

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062847.D
 Acq On : 11 Aug 2020 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 22:42:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	173361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	279405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	139716	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	7.55	113	96880	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.06	98	370320	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	142183	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	110664	44.578	ug/l	98
3) Chloromethane	2.03	50	91127	38.900	ug/l	98
4) Vinyl Chloride	2.16	62	94754	43.125	ug/l	97
5) Bromomethane	2.52	94	72422	49.792	ug/l	99
6) Chloroethane	2.66	64	75730	52.391	ug/l	97
7) Trichlorofluoromethane	2.98	101	194848	49.732	ug/l	99
8) Diethyl Ether	3.37	74	54457	48.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83106	52.640	ug/l	97
10) Methyl Iodide	3.91	142	102497	53.975	ug/l	97
11) Tert butyl alcohol	4.74	59	81589	173.642	ug/l	100
12) 1,1-Dichloroethene	3.70	96	74722	50.626	ug/l	98
13) Acrolein	3.57	56	35089	123.340	ug/l	100
14) Allyl chloride	4.27	41	130359	42.949	ug/l	97
15) Acrylonitrile	4.93	53	219941	201.815	ug/l	99
16) Acetone	3.77	43	212644	205.275	ug/l	99
17) Carbon Disulfide	4.01	76	200582	47.812	ug/l	99
18) Methyl Acetate	4.28	43	118635	48.384	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	297274	44.260	ug/l	98
20) Methylene Chloride	4.50	84	86181	45.390	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72407	41.737	ug/l	98
22) Diisopropyl ether	5.90	45	279494	43.257	ug/l	99
23) Vinyl Acetate	5.84	43	944677	192.220	ug/l	98
24) 1,1-Dichloroethane	5.80	63	155915	41.177	ug/l	99
25) 2-Butanone	6.79	43	277719	189.291	ug/l	97
26) 2,2-Dichloropropane	6.78	77	104342	29.895	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	89134	42.830	ug/l	93
28) Bromochloromethane	7.15	49	88284	48.310	ug/l	95
29) Tetrahydrofuran	7.17	42	185326	194.433	ug/l	97
30) Chloroform	7.33	83	173276	43.060	ug/l	100
31) Cyclohexane	7.61	56	144606	41.604	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	154954	43.069	ug/l	98
36) 1,1-Dichloropropene	7.75	75	113884	41.860	ug/l	97
37) Ethyl Acetate	6.89	43	106708	37.548	ug/l	99
38) Carbon Tetrachloride	7.73	117	138030	42.898	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062847.D
 Acq On : 11 Aug 2020 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 11 22:42:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141510	43.221	ug/l	97
40) Benzene	8.00	78	337996	41.634	ug/l	99
41) Methacrylonitrile	7.12	41	47153	36.769	ug/l #	71
42) 1,2-Dichloroethane	8.09	62	146577	42.421	ug/l	100
43) Isopropyl Acetate	8.13	43	184208	38.860	ug/l #	87
44) Trichloroethene	8.80	130	84007	42.473	ug/l	98
45) 1,2-Dichloropropane	9.08	63	92709	42.194	ug/l	95
46) Dibromomethane	9.18	93	61350	42.614	ug/l	96
47) Bromodichloromethane	9.37	83	141613	43.797	ug/l	99
48) Methyl methacrylate	9.17	41	92883	39.837	ug/l	96
49) 1,4-Dioxane	9.17	88	33573	777.109	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	605652	197.473	ug/l	98
52) Toluene	10.13	92	217592	43.410	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	149335	41.988	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	149991	42.003	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	91581	42.779	ug/l	96
56) Ethyl methacrylate	10.40	69	144606	44.877	ug/l	97
57) 1,3-Dichloropropane	10.68	76	156070	42.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	180242	197.889	ug/l	97
59) 2-Hexanone	10.72	43	448043	195.839	ug/l	98
60) Dibromochloromethane	10.87	129	108711	44.499	ug/l	100
61) 1,2-Dibromoethane	10.98	107	94130	44.560	ug/l	96
64) Tetrachloroethene	10.60	164	75504	44.258	ug/l	97
65) Chlorobenzene	11.41	112	238554	43.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	99120	44.658	ug/l	97
67) Ethyl Benzene	11.48	91	442851	44.775	ug/l	97
68) m/p-Xylenes	11.60	106	326964	91.068	ug/l	99
69) o-Xylene	11.92	106	158786	47.193	ug/l	95
70) Styrene	11.94	104	281015	47.516	ug/l	99
71) Bromoform	12.10	173	77413	42.628	ug/l #	98
73) Isopropylbenzene	12.22	105	443713	45.686	ug/l	100
74) N-amyl acetate	12.05	43	167399	42.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	140283	41.031	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	128939m	37.067	ug/l	
77) Bromobenzene	12.50	156	105775	43.832	ug/l	92
78) n-propylbenzene	12.57	91	507350	44.501	ug/l	99
79) 2-Chlorotoluene	12.65	91	312367	43.692	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	394284	46.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45047	39.533	ug/l	100
82) 4-Chlorotoluene	12.75	91	327562	44.460	ug/l	100
83) tert-Butylbenzene	12.97	119	327465	45.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	386778	47.982	ug/l	99
85) sec-Butylbenzene	13.15	105	429513	45.875	ug/l	100
86) p-Isopropyltoluene	13.26	119	388820	46.785	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	194201	45.047	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	189350	43.791	ug/l	99
89) n-Butylbenzene	13.59	91	307757	43.785	ug/l	99
90) Hexachloroethane	13.85	117	75008	41.871	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	188058	46.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30247	41.208	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
Data File : VN062847.D
Acq On : 11 Aug 2020 22:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Aug 11 22:42:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

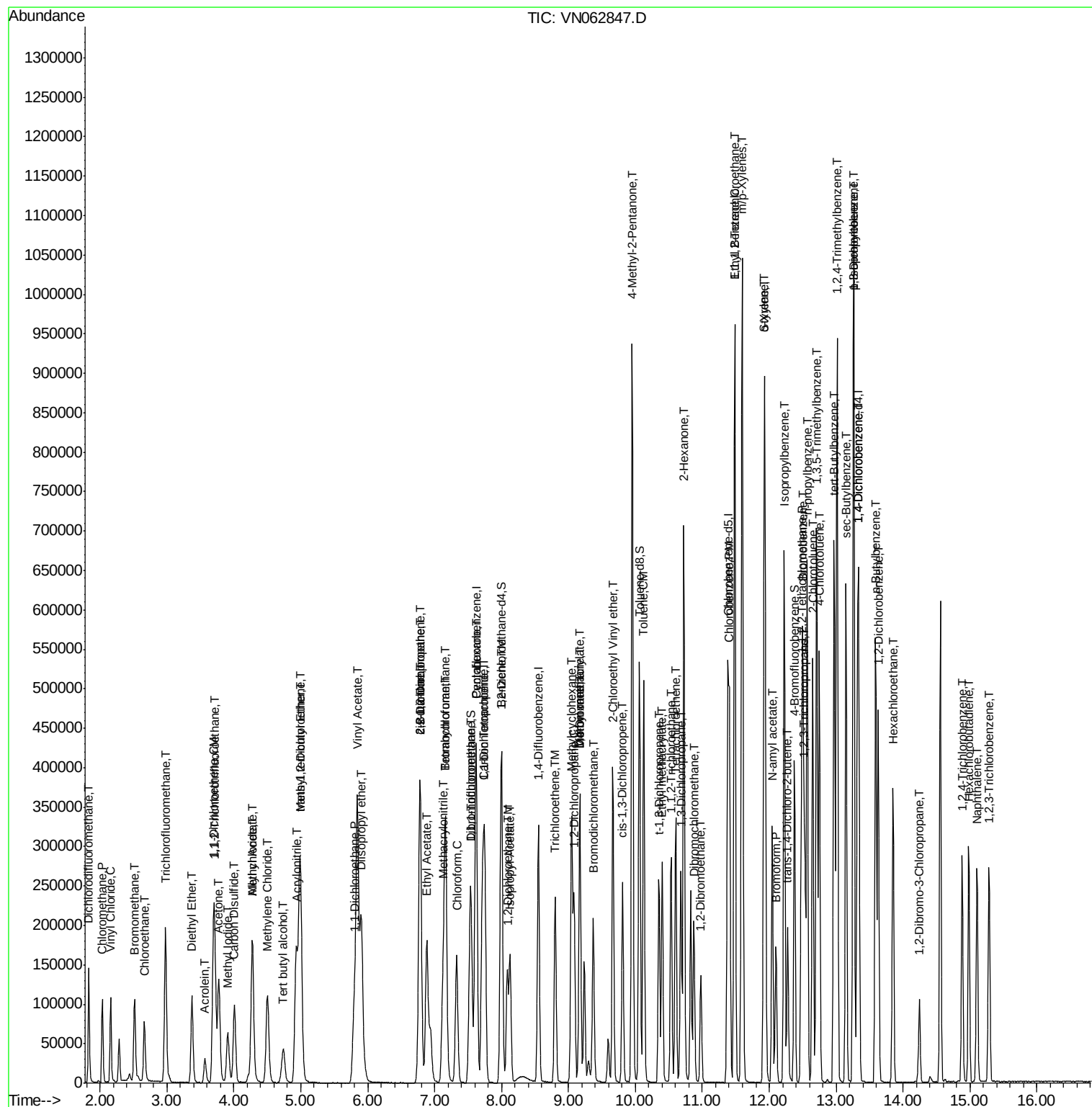
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88255	41.279	ug/l	98
94) Hexachlorobutadiene	14.98	225	55616	43.518	ug/l	96
95) Naphthalene	15.10	128	229028	39.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89485	42.275	ug/l	99

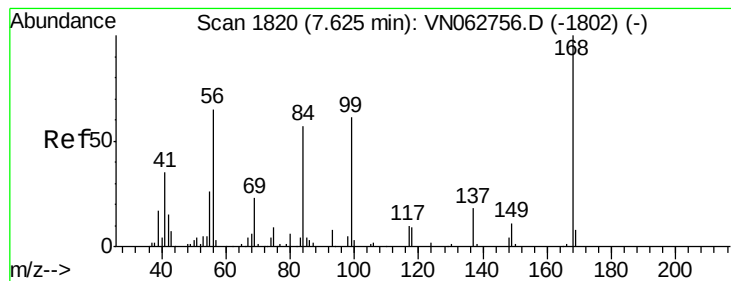
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062847.D
 Acq On : 11 Aug 2020 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 22:42:28 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

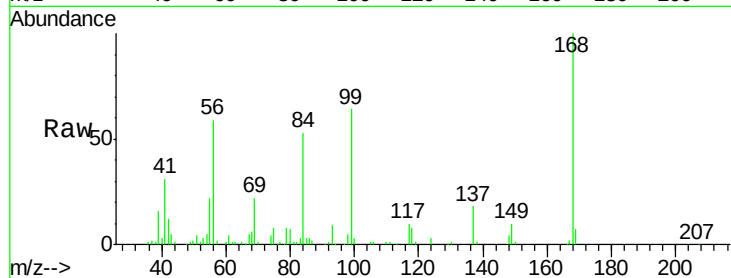
VSTDCCC050EC

Tot Ion:168 Resp: 173361

Ion Ratio Lower Upper

168 100

99 63.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

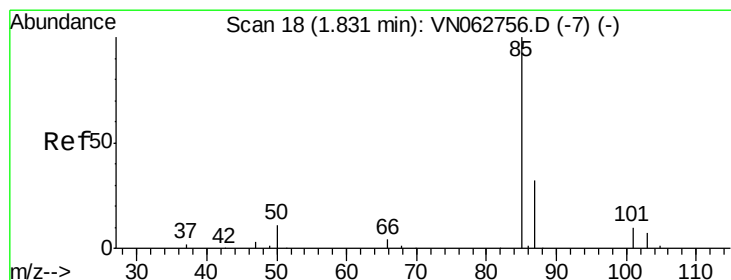
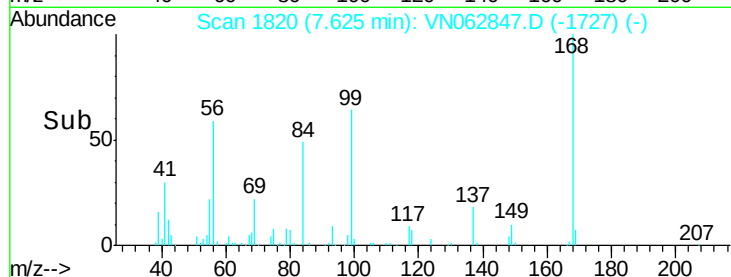
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.578 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062847.D

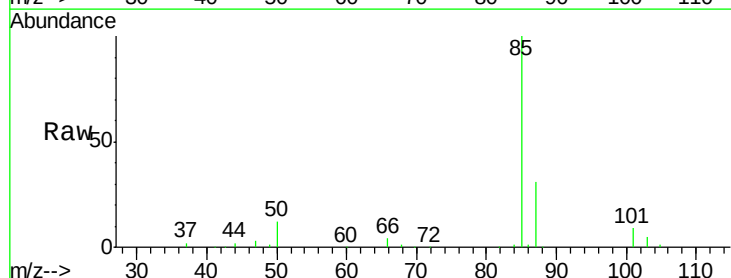
Acq: 11 Aug 2020 22:22

Tgt Ion: 85 Resp: 110664

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

1.83

80000

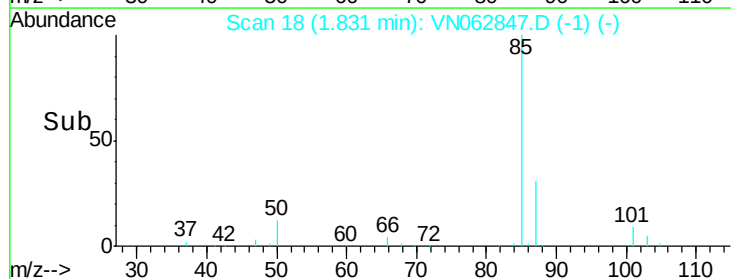
60000

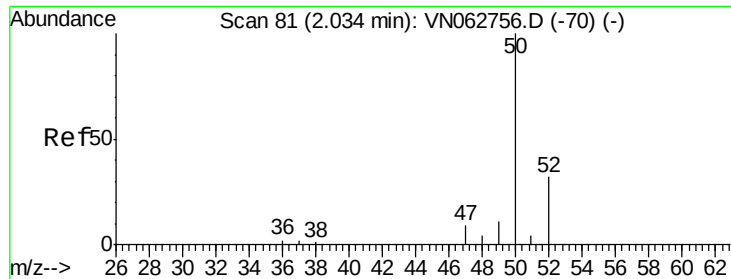
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 38.900 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

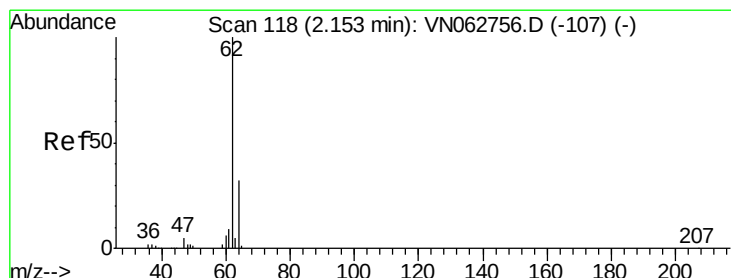
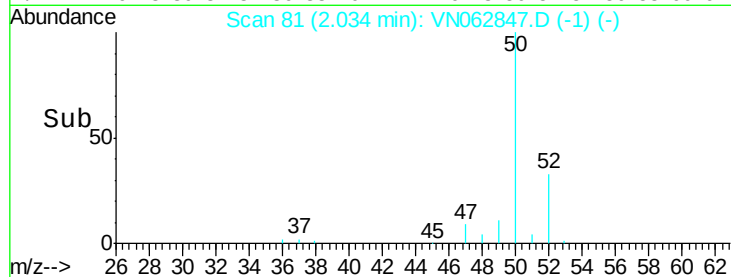
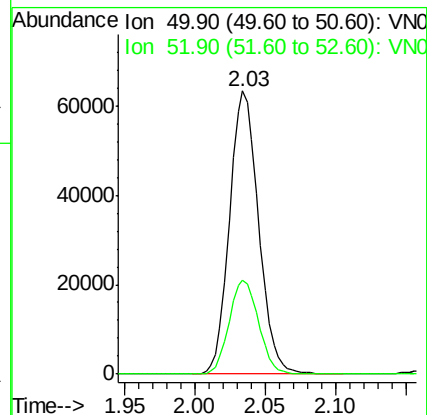
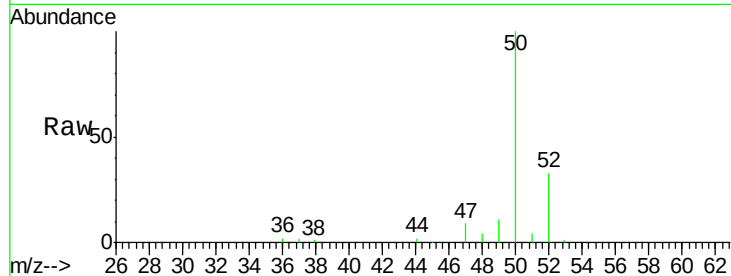
VSTDCCC050EC

Tot Ion: 50 Resp: 91127

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 43.125 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.01 min

Lab File: VN062847.D

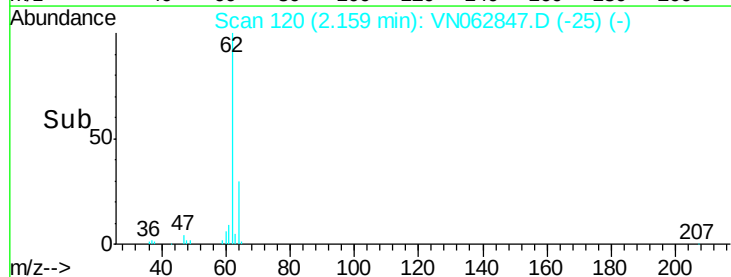
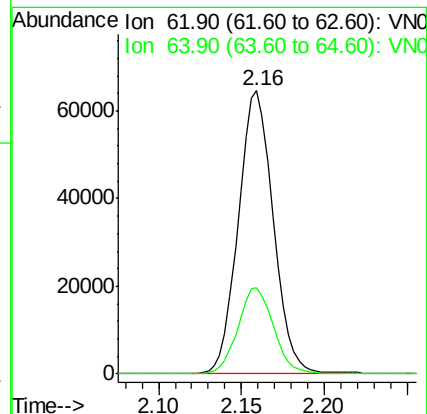
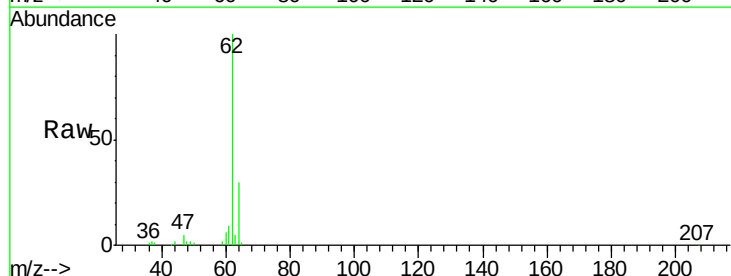
Acq: 11 Aug 2020 22:22

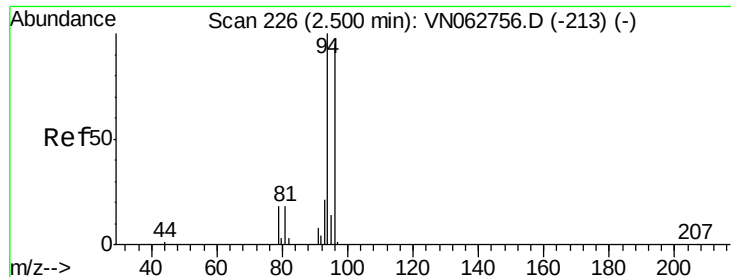
Tgt Ion: 62 Resp: 94754

Ion Ratio Lower Upper

62 100

64 30.4 25.8 38.8





#5

Bromomethane

Concen: 49.792 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

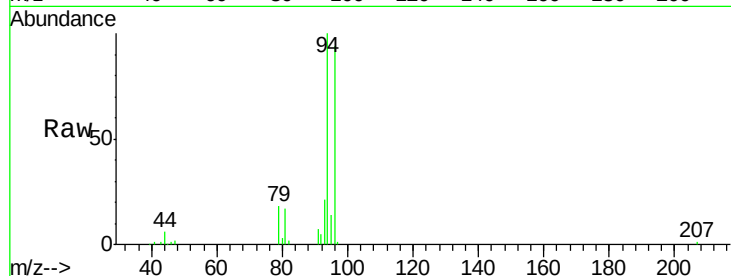
VSTDCCC050EC

Tot Ion: 94 Resp: 72422

Ion Ratio Lower Upper

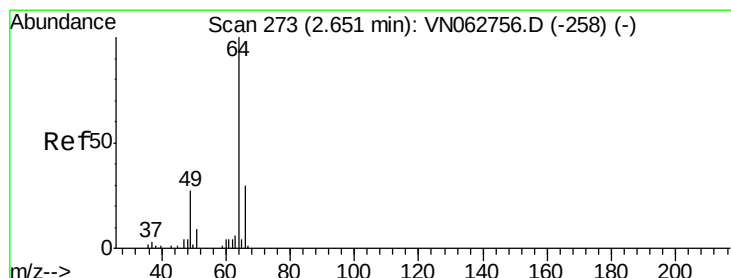
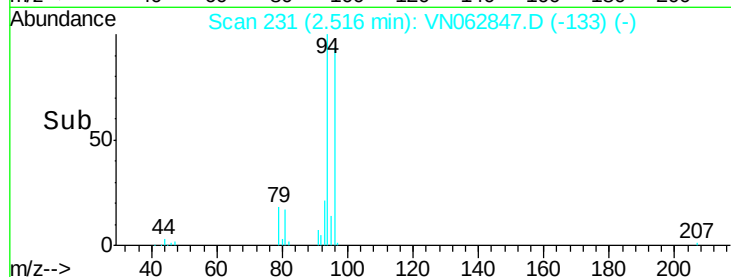
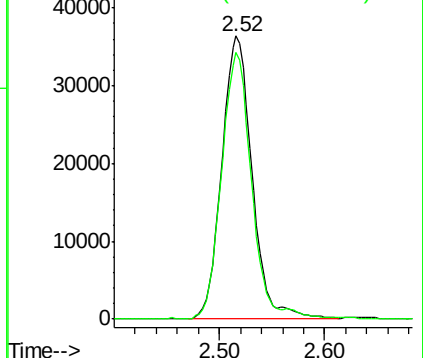
94 100

96 94.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.391 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062847.D

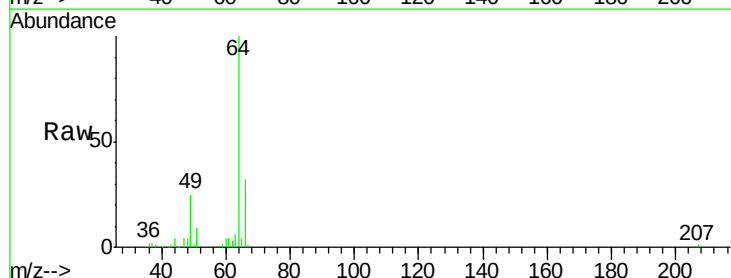
Acq: 11 Aug 2020 22:22

Tgt Ion: 64 Resp: 75730

Ion Ratio Lower Upper

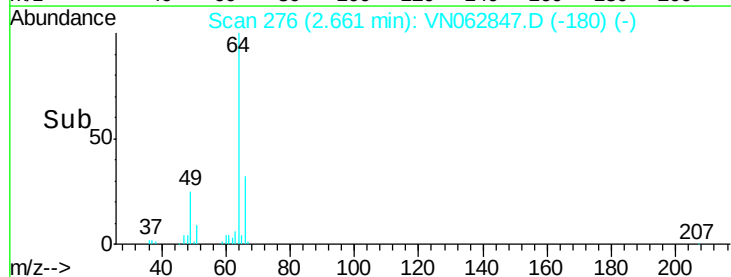
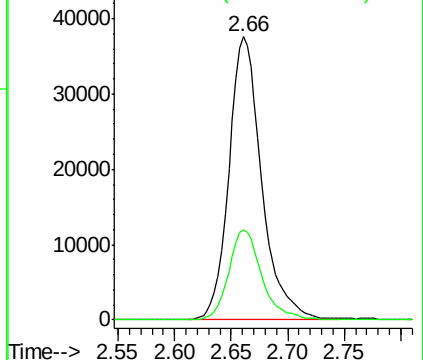
64 100

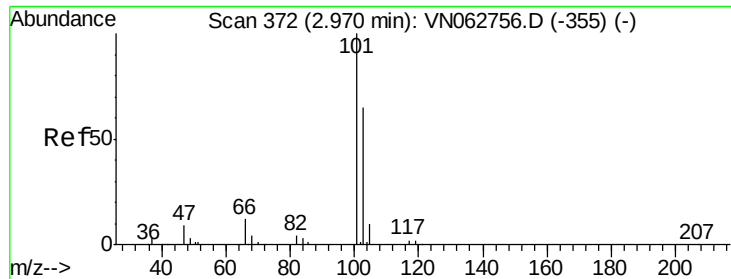
66 31.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



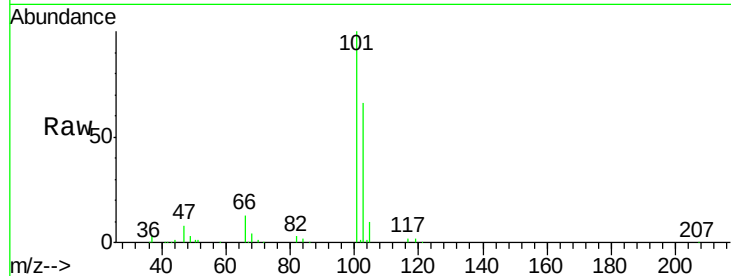


#7

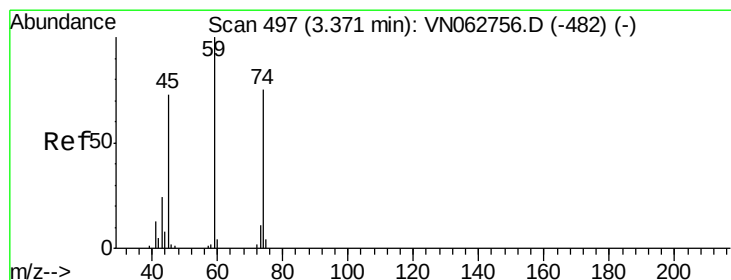
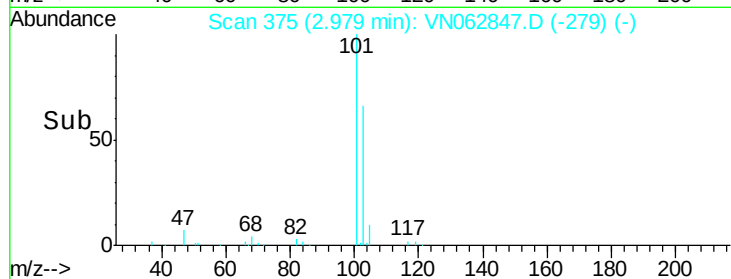
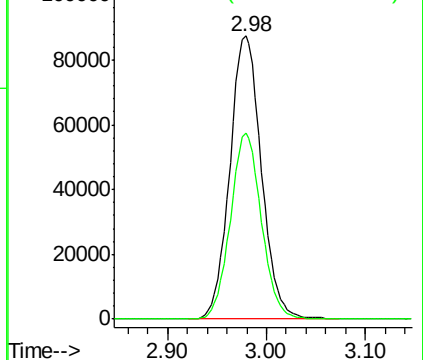
Trichlorofluoromethane
 Concen: 49.732 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 194848
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



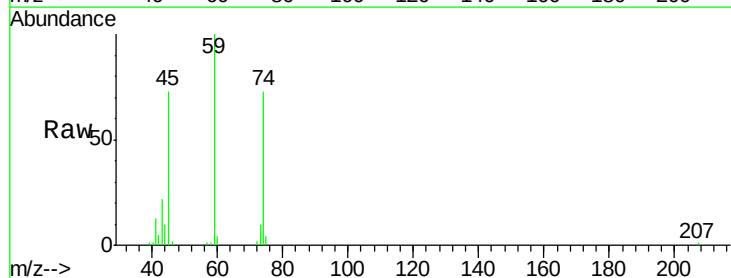
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



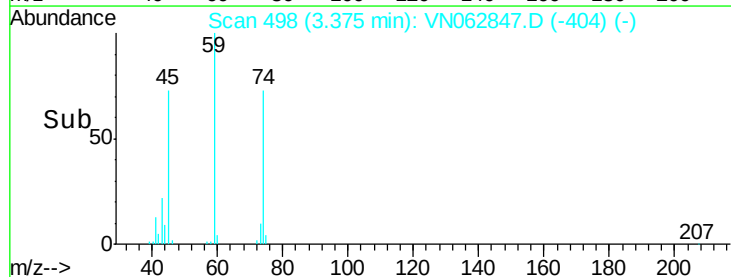
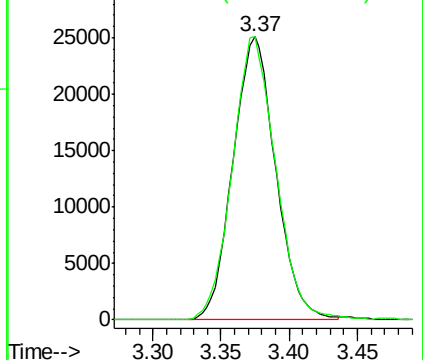
#8

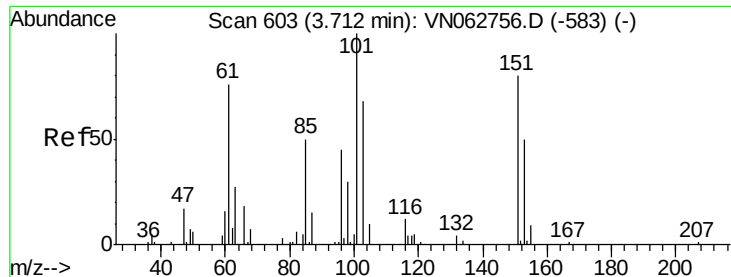
Diethyl Ether
 Concen: 48.553 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 74 Resp: 54457
 Ion Ratio Lower Upper
 74 100
 45 101.9 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: 52.640 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

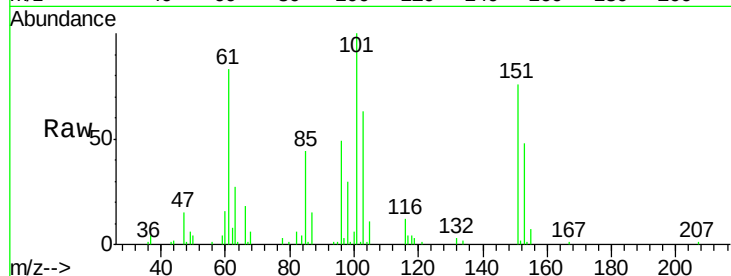
Tot Ion:101 Resp: 83106

Ion Ratio Lower Upper

101 100

85 45.7 38.5 57.7

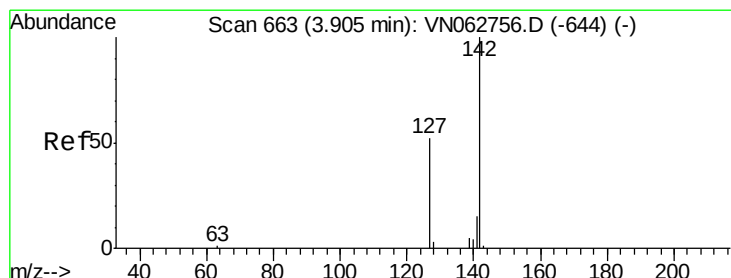
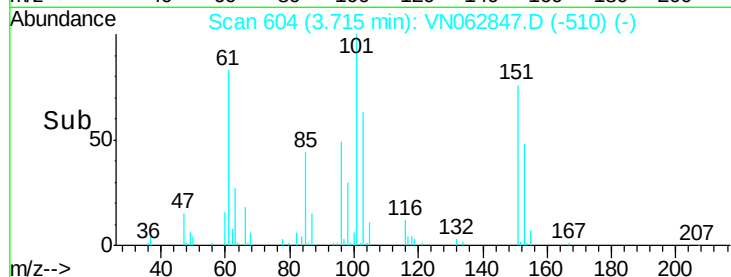
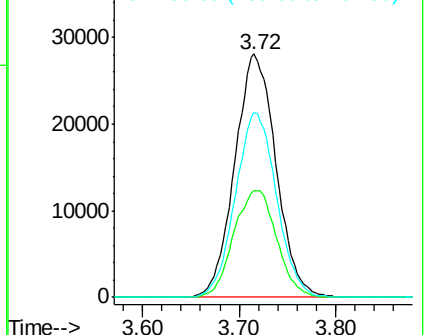
151 75.8 63.0 94.6



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: 53.975 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

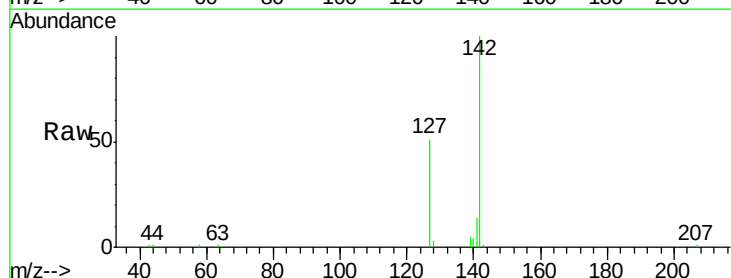
Tgt Ion:142 Resp: 102497

Ion Ratio Lower Upper

142 100

127 49.5 41.4 62.0

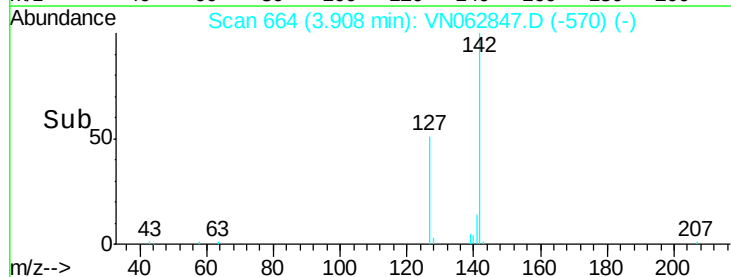
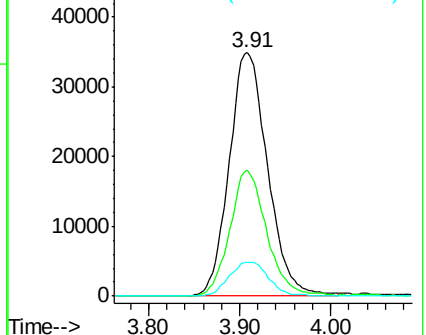
141 14.3 12.2 18.4

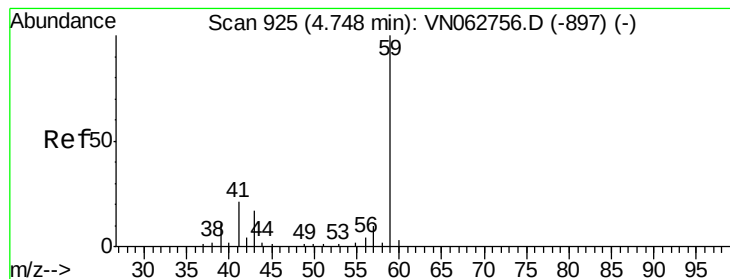


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



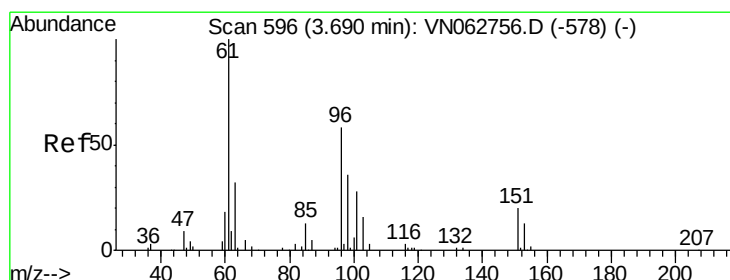
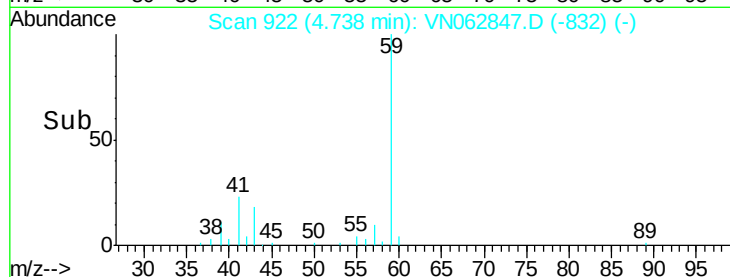
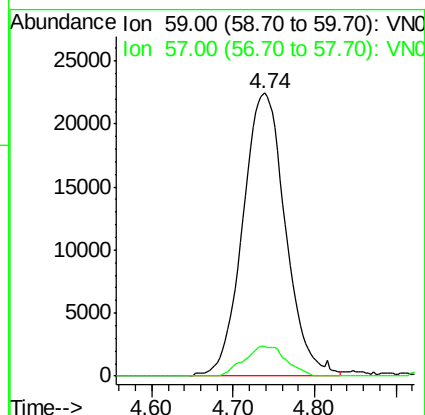
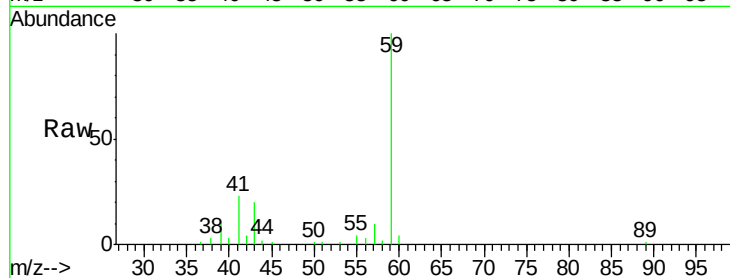


#11

Tert butyl alcohol
 Concen: 173.642 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

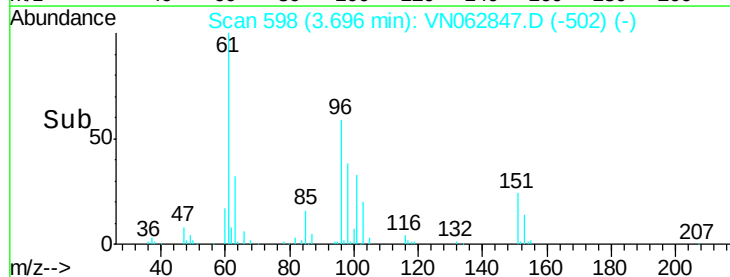
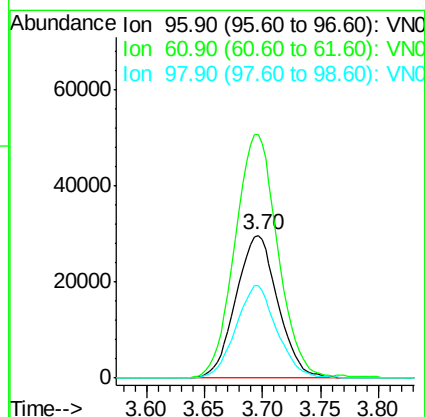
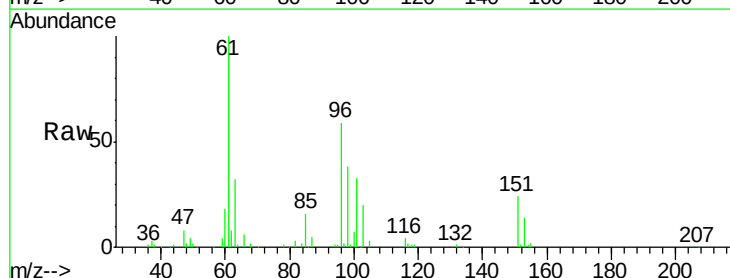
Tot Ion: 59 Resp: 81589
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

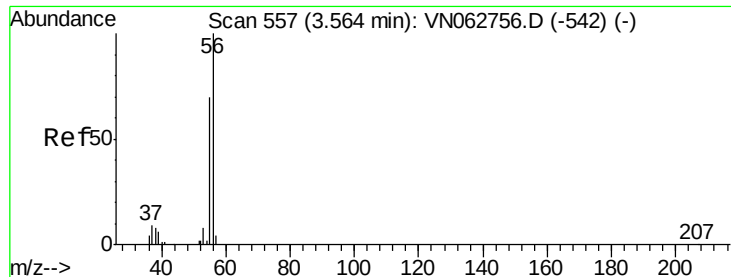


#12

1,1-Dichloroethene
 Concen: 50.626 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 96 Resp: 74722
 Ion Ratio Lower Upper
 96 100
 61 170.9 139.0 208.6
 98 65.2 50.2 75.4





#13

Acrolein

Concen: 123.340 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

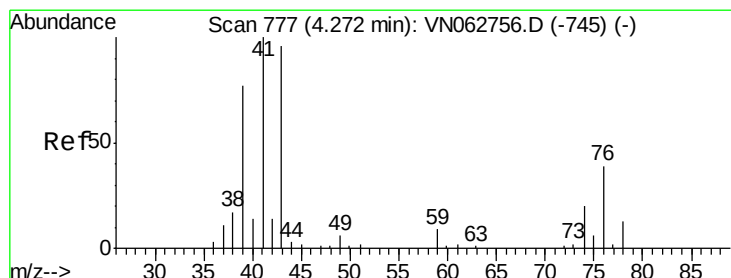
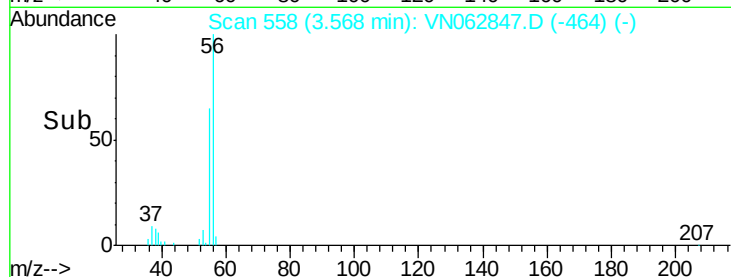
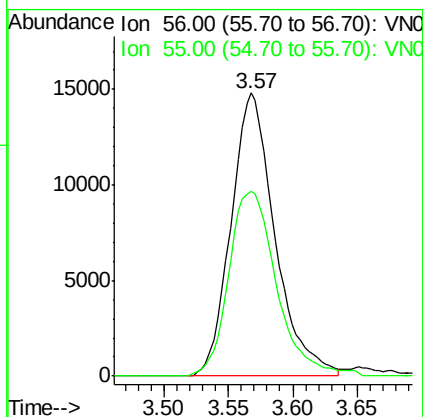
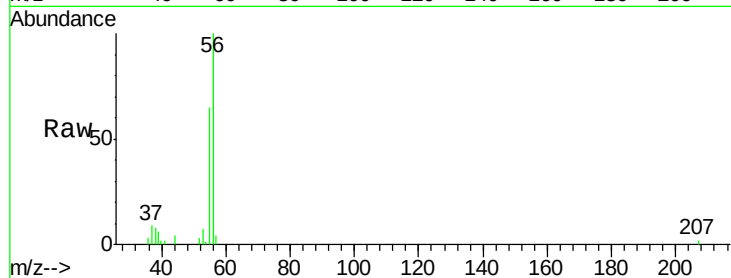
VSTDCCC050EC

Tot Ion: 56 Resp: 35089

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.6



#14

Allyl chloride

Concen: 42.949 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

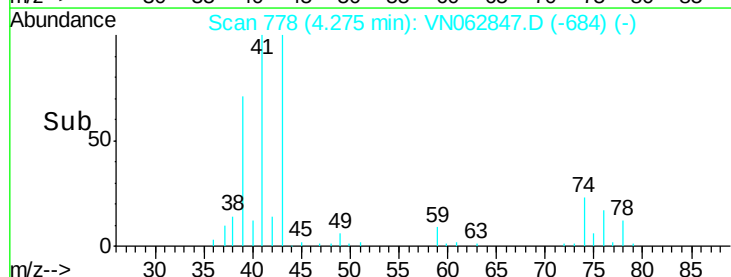
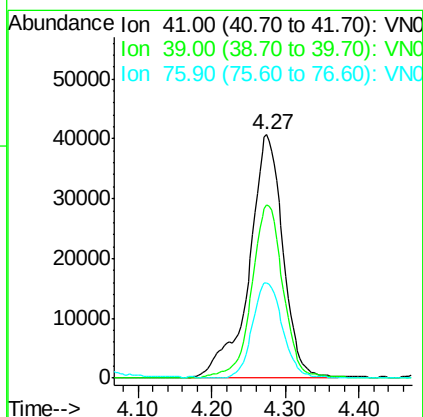
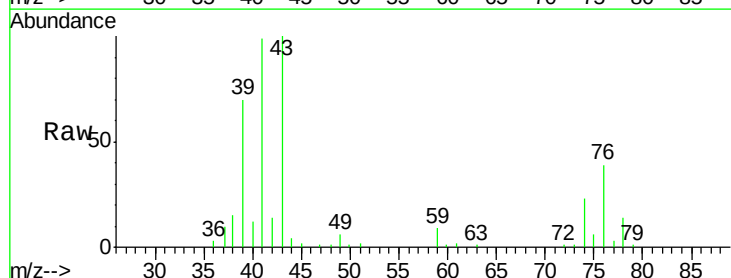
Tgt Ion: 41 Resp: 130359

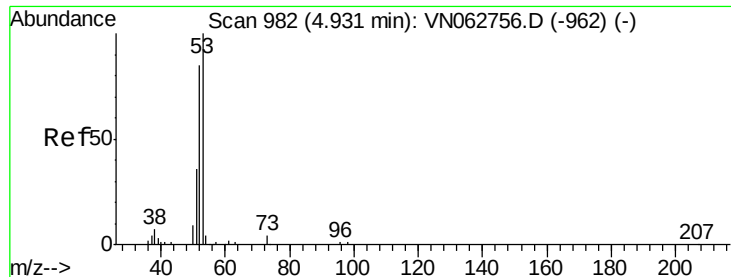
Ion Ratio Lower Upper

41 100

39 65.7 55.7 83.5

76 34.8 27.5 41.3





#15

Acrylonitrile

Concen: 201.815 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

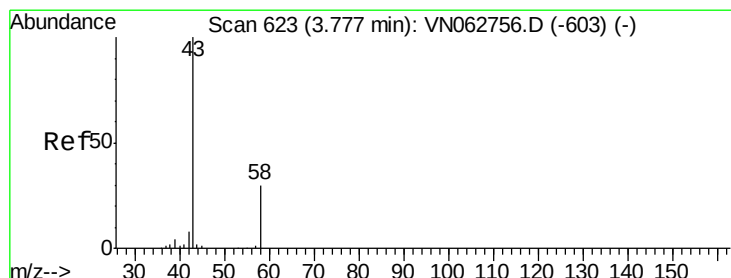
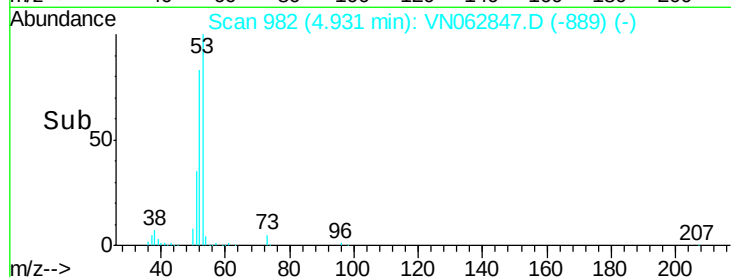
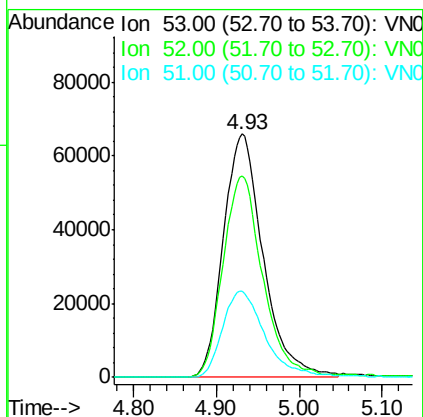
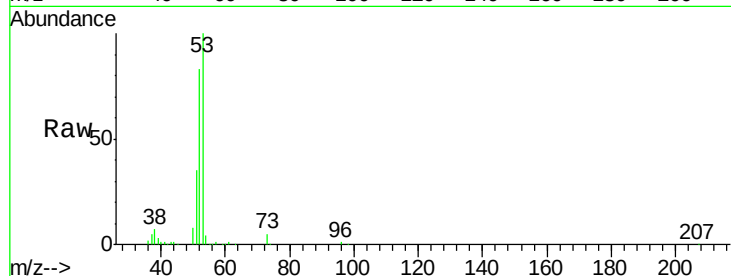
Tot Ion: 53 Resp: 219941

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

51 37.3 29.5 44.3



#16

Acetone

Concen: 205.275 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062847.D

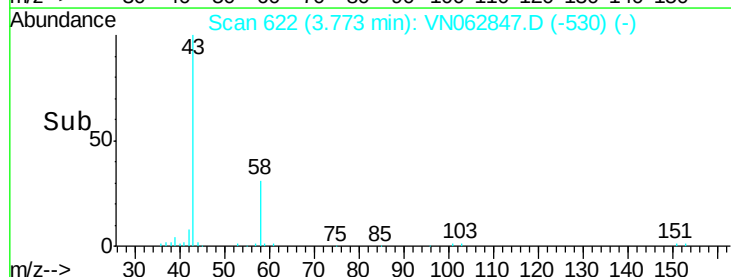
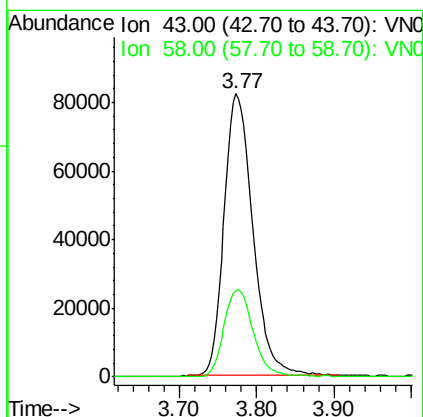
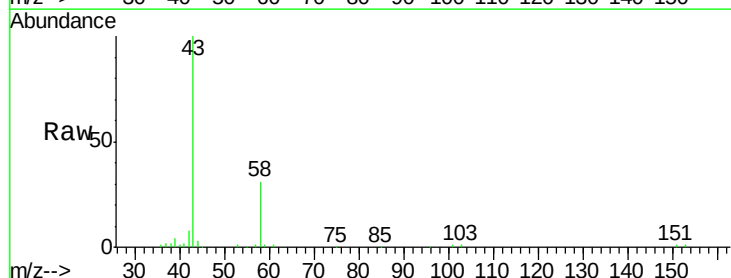
Acq: 11 Aug 2020 22:22

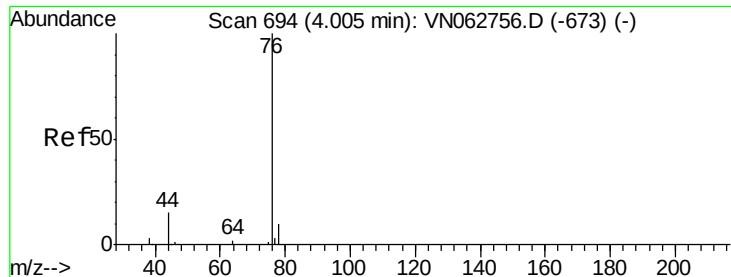
Tgt Ion: 43 Resp: 212644

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1





#17

Carbon Disulfide

Concen: 47.812 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

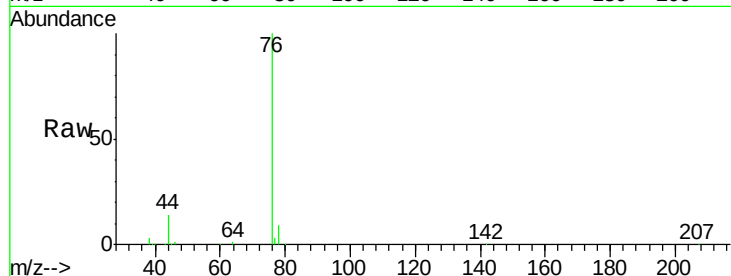
VSTDCCC050EC

Tot Ion: 76 Resp: 200582

Ion Ratio Lower Upper

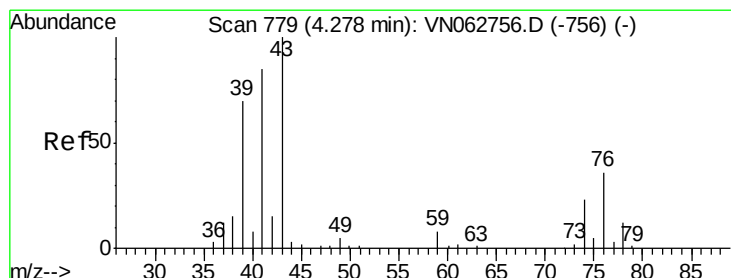
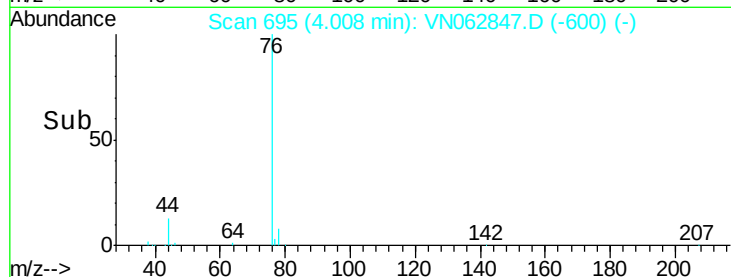
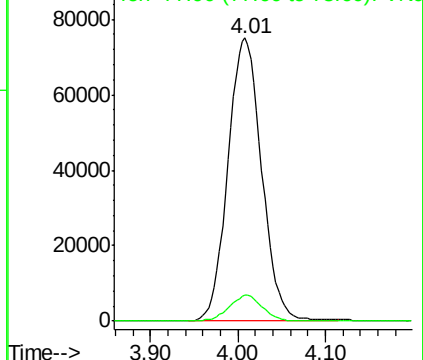
76 100

78 9.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 48.384 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062847.D

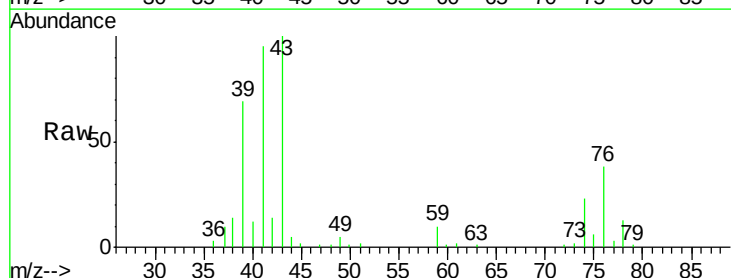
Acq: 11 Aug 2020 22:22

Tgt Ion: 43 Resp: 118635

Ion Ratio Lower Upper

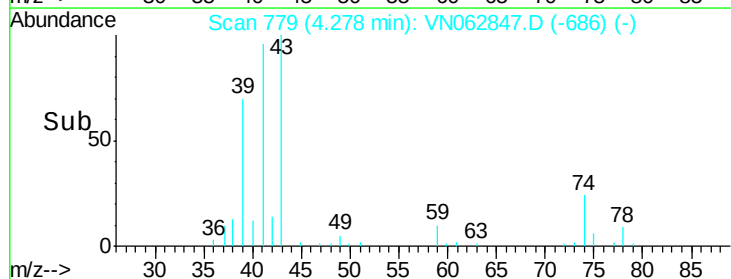
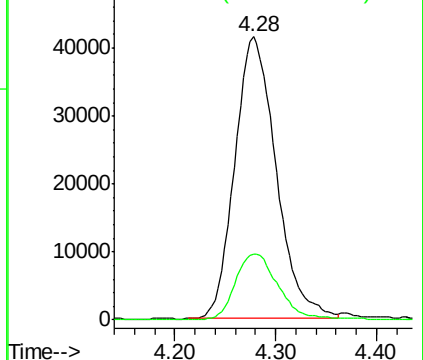
43 100

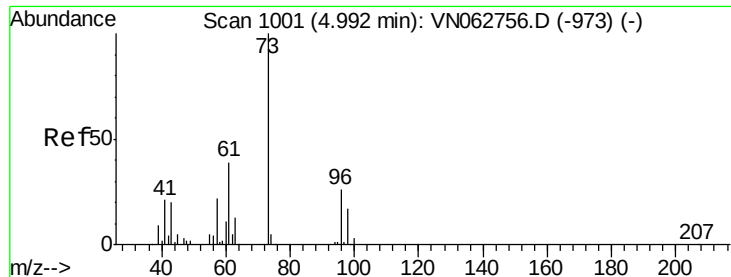
74 24.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

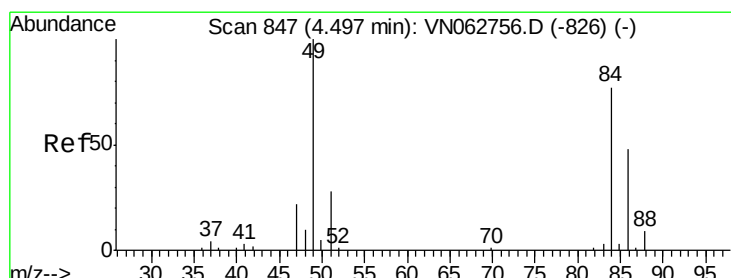
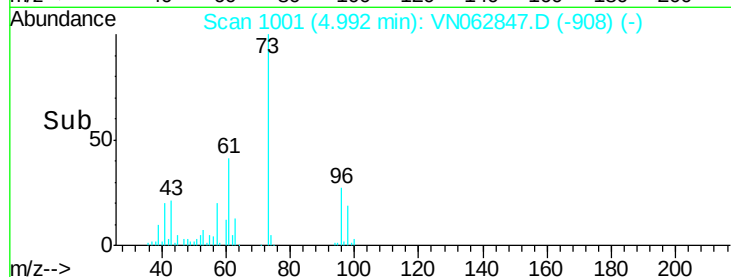
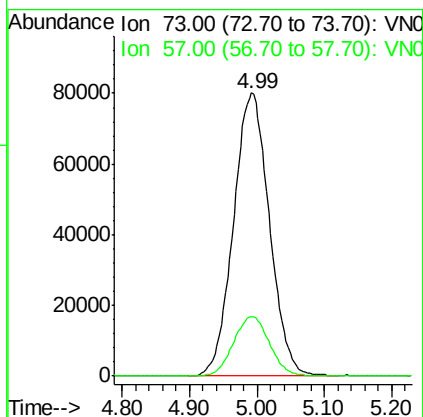
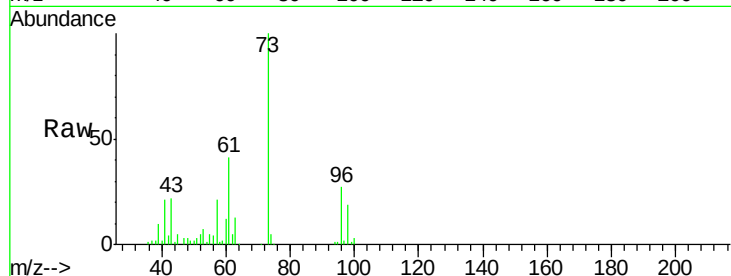




#19
Methvl tert-butvl Ether
Concen: 44.260 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

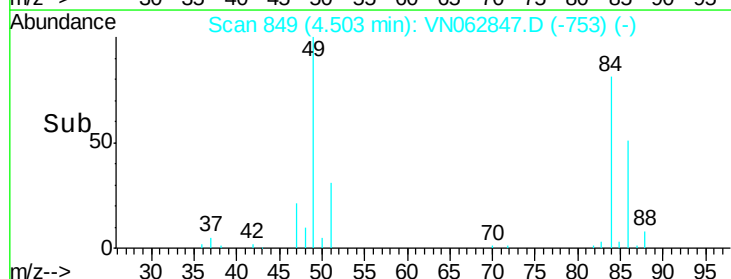
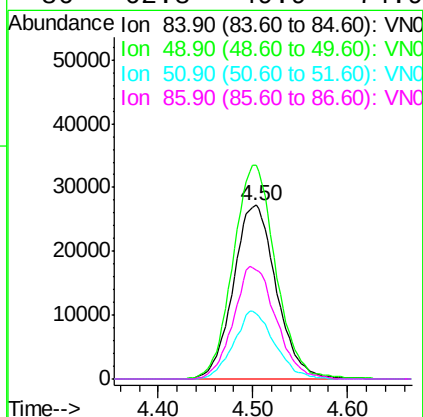
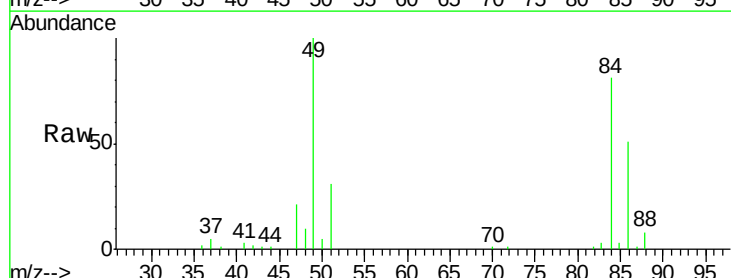
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

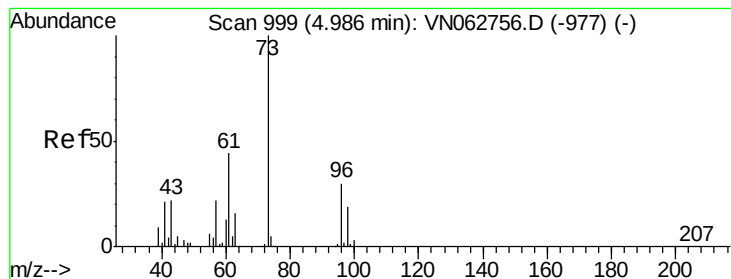
Tot Ion: 73 Resp: 297274
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3



#20
Methylene Chloride
Concen: 45.390 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 84 Resp: 86181
Ion Ratio Lower Upper
84 100
49 122.5 103.4 155.2
51 38.0 29.3 43.9
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 41.737 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

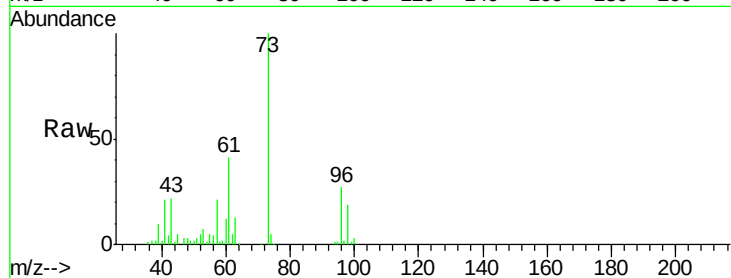
Tot Ion: 96 Resp: 72407

Ion Ratio Lower Upper

96 100

61 149.8 118.8 178.2

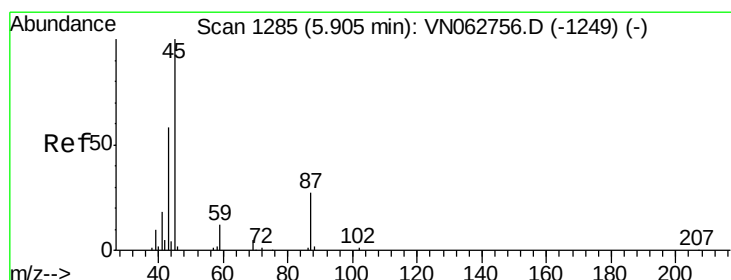
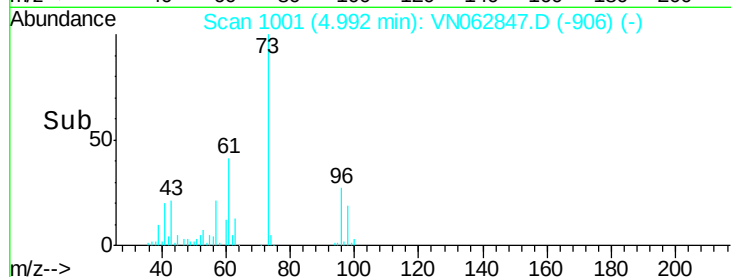
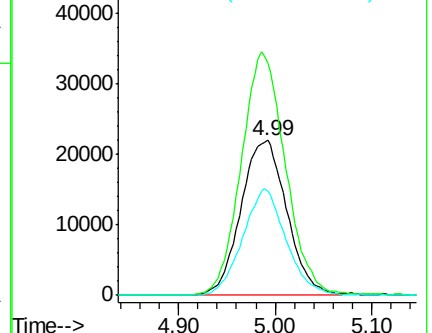
98 67.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062847.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN062847.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN062847.D (-1000) (-)



#22

Diisopropyl ether

Concen: 43.257 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Tgt Ion: 45 Resp: 279494

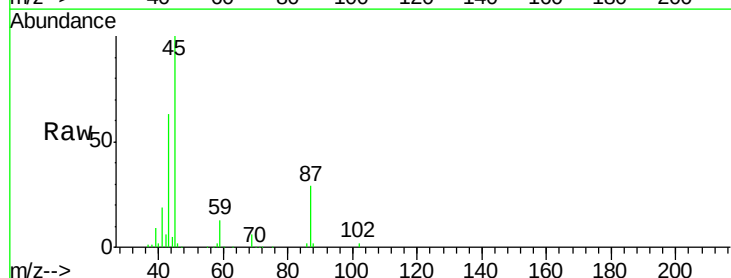
Ion Ratio Lower Upper

45 100

43 60.8 47.4 71.2

87 28.5 22.8 34.2

59 12.3 9.9 14.9

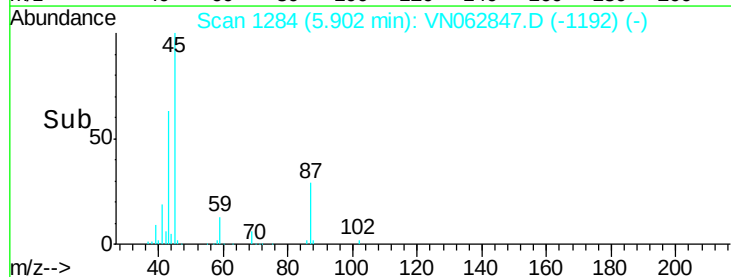
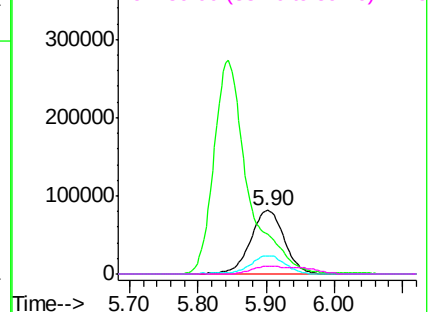


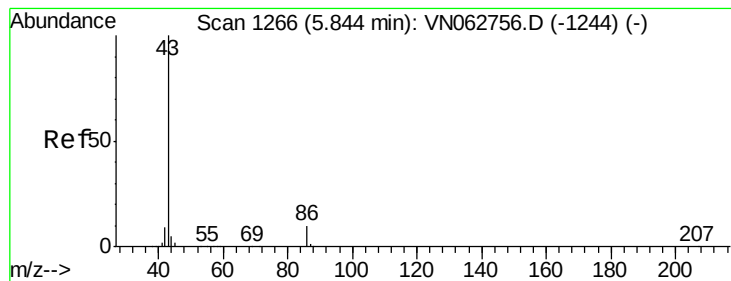
Abundance Ion 45.00 (44.70 to 45.70): VN062847.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062847.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062847.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062847.D (-1192) (-)





#23

Vinyl Acetate

Concen: 192.220 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

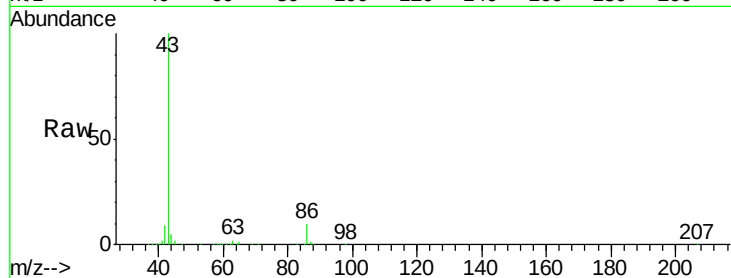
VSTDCCC050EC

Tot Ion: 43 Resp: 944677

Ion Ratio Lower Upper

43 100

86 10.4 7.7 11.5



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

Ion 86.00 (85.70 to 86.70): VN062756.D (-1244) (-)

5.84

300000

250000

200000

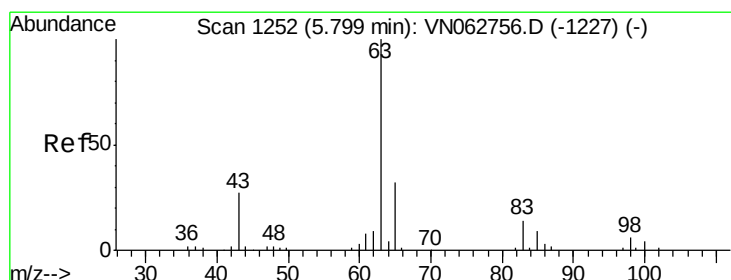
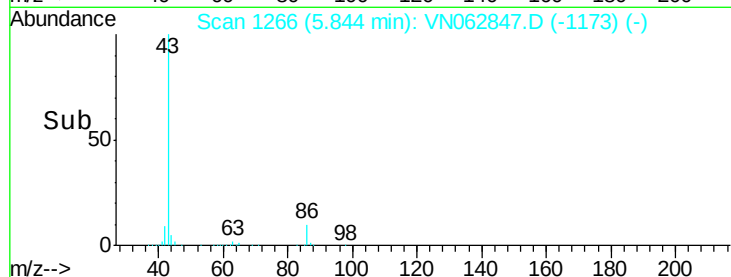
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 41.177 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

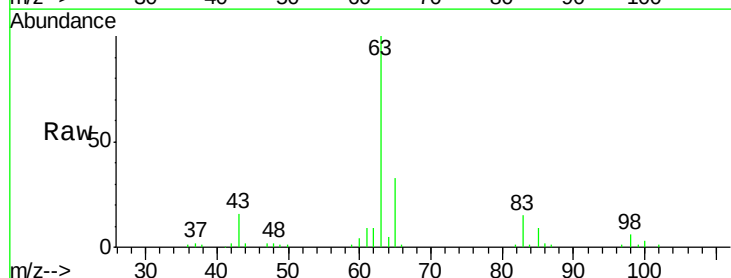
Tgt Ion: 63 Resp: 155915

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.4 1.9 5.7



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

Ion 97.90 (97.60 to 98.60): VN062756.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062756.D (-1227) (-)

5.80

60000

50000

40000

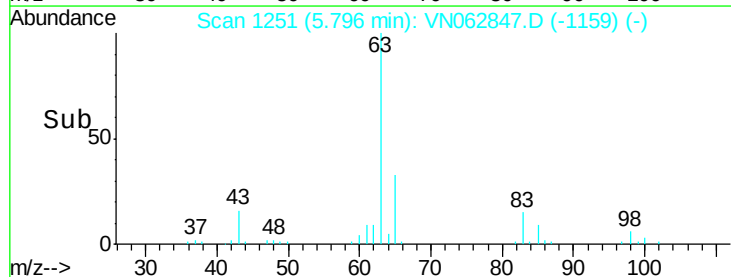
30000

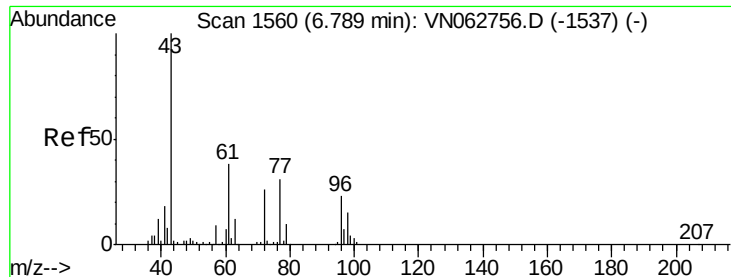
20000

10000

0

Time-->





#25

2-Butanone

Concen: 189.291 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

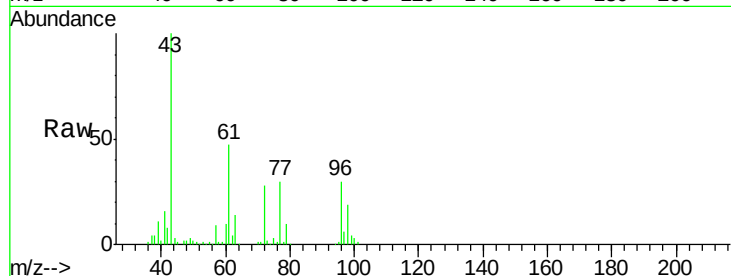
VSTDCCC050EC

Tot Ion: 43 Resp: 277719

Ion Ratio Lower Upper

43 100

72 28.0 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1537) (-)

6.79

100000

80000

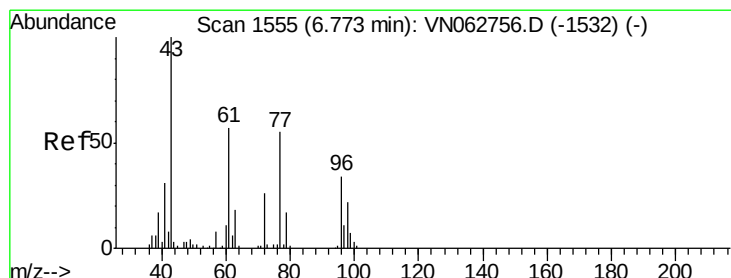
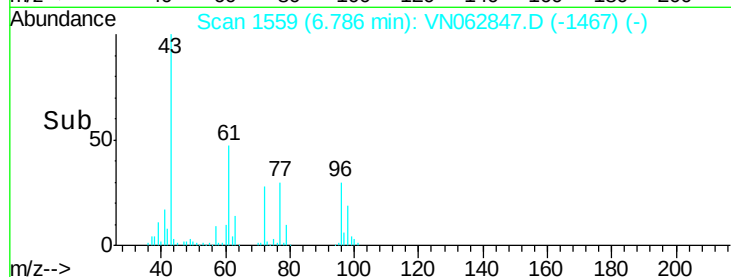
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 29.895 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062847.D

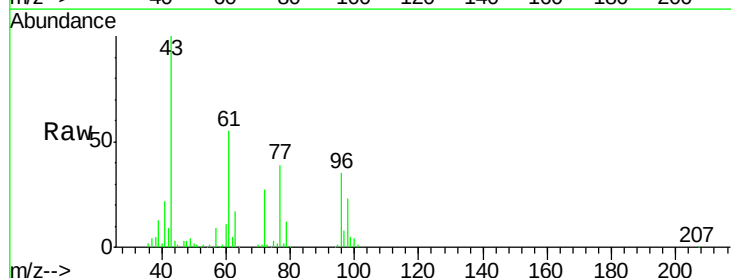
Acq: 11 Aug 2020 22:22

Tgt Ion: 77 Resp: 104342

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN062756.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062756.D (-1532) (-)

6.78

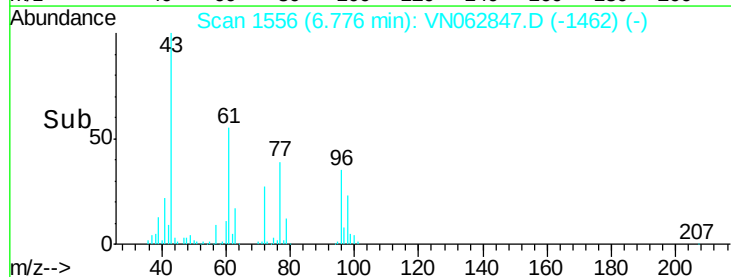
30000

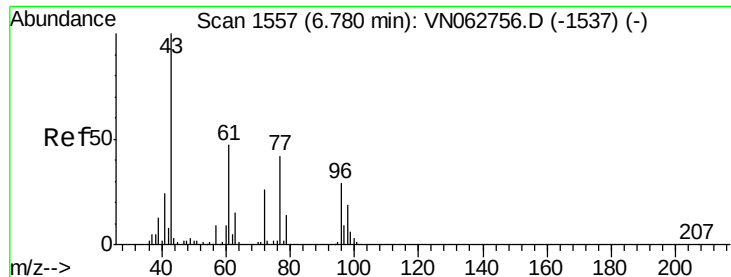
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 42.830 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

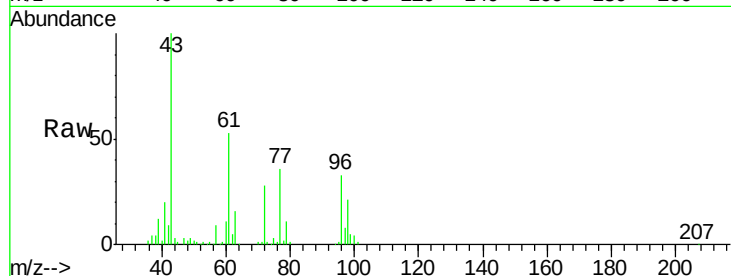
Tot Ion: 96 Resp: 89134

Ion Ratio Lower Upper

96 100

61 152.8 0.0 332.2

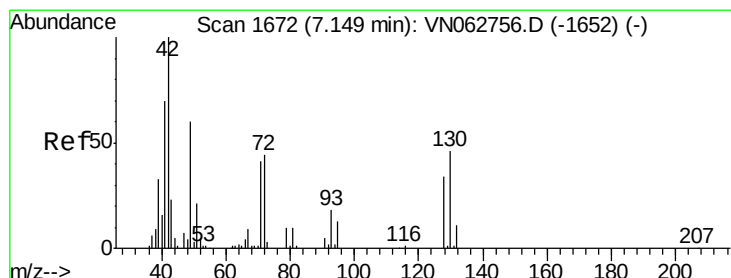
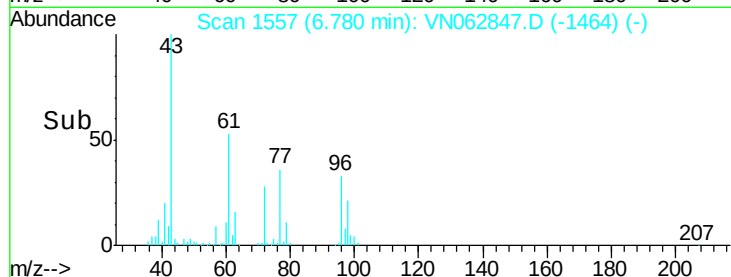
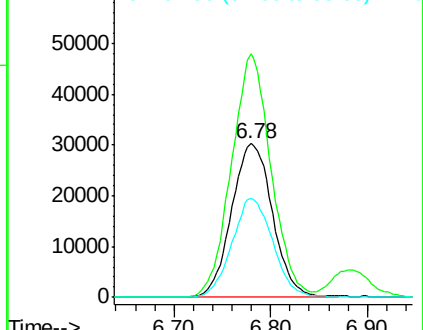
98 64.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062847.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062847.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062847.D (-1464) (-)



#28

Bromochloromethane

Concen: 48.310 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

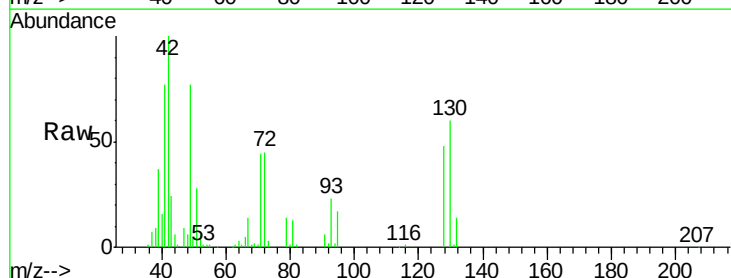
Tgt Ion: 49 Resp: 88284

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.2

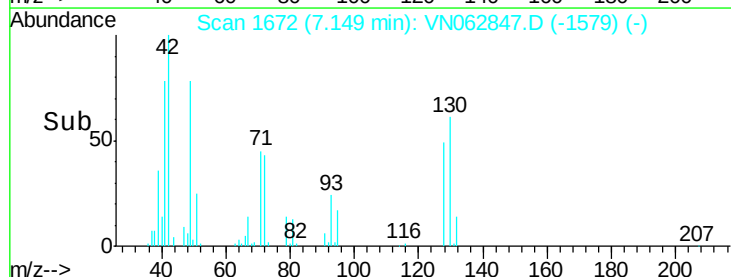
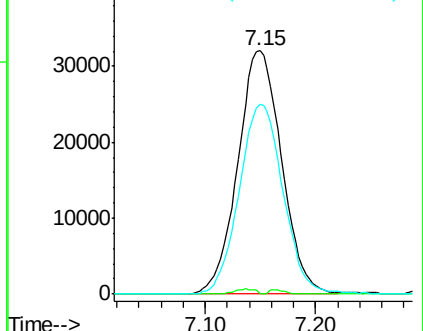
130 77.9 59.0 88.6

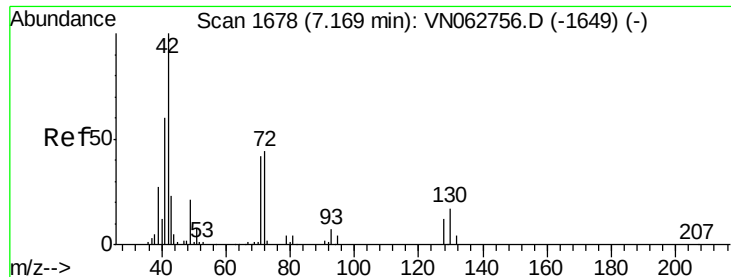


Abundance Ion 48.90 (48.60 to 49.60): VN062847.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062847.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062847.D (-1579) (-)

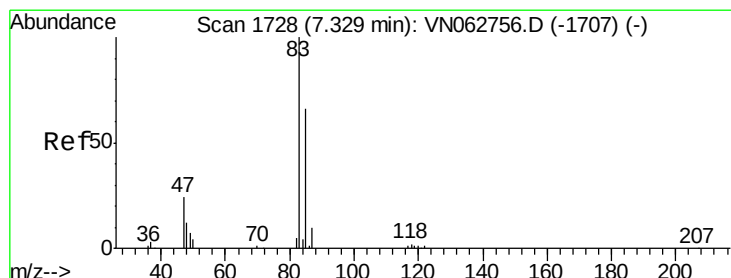
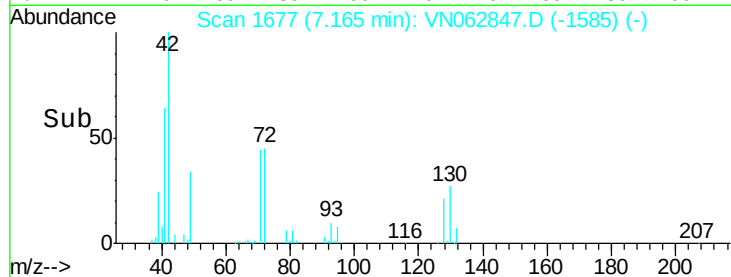
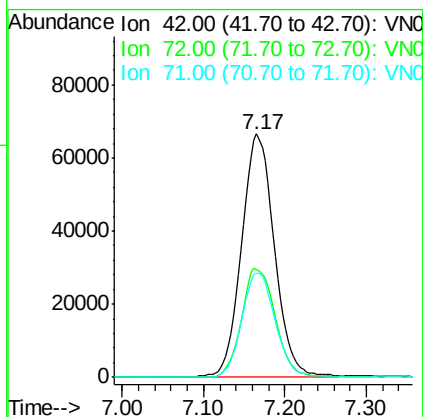
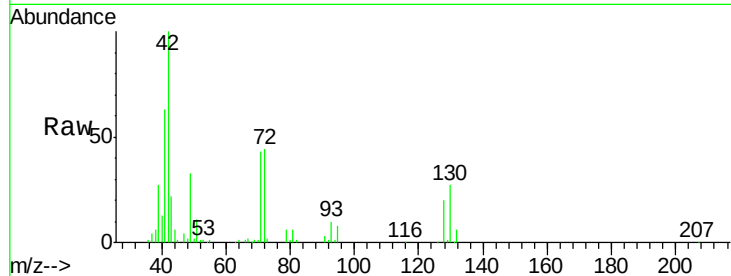




#29
Tetrahydrofuran
Concen: 194.433 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

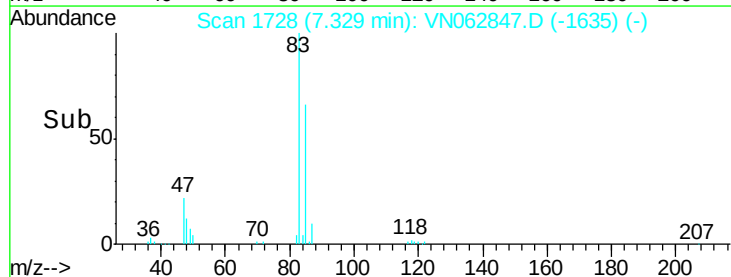
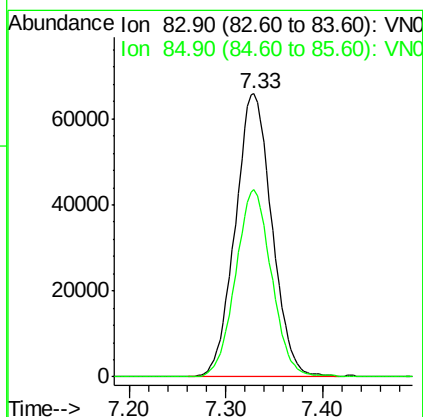
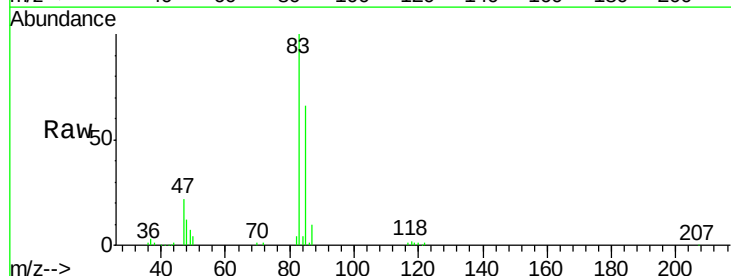
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

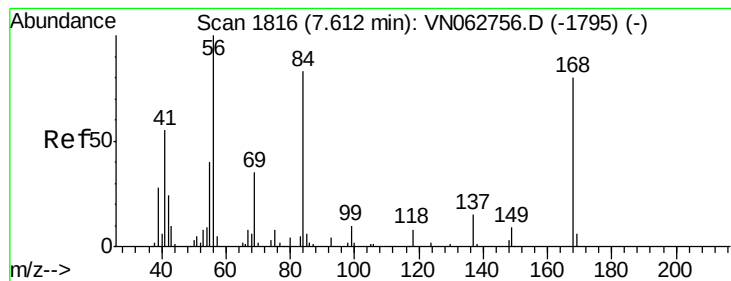
Tot Ion: 42 Resp: 185326
Ion Ratio Lower Upper
42 100
72 45.9 35.0 52.4
71 43.6 33.2 49.8



#30
Chloroform
Concen: 43.060 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 83 Resp: 173276
Ion Ratio Lower Upper
83 100
85 66.1 52.7 79.1





#31

Cyclohexane

Concen: 41.604 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

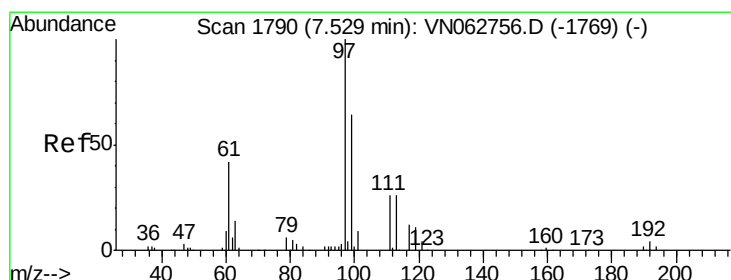
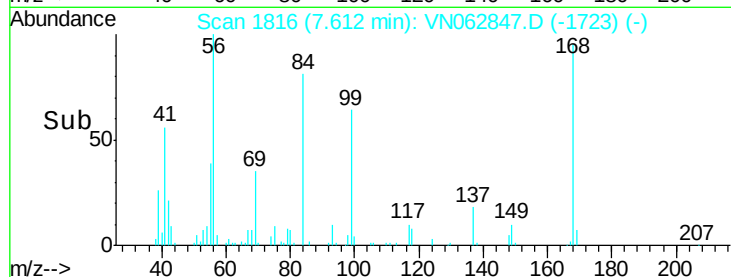
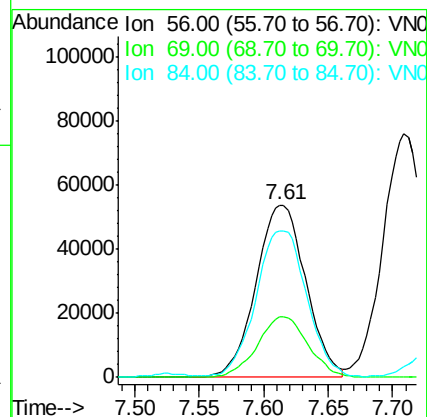
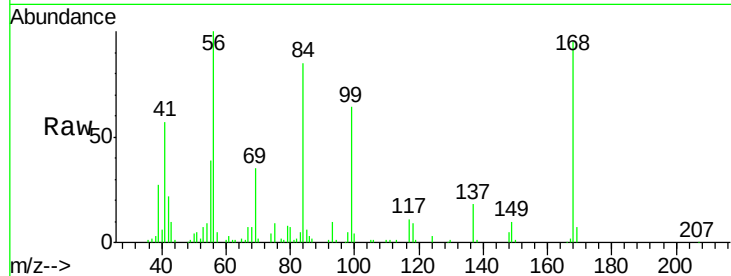
Tot Ion: 56 Resp: 144606

Ion Ratio Lower Upper

56 100

69 34.9 28.1 42.1

84 83.9 66.8 100.2



#32

1,1,1-Trichloroethane

Concen: 43.069 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

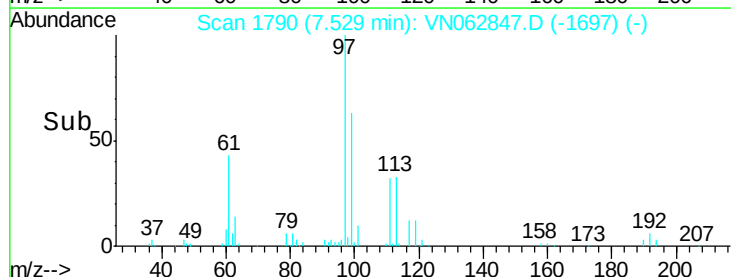
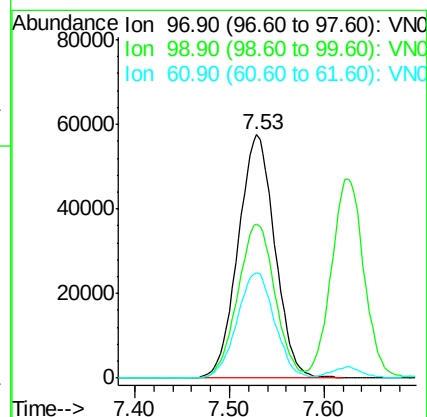
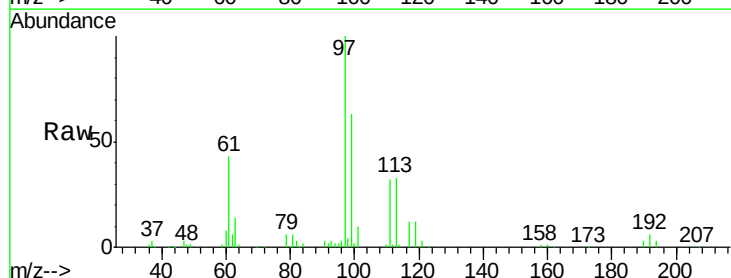
Tgt Ion: 97 Resp: 154954

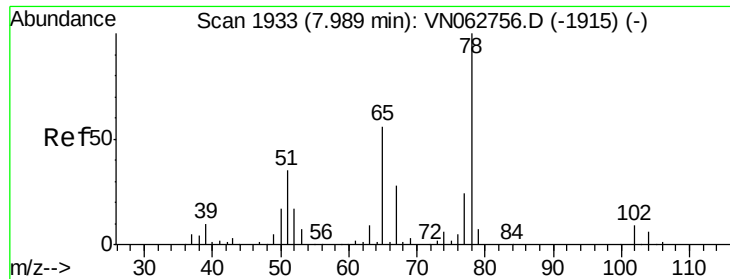
Ion Ratio Lower Upper

97 100

99 64.3 50.0 75.0

61 44.3 34.8 52.2

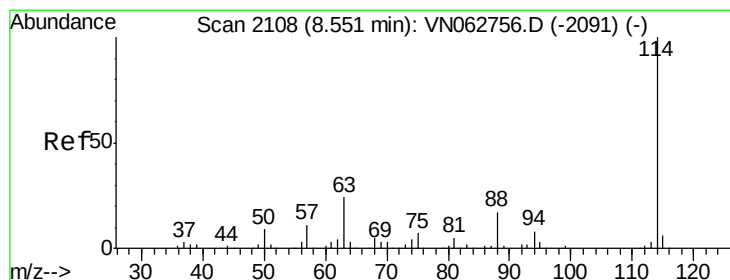
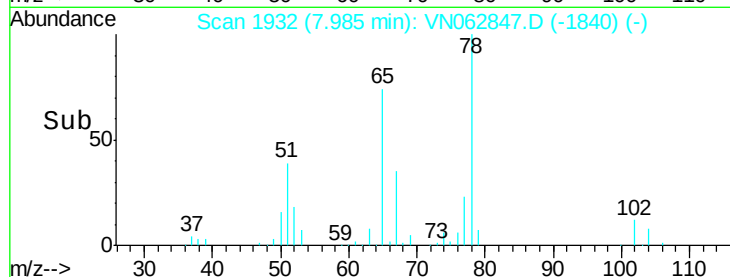
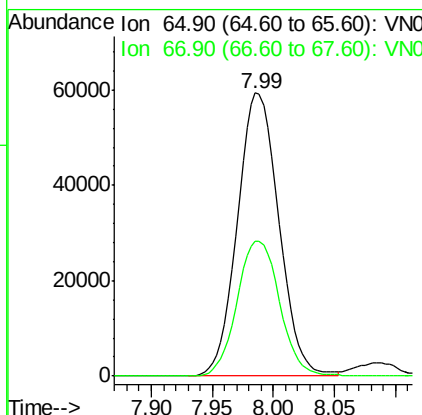
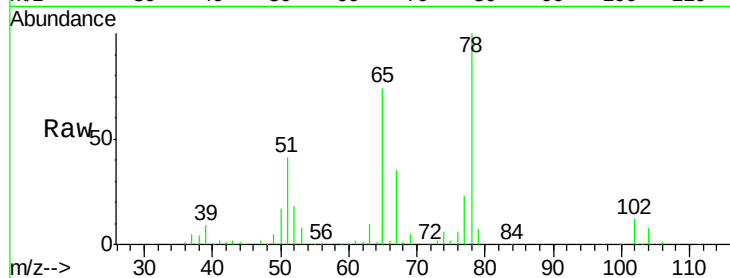




#33
 1,2-Dichloroethane-d4
 Concen: 48.735 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

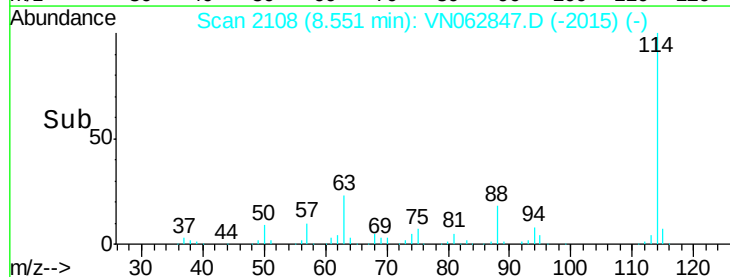
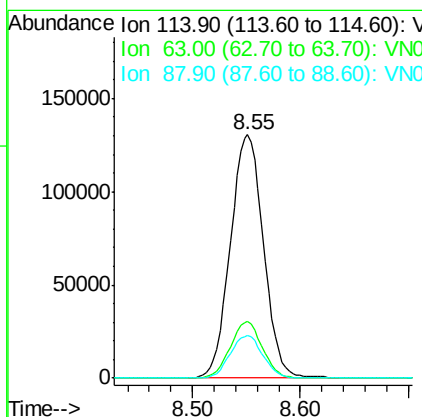
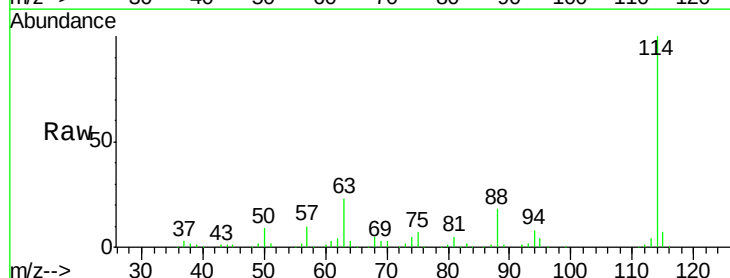
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

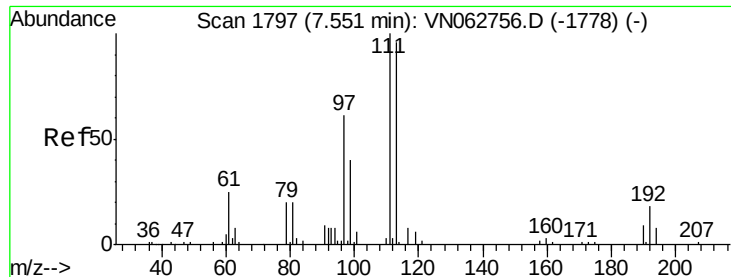
Tot Ion: 65 Resp: 139716
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 114 Resp: 279405
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.6
 88 17.6 0.0 34.4

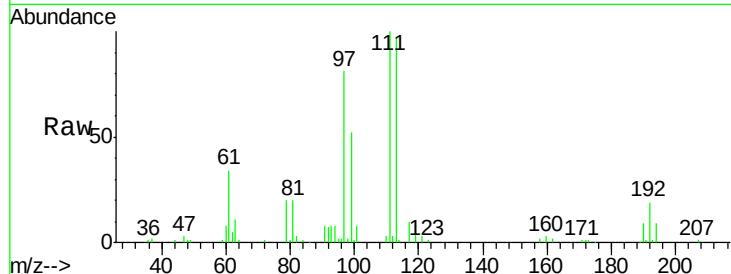




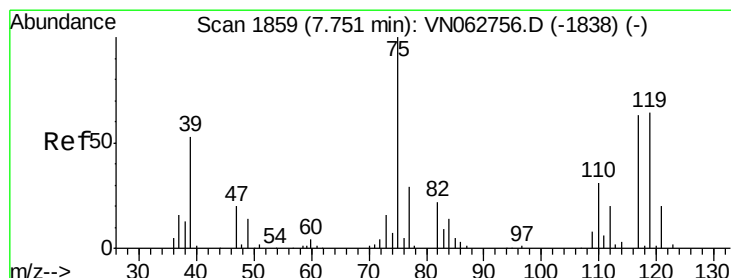
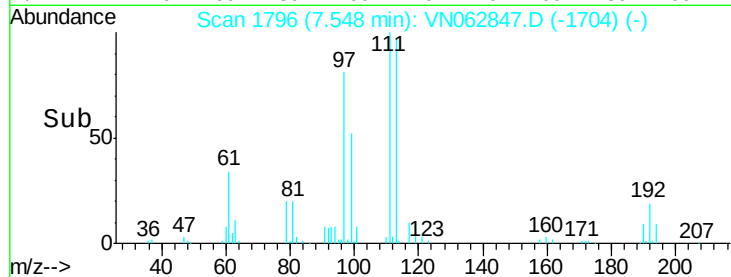
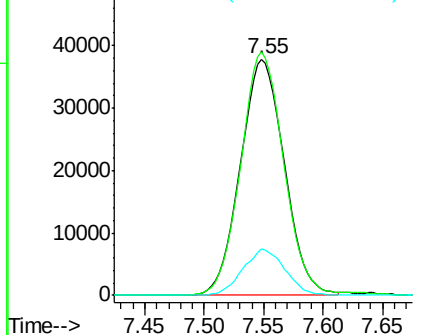
#35
 Dibromofluoromethane
 Concen: 50.688 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 96880
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.8 122.6
 192 18.7 15.0 22.4

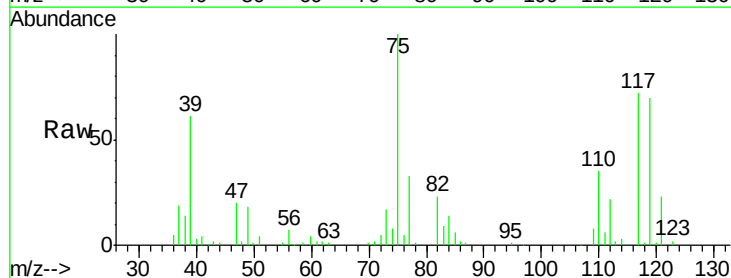


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

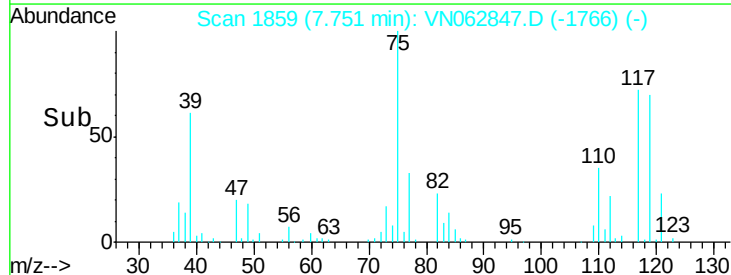
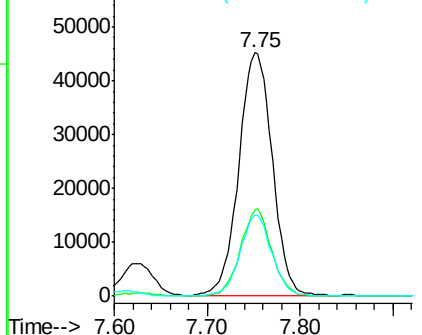


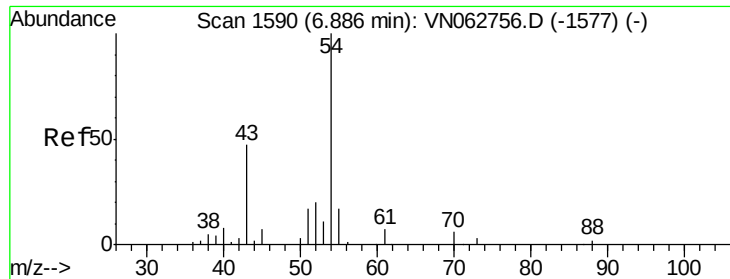
#36
 1,1-Dichloropropene
 Concen: 41.860 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 75 Resp: 113884
 Ion Ratio Lower Upper
 75 100
 110 33.0 15.6 46.7
 77 31.3 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

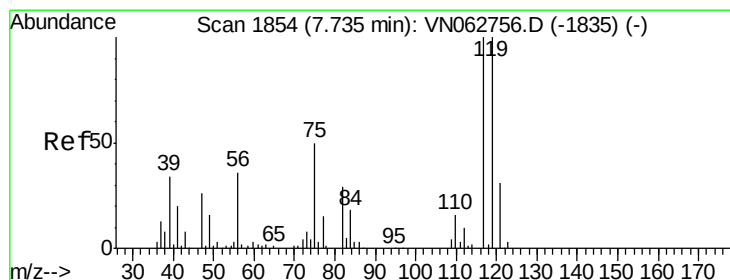
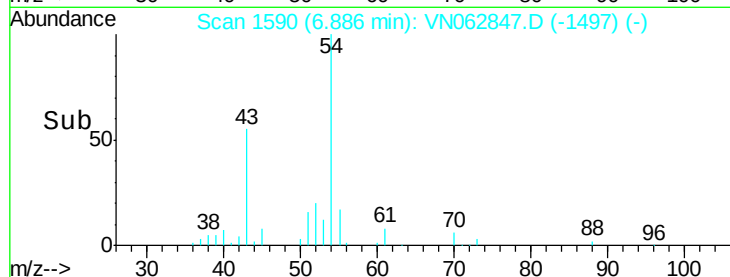
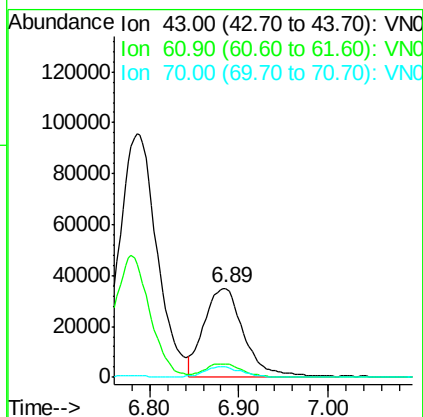
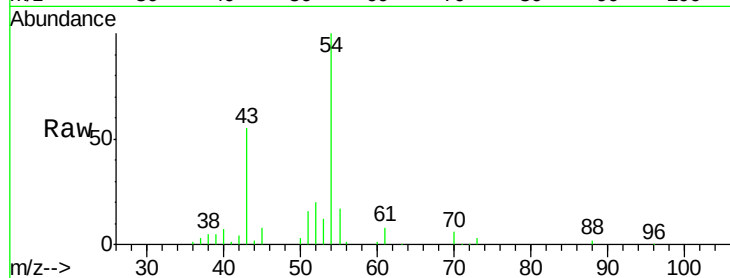




#37
Ethyl Acetate
Concen: 37.548 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

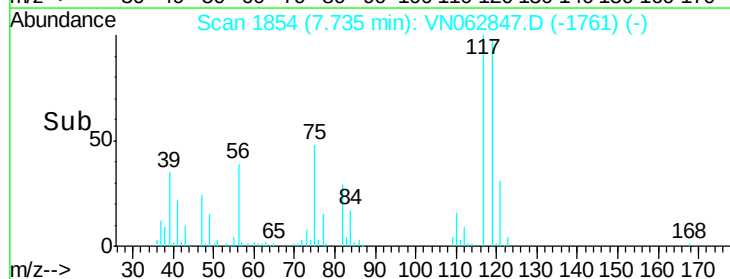
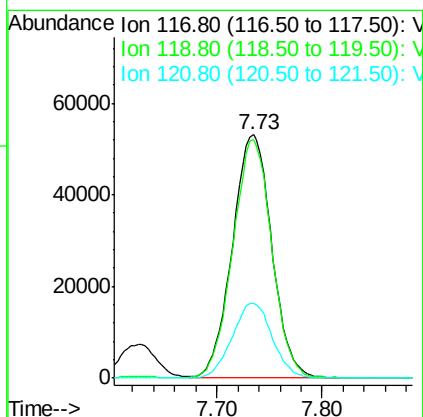
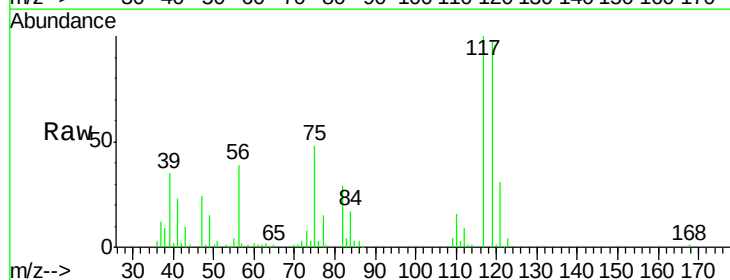
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

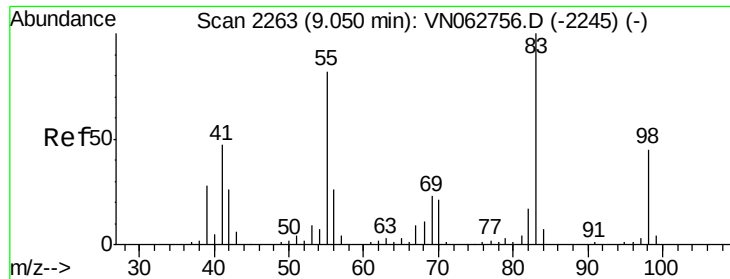
Tot Ion: 43 Resp: 106708
Ion Ratio Lower Upper
43 100
61 14.8 12.1 18.1
70 11.3 8.3 12.5



#38
Carbon Tetrachloride
Concen: 42.898 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 117 Resp: 138030
Ion Ratio Lower Upper
117 100
119 98.0 79.4 119.2
121 30.9 24.9 37.3

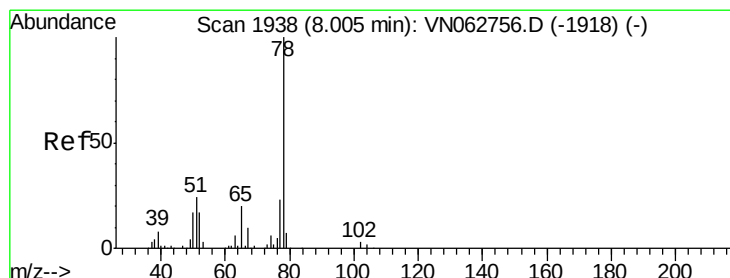
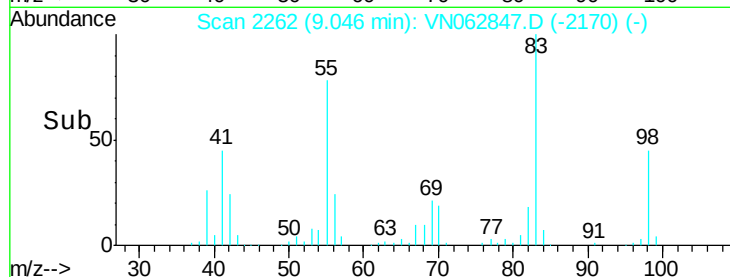
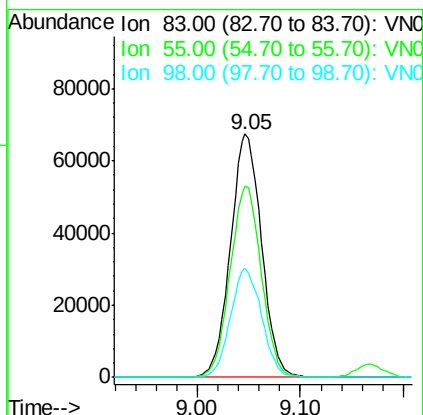
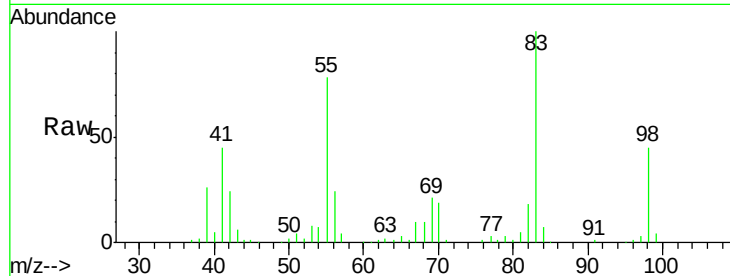




#39
Methylvlcyclohexane
Concen: 43.221 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

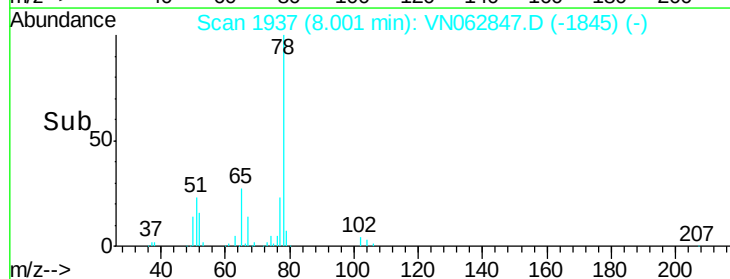
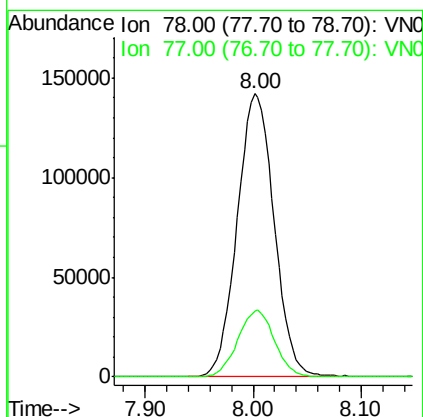
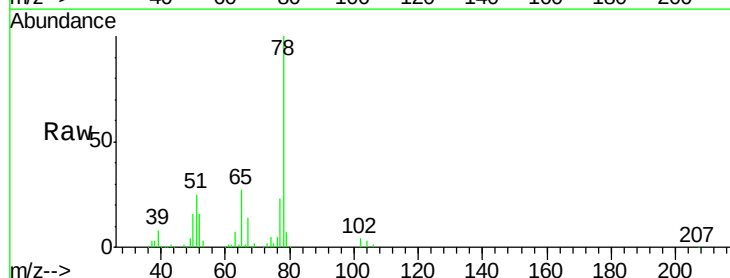
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

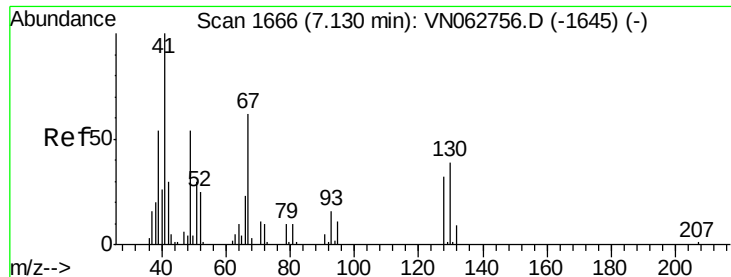
Tot Ion: 83 Resp: 141510
Ion Ratio Lower Upper
83 100
55 78.3 65.7 98.5
98 45.0 35.6 53.4



#40
Benzene
Concen: 41.634 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 78 Resp: 337996
Ion Ratio Lower Upper
78 100
77 23.0 18.1 27.1

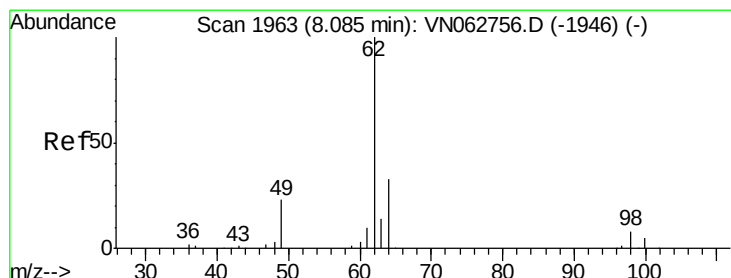
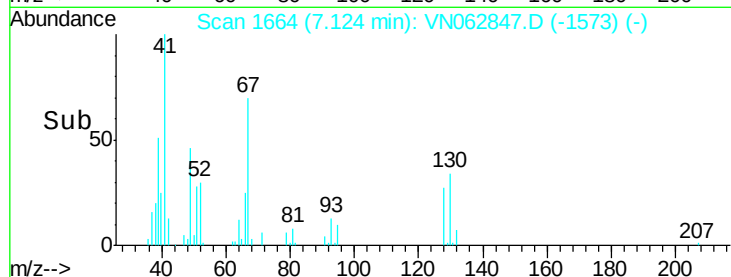
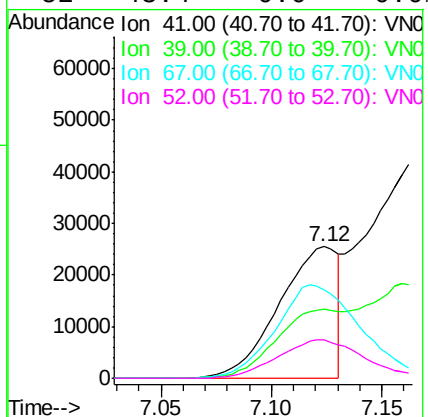
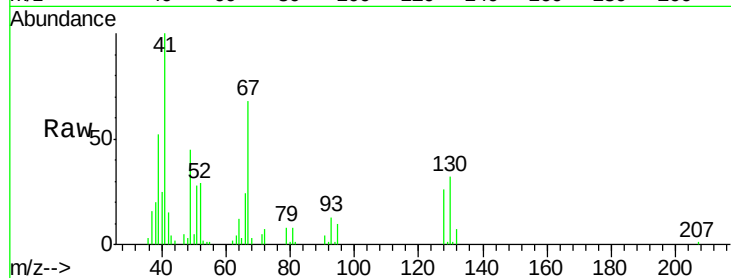




#41
Methacrylonitrile
Concen: 36.769 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

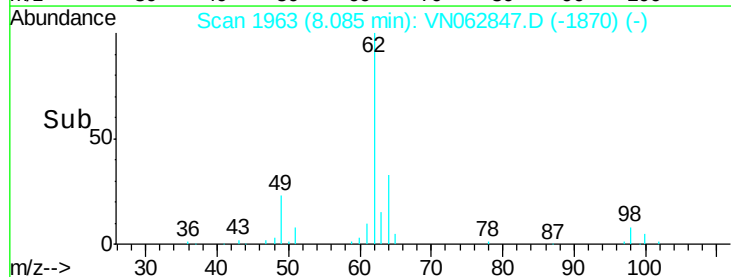
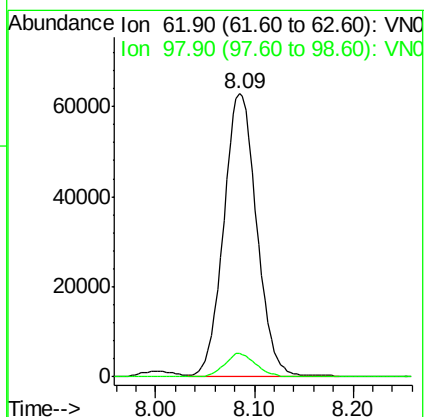
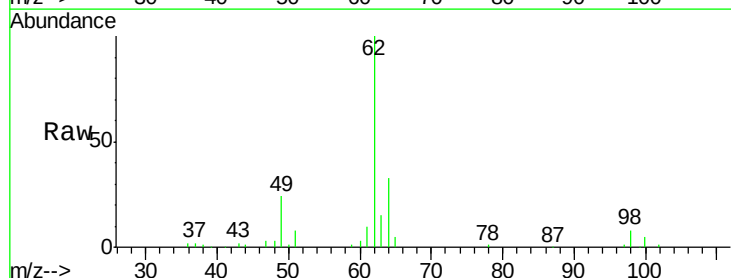
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

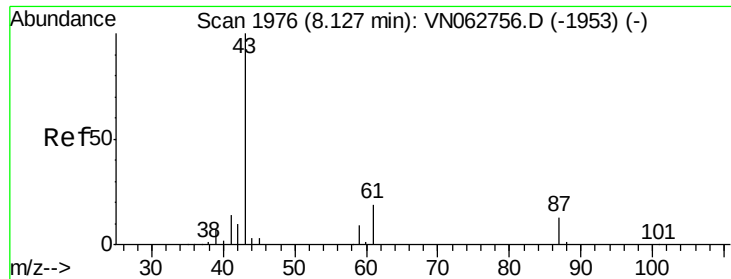
Tot Ion: 41 Resp: 47153
Ion Ratio Lower Upper
41 100
39 60.0 69.4 104.2#
67 103.4 0.0 0.0#
52 43.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 42.421 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 62 Resp: 146577
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 38.860 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

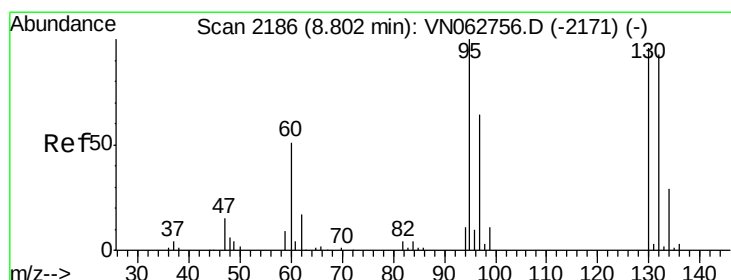
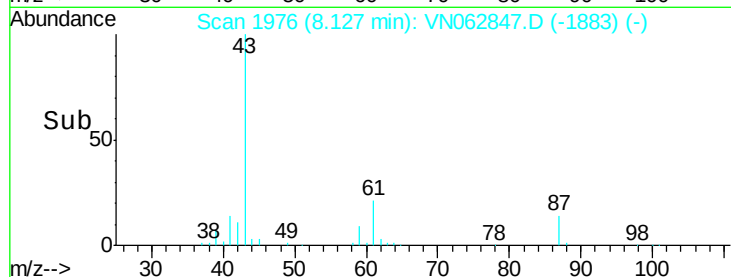
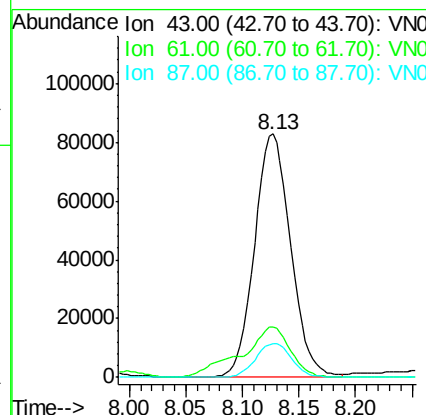
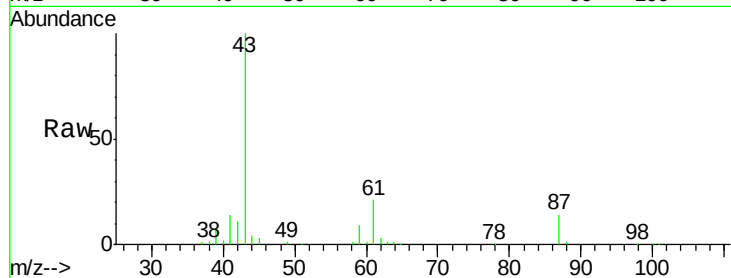
Tot Ion: 43 Resp: 184208

Ion Ratio Lower Upper

43 100

61 28.3 15.8 23.6#

87 13.9 9.9 14.9



#44

Trichloroethene

Concen: 42.473 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062847.D

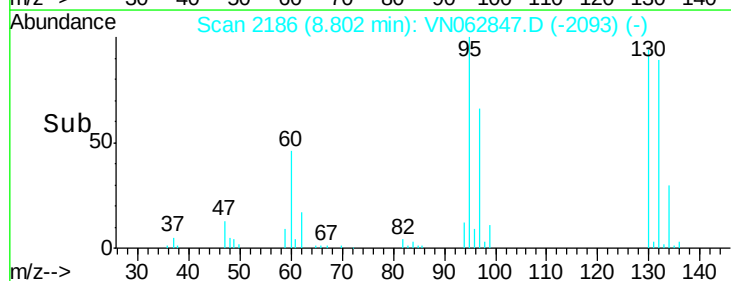
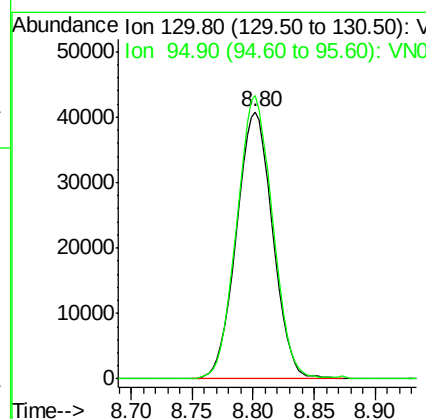
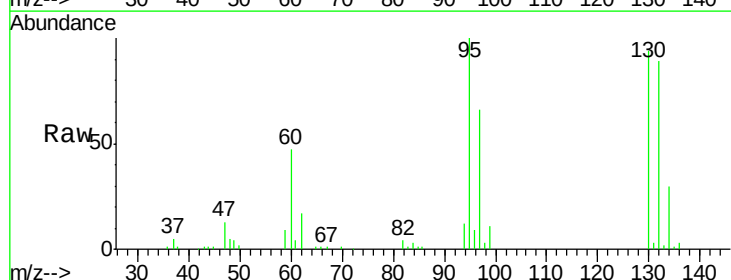
Acq: 11 Aug 2020 22:22

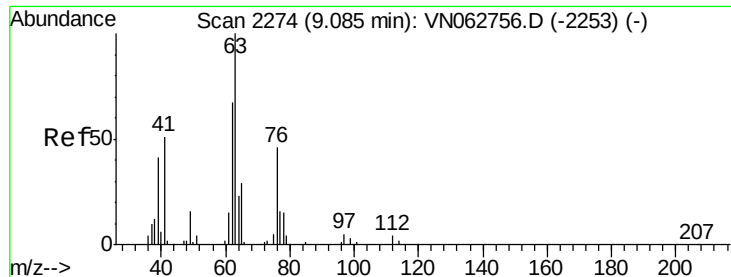
Tgt Ion:130 Resp: 84007

Ion Ratio Lower Upper

130 100

95 105.9 0.0 207.6

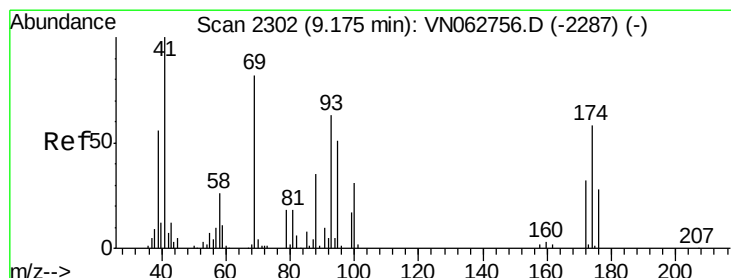
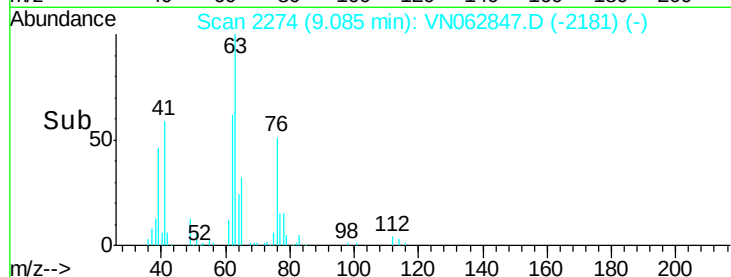
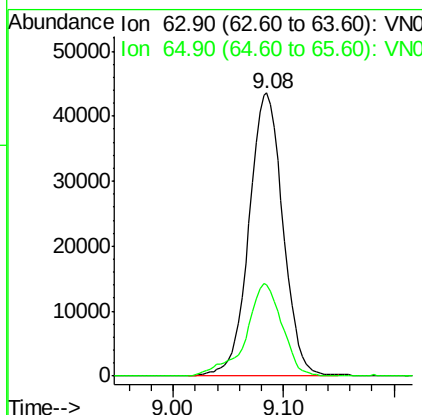
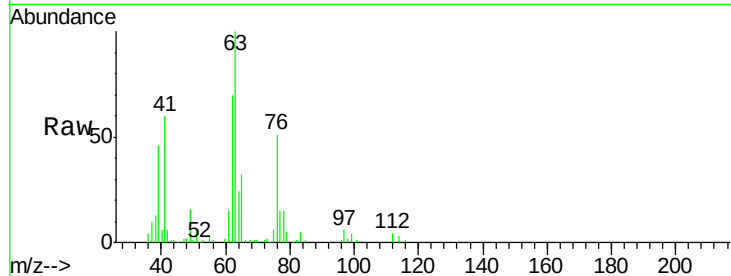




#45
 1,2-Dichloropropane
 Concen: 42.194 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

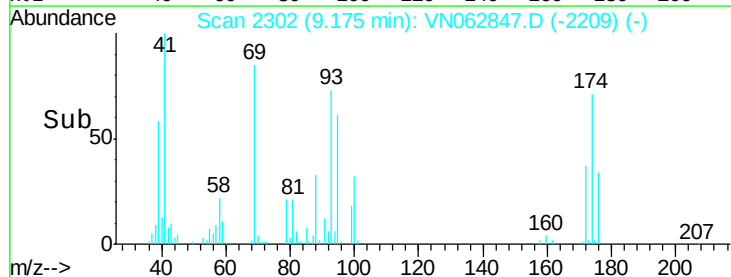
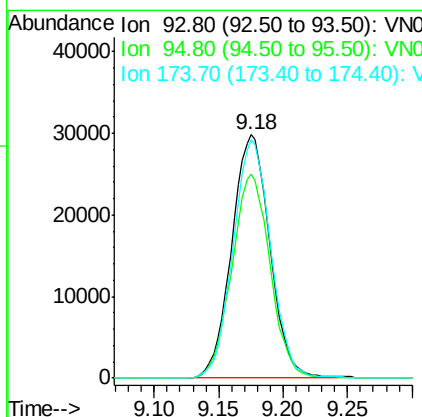
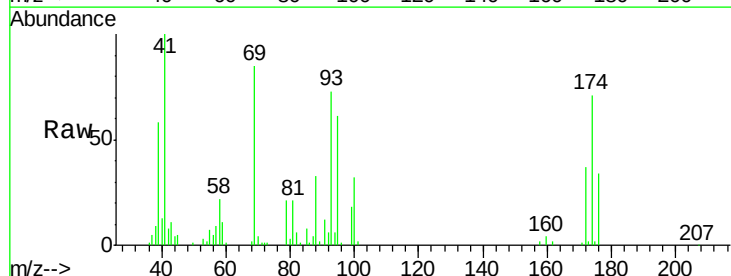
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

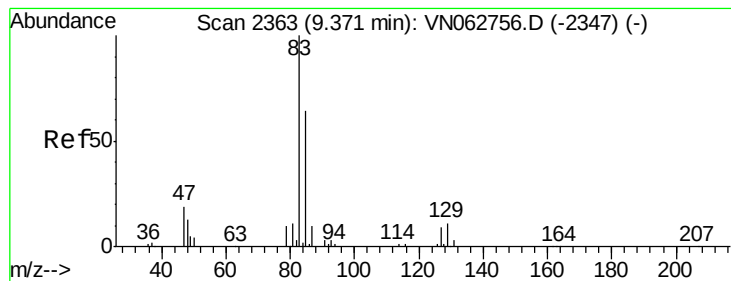
Tot Ion: 63 Resp: 92709
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.5 35.3



#46
 Dibromomethane
 Concen: 42.614 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 93 Resp: 61350
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.1 97.7
 174 96.4 73.9 110.9





#47

Bromodichloromethane

Concen: 43.797 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

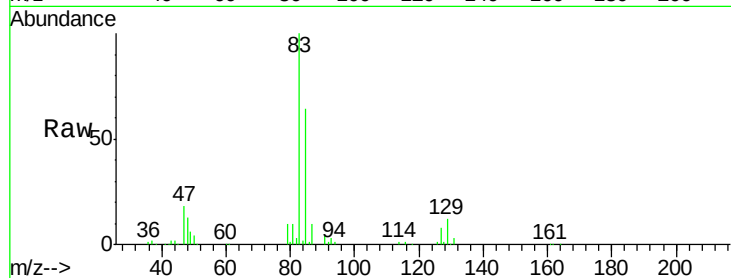
Tot Ion: 83 Resp: 141613

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0

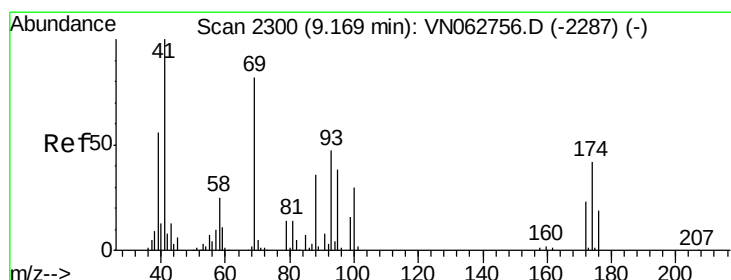
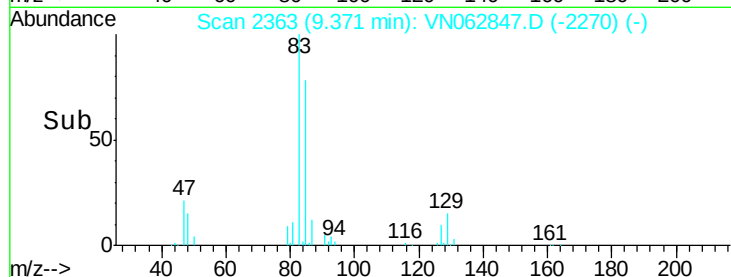
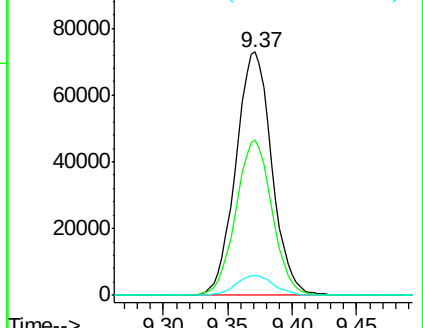
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062847.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062847.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062847.D (-2270) (-)



#48

Methyl methacrylate

Concen: 39.837 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

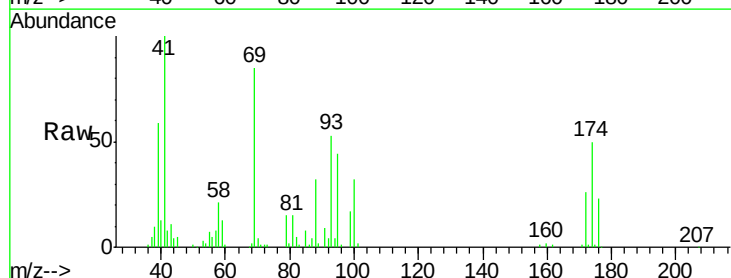
Tgt Ion: 41 Resp: 92883

Ion Ratio Lower Upper

41 100

69 88.5 67.4 101.2

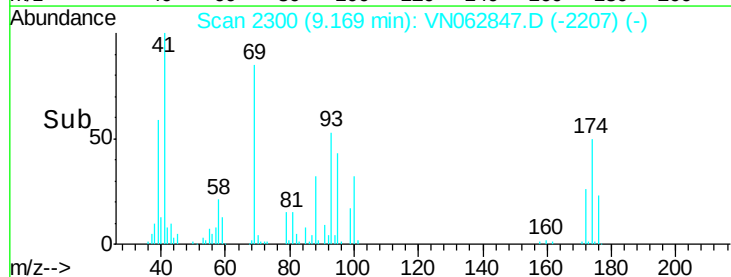
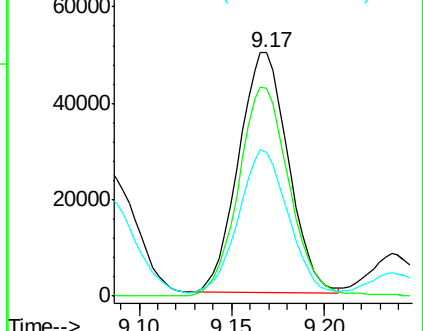
39 61.2 47.6 71.4

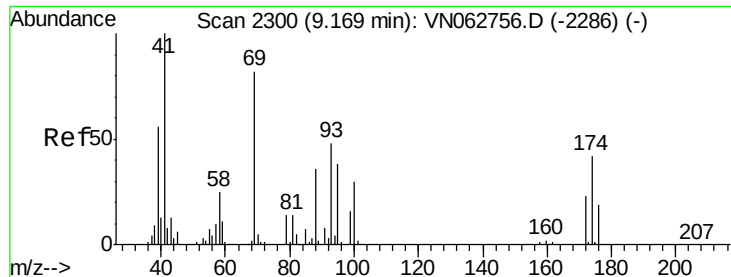


Abundance Ion 41.00 (40.70 to 41.70): VN062847.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062847.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062847.D (-2207) (-)

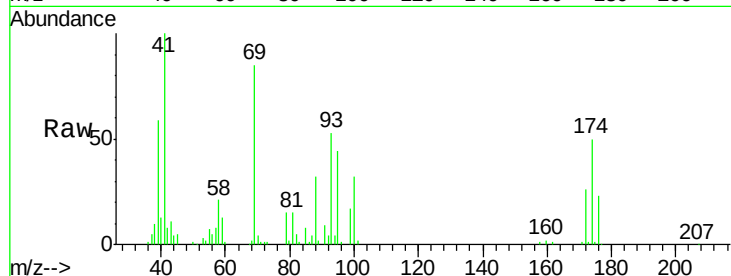




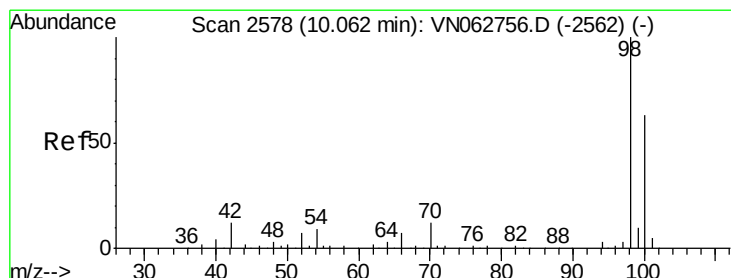
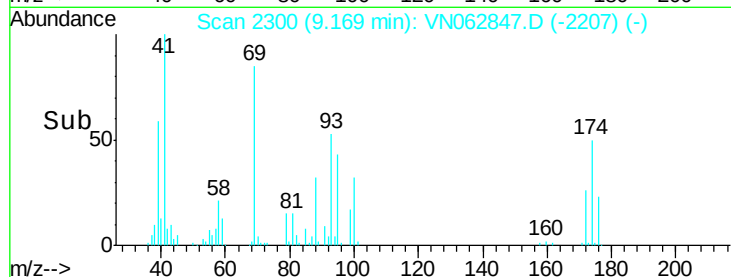
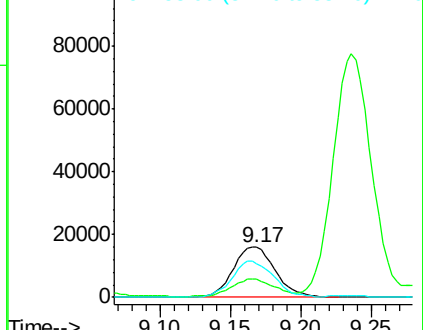
#49
1,4-Dioxane
Concen: 777.109 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 33573
Ion Ratio Lower Upper
88 100
43 34.4 29.5 44.3
58 71.6 59.8 89.8

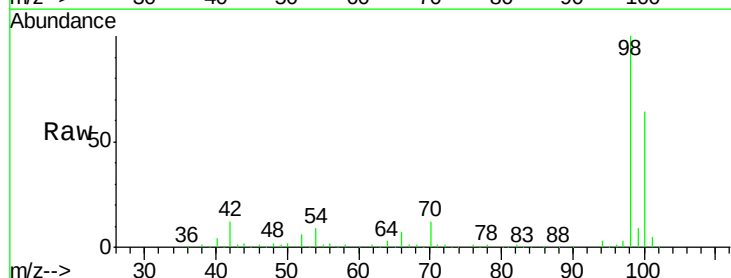


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

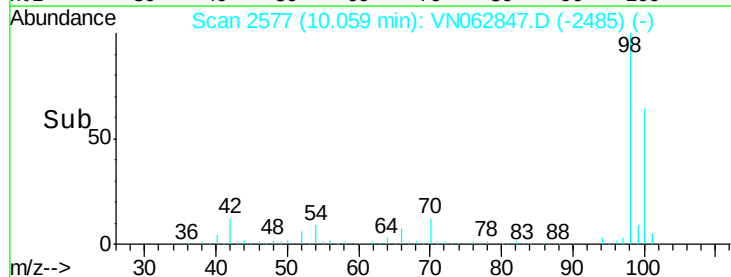
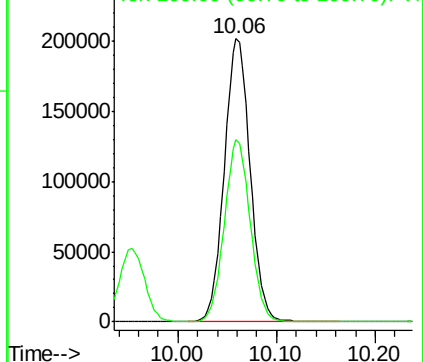


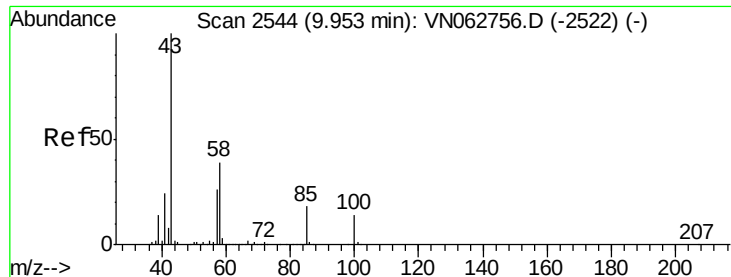
#50
Toluene-d8
Concen: 49.629 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 98 Resp: 370320
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



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

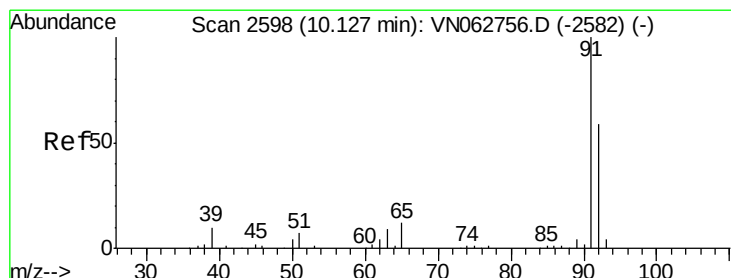
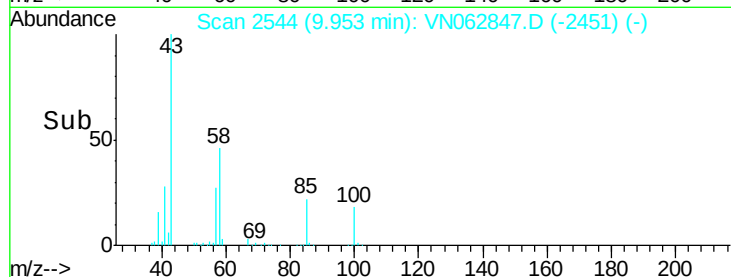
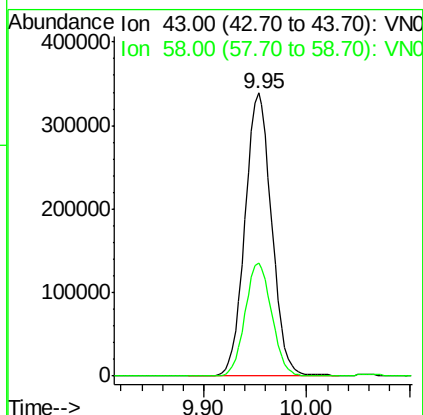
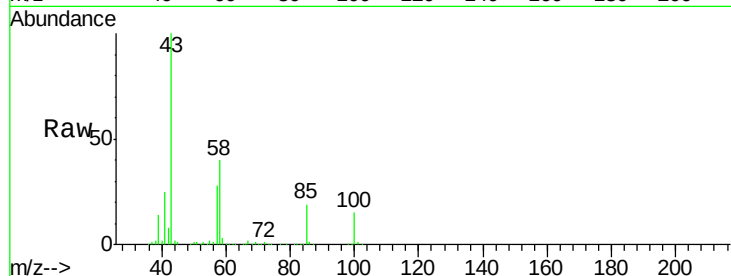




#51
 4-Methyl-2-Pentanone
 Concen: 197.473 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

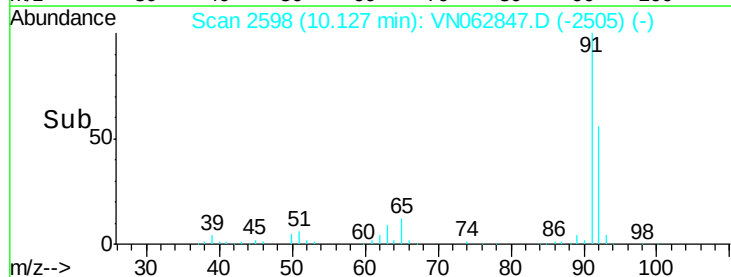
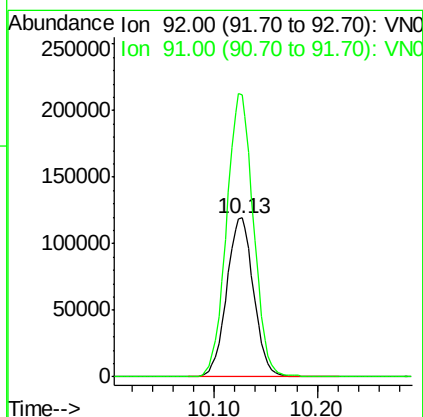
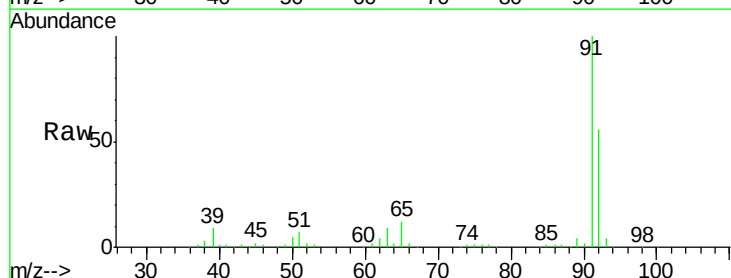
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

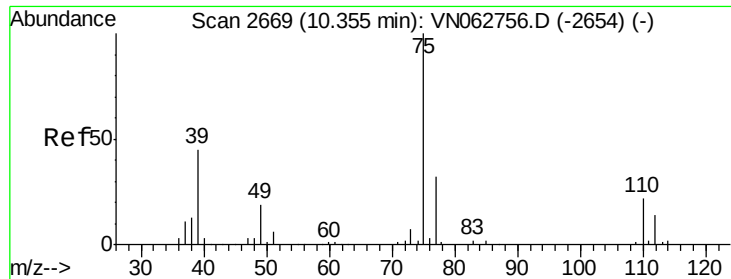
Tot Ion: 43 Resp: 605652
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.1 46.7



#52
 Toluene
 Concen: 43.410 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 92 Resp: 217592
 Ion Ratio Lower Upper
 92 100
 91 177.8 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 41.988 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

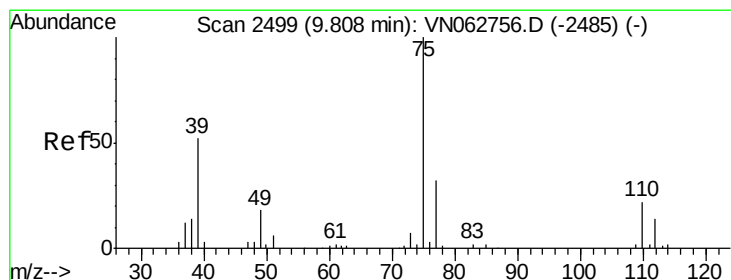
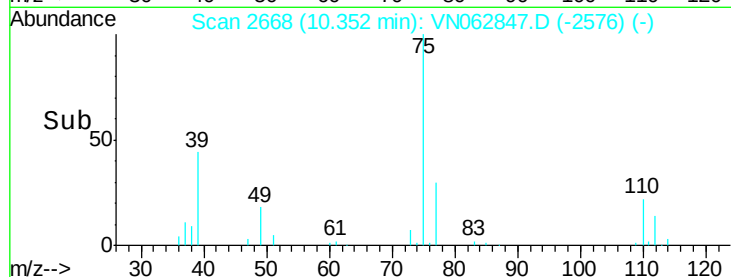
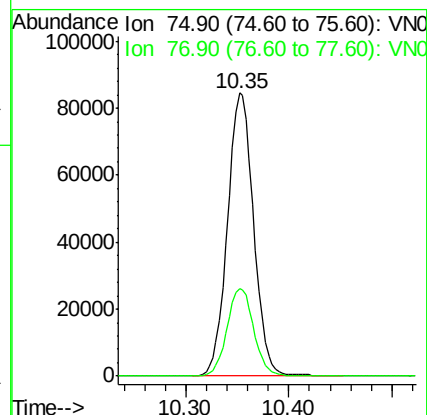
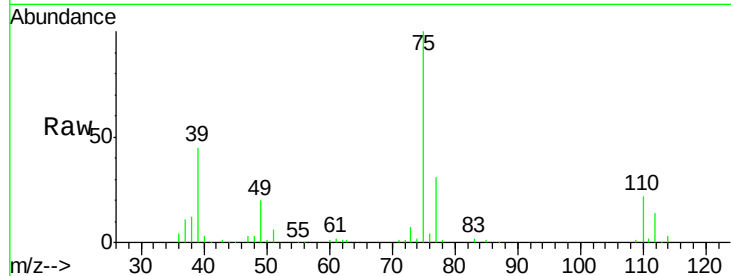
VSTDCCC050EC

Tot Ion: 75 Resp: 149335

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 42.003 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

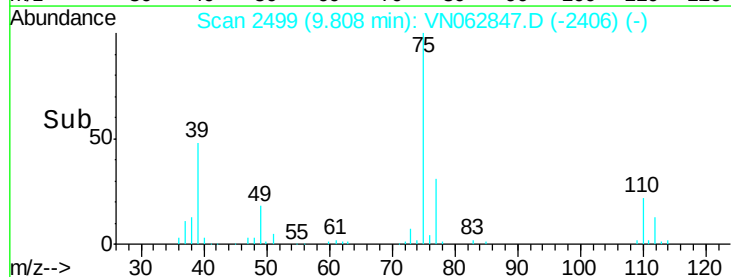
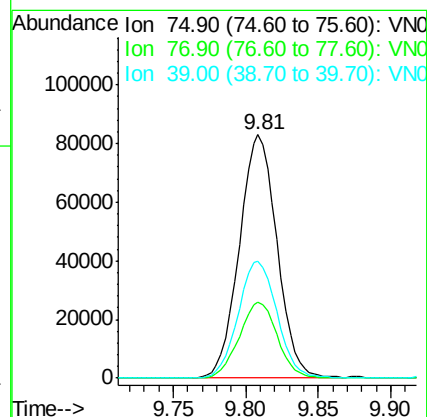
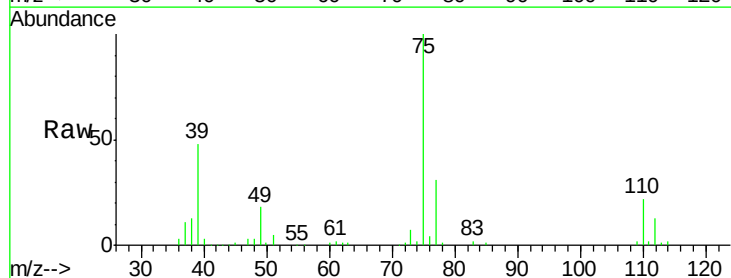
Tgt Ion: 75 Resp: 149991

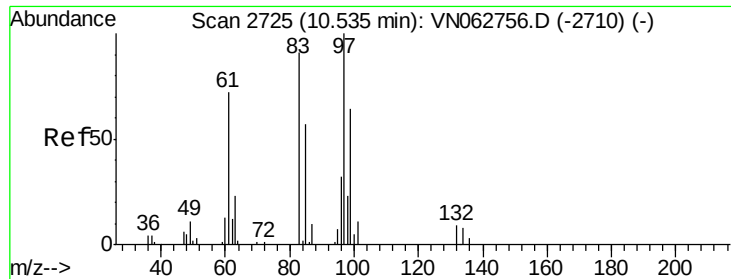
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 48.2 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 42.779 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 91581

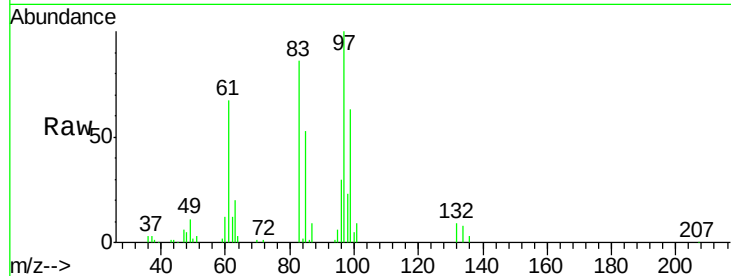
Ion Ratio Lower Upper

97 100

83 86.1 72.6 108.8

85 53.0 46.0 69.0

99 63.2 51.1 76.7

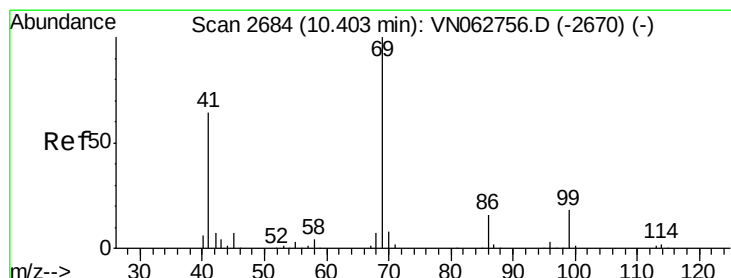
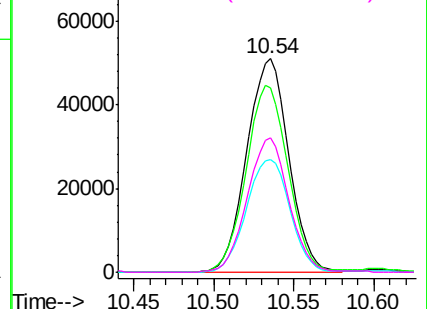
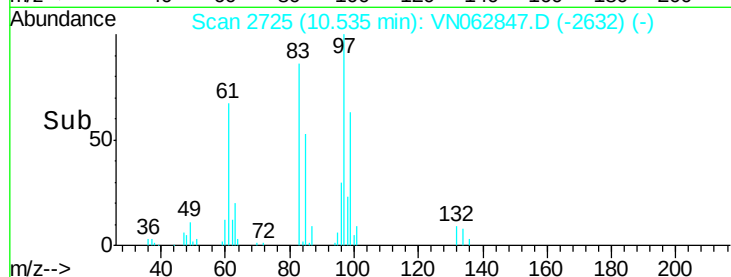


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 44.877 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

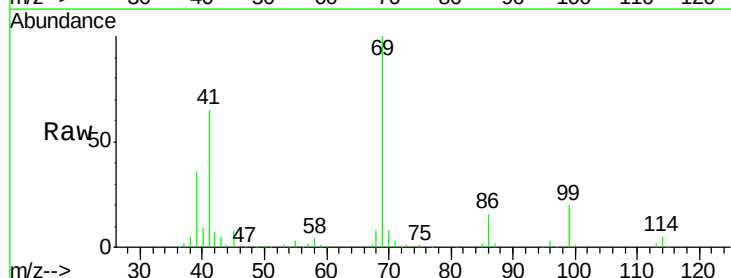
Tgt Ion: 69 Resp: 144606

Ion Ratio Lower Upper

69 100

41 63.8 52.2 78.2

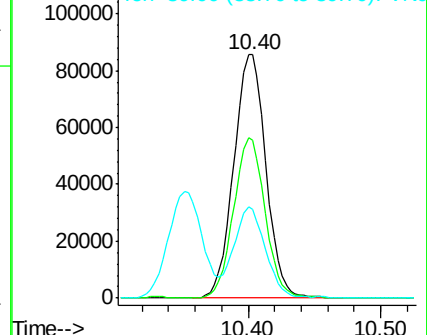
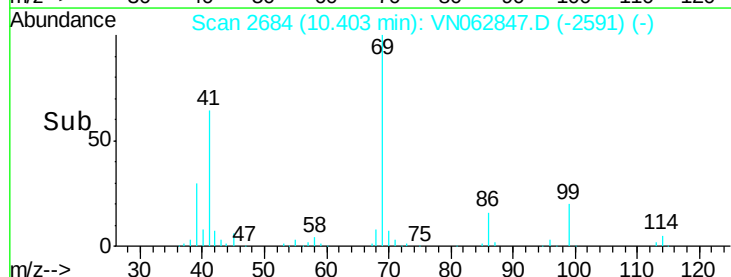
39 36.1 30.9 46.3

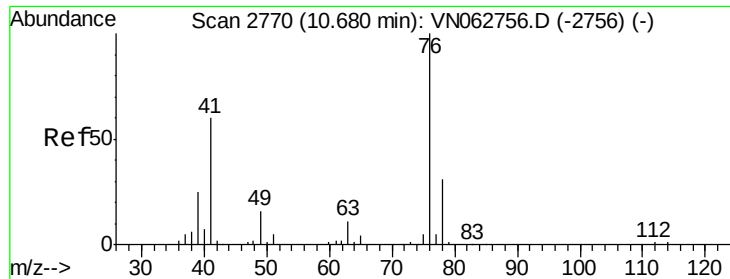


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

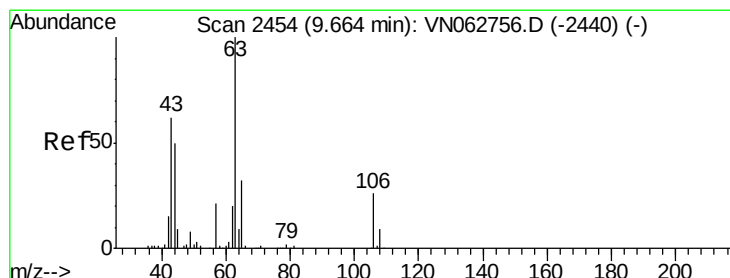
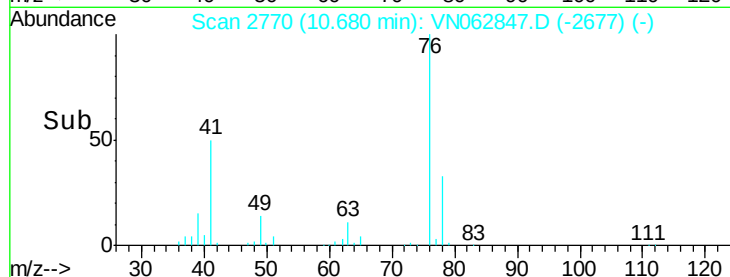
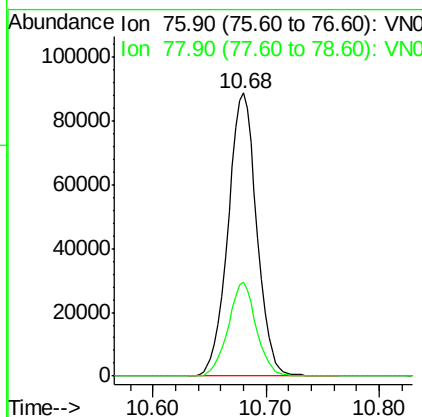
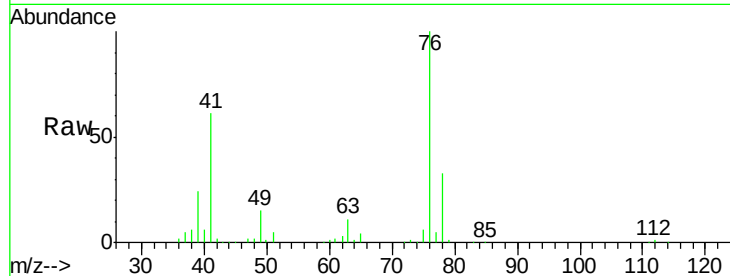




#57
 1,3-Dichloropropane
 Concen: 42.906 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

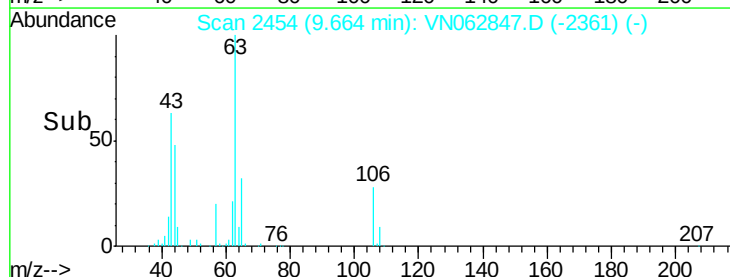
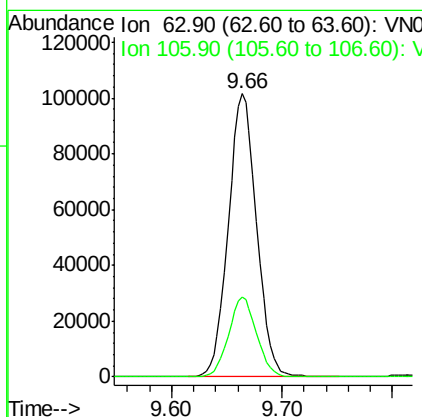
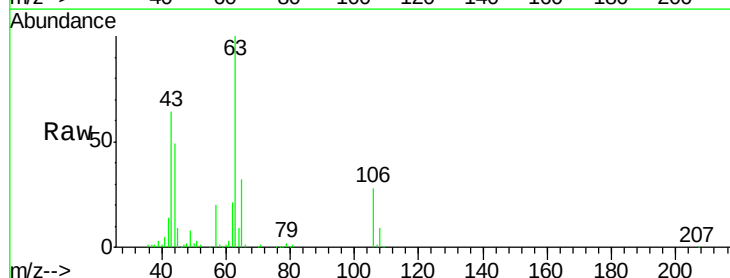
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

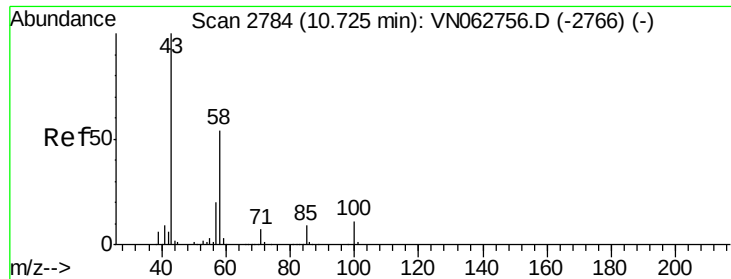
Tot Ion: 76 Resp: 156070
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 197.889 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 63 Resp: 180242
 Ion Ratio Lower Upper
 63 100
 106 27.8 20.9 31.3

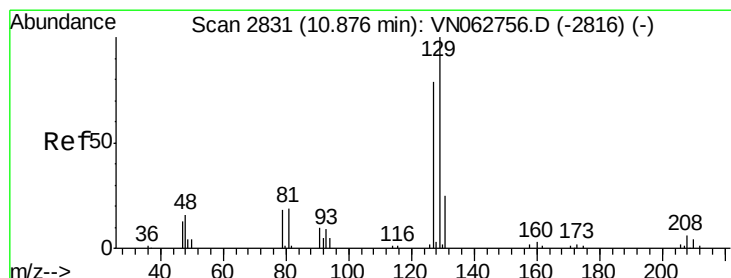
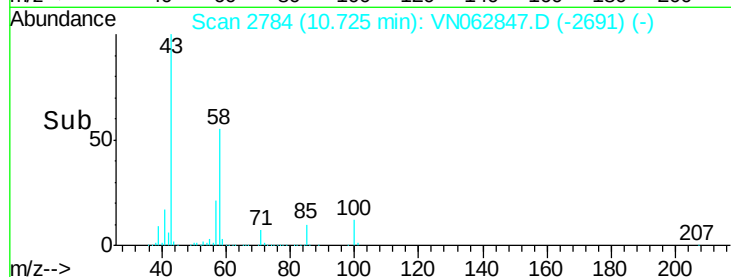
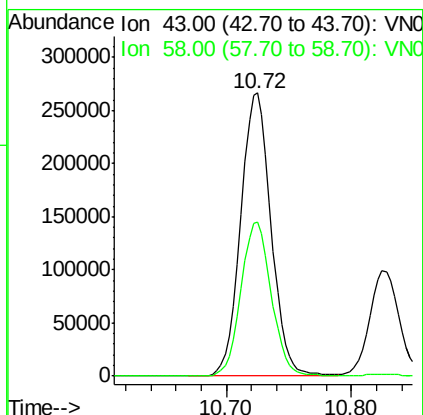
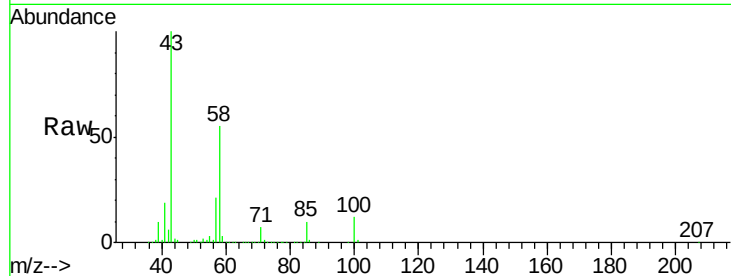




#59
2-Hexanone
Concen: 195.839 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

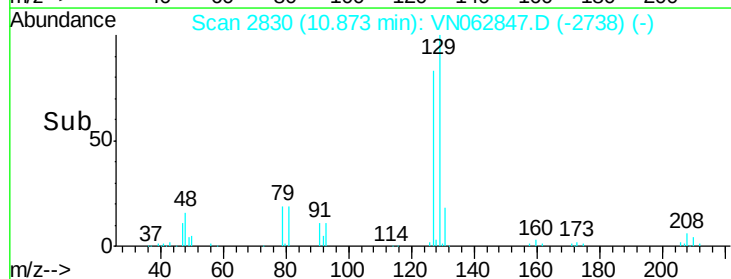
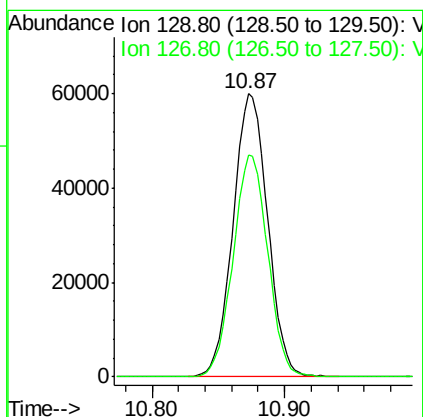
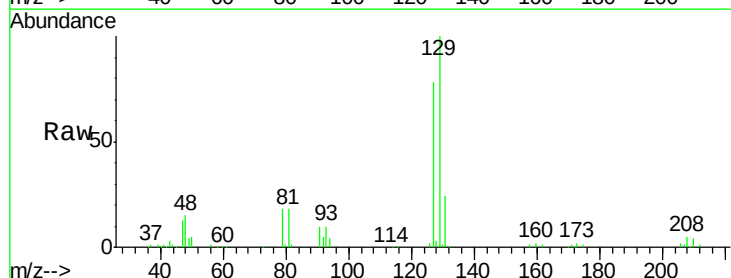
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

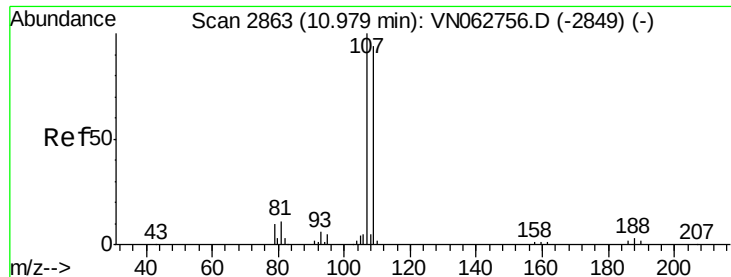
Tot Ion: 43 Resp: 448043
Ion Ratio Lower Upper
43 100
58 54.6 26.7 80.1



#60
Dibromochloromethane
Concen: 44.499 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 129 Resp: 108711
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 44.560 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

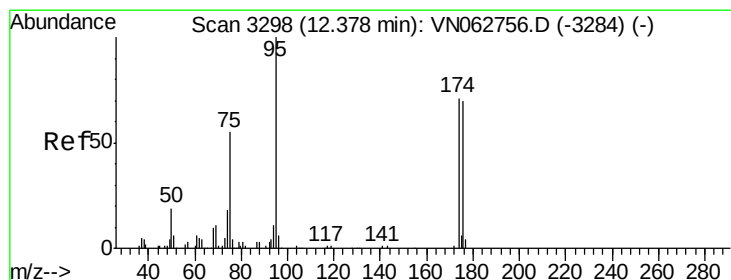
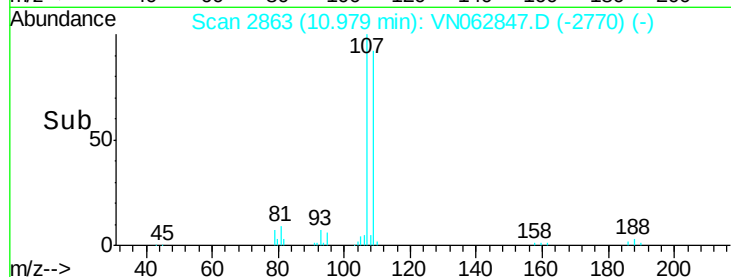
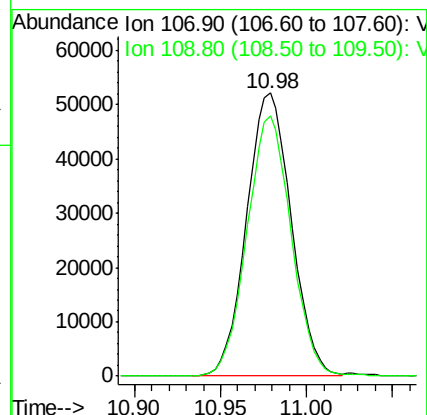
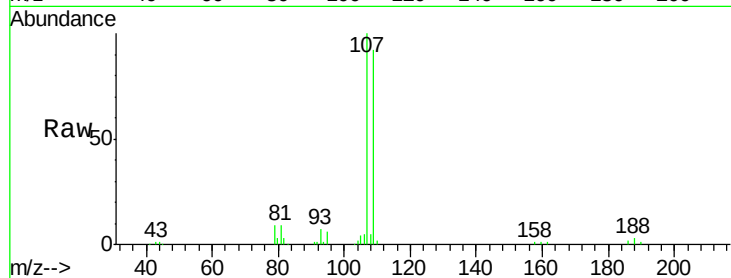
VSTDCCC050EC

Tot Ion:107 Resp: 94130

Ion Ratio Lower Upper

107 100

109 91.1 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 50.423 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

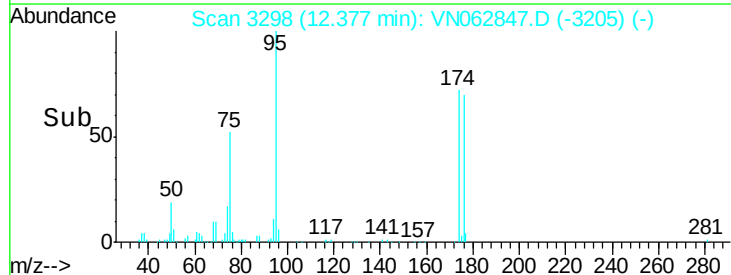
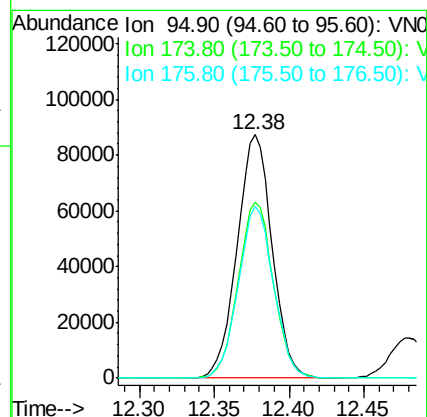
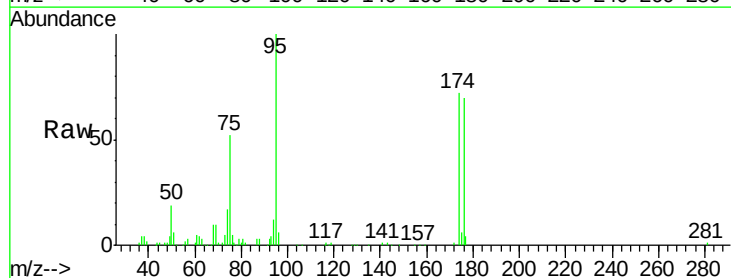
Tgt Ion: 95 Resp: 142183

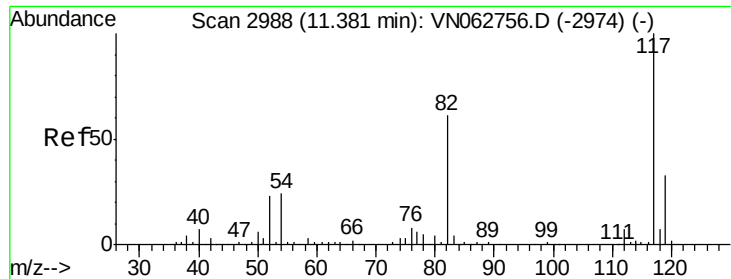
Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.8

176 71.0 0.0 142.2

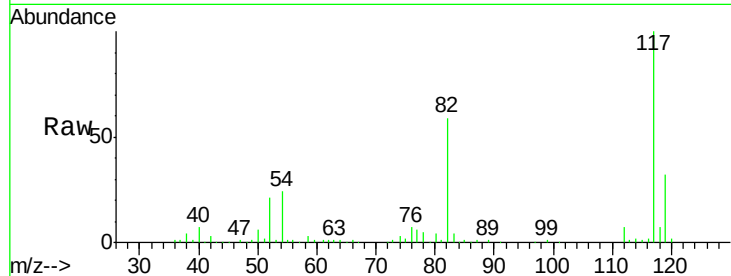




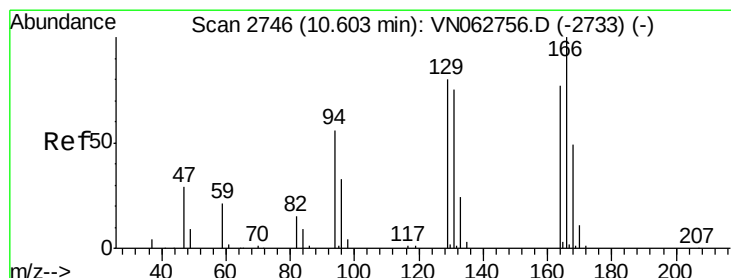
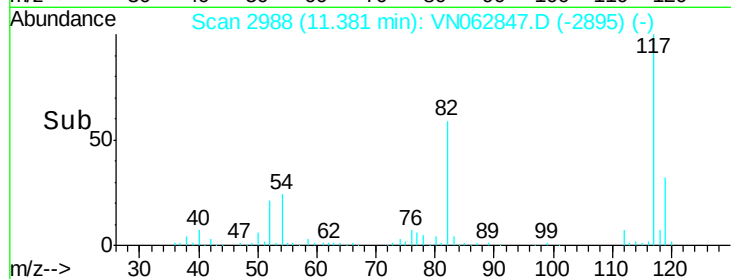
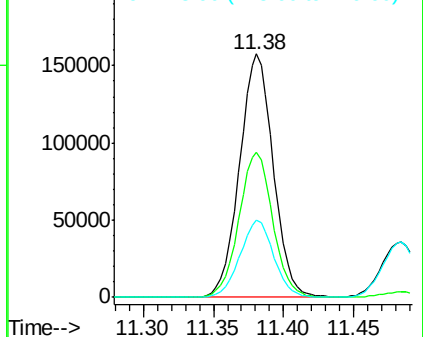
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 264406
Ion Ratio Lower Upper
117 100
82 59.5 49.0 73.4
119 31.9 26.2 39.2

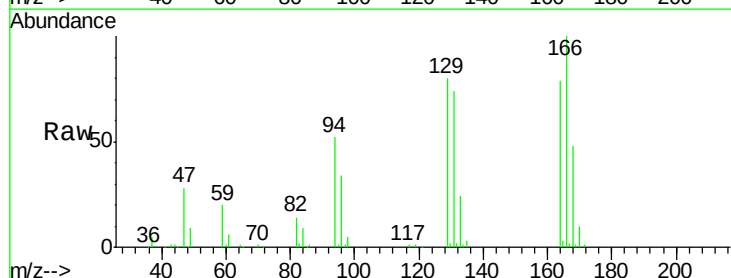


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

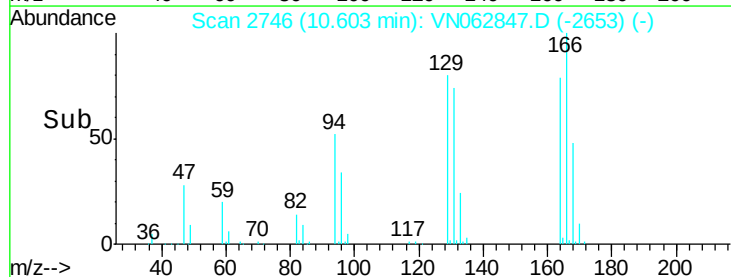
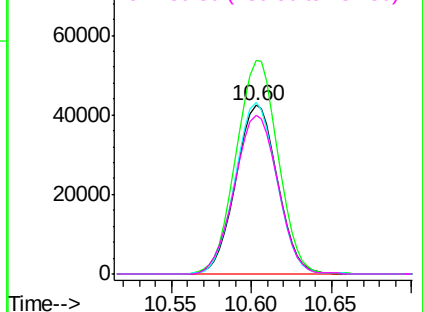


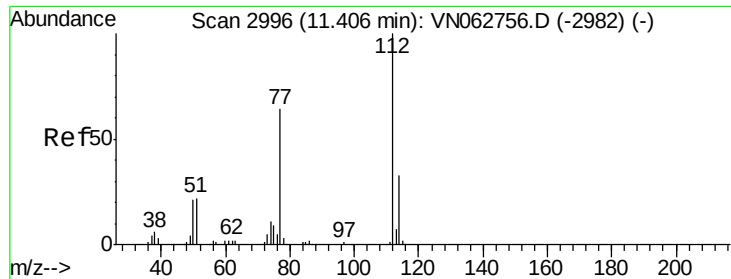
#64
Tetrachloroethene
Concen: 44.258 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion:164 Resp: 75504
Ion Ratio Lower Upper
164 100
166 126.7 103.8 155.8
129 102.0 82.7 124.1
131 94.1 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

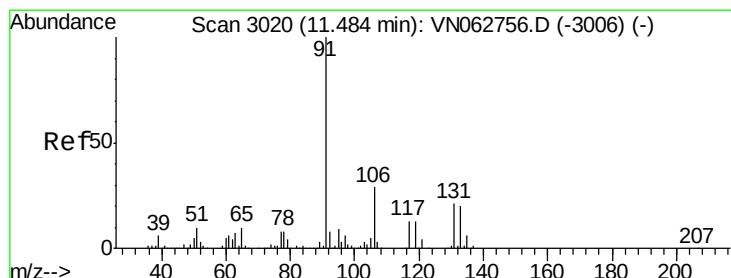
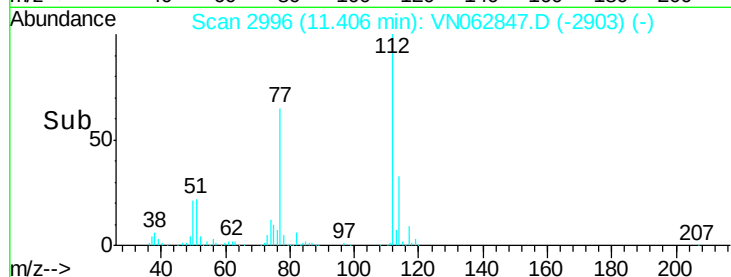
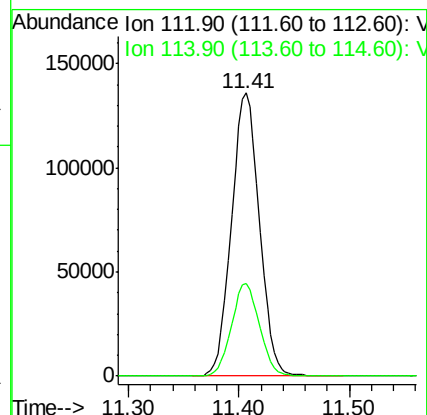
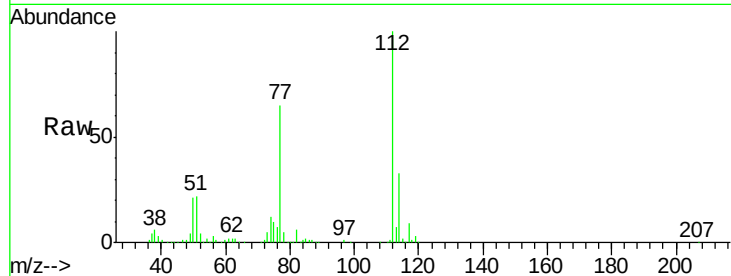




#65
Chlorobenzene
Concen: 43.161 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

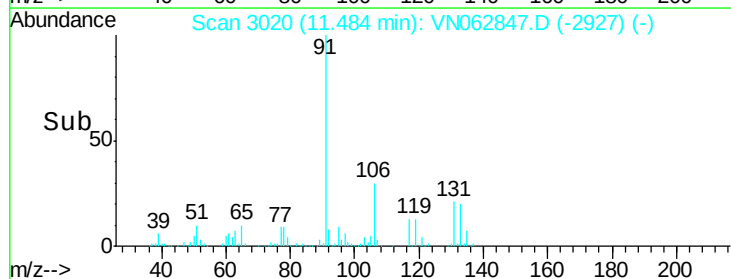
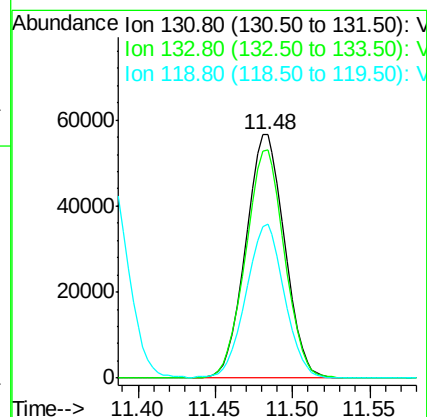
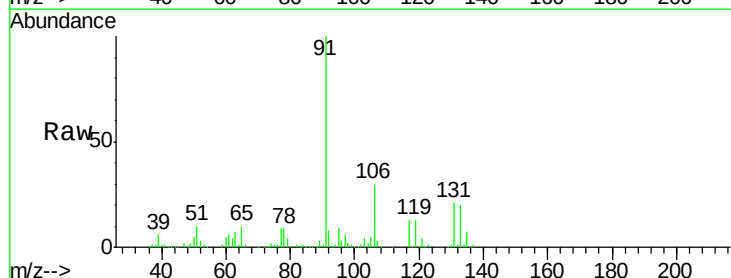
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

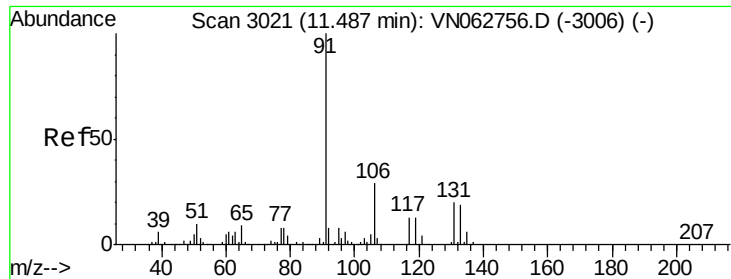
Tot Ion:112 Resp: 238554
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 44.658 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion:131 Resp: 99120
Ion Ratio Lower Upper
131 100
133 93.8 48.6 145.8
119 61.8 32.2 96.6

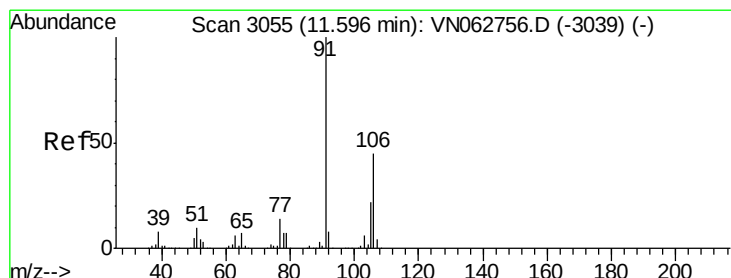
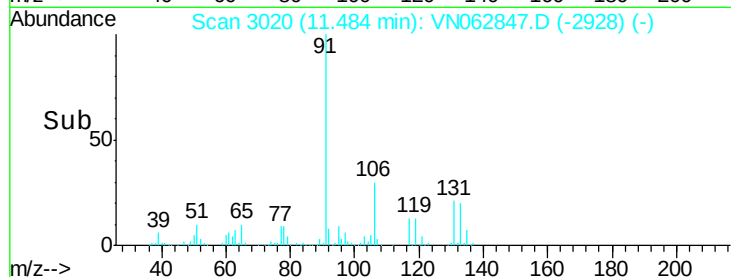
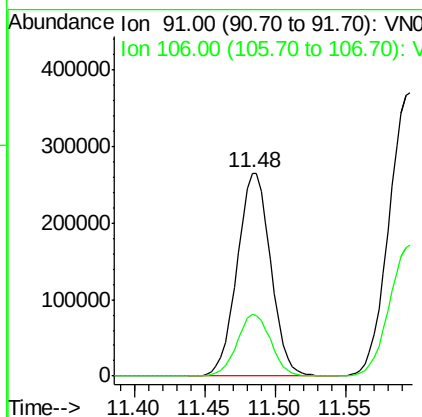
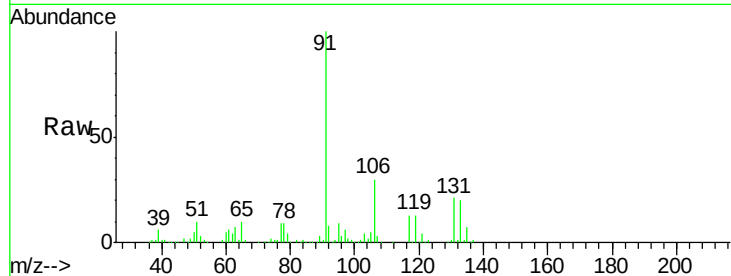




#67
Ethyl Benzene
Concen: 44.775 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

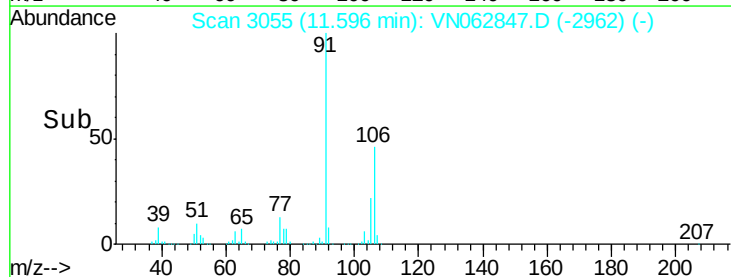
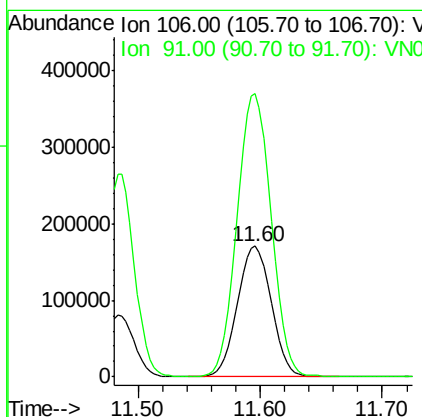
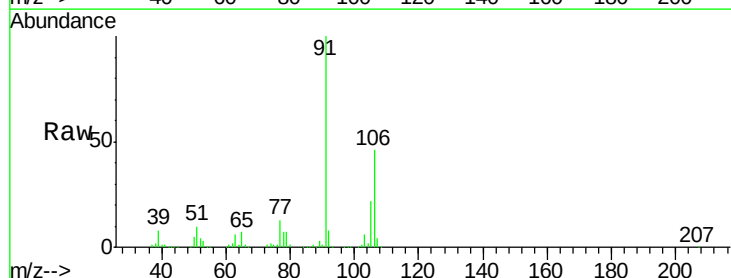
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

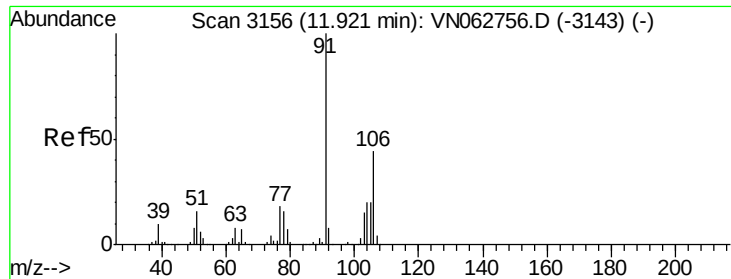
Tot Ion: 91 Resp: 442851
Ion Ratio Lower Upper
91 100
106 30.4 23.2 34.8



#68
m/p-Xylenes
Concen: 91.068 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 106 Resp: 326964
Ion Ratio Lower Upper
106 100
91 218.1 175.9 263.9

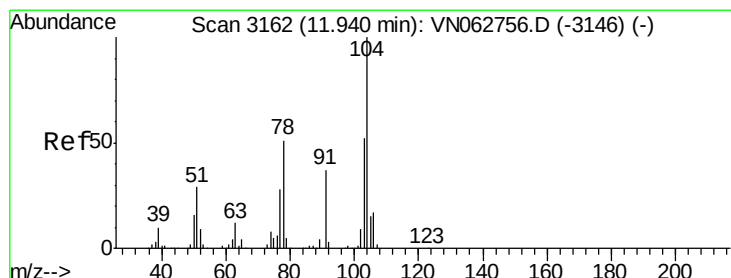
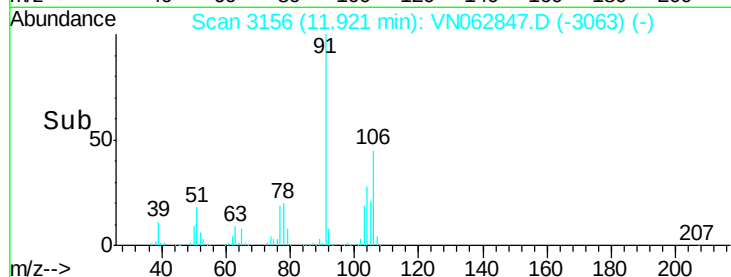
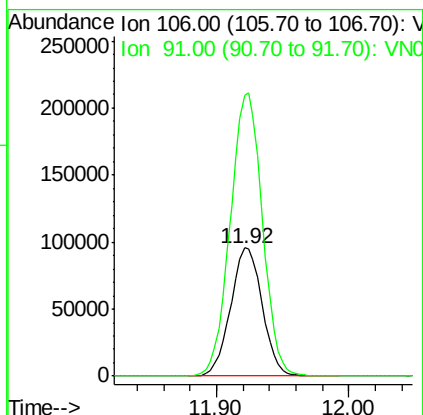
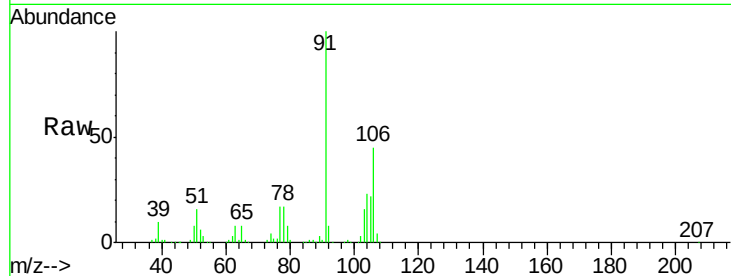




#69
o-Xylene
Concen: 47.193 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

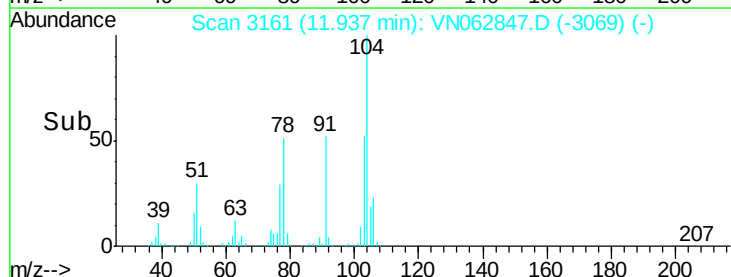
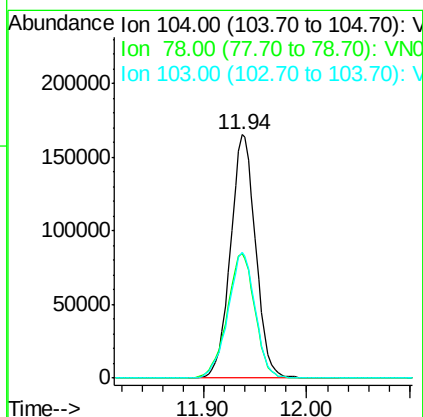
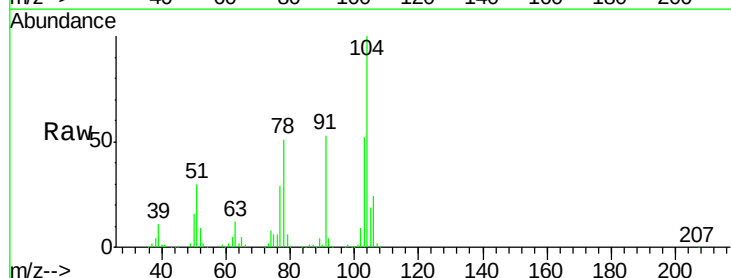
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

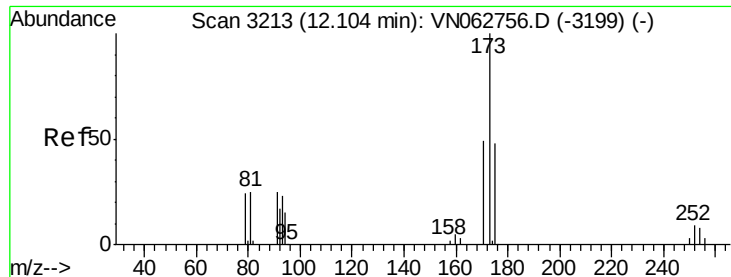
Tot Ion:106 Resp: 158786
Ion Ratio Lower Upper
106 100
91 224.0 115.8 347.4



#70
Styrene
Concen: 47.516 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion:104 Resp: 281015
Ion Ratio Lower Upper
104 100
78 56.1 45.9 68.9
103 55.7 45.1 67.7





#71

Bromoform

Concen: 42.628 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

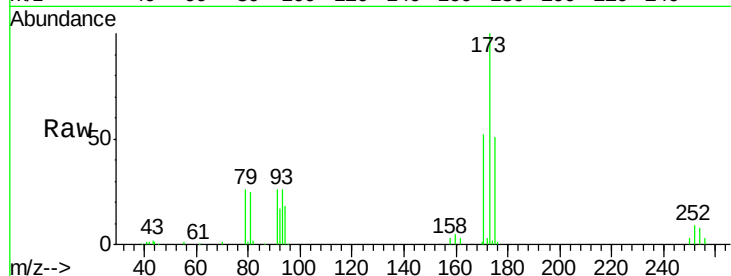
Tot Ion:173 Resp: 77413

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

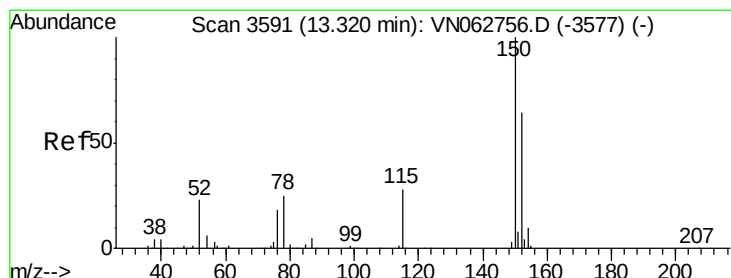
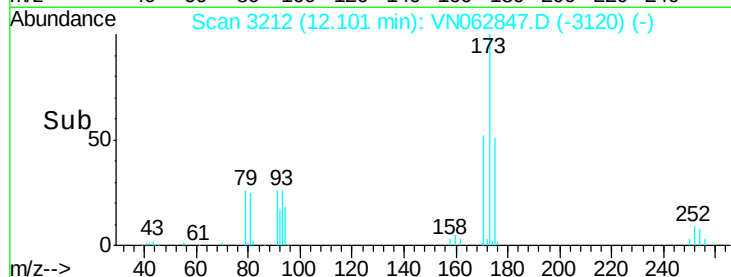
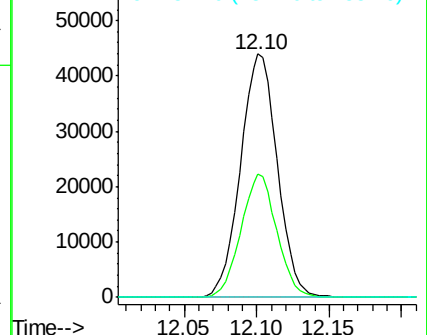
254 0.0 0.0 0.0



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: VN062847.D

Acq: 11 Aug 2020 22:22

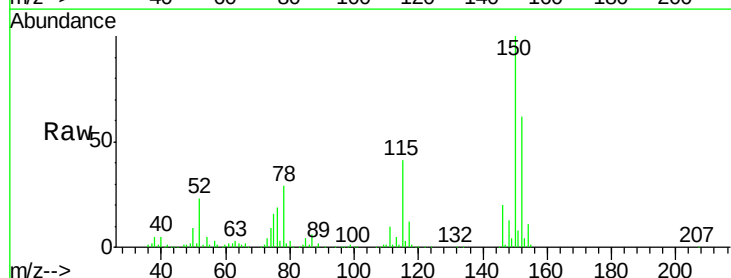
Tgt Ion:152 Resp: 128982

Ion Ratio Lower Upper

152 100

115 64.0 31.6 94.8

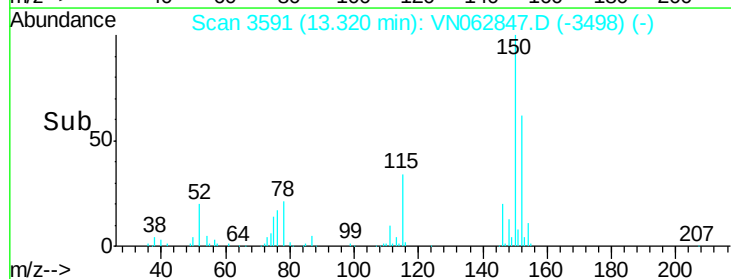
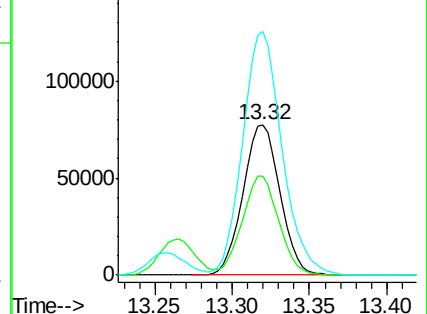
150 171.7 0.0 349.2

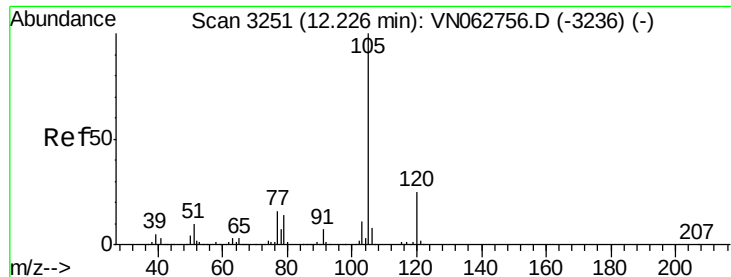


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

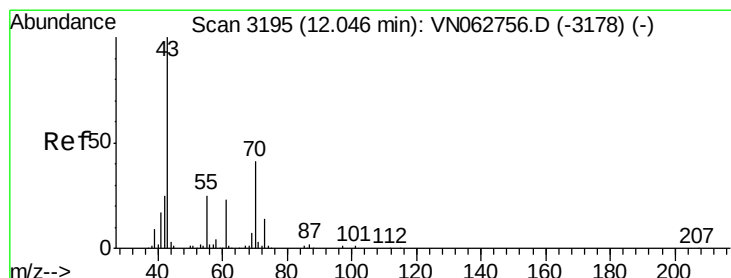
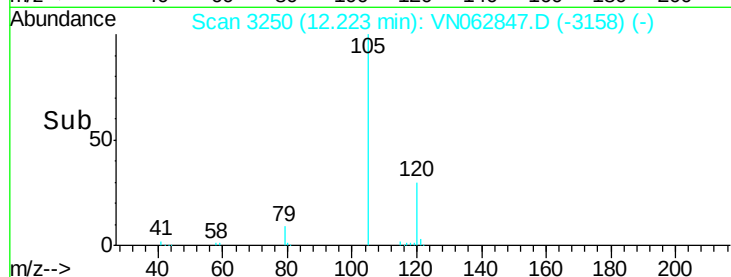
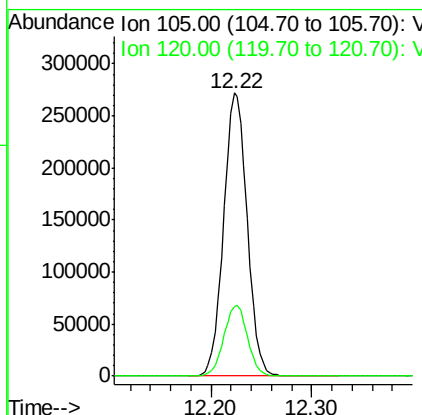
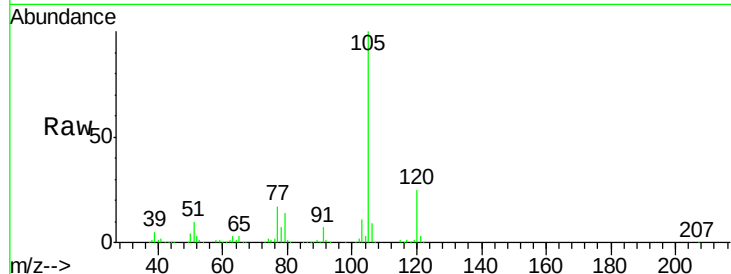




#73
Isopropylbenzene
Concen: 45.686 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

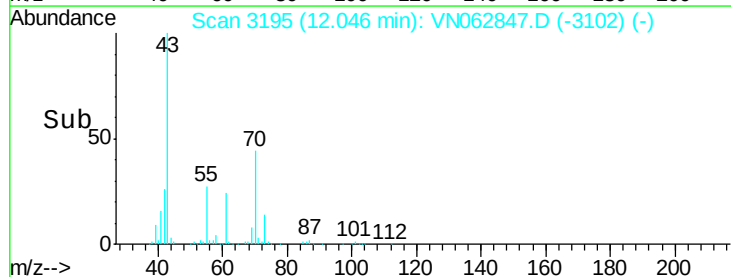
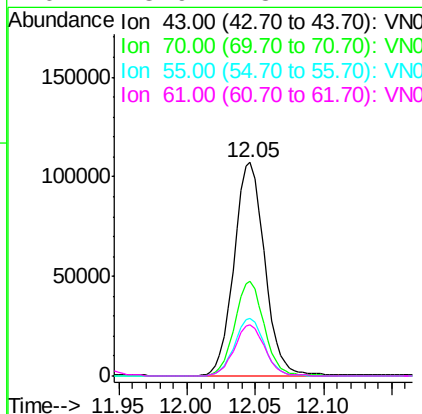
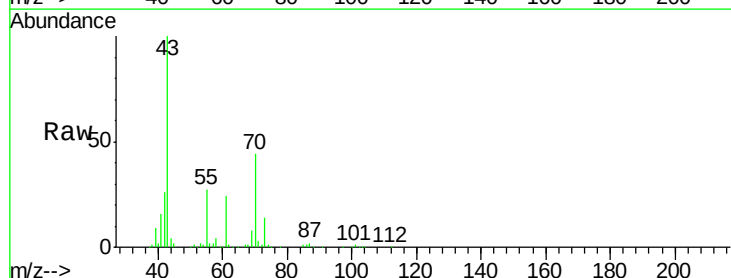
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

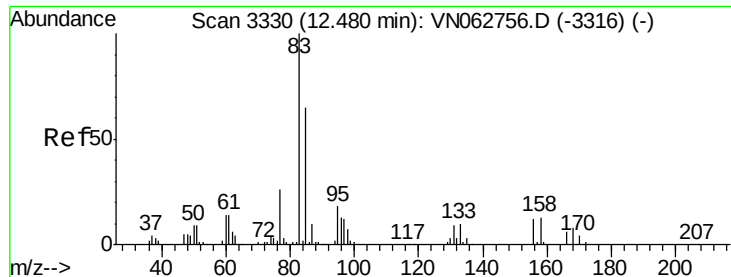
Tot Ion:105 Resp: 443713
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8



#74
N-ethyl acetate
Concen: 42.532 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 43 Resp: 167399
Ion Ratio Lower Upper
43 100
70 42.9 32.3 48.5
55 26.5 20.2 30.2
61 23.9 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 41.031 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

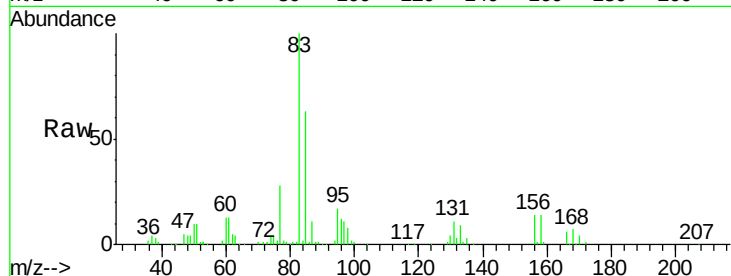
Tot Ion: 83 Resp: 140283

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

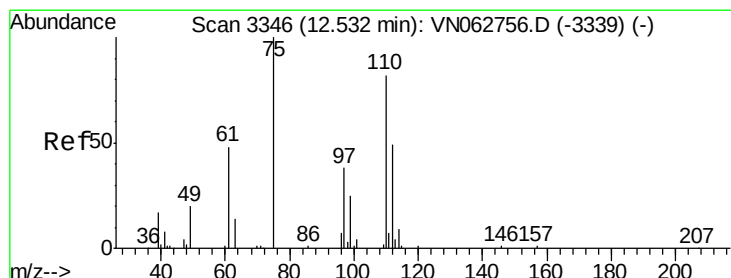
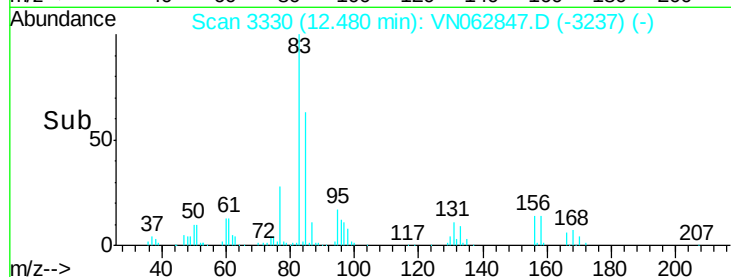
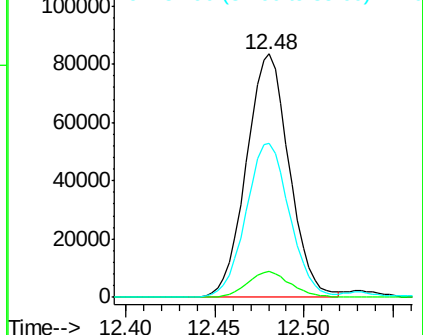
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.067 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062847.D

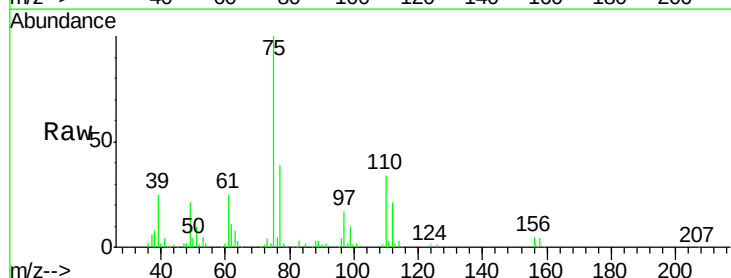
Acq: 11 Aug 2020 22:22

Tgt Ion: 75 Resp: 128939

Ion Ratio Lower Upper

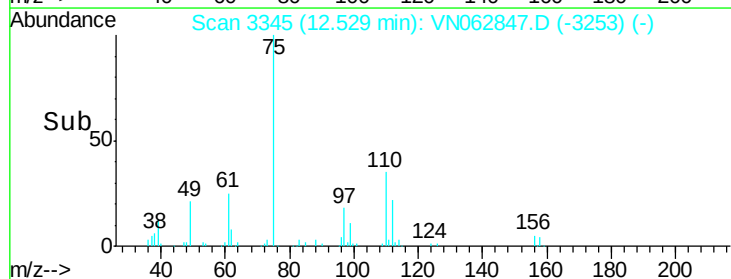
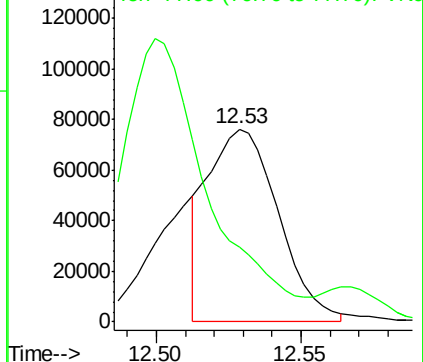
75 100

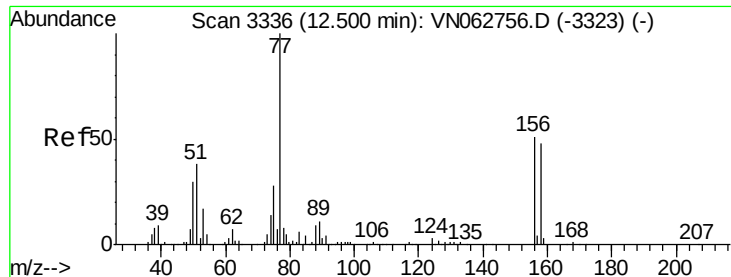
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 43.832 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

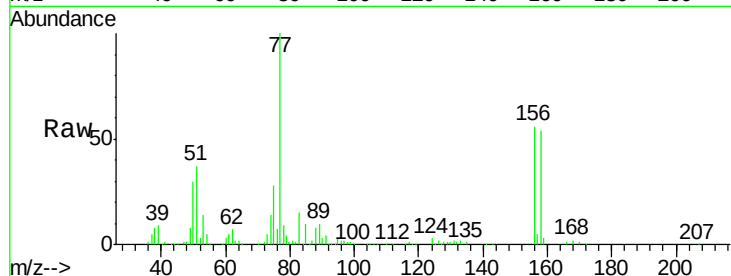
Tot Ion:156 Resp: 105775

Ion Ratio Lower Upper

156 100

77 221.9 119.7 359.1

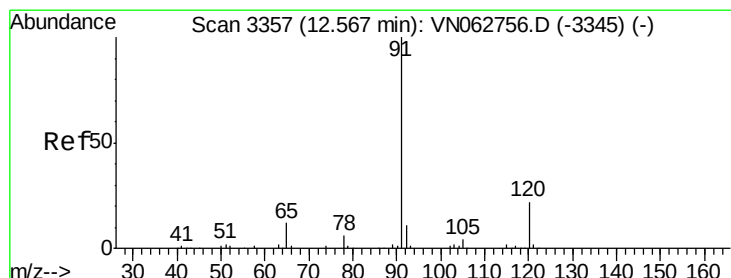
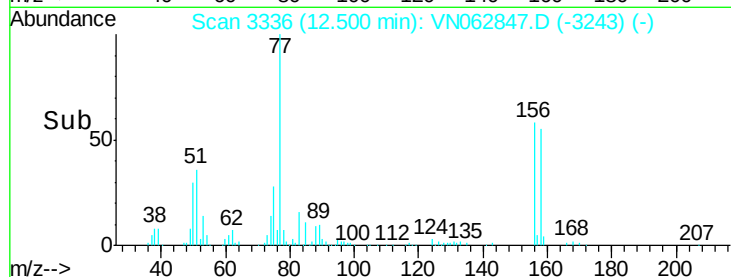
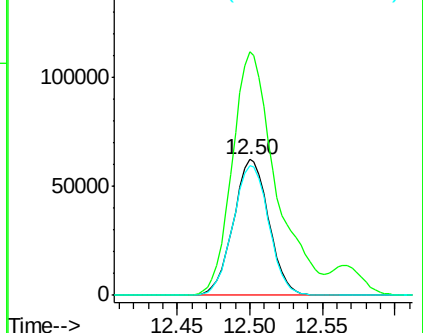
158 97.1 48.1 144.3



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: 44.501 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062847.D

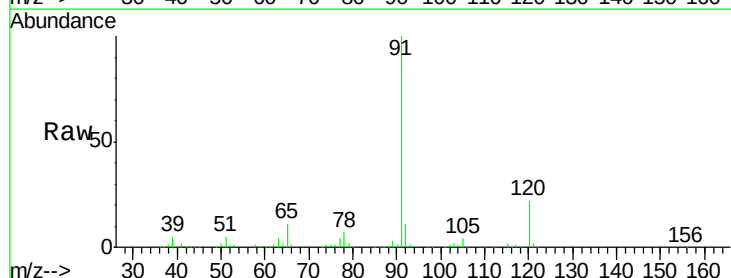
Acq: 11 Aug 2020 22:22

Tgt Ion: 91 Resp: 507350

Ion Ratio Lower Upper

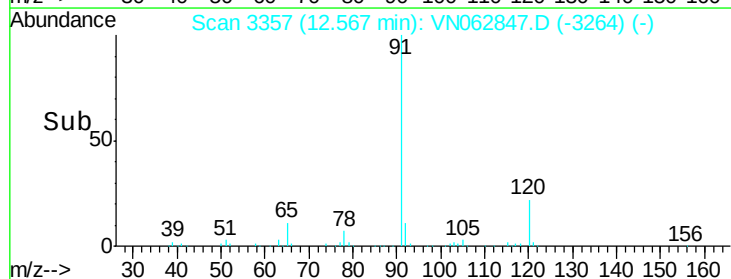
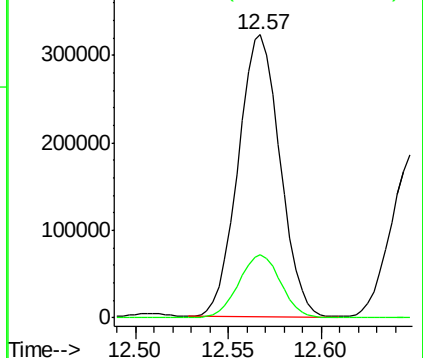
91 100

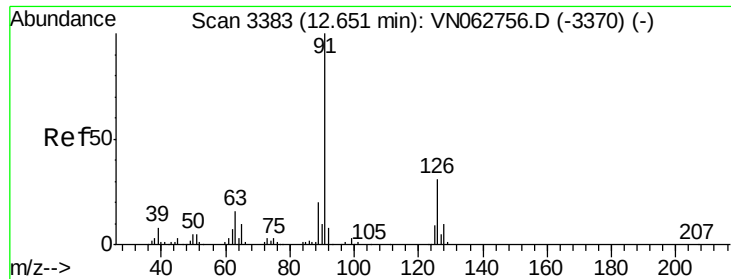
120 22.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

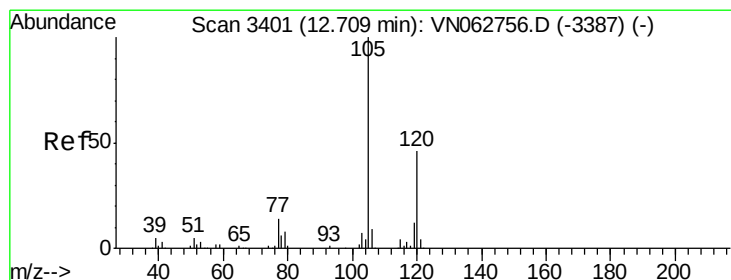
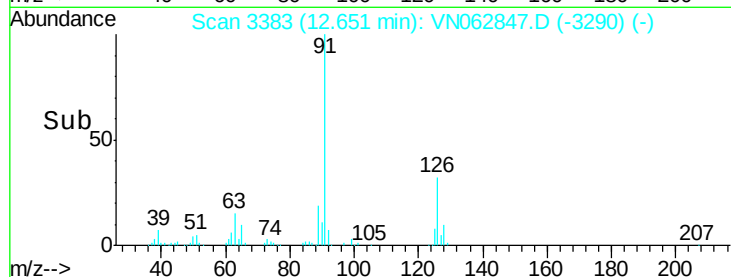
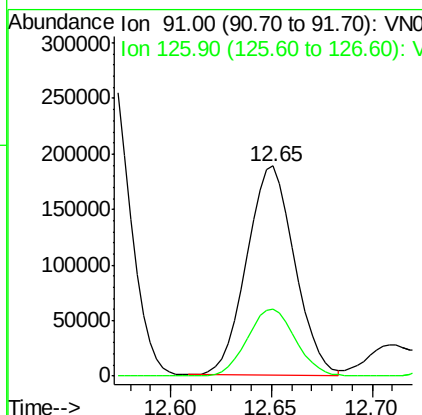
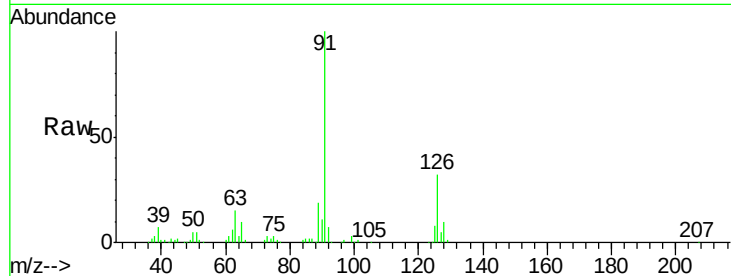




#79
 2-Chlorotoluene
 Concen: 43.692 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

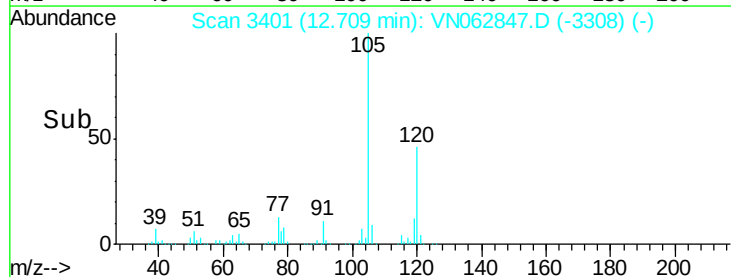
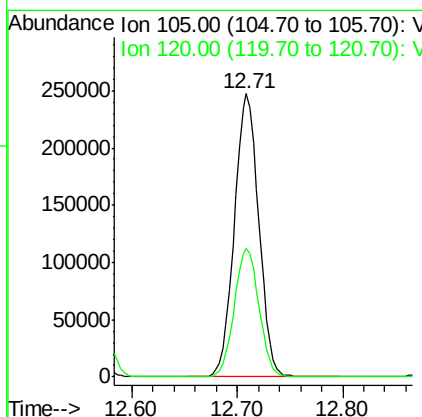
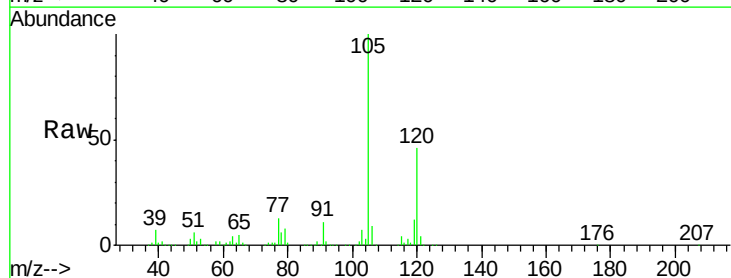
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

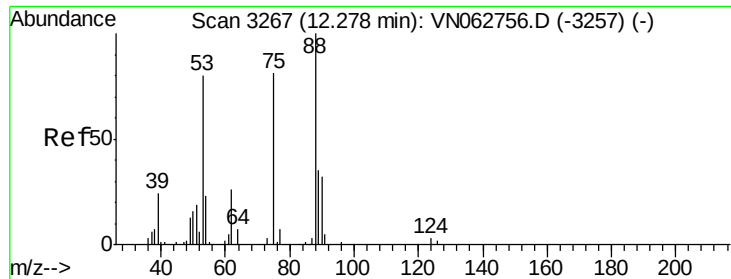
Tot Ion: 91 Resp: 312367
 Ion Ratio Lower Upper
 91 100
 126 32.7 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 46.794 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion: 105 Resp: 394284
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 39.533 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

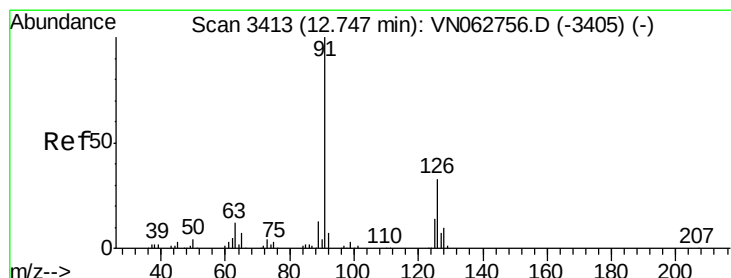
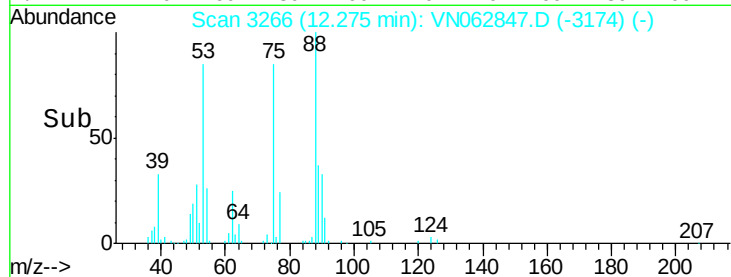
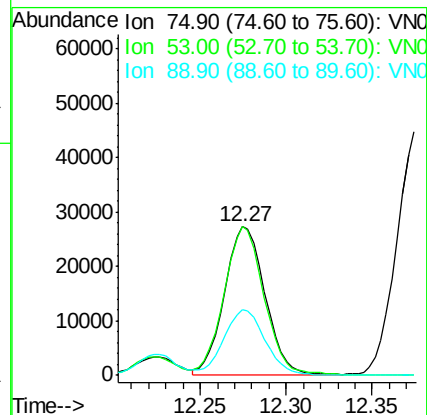
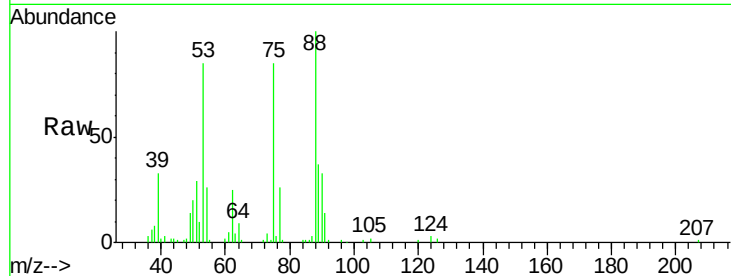
Tot Ion: 75 Resp: 45047

Ion Ratio Lower Upper

75 100

53 99.1 79.1 118.7

89 44.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 44.460 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062847.D

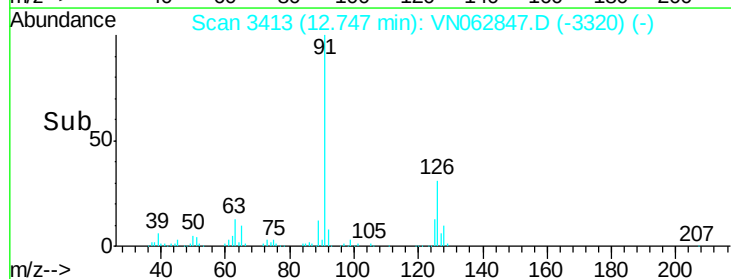
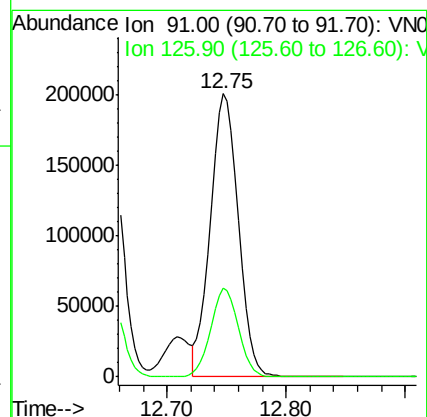
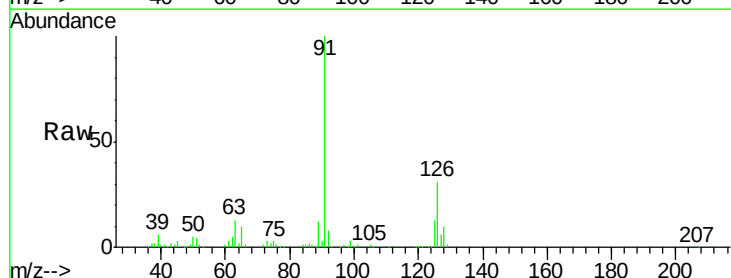
Acq: 11 Aug 2020 22:22

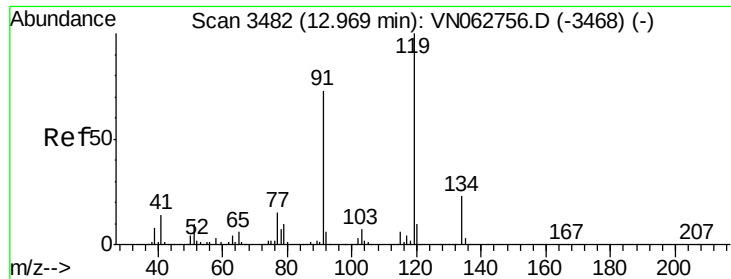
Tgt Ion: 91 Resp: 327562

Ion Ratio Lower Upper

91 100

126 30.8 15.3 45.9

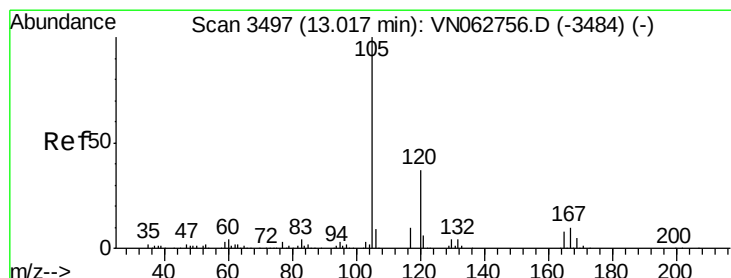
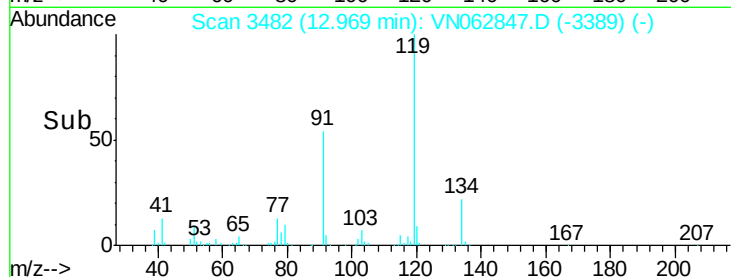
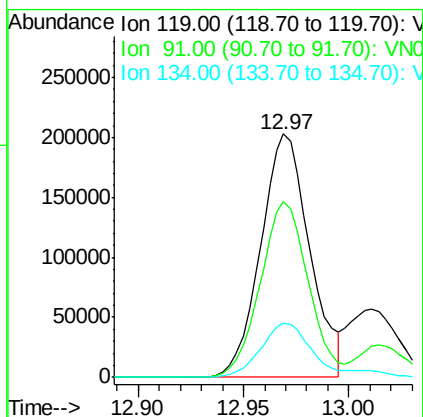
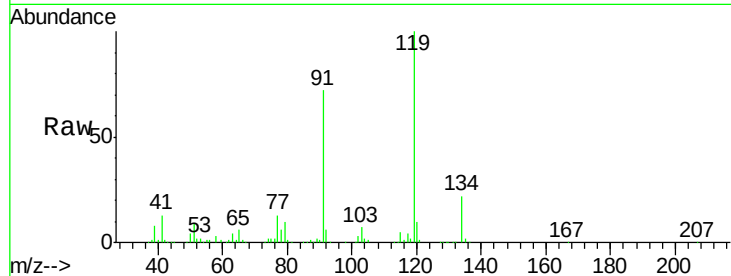




#83
 tert-Butylbenzene
 Concen: 45.930 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

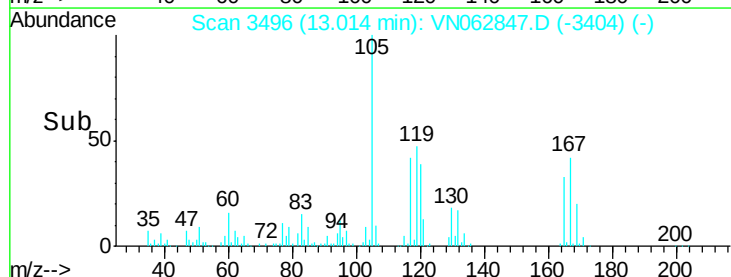
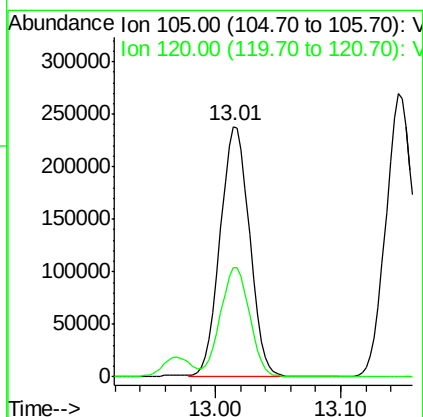
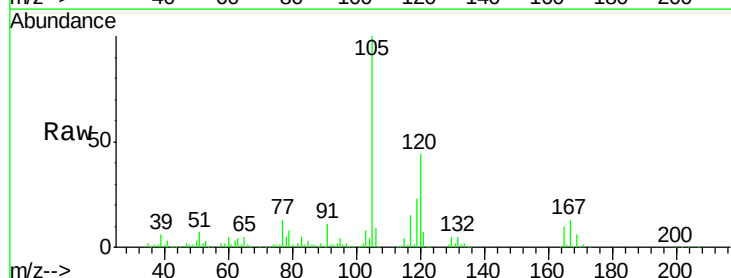
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

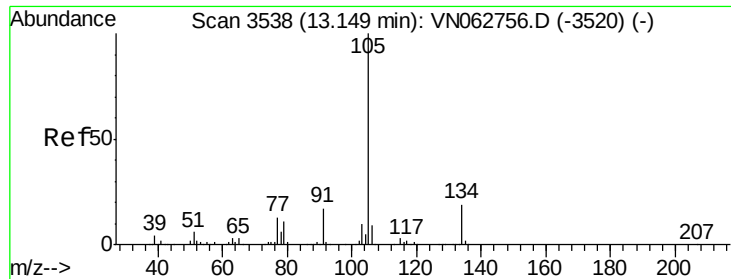
Tot Ion:119 Resp: 327465
 Ion Ratio Lower Upper
 119 100
 91 70.9 36.5 109.5
 134 22.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.982 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion:105 Resp: 386778
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.4 64.2





#85

sec-Butylbenzene

Concen: 45.875 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

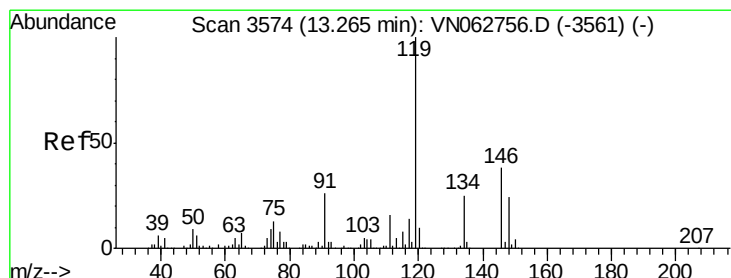
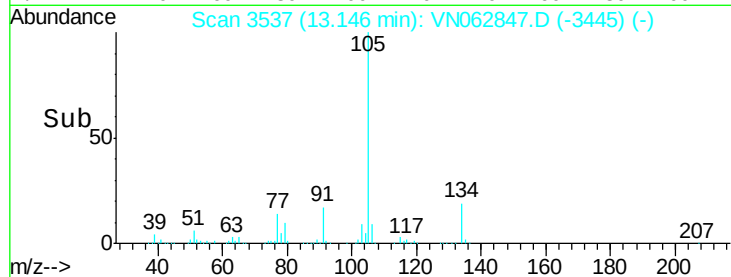
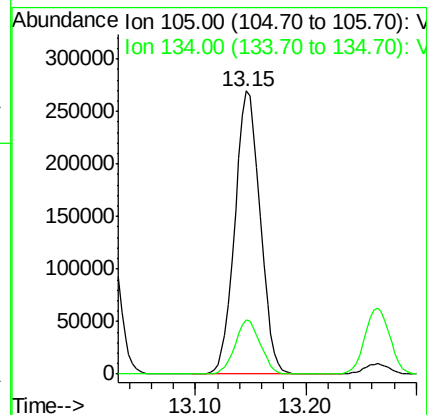
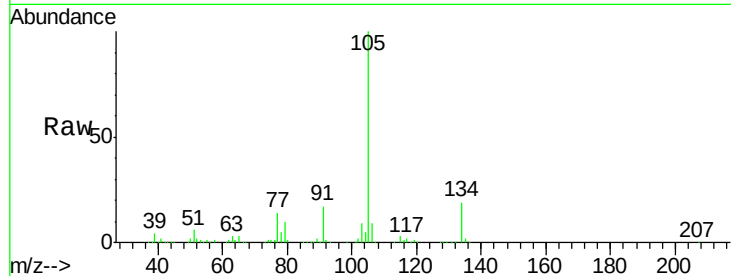
VSTDCCC050EC

Tot Ion:105 Resp: 429513

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 46.785 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

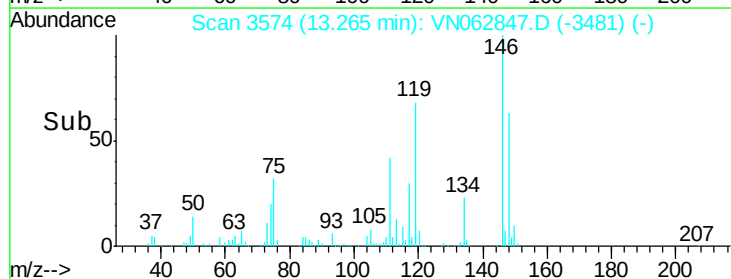
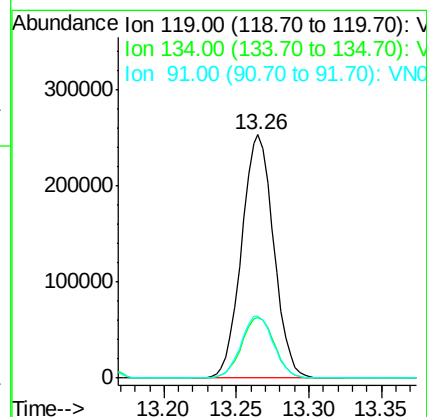
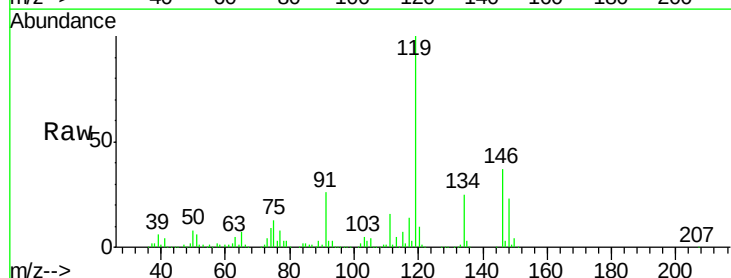
Tgt Ion:119 Resp: 388820

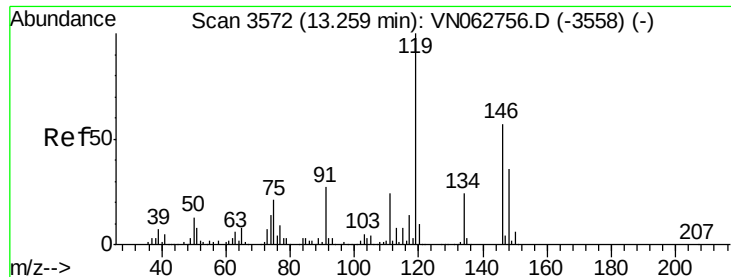
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 26.1 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 45.047 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

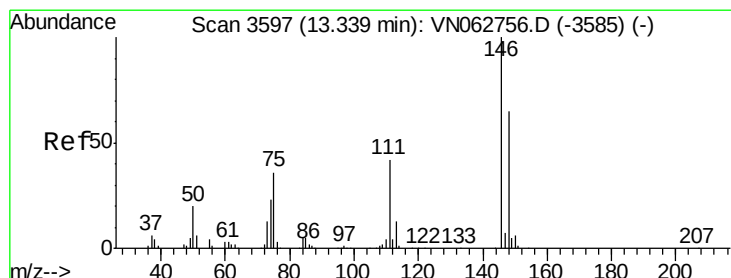
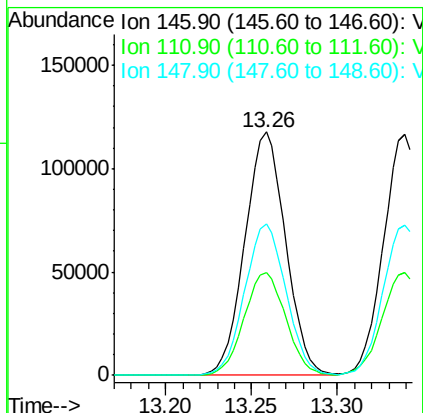
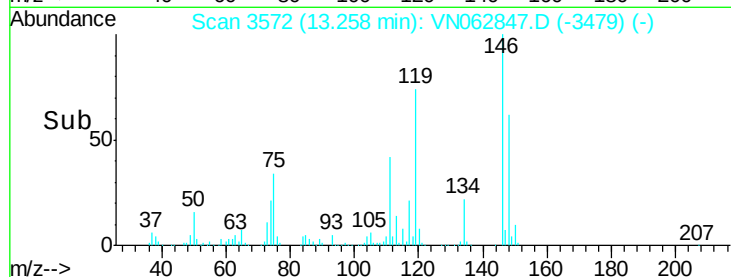
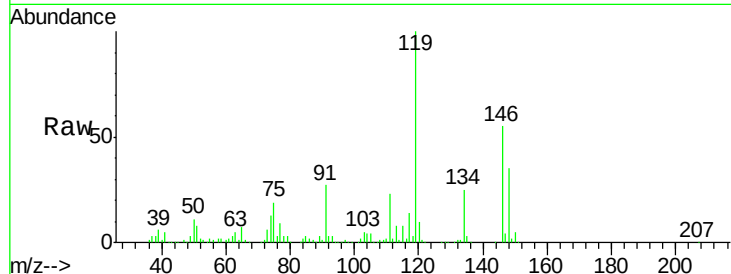
Tot Ion:146 Resp: 194201

Ion Ratio Lower Upper

146 100

111 43.1 21.7 65.1

148 63.0 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 43.791 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062847.D

Acq: 11 Aug 2020 22:22

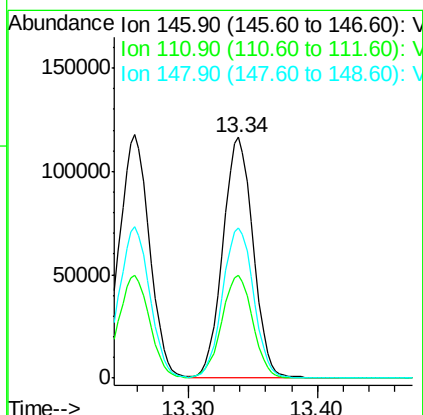
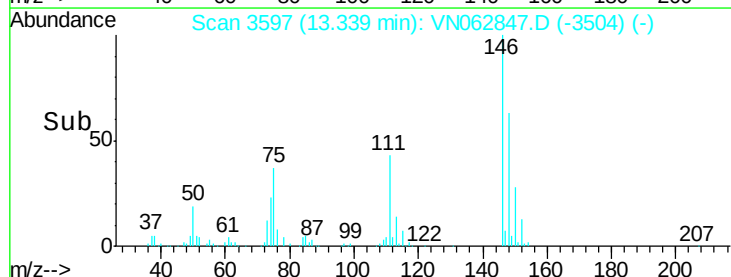
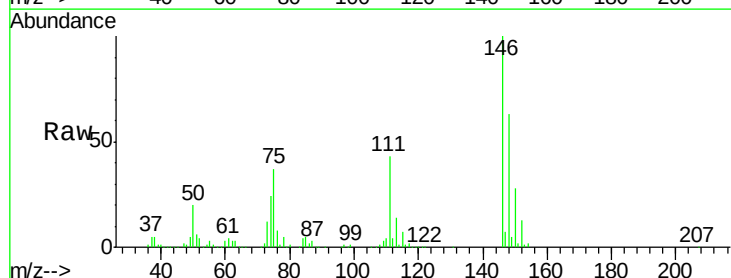
Tgt Ion:146 Resp: 189350

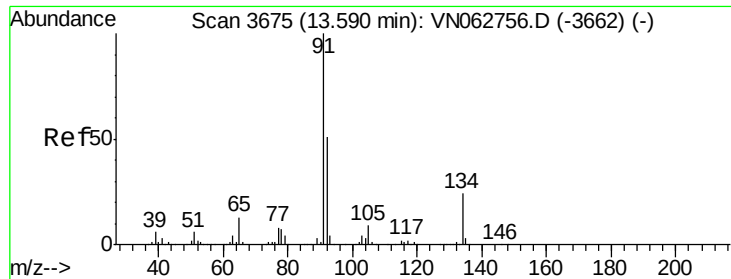
Ion Ratio Lower Upper

146 100

111 43.3 21.6 64.6

148 64.3 32.6 97.8

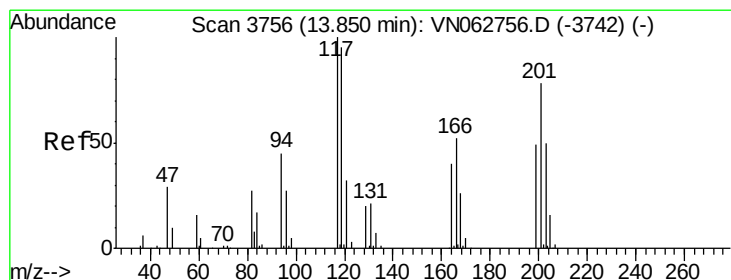
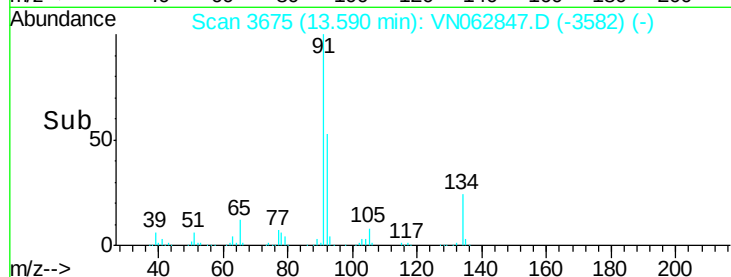
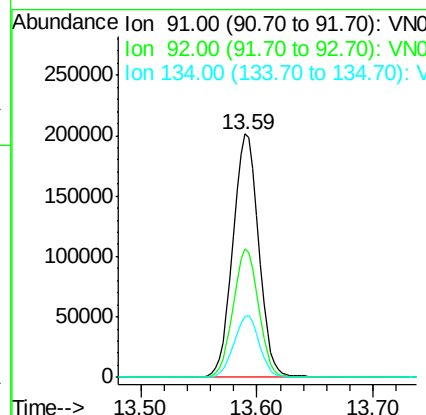
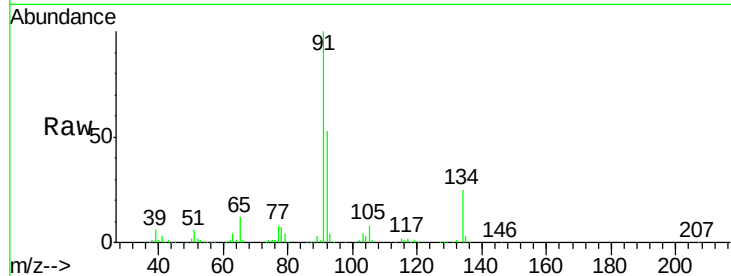




#89
n-Butylbenzene
Concen: 43.785 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

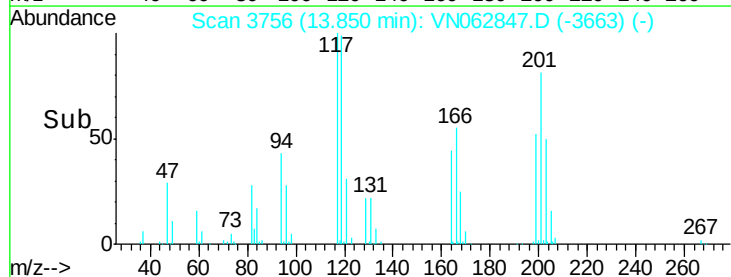
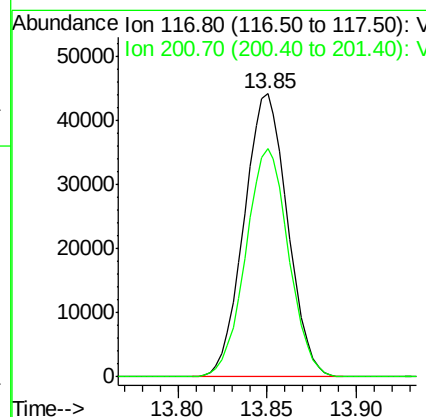
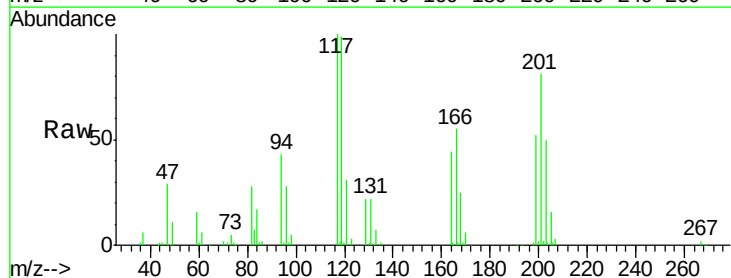
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

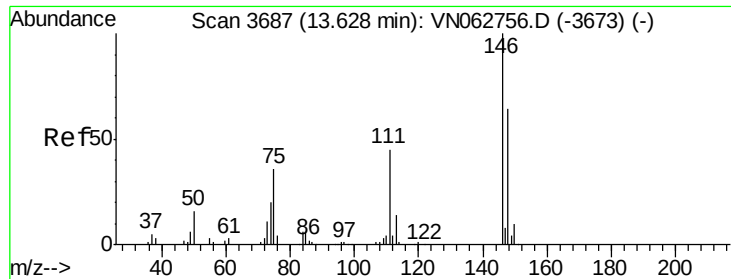
Tot Ion: 91 Resp: 307757
Ion Ratio Lower Upper
91 100
92 52.0 25.7 77.0
134 24.9 12.2 36.6



#90
Hexachloroethane
Concen: 41.871 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion: 117 Resp: 75008
Ion Ratio Lower Upper
117 100
201 79.6 39.2 117.6

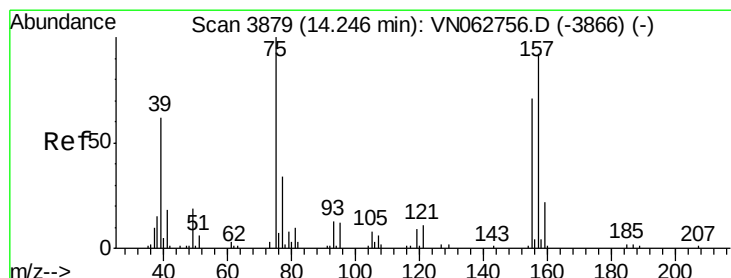
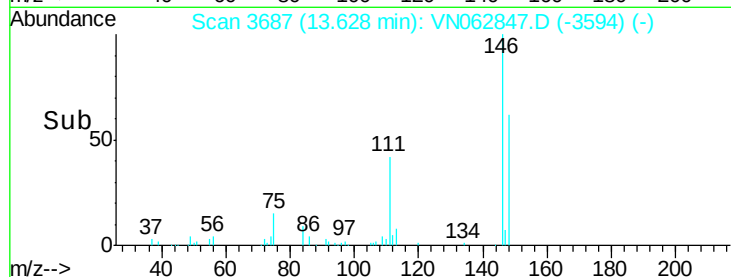
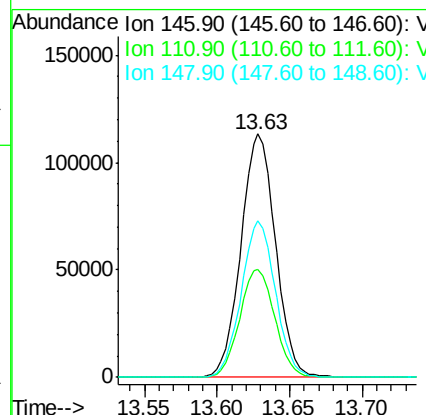
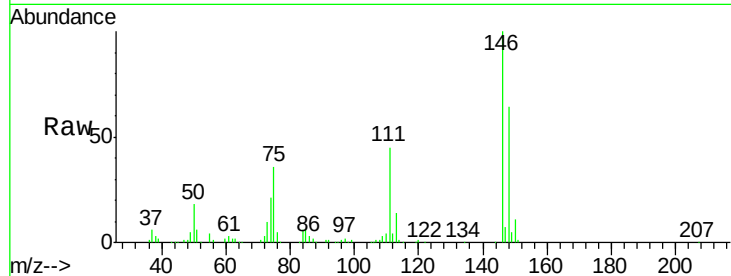




#91
 1,2-Dichlorobenzene
 Concen: 46.529 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

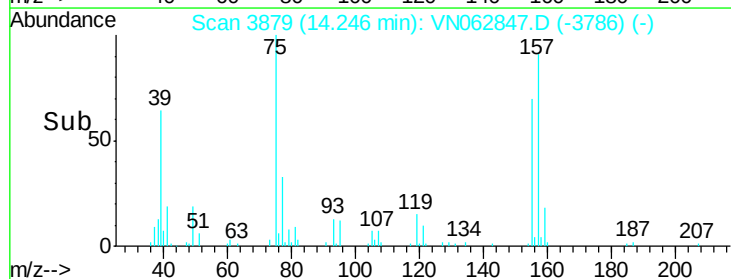
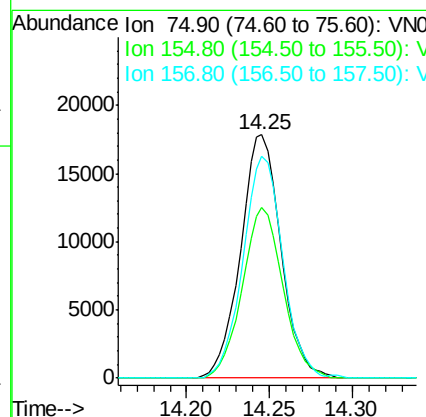
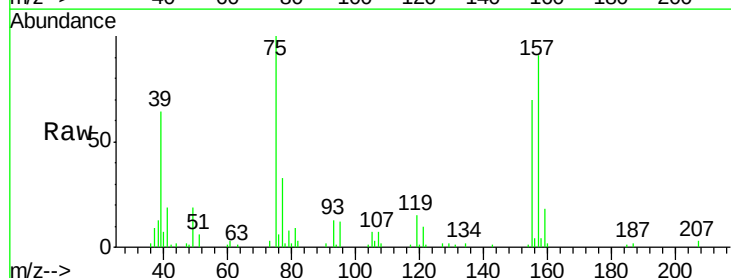
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

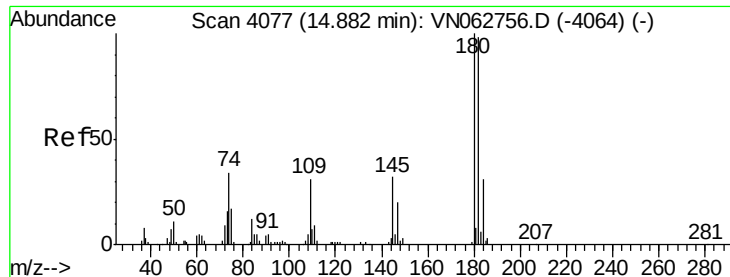
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.8	68.4
148	63.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.208 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	35.0	105.1
157	89.9	43.2	129.6

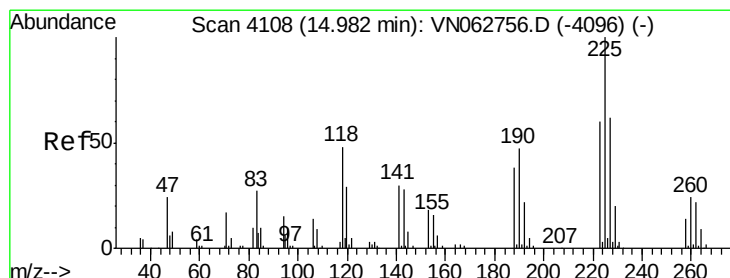
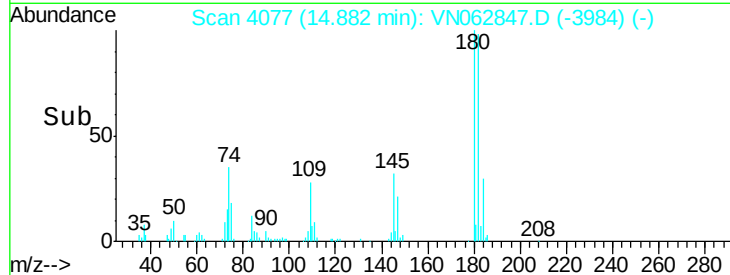
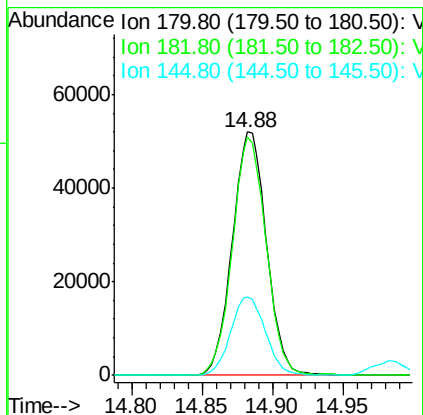
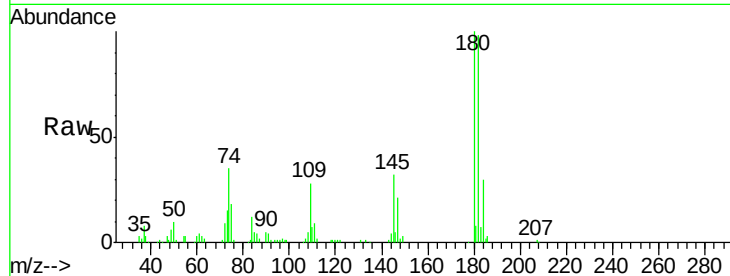




#93
 1,2,4-Trichlorobenzene
 Concen: 41.279 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

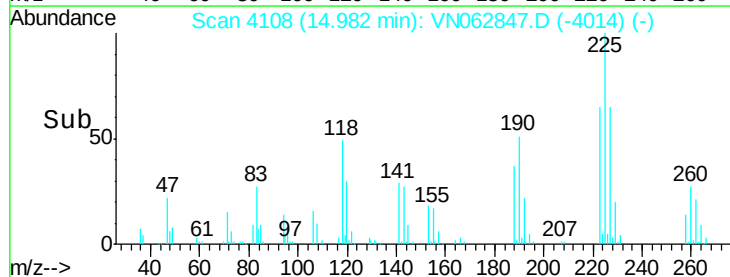
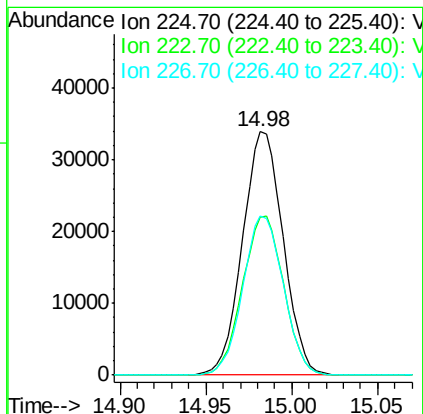
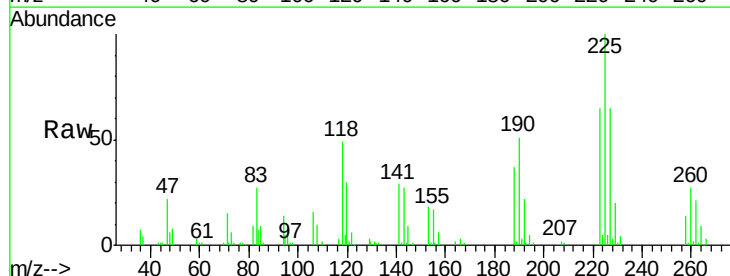
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

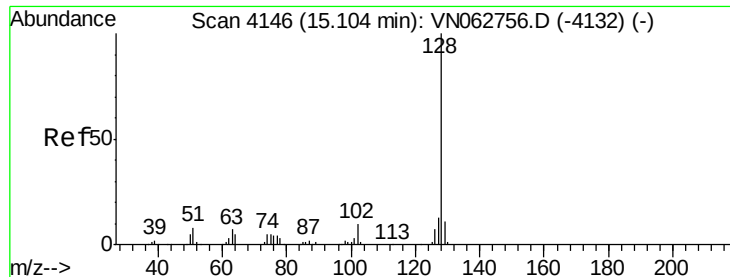
Tot Ion:180 Resp: 88255
 Ion Ratio Lower Upper
 180 100
 182 96.2 49.1 147.4
 145 32.8 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 43.518 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062847.D
 Acq: 11 Aug 2020 22:22

Tgt Ion:225 Resp: 55616
 Ion Ratio Lower Upper
 225 100
 223 66.0 30.6 92.0
 227 65.1 31.6 95.0

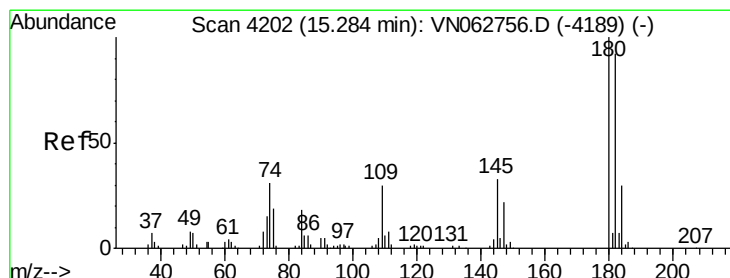
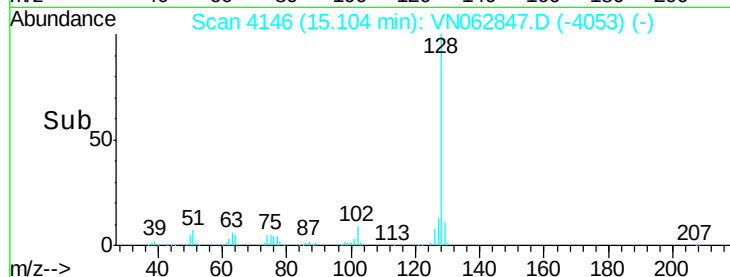
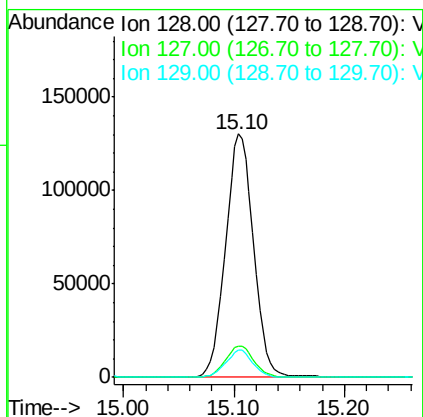
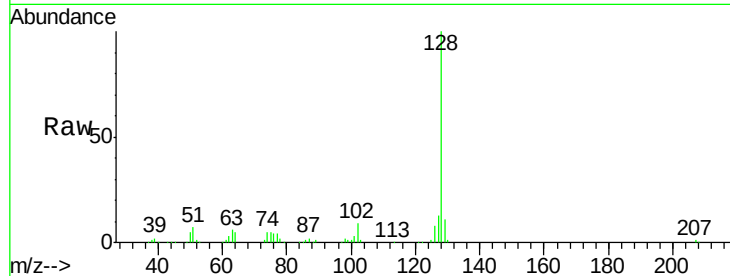




#95
Naphthalene
Concen: 39.469 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 229028
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 42.275 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062847.D
Acq: 11 Aug 2020 22:22

Tgt Ion:180 Resp: 89485
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.6
145 34.2 17.3 51.7

