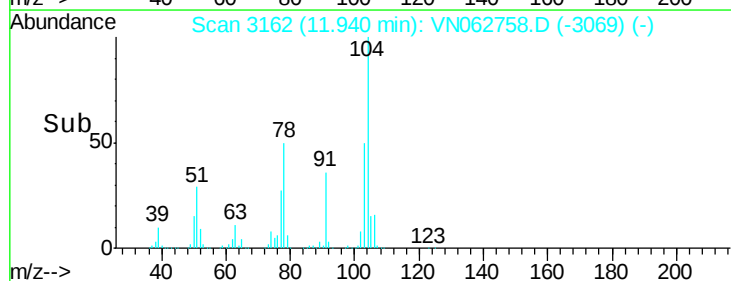
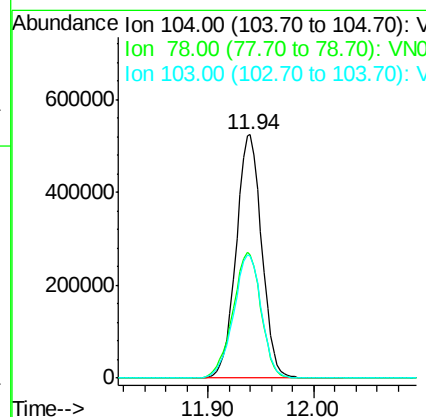
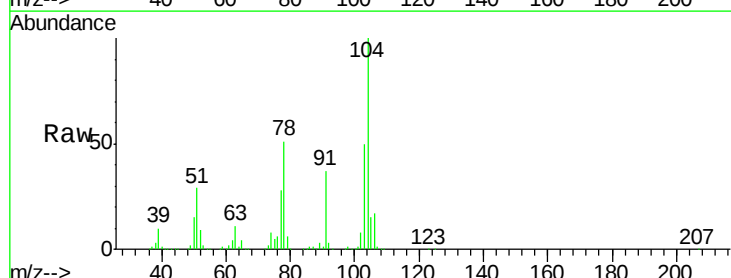
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

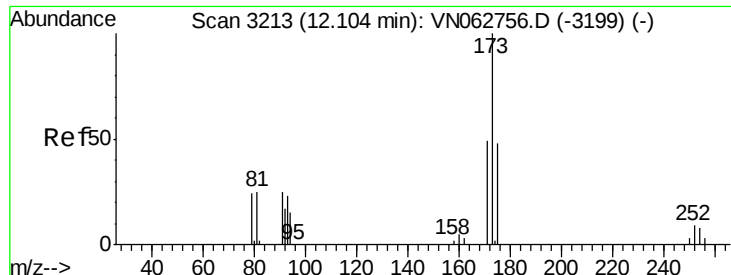
Tgt Ion:106 Resp: 489974
Ion Ratio Lower Upper
106 100
91 229.4 115.8 347.4



#70
Styrene
Concen: 161.533 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:104 Resp: 879990
Ion Ratio Lower Upper
104 100
78 56.8 45.9 68.9
103 55.0 45.1 67.7





#71

Bromoform

Concen: 167.224 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

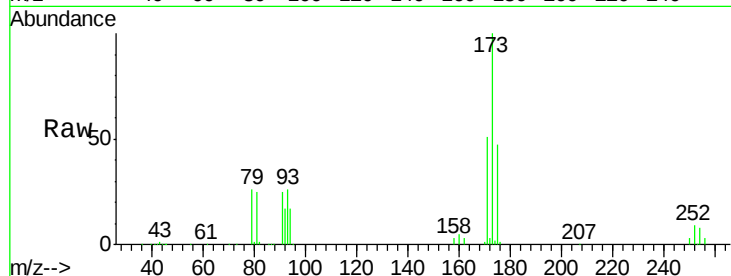
Tgt Ion:173 Resp: 248206

Ion Ratio Lower Upper

173 100

175 47.3 24.0 72.0

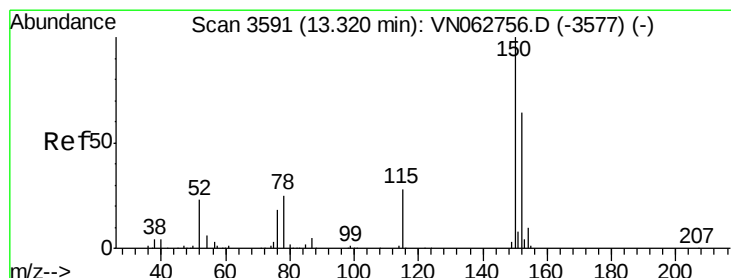
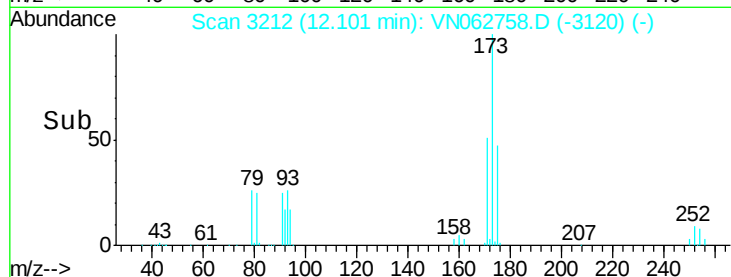
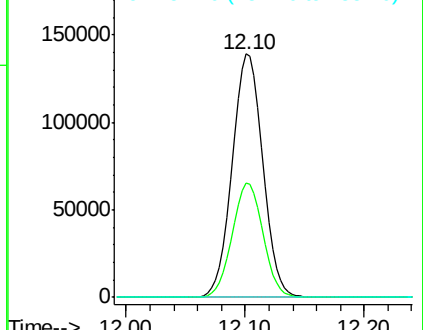
254 0.0 0.0 0.0#



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: VN062758.D

Acq: 5 Aug 2020 13:04

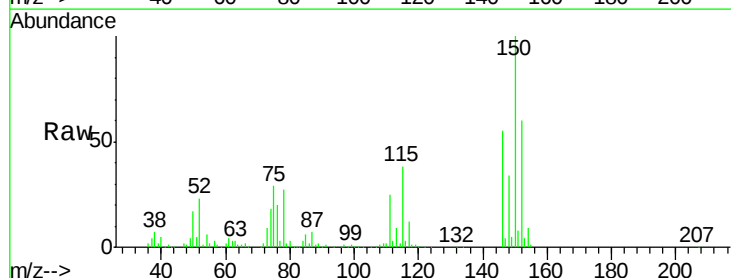
Tgt Ion:152 Resp: 130281

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

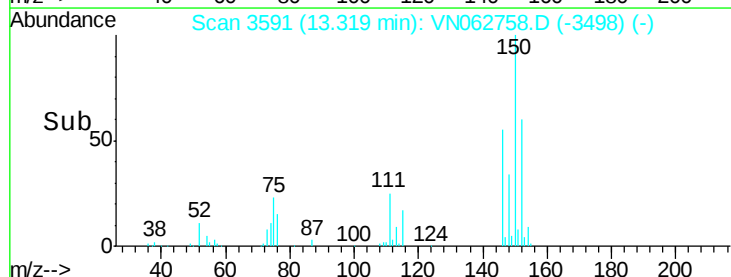
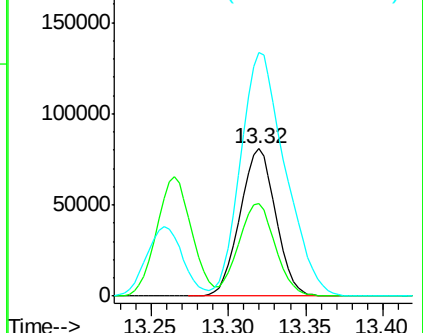
150 205.7 0.0 349.2

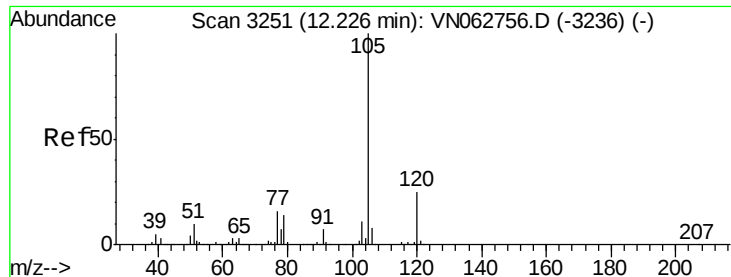


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 133.387 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

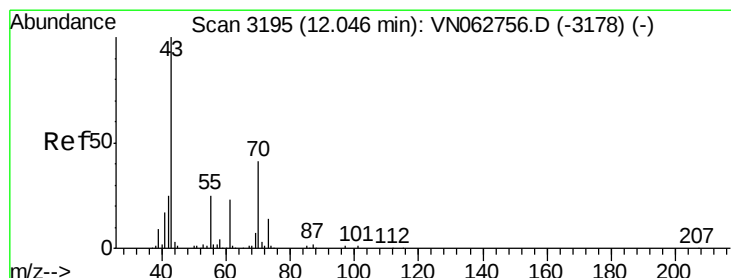
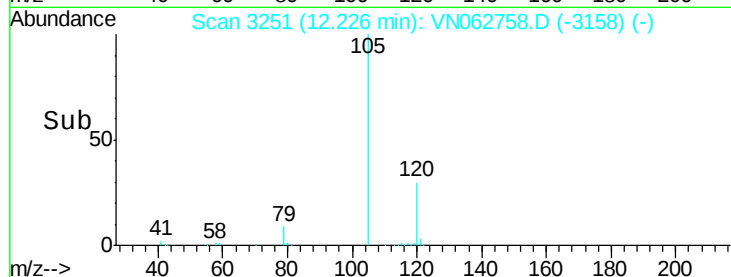
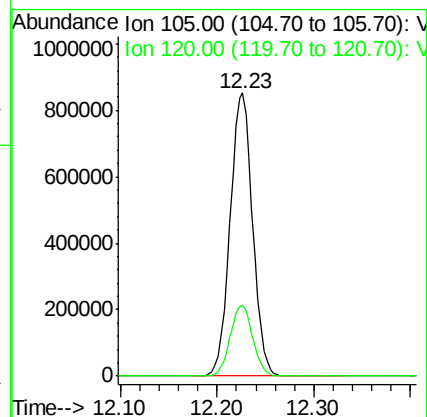
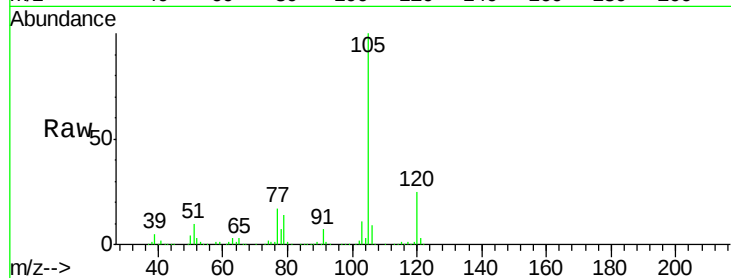
VSTDIC150

Tgt Ion:105 Resp: 1368215

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 138.041 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Tgt Ion: 43 Resp: 618267

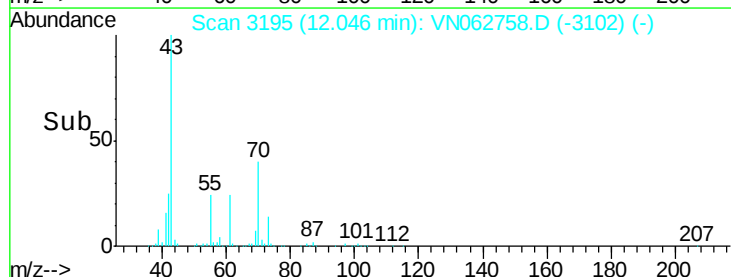
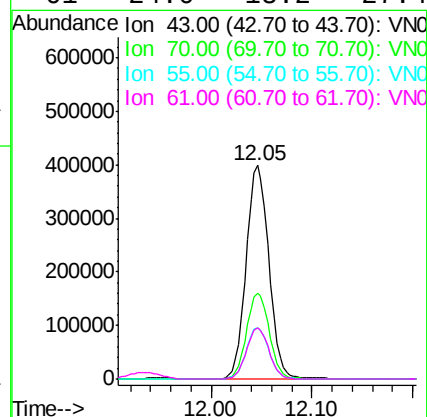
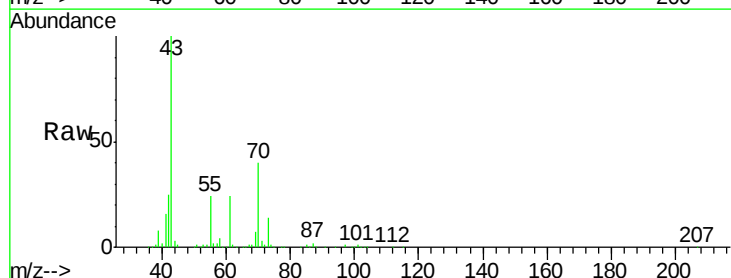
Ion Ratio Lower Upper

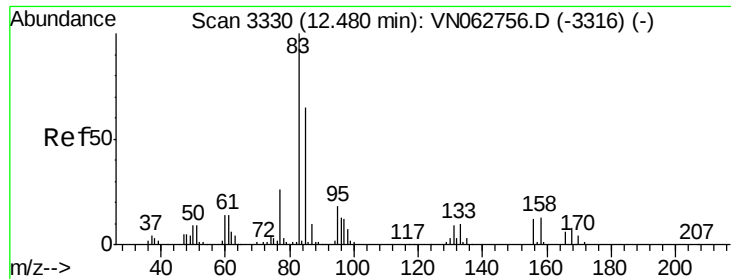
43 100

70 40.3 32.3 48.5

55 24.2 20.2 30.2

61 24.0 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 122.902 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

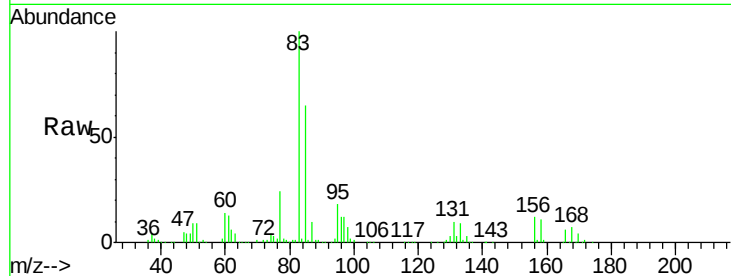
Tgt Ion: 83 Resp: 436558

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

85 64.2 31.9 95.9

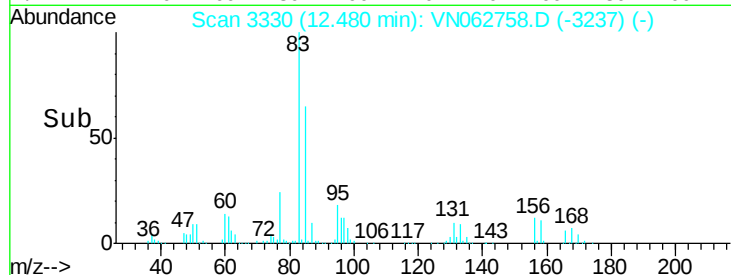


Abundance Ion 82.90 (82.60 to 83.60): VN062758.D (-3316) (-)

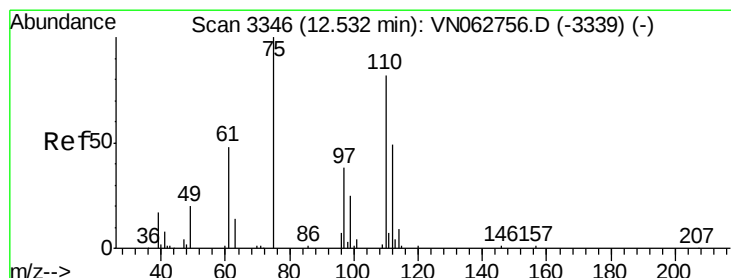
Ion 130.80 (130.50 to 131.50): VN062758.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062758.D (-3316) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 186.288 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN062758.D

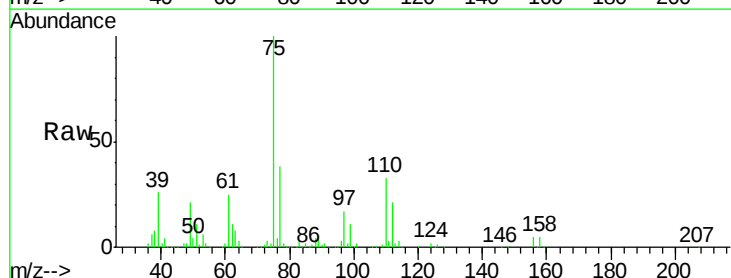
Acq: 5 Aug 2020 13:04

Tgt Ion: 75 Resp: 620625

Ion Ratio Lower Upper

75 100

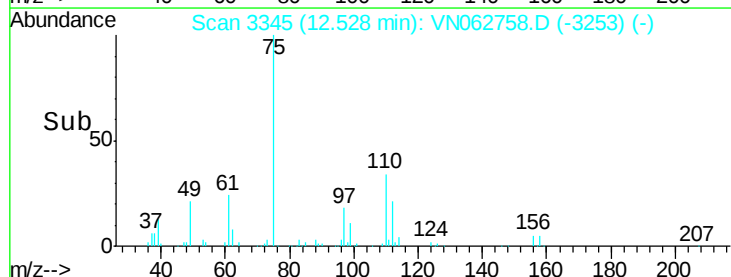
77 0.0 0.0 0.0



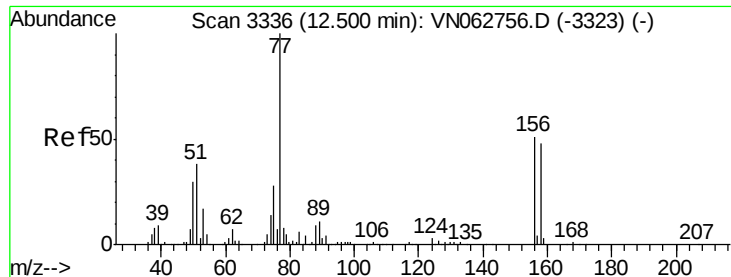
Abundance Ion 74.90 (74.60 to 75.60): VN062758.D (-3339) (-)

Ion 77.00 (76.70 to 77.70): VN062758.D (-3339) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 133.431 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

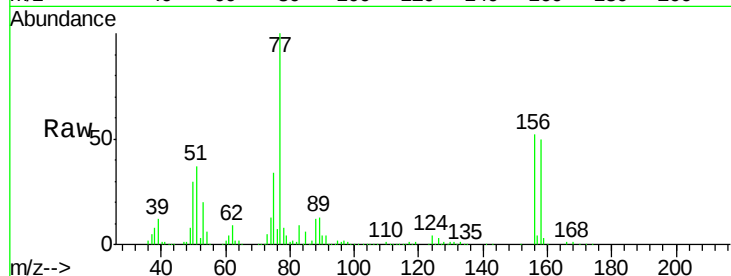
Tgt Ion:156 Resp: 329525

Ion Ratio Lower Upper

156 100

77 232.1 119.7 359.1

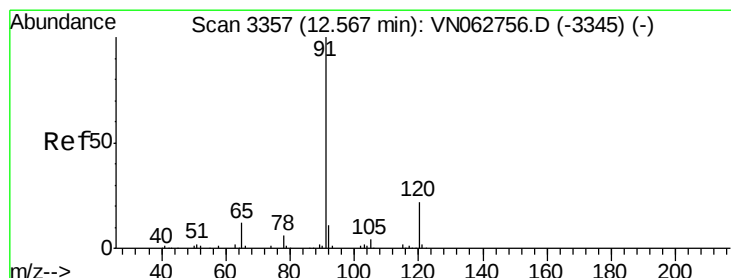
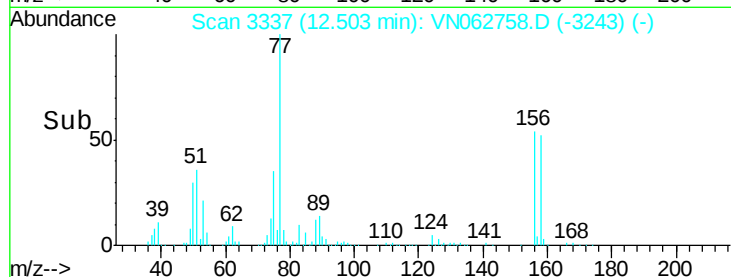
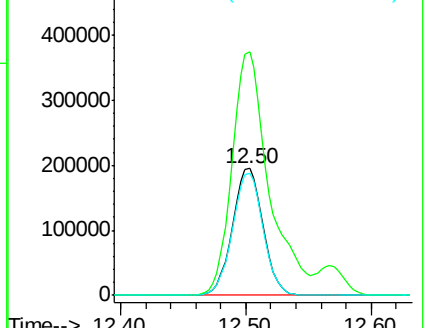
158 96.7 48.1 144.3



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: 138.043 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062758.D

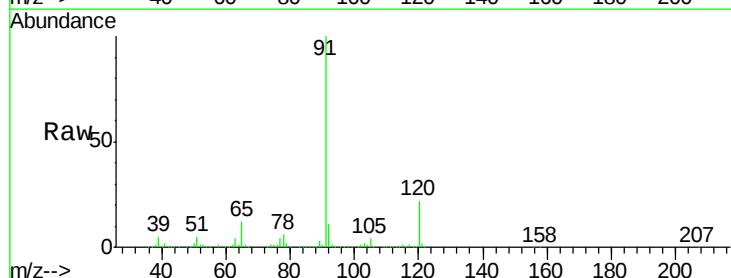
Acq: 5 Aug 2020 13:04

Tgt Ion: 91 Resp: 1655343

Ion Ratio Lower Upper

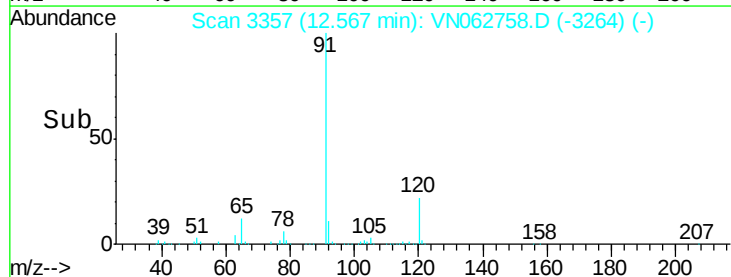
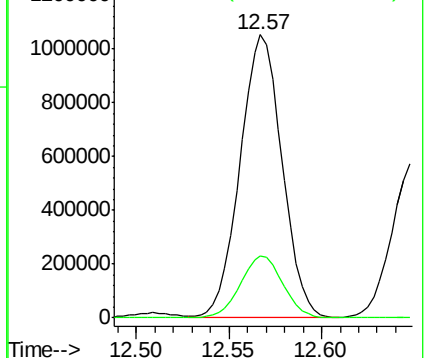
91 100

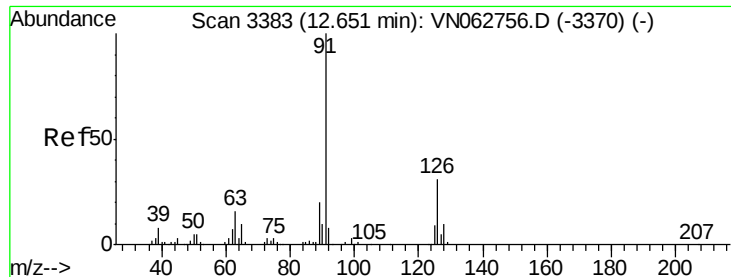
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

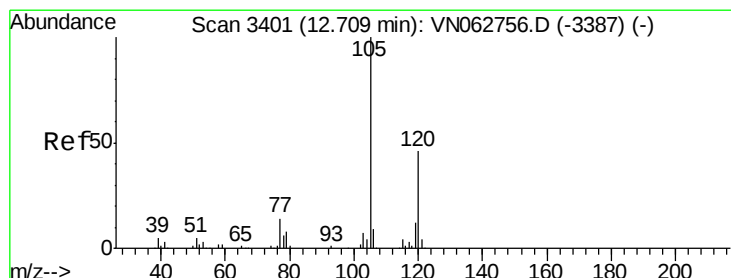
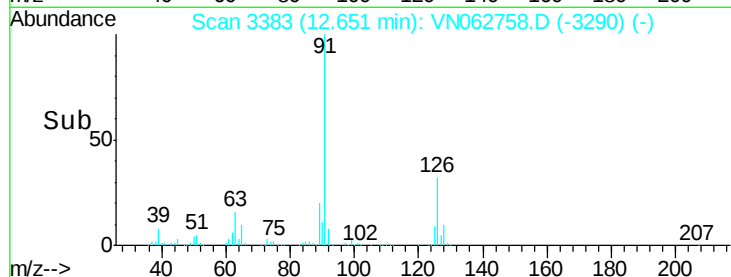
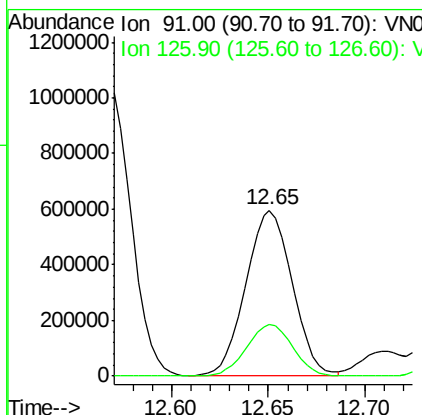
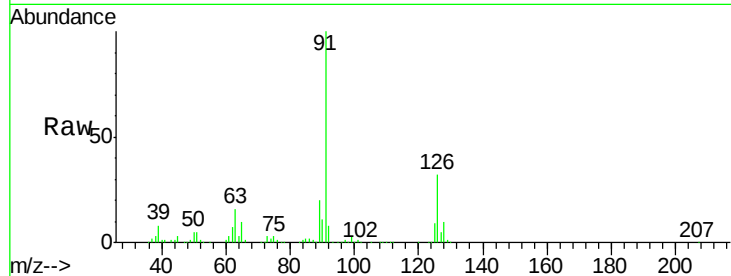




#79
 2-Chlorotoluene
 Concen: 134.419 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

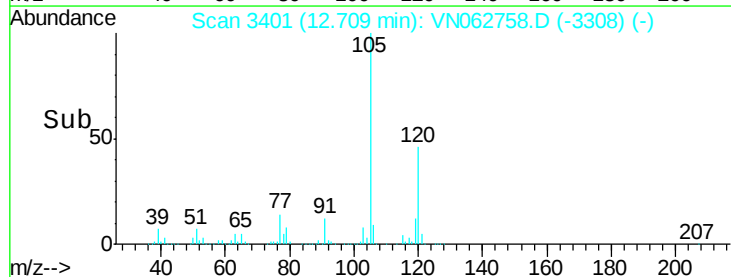
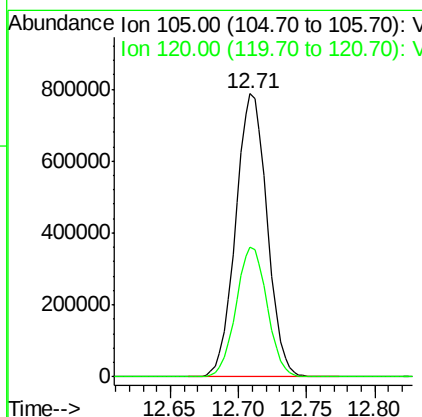
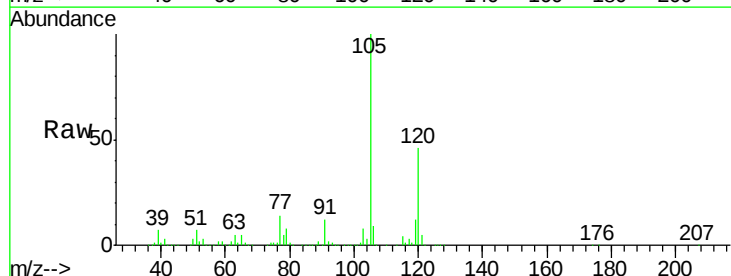
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

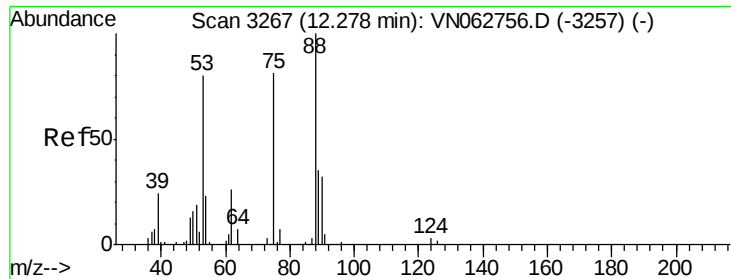
Tgt Ion: 91 Resp: 995850
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 146.483 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 105 Resp: 1252057
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 141.138 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062758.D

Acq: 5 Aug 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

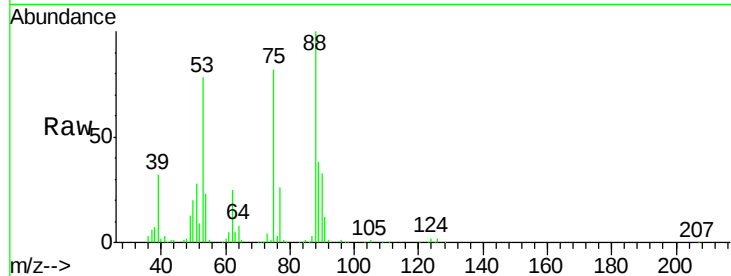
Tgt Ion: 75 Resp: 168163

Ion Ratio Lower Upper

75 100

53 98.5 79.1 118.7

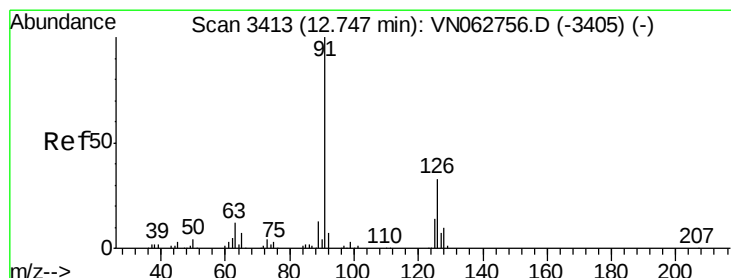
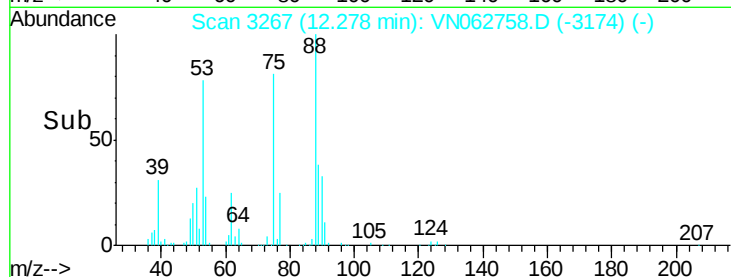
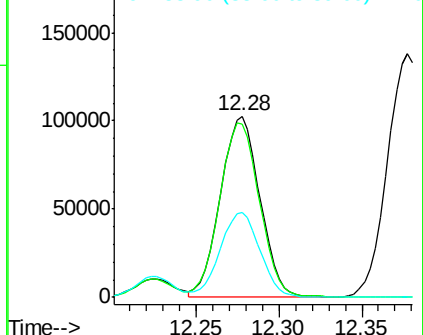
89 47.8 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 137.491 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062758.D

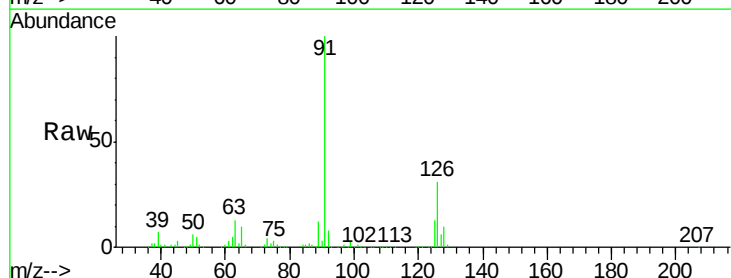
Acq: 5 Aug 2020 13:04

Tgt Ion: 91 Resp: 1060991

Ion Ratio Lower Upper

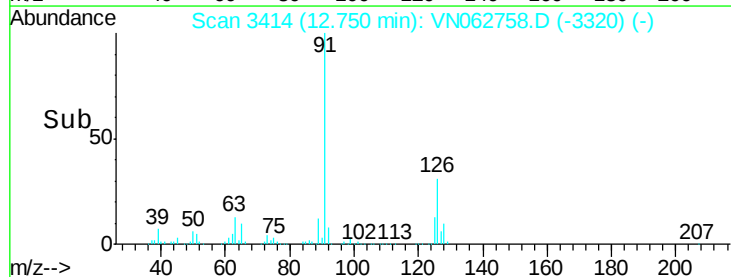
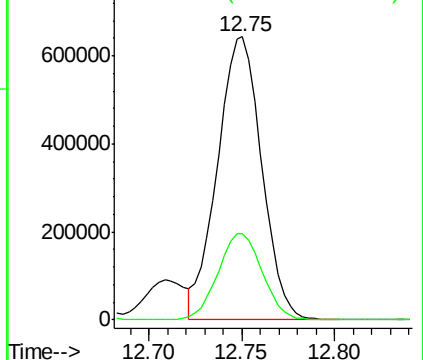
91 100

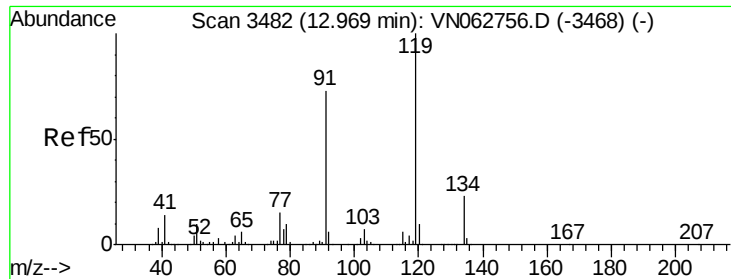
126 30.8 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

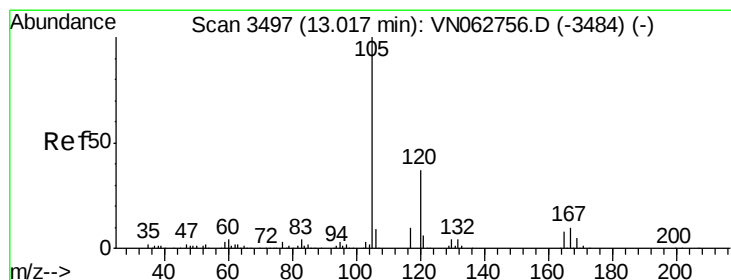
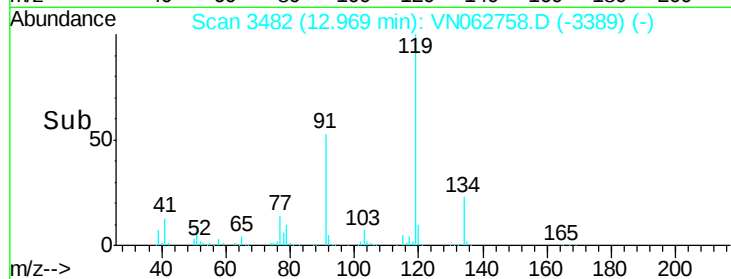
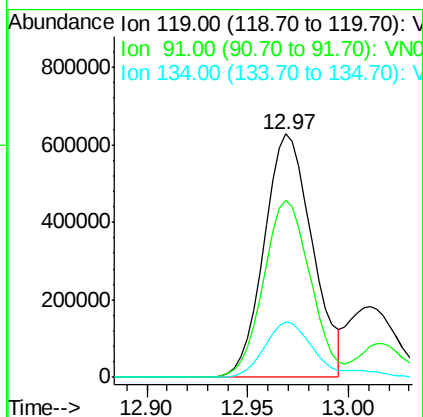
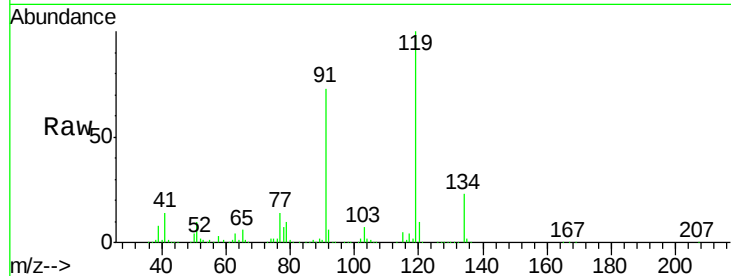




#83
 tert-Butylbenzene
 Concen: 146.328 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

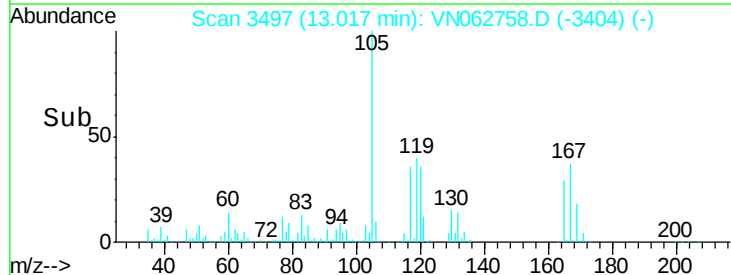
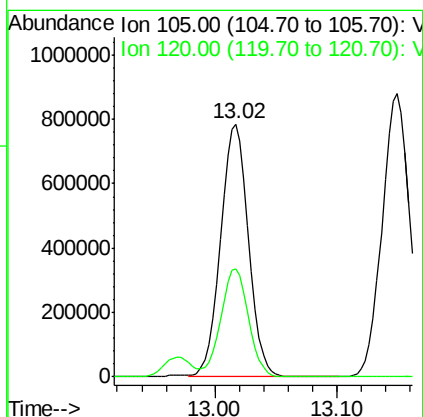
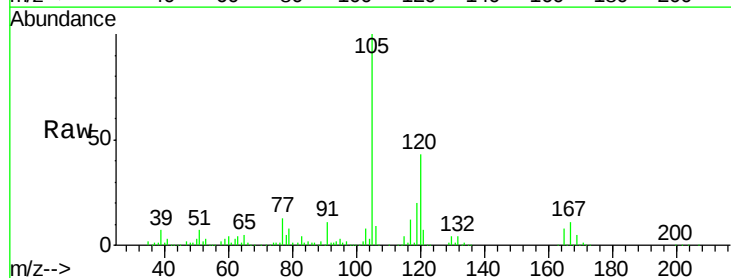
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

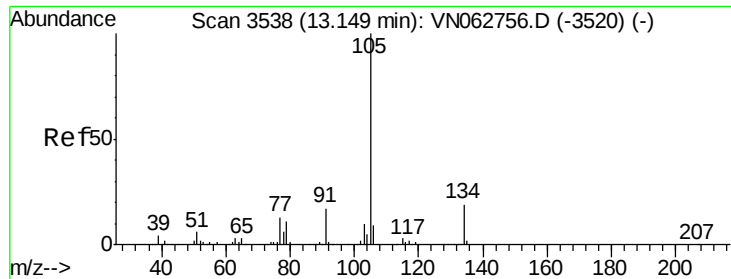
Tgt Ion:119 Resp: 1040267
 Ion Ratio Lower Upper
 119 100
 91 71.3 36.5 109.5
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 149.588 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion:105 Resp: 1254835
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.4 64.2

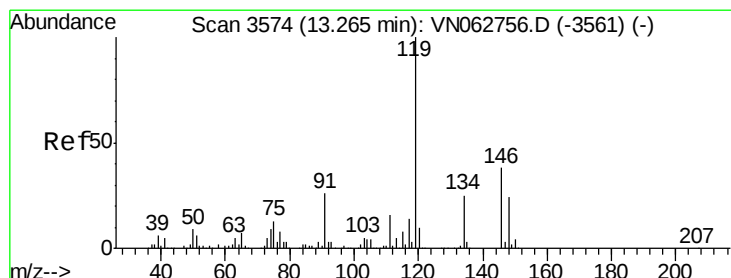
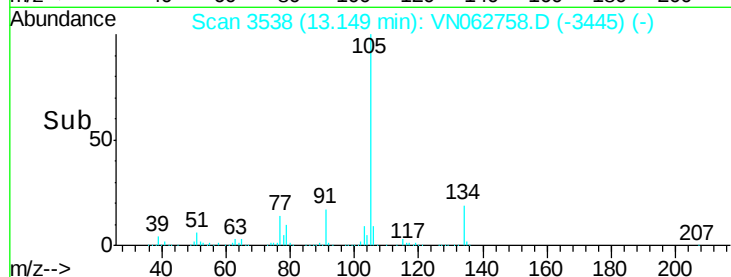
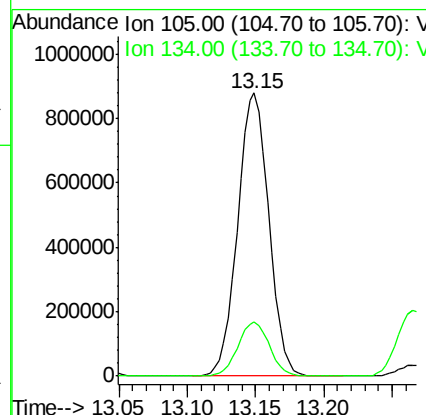
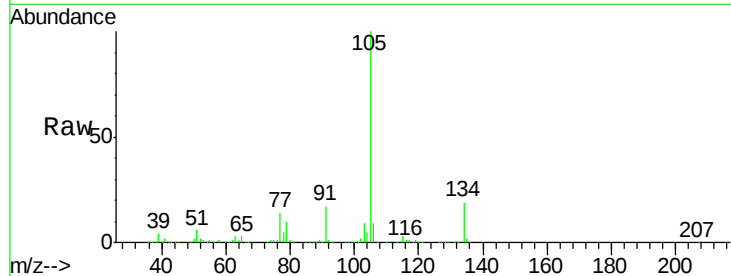




#85
 sec-Butylbenzene
 Concen: 146.064 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

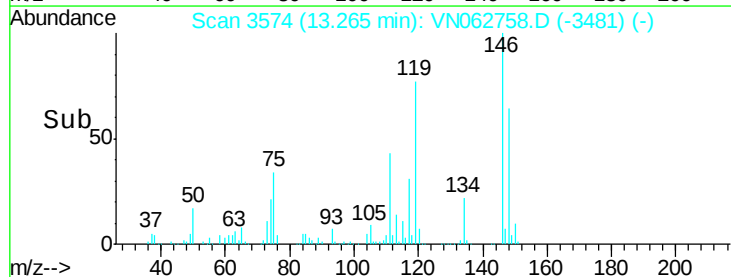
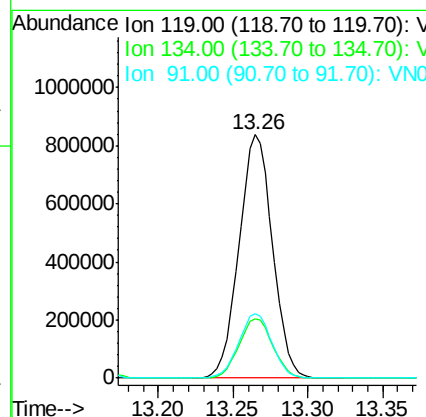
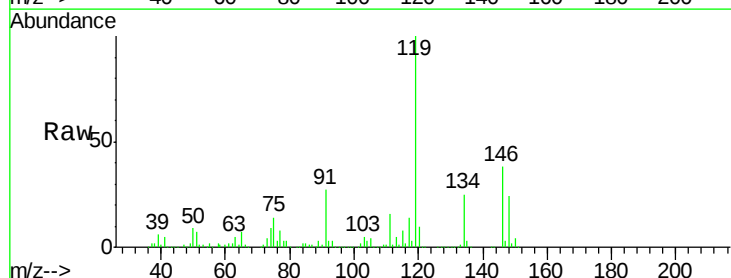
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

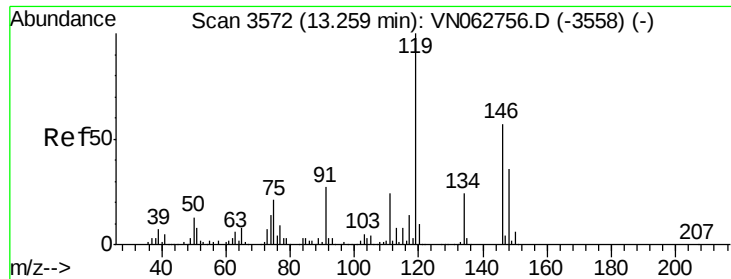
Tgt Ion:105 Resp: 1389575
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 157.496 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion:119 Resp: 1296220
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.3 13.4 40.2

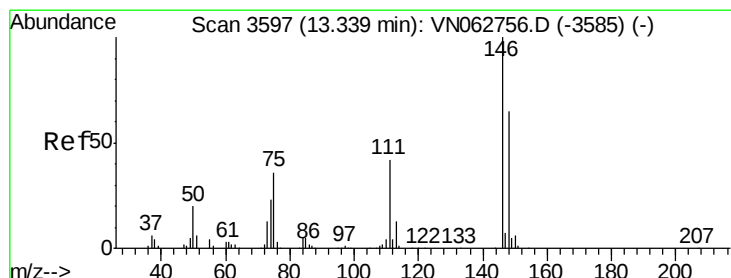
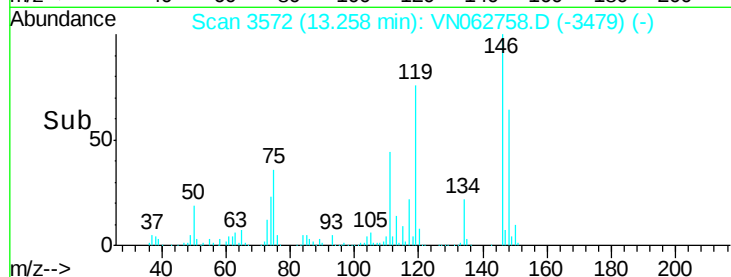
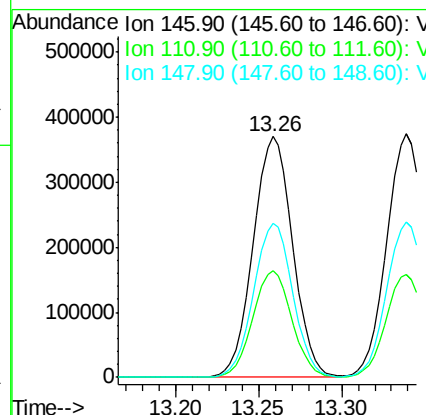
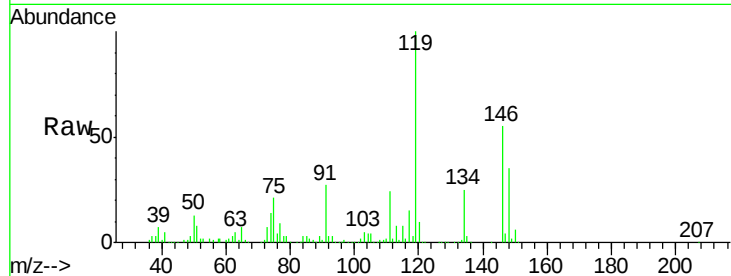




#87
 1,3-Dichlorobenzene
 Concen: 140.489 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

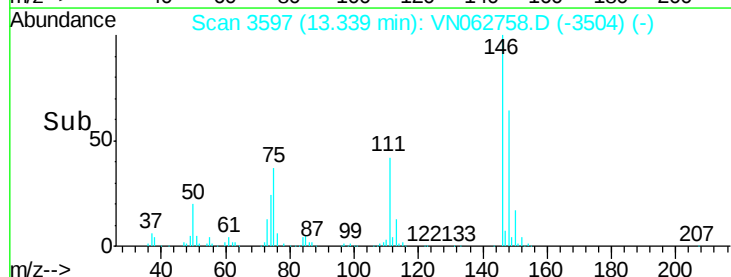
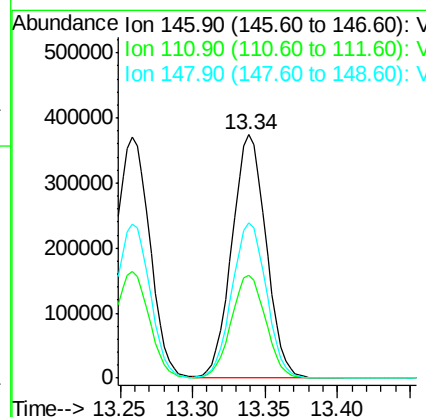
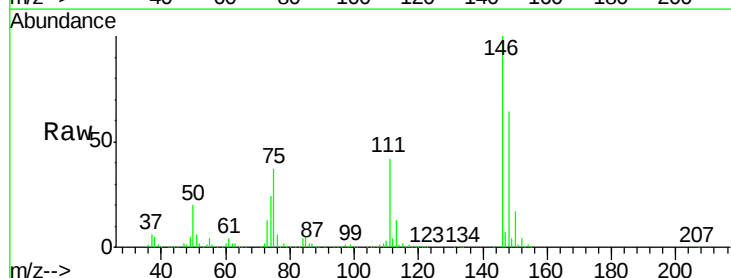
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

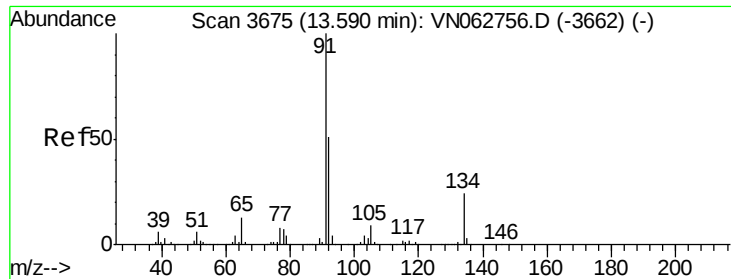
Tgt Ion:146 Resp: 613620
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 63.7 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 142.419 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion:146 Resp: 610021
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.6
 148 64.2 32.6 97.8

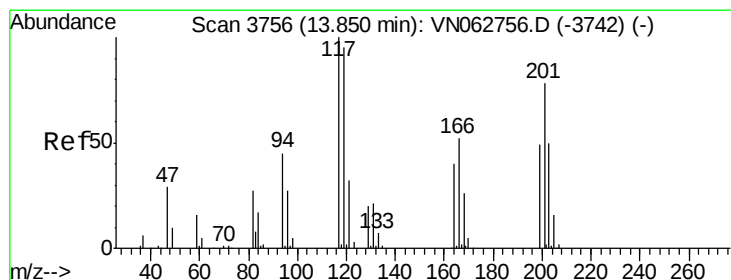
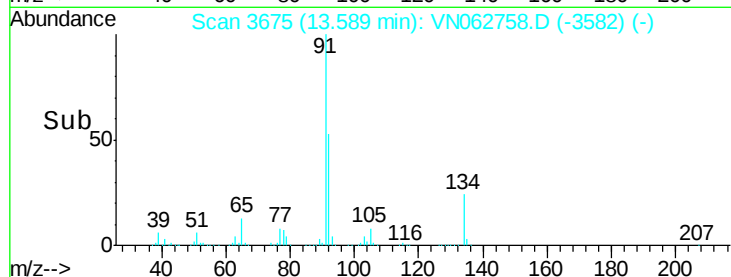
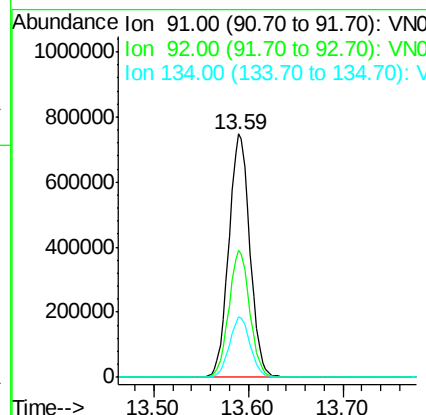
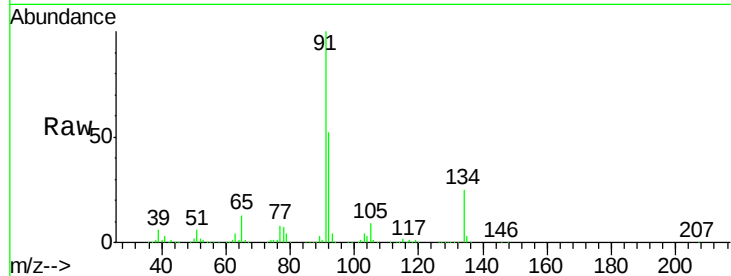




#89
n-Butylbenzene
Concen: 164.083 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

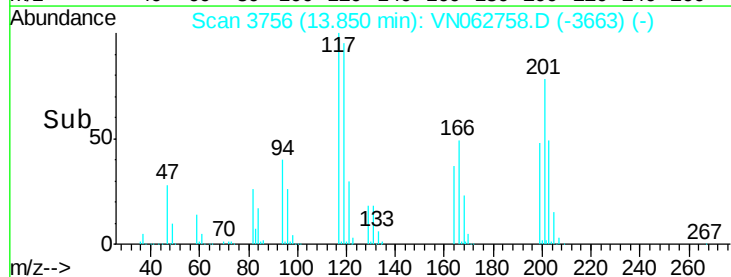
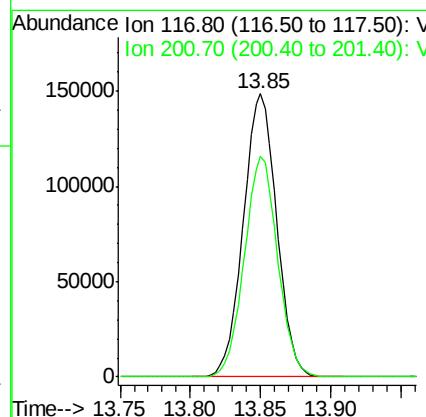
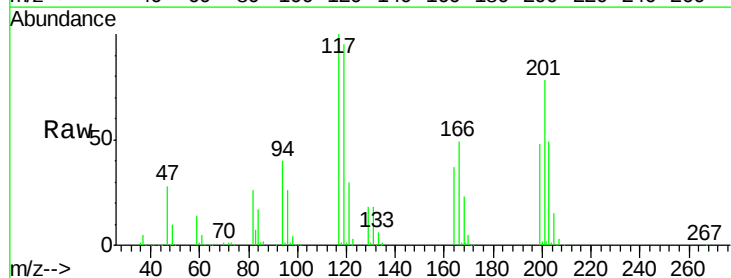
Instrument :
MSVOA_N
ClientSampled :
VSTDICC150

Tgt Ion: 91 Resp: 1155783
Ion Ratio Lower Upper
91 100
92 51.6 25.7 77.0
134 24.5 12.2 36.6



#90
Hexachloroethane
Concen: 140.686 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion: 117 Resp: 246612
Ion Ratio Lower Upper
117 100
201 77.7 39.2 117.6

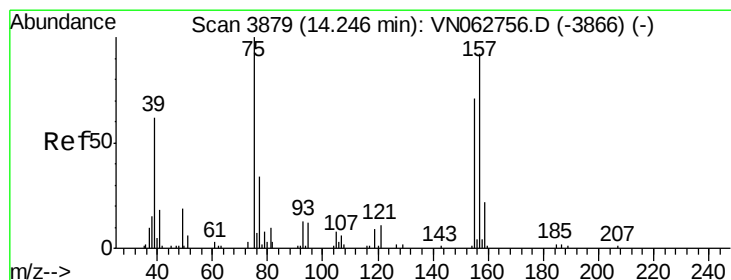
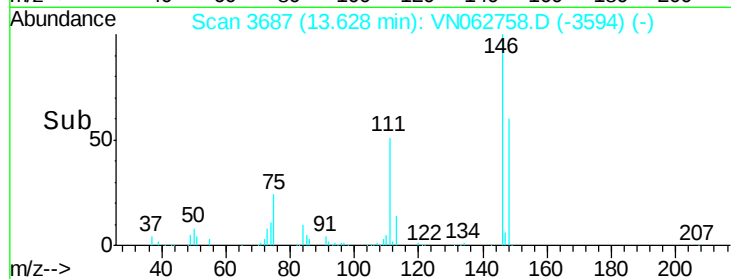
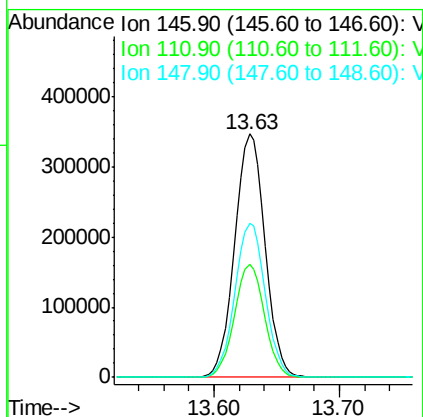
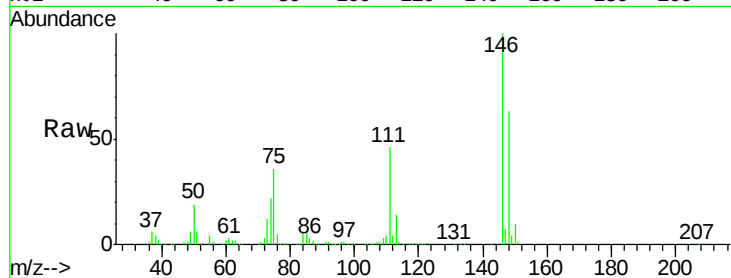




#91
 1,2-Dichlorobenzene
 Concen: 140.630 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

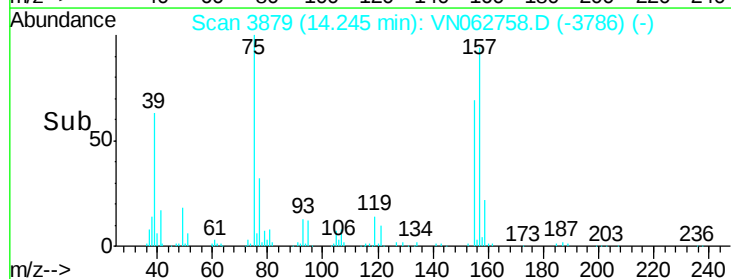
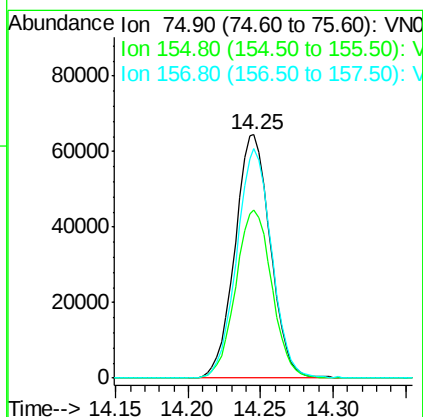
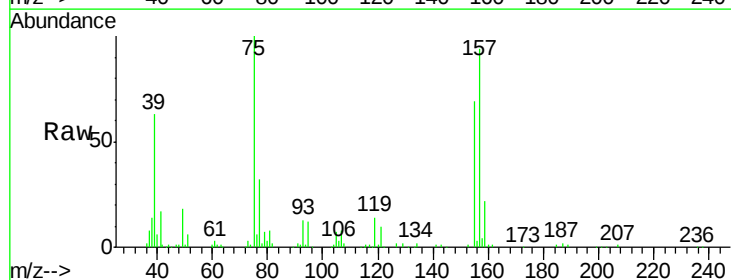
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 583796
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.8 68.4
 148 63.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 163.510 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion: 75 Resp: 109428
 Ion Ratio Lower Upper
 75 100
 155 70.7 35.0 105.1
 157 93.0 43.2 129.6

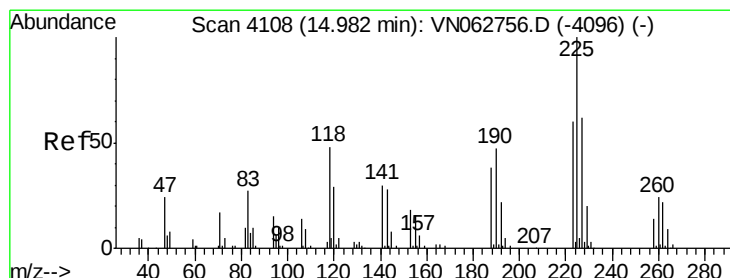
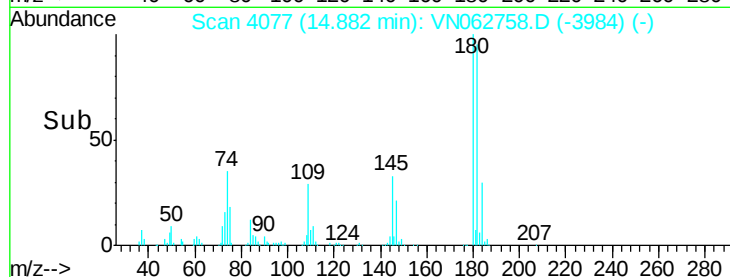
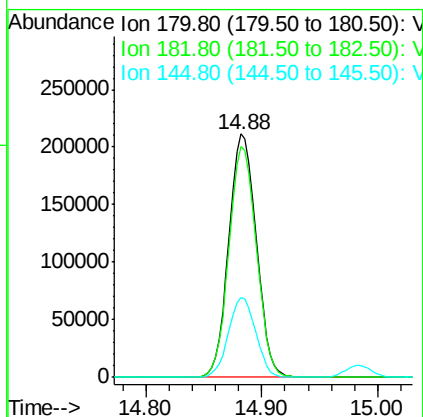
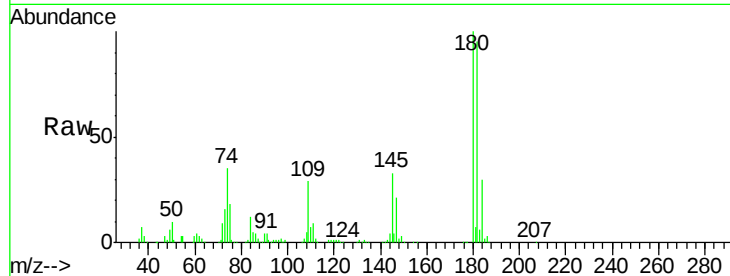




#93
 1,2,4-Trichlorobenzene
 Concen: 180.820 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

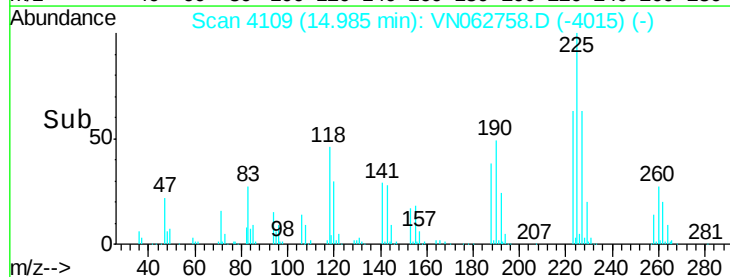
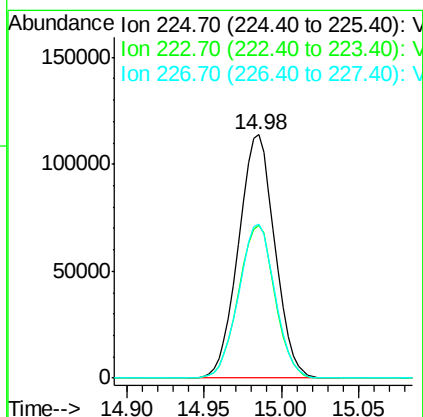
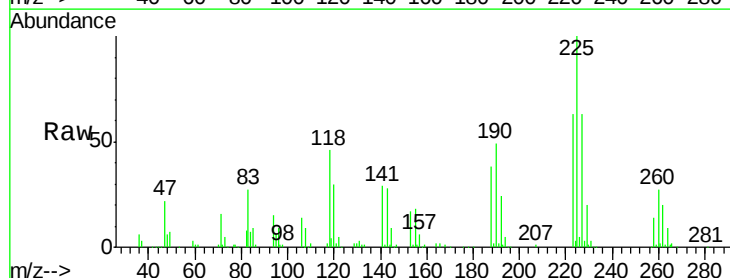
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

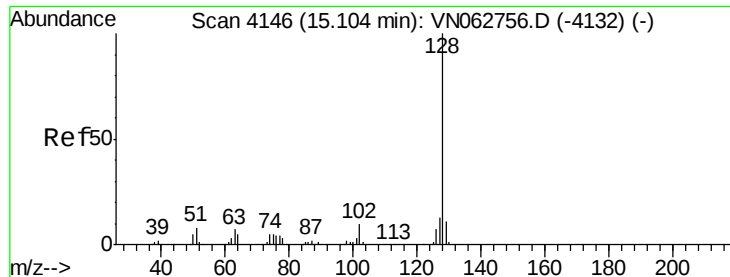
Tgt Ion:180 Resp: 347982
 Ion Ratio Lower Upper
 180 100
 182 94.5 49.1 147.4
 145 32.5 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 146.530 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062758.D
 Acq: 5 Aug 2020 13:04

Tgt Ion:225 Resp: 185766
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.6 92.0
 227 63.4 31.6 95.0

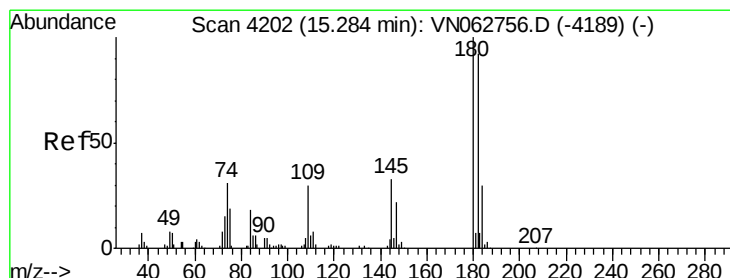
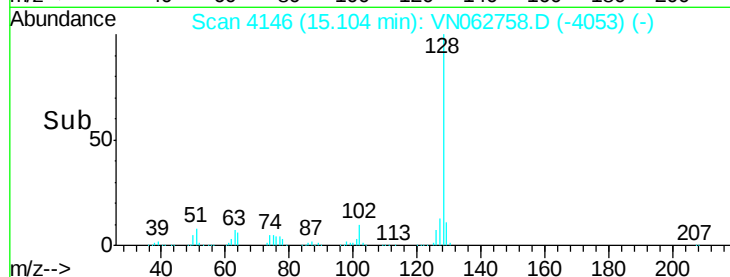
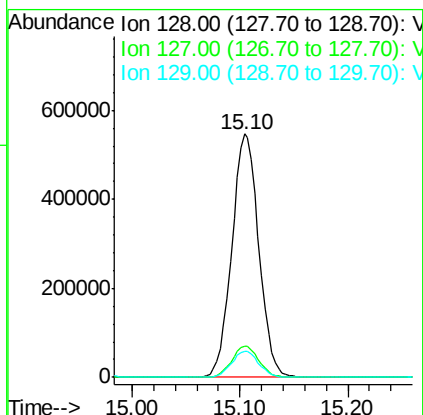
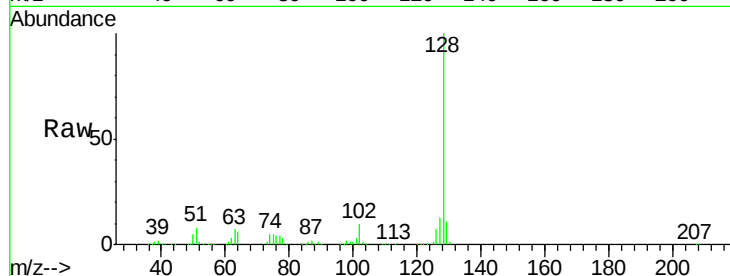




#95
Naphthalene
Concen: 179.192 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 951246
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 172.042 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062758.D
Acq: 5 Aug 2020 13:04

Tgt Ion:180 Resp: 337470
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 34.7 17.3 51.7

