

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062308.D
 Acq On : 1 Jul 2020 21:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 02 06:57:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	213540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	372226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164959	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	126533	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.06	98	512991	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.38	95	176999	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	110765	45.890	ug/l	96
3) Chloromethane	2.03	50	150232	52.947	ug/l	98
4) Vinyl Chloride	2.16	62	176964	46.556	ug/l	100
5) Bromomethane	2.52	94	110694	45.059	ug/l	99
6) Chloroethane	2.66	64	124393	47.907	ug/l	99
7) Trichlorofluoromethane	2.98	101	219542	46.873	ug/l	99
8) Diethyl Ether	3.37	74	90109	55.096	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	121853	49.681	ug/l	96
10) Methyl Iodide	3.91	142	145521	52.682	ug/l	99
11) Tert butyl alcohol	4.74	59	124295	288.885	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123964	50.557	ug/l	95
13) Acrolein	3.56	56	105073	249.433	ug/l	98
14) Allyl chloride	4.27	41	186911	55.990	ug/l	98
15) Acrylonitrile	4.93	53	352026	300.244	ug/l	99
16) Acetone	3.77	43	270958	288.691	ug/l	98
17) Carbon Disulfide	4.00	76	342364	48.750	ug/l	100
18) Methyl Acetate	4.28	43	143884	60.400	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	441793	56.387	ug/l	97
20) Methylene Chloride	4.50	84	155401	56.518	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	137667	49.285	ug/l	95
22) Diisopropyl ether	5.90	45	449236	59.102	ug/l	98
23) Vinyl Acetate	5.84	43	1846432	297.534	ug/l	98
24) 1,1-Dichloroethane	5.79	63	266279	54.403	ug/l	99
25) 2-Butanone	6.79	43	435565	297.367	ug/l	97
26) 2,2-Dichloropropane	6.77	77	182633	44.777	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	164762	52.419	ug/l	99
28) Bromochloromethane	7.15	49	114254	53.800	ug/l	90
29) Tetrahydrofuran	7.17	42	291880	304.208	ug/l	98
30) Chloroform	7.33	83	267382	53.692	ug/l	99
31) Cyclohexane	7.61	56	215287	51.999	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	219741	52.323	ug/l	97
36) 1,1-Dichloropropene	7.75	75	194700	49.239	ug/l	98
37) Ethyl Acetate	6.88	43	187523	57.272	ug/l	98
38) Carbon Tetrachloride	7.73	117	177762	47.684	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	214458	49.500	ug/l	98
40) Benzene	8.00	78	614464	50.984	ug/l	99
41) Methacrylonitrile	7.17	41	271720	179.003	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	211483	51.936	ug/l	99
43) Isopropyl Acetate	8.13	43	306676	57.456	ug/l #	90
44) Trichloroethene	8.80	130	142729	46.947	ug/l	95
45) 1,2-Dichloropropane	9.09	63	162579	54.679	ug/l	100
46) Dibromomethane	9.18	93	103404	51.294	ug/l	96
47) Bromodichloromethane	9.37	83	215613	52.970	ug/l	98
48) Methyl methacrylate	9.17	41	145579	60.830	ug/l	93
49) 1,4-Dioxane	9.17	88	58120	1095.102	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	945109	303.063	ug/l	98
52) Toluene	10.12	92	382596	52.028	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	232844	51.995	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	251009	52.648	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	154017	53.281	ug/l	98
56) Ethyl methacrylate	10.40	69	227876	59.071	ug/l	98
57) 1,3-Dichloropropane	10.68	76	266013	53.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	420972	255.904	ug/l	96
59) 2-Hexanone	10.72	43	695898	309.030	ug/l	100
60) Dibromochloromethane	10.87	129	157505	51.466	ug/l	100
61) 1,2-Dibromoethane	10.98	107	152598	51.377	ug/l	100
64) Tetrachloroethene	10.60	164	113593	44.675	ug/l	97
65) Chlorobenzene	11.40	112	399558	48.881	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	141894	50.201	ug/l	98
67) Ethyl Benzene	11.48	91	724239	52.462	ug/l	100
68) m/p-Xylenes	11.59	106	554404	103.829	ug/l	97
69) o-Xylene	11.92	106	263452	52.293	ug/l	95
70) Styrene	11.94	104	454743	54.123	ug/l	98
71) Bromoform	12.10	173	100728	50.122	ug/l #	99
73) Isopropylbenzene	12.22	105	707182	51.331	ug/l	99
74) N-amyl acetate	12.05	43	273282	53.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240014	52.353	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	296020	70.654	ug/l #	100
77) Bromobenzene	12.50	156	159614	46.666	ug/l	91
78) n-propylbenzene	12.57	91	828111	52.550	ug/l	99
79) 2-Chlorotoluene	12.65	91	487076	51.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	593334	53.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	75538	52.653	ug/l	97
82) 4-Chlorotoluene	12.75	91	510661	51.835	ug/l	97
83) tert-Butylbenzene	12.97	119	479418	50.160	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	588579	52.768	ug/l	99
85) sec-Butylbenzene	13.15	105	674152	53.379	ug/l	98
86) p-Isopropyltoluene	13.26	119	587544	53.100	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	297493	49.532	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	297197	48.004	ug/l	99
89) n-Butylbenzene	13.59	91	487859	53.033	ug/l	99
90) Hexachloroethane	13.85	117	112266	51.714	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	291031	49.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	40288	54.857	ug/l	93

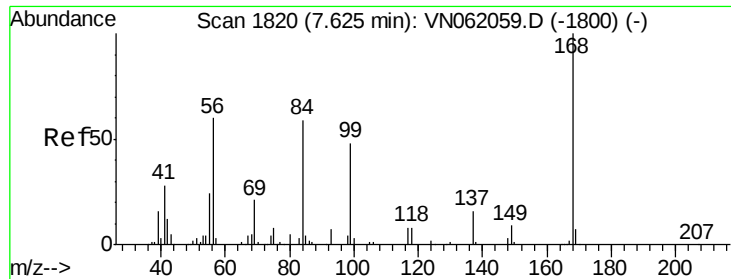
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	122104	47.991	ug/l	99
94) Hexachlorobutadiene	14.98	225	50903	46.064	ug/l	99
95) Naphthalene	15.10	128	371945	44.336	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	126247	48.527	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

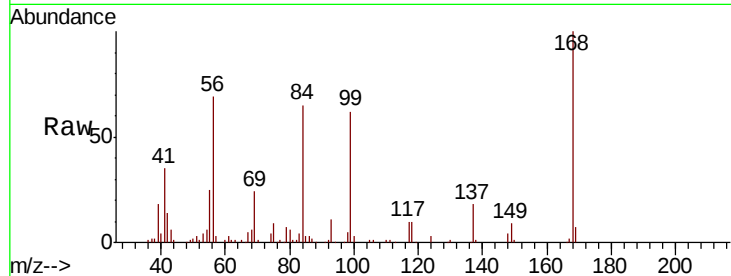
VSTDCCC050EC

Tot Ion:168 Resp: 213540

Ion Ratio Lower Upper

168 100

99 61.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

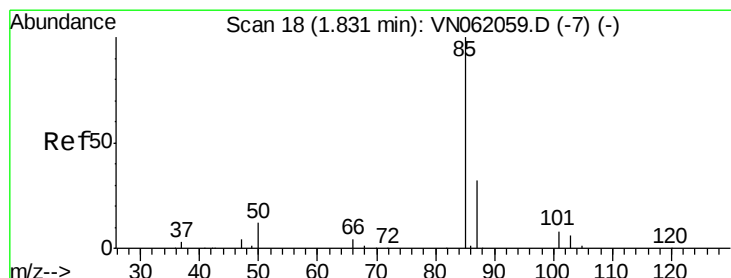
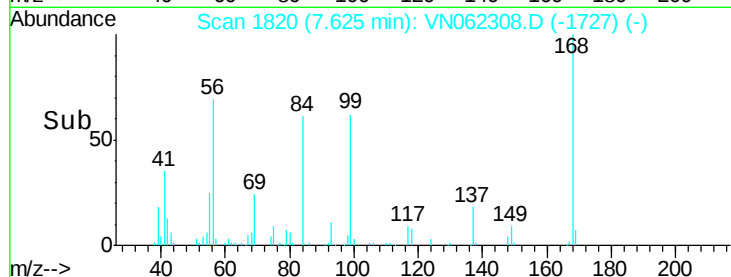
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.890 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062308.D

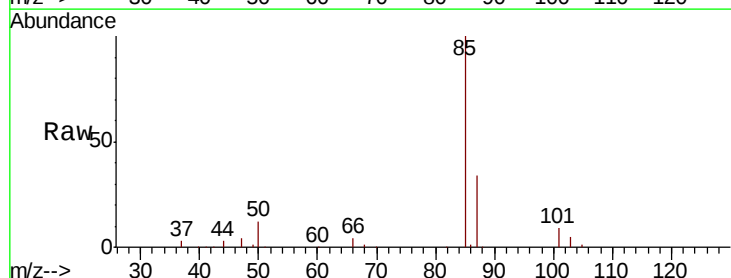
Acq: 1 Jul 2020 21:44

Tgt Ion: 85 Resp: 110765

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

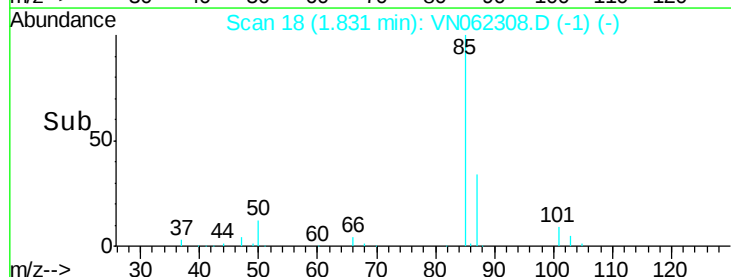
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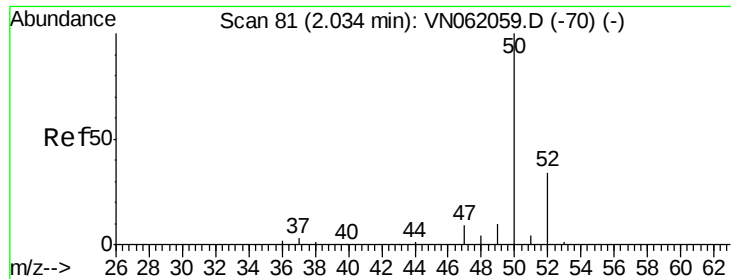
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.947 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

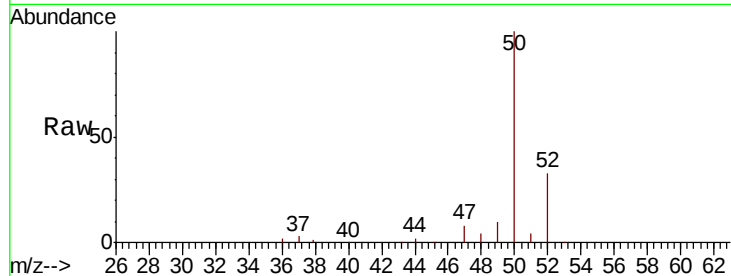
VSTDCCC050EC

Tot Ion: 50 Resp: 150232

Ion Ratio Lower Upper

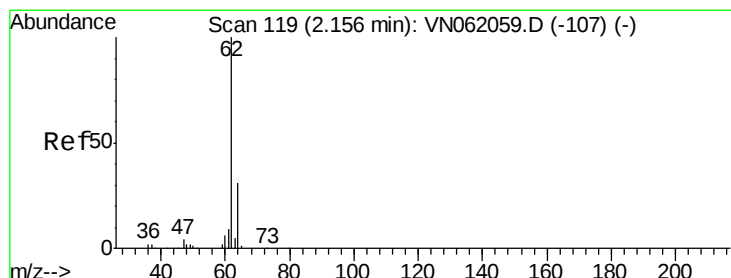
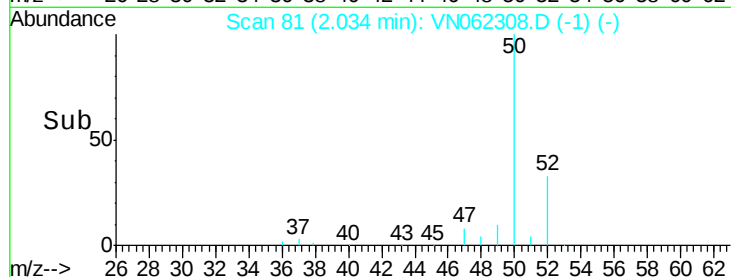
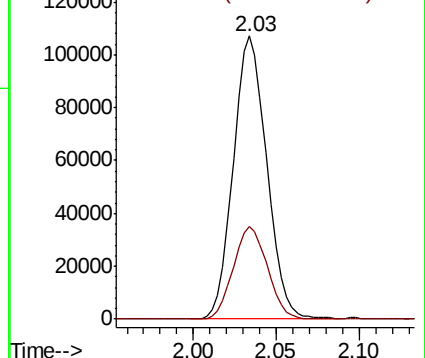
50 100

52 32.6 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.556 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062308.D

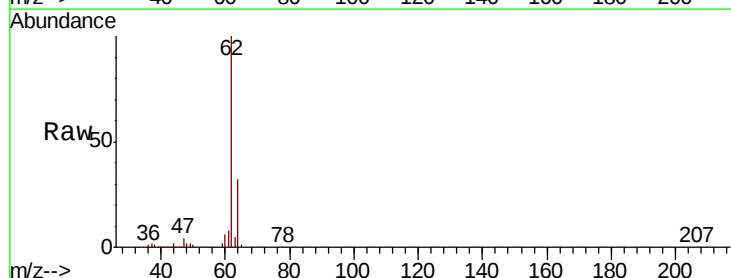
Acq: 1 Jul 2020 21:44

Tgt Ion: 62 Resp: 176964

Ion Ratio Lower Upper

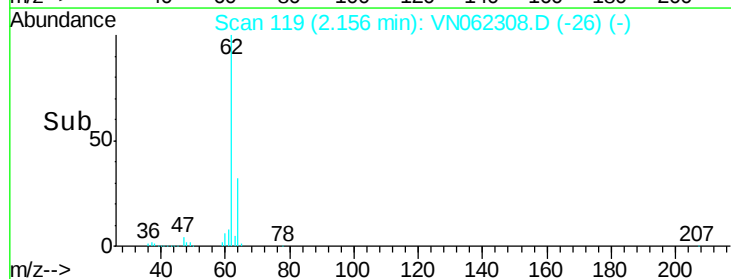
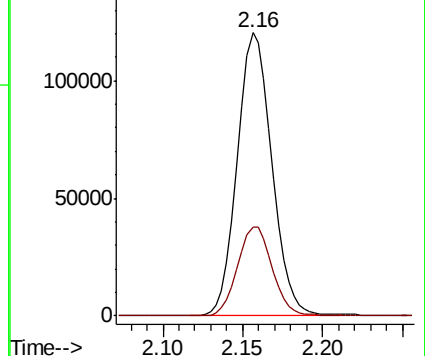
62 100

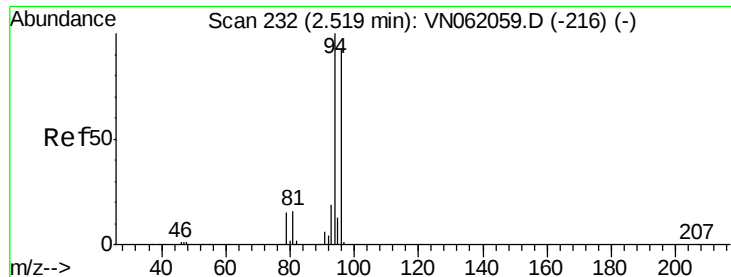
64 31.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 45.059 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

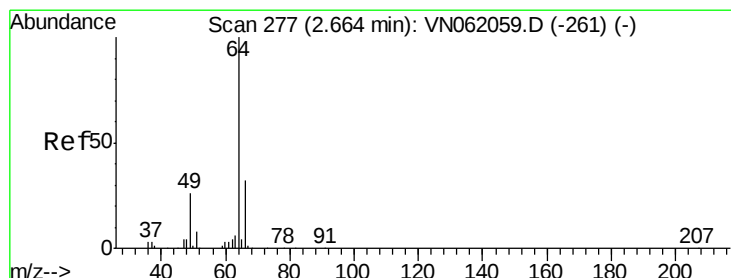
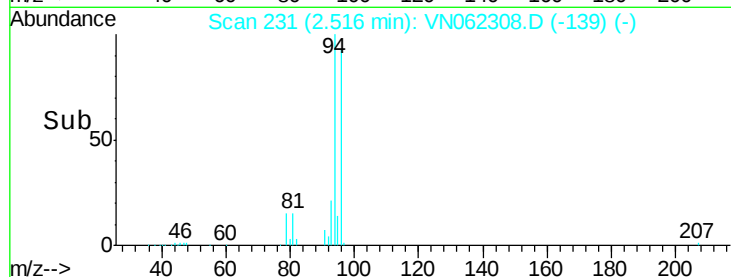
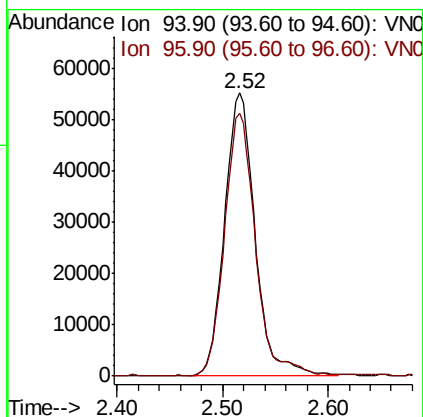
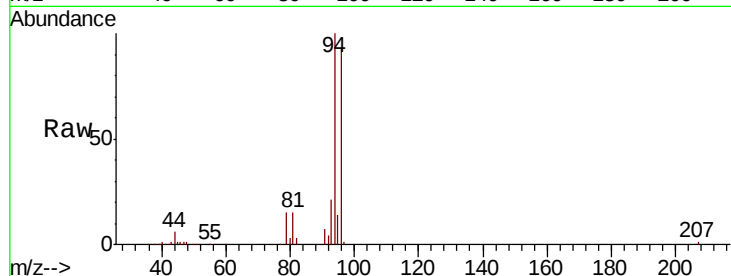
VSTDCCC050EC

Tot Ion: 94 Resp: 110694

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.2



#6

Chloroethane

Concen: 47.907 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062308.D

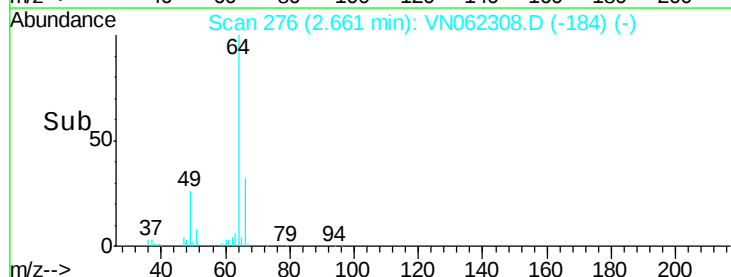
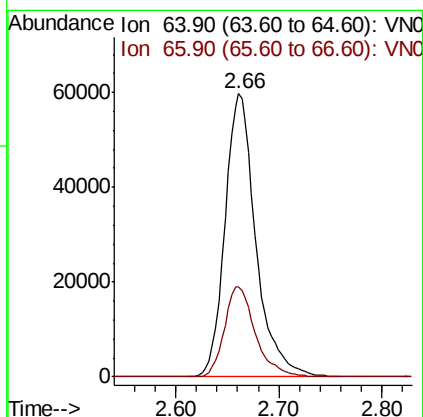
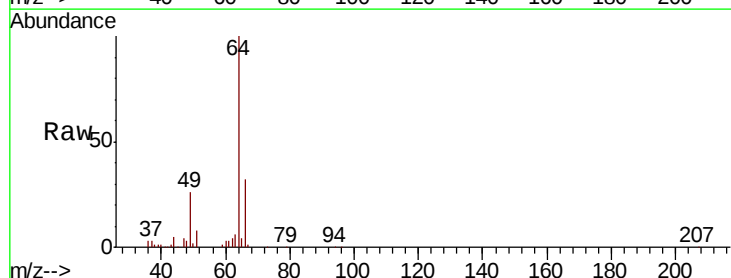
Acq: 1 Jul 2020 21:44

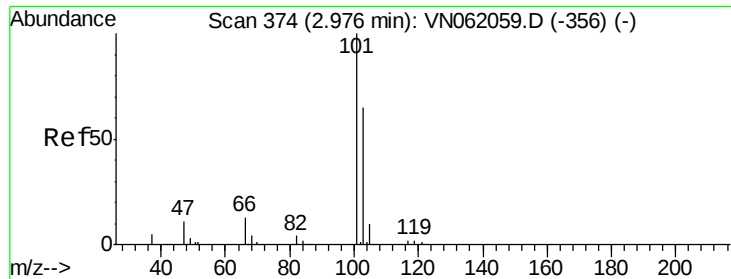
Tgt Ion: 64 Resp: 124393

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.6



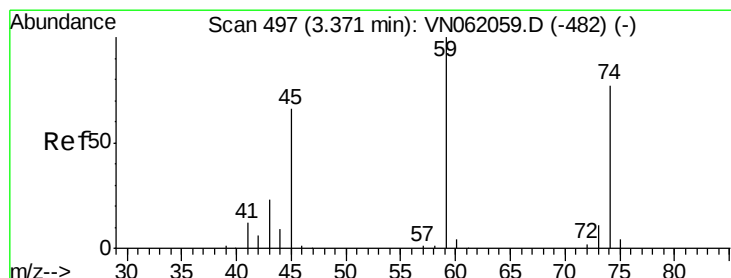
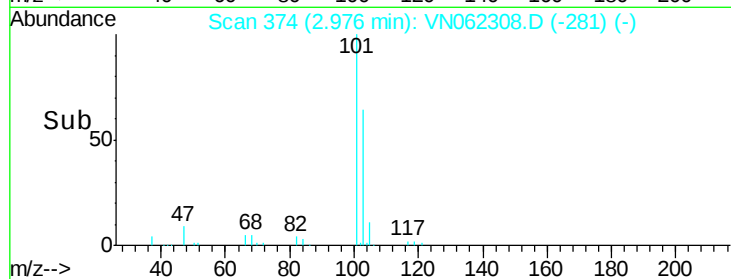
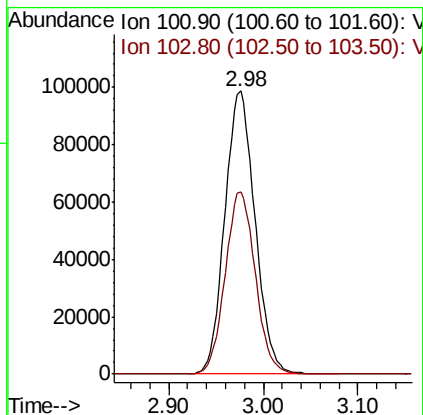
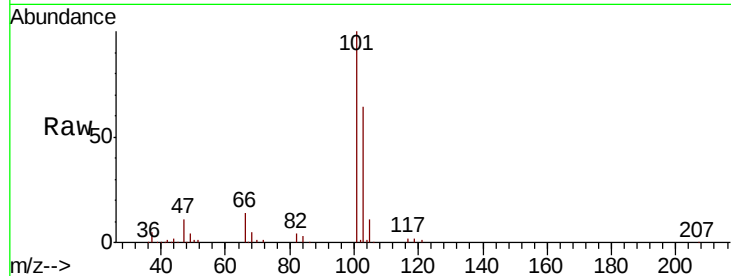


#7

Trichlorofluoromethane
 Concen: 46.873 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Instrument :
 MSVOA_N
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 VSTDCCC050EC

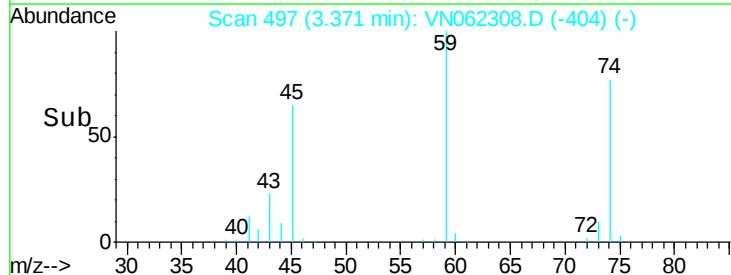
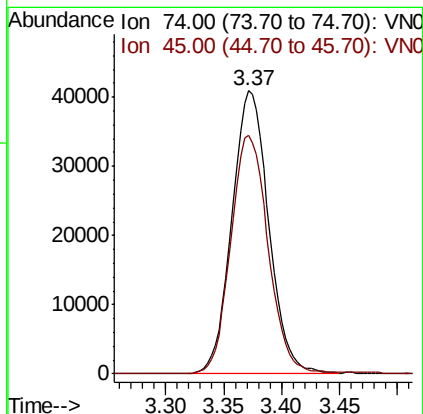
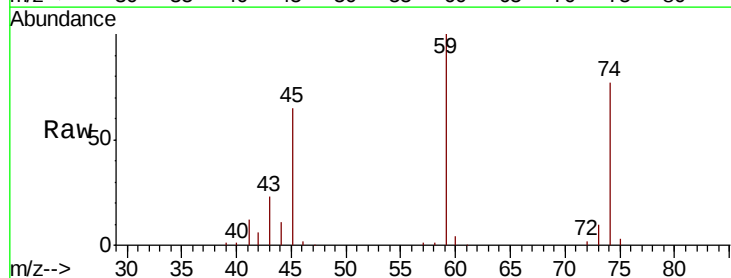
Tot Ion:101 Resp: 219542
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

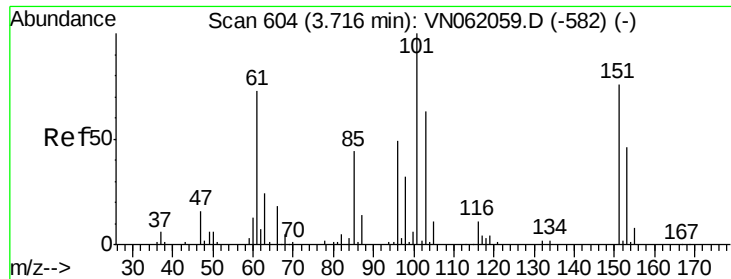


#8

Diethyl Ether
 Concen: 55.096 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 74 Resp: 90109
 Ion Ratio Lower Upper
 74 100
 45 85.7 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.681 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

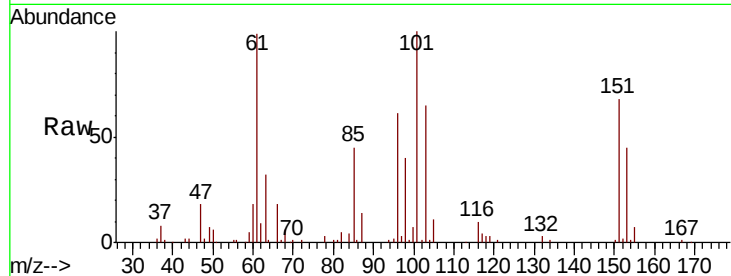
Tot Ion:101 Resp: 121853

Ion Ratio Lower Upper

101 100

85 46.0 34.5 51.7

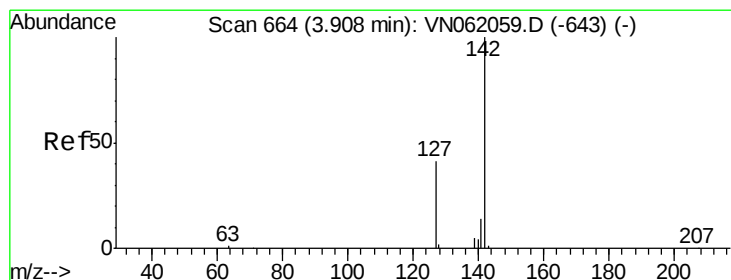
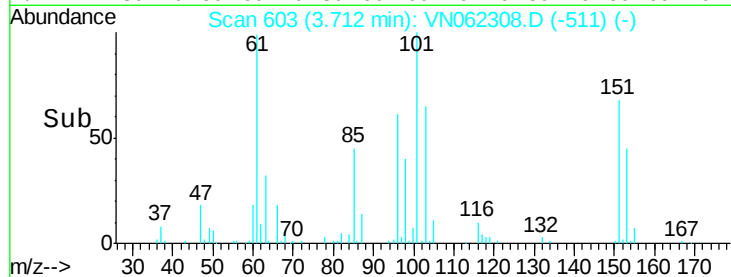
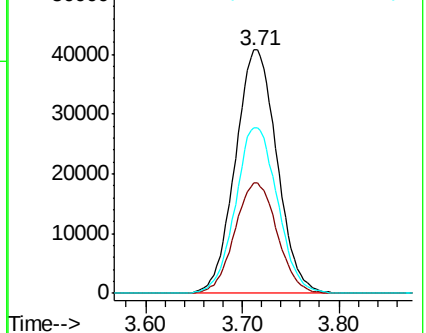
151 68.8 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.682 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

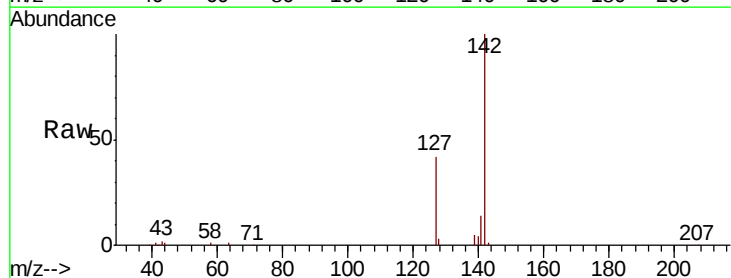
Tgt Ion:142 Resp: 145521

Ion Ratio Lower Upper

142 100

127 42.6 33.6 50.4

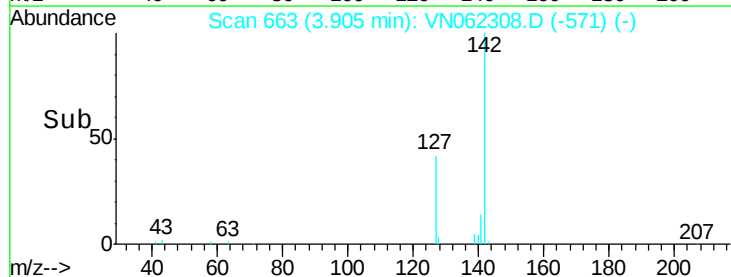
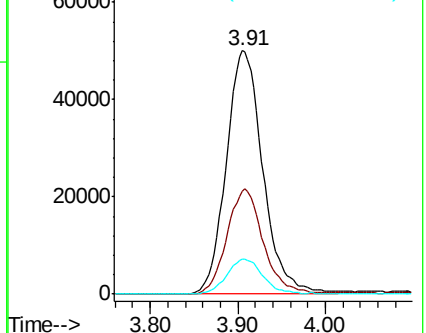
141 14.2 11.3 16.9



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



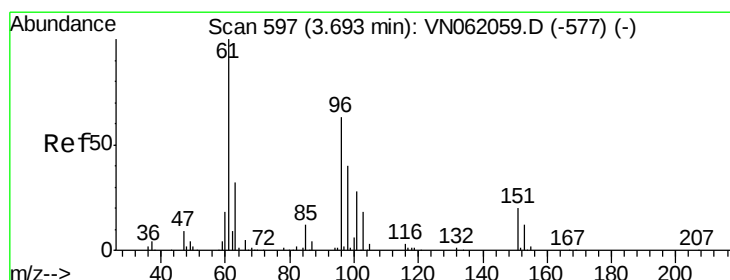
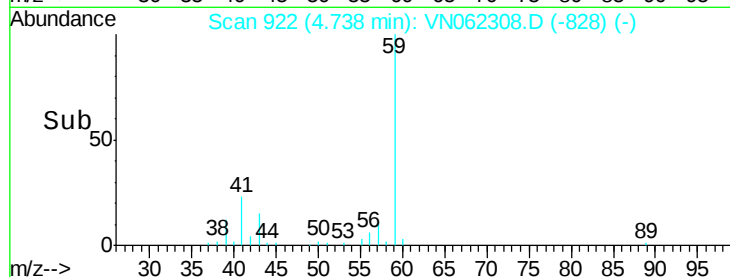
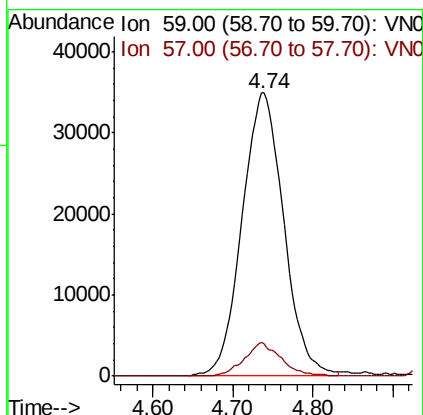
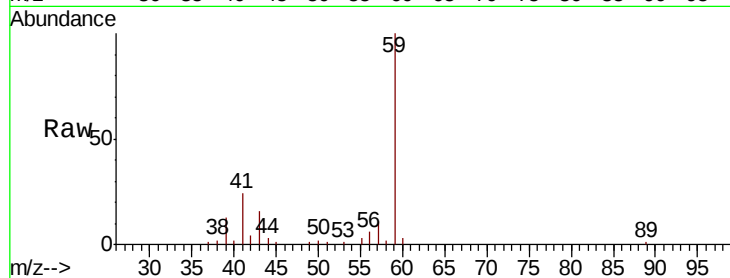


#11

Tert butyl alcohol
Concen: 288.885 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

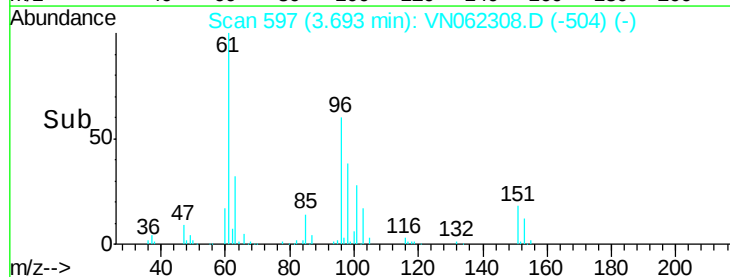
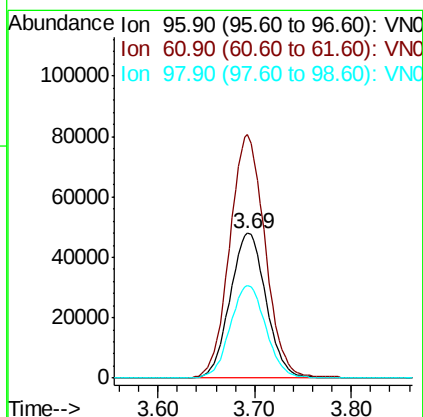
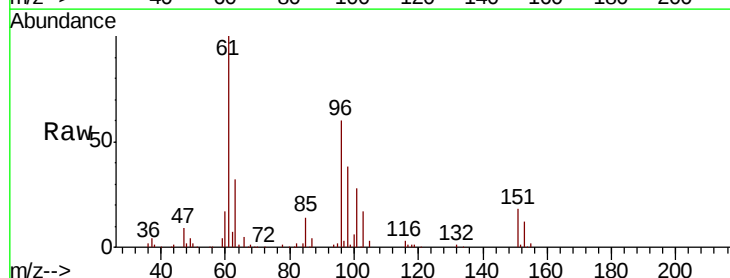
Tot Ion: 59 Resp: 124295
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

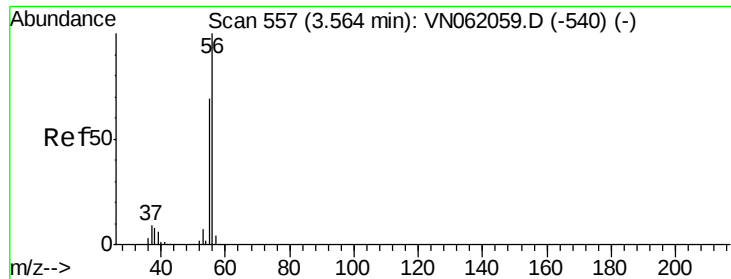


#12

1,1-Dichloroethene
Concen: 50.557 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 96 Resp: 123964
Ion Ratio Lower Upper
96 100
61 167.9 126.7 190.1
98 63.9 51.0 76.4





#13

Acrolein

Concen: 249.433 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

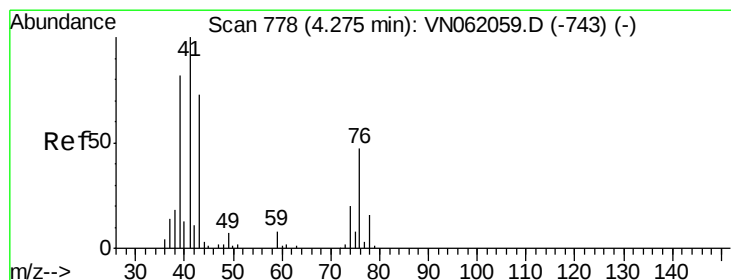
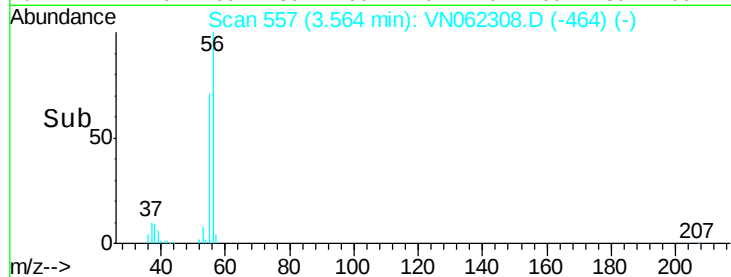
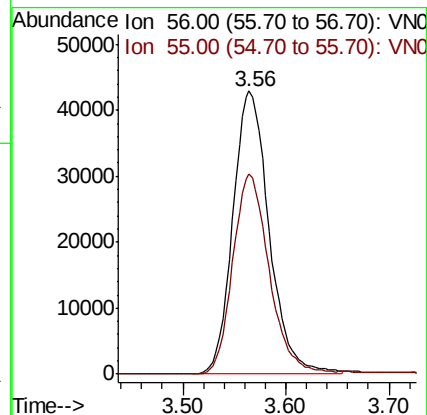
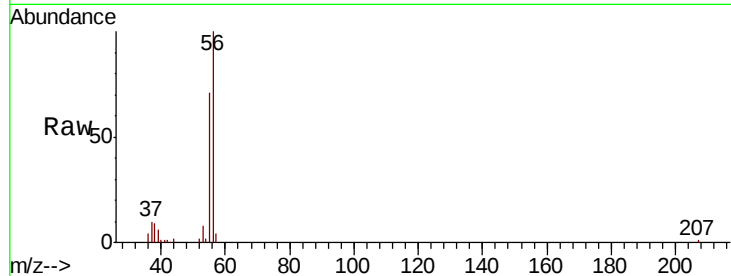
VSTDCCC050EC

Tot Ion: 56 Resp: 105073

Ion Ratio Lower Upper

56 100

55 70.9 55.5 83.3



#14

Allyl chloride

Concen: 55.990 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

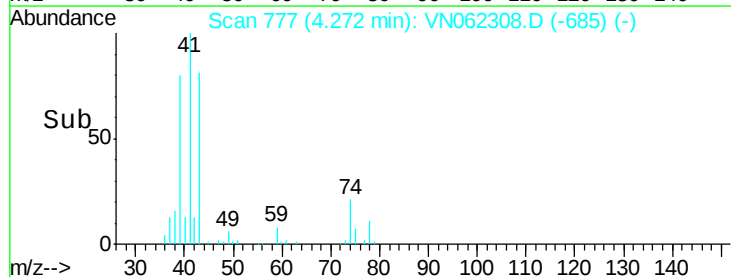
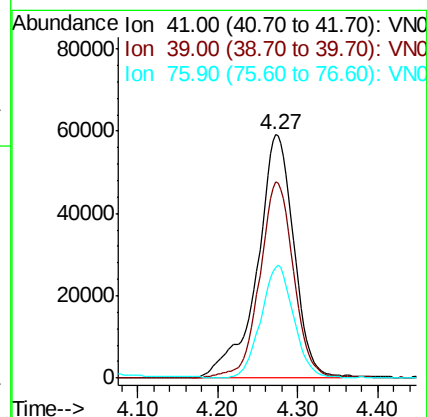
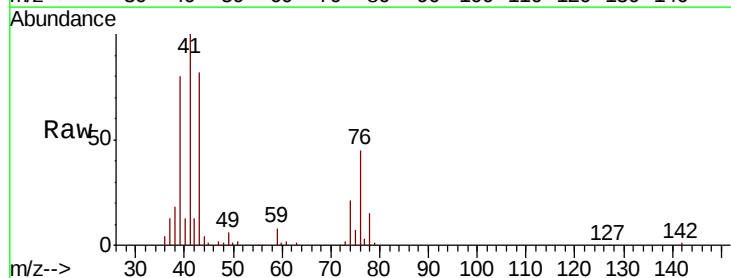
Tgt Ion: 41 Resp: 186911

Ion Ratio Lower Upper

41 100

39 74.2 60.0 90.0

76 40.4 34.1 51.1





#15

Acrylonitrile

Concen: 300.244 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

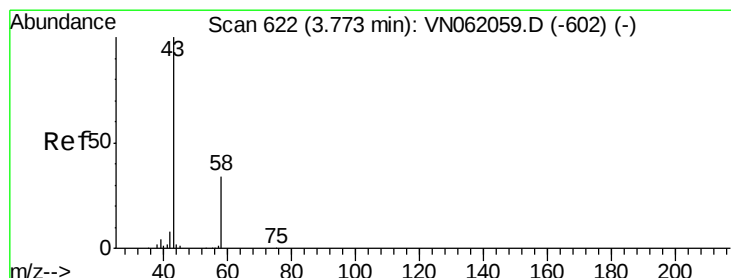
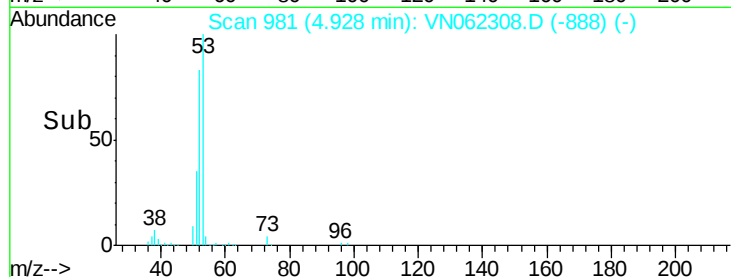
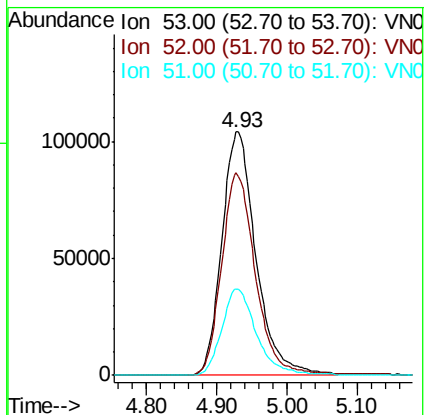
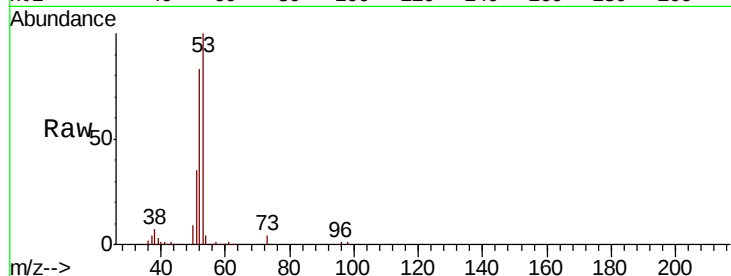
Tot Ion: 53 Resp: 352026

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

51 36.3 28.9 43.3



#16

Acetone

Concen: 288.691 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062308.D

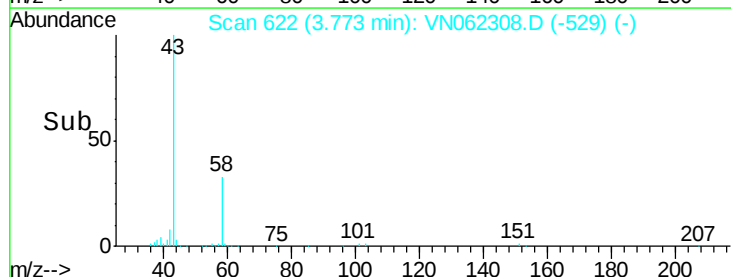
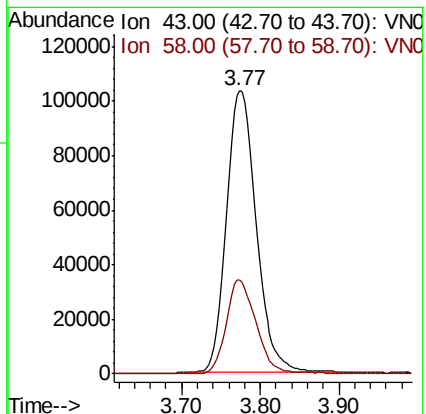
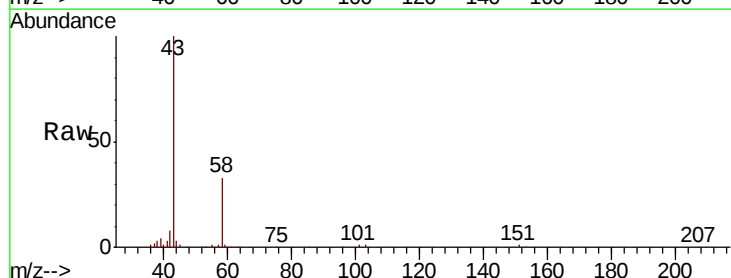
Acq: 1 Jul 2020 21:44

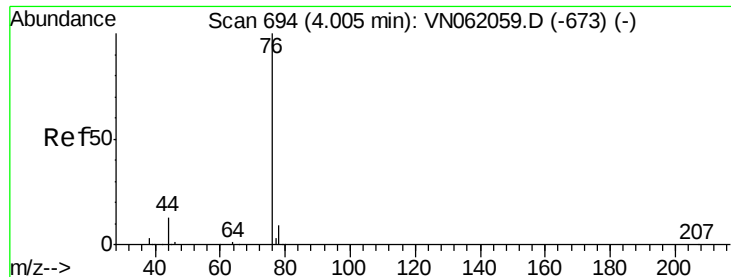
Tgt Ion: 43 Resp: 270958

Ion Ratio Lower Upper

43 100

58 33.4 27.5 41.3

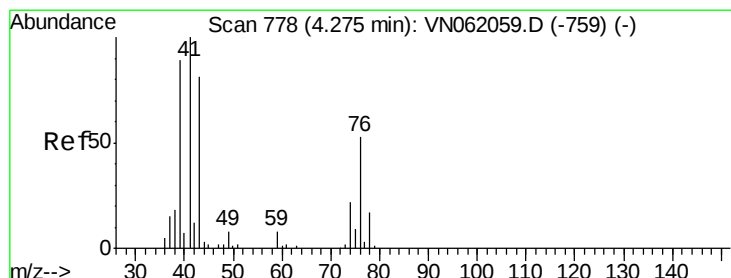
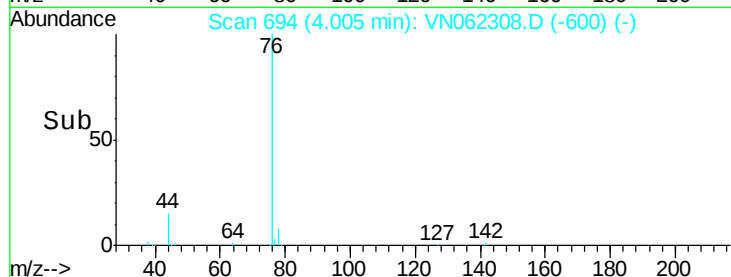
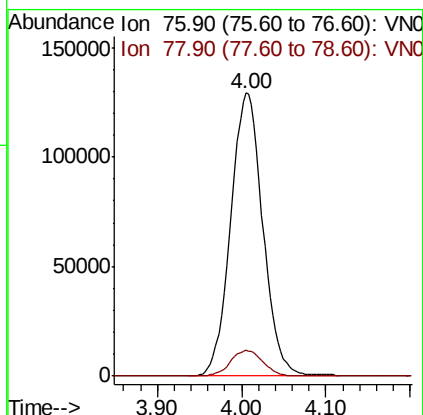
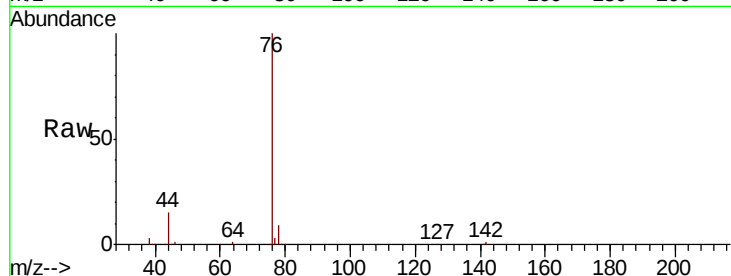




#17
Carbon Disulfide
Concen: 48.750 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

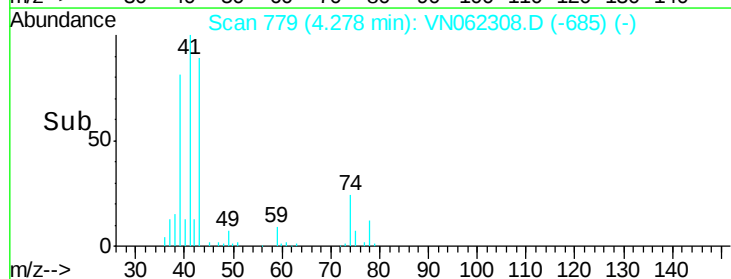
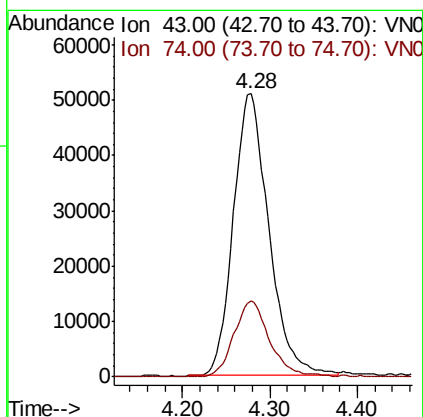
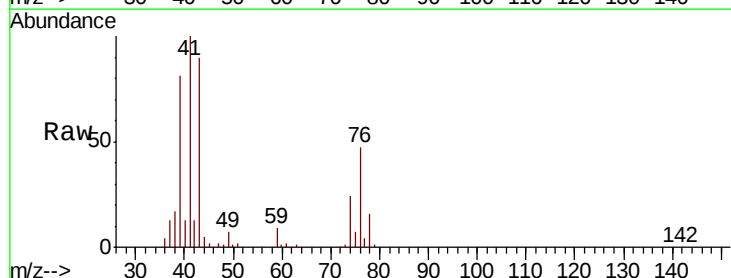
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 342364
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 60.400 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 43 Resp: 143884
Ion Ratio Lower Upper
43 100
74 26.9 22.9 34.3

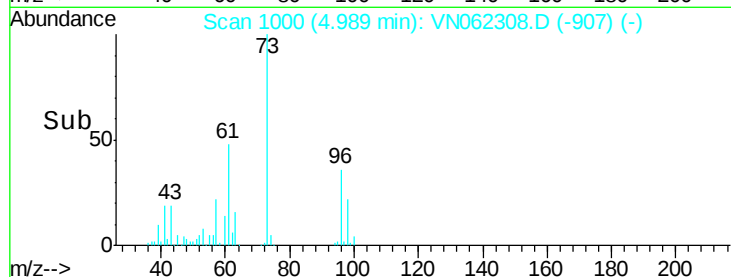
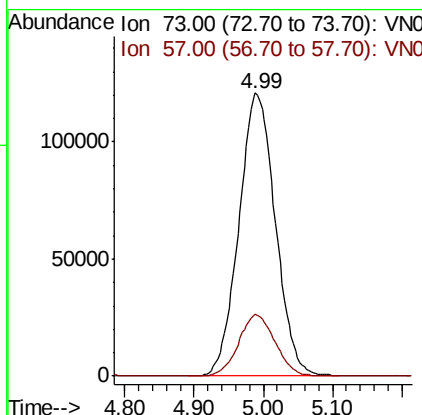
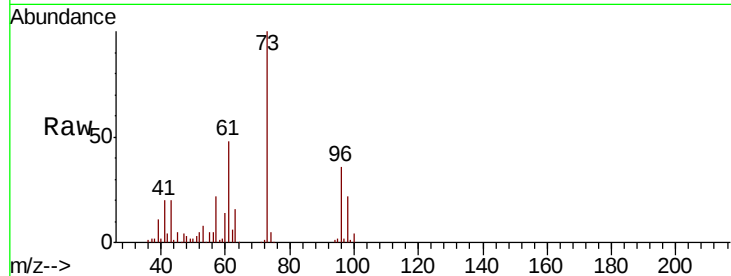




#19
Methvl tert-butvl Ether
Concen: 56.387 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

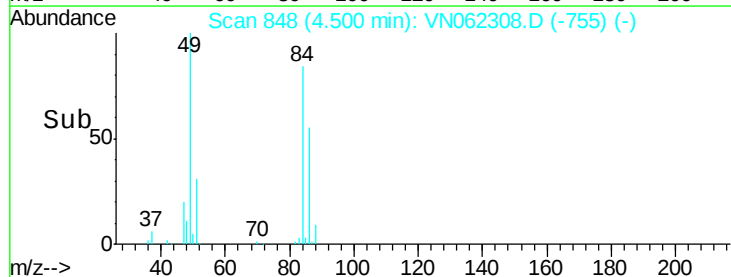
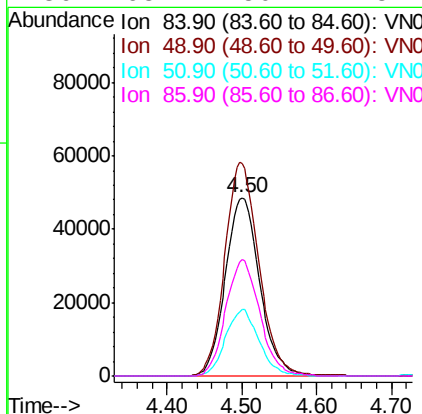
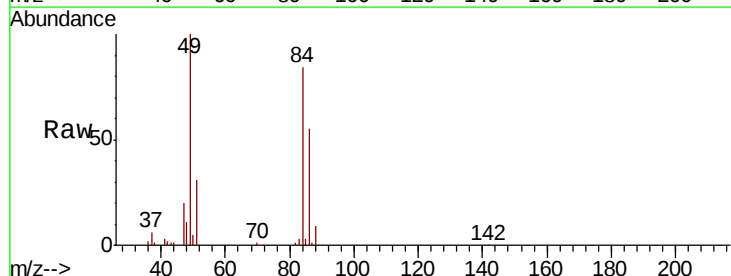
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

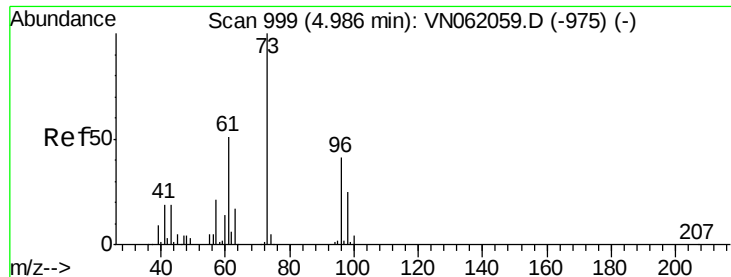
Tot Ion: 73 Resp: 441793
Ion Ratio Lower Upper
73 100
57 21.9 16.6 24.8



#20
Methylene Chloride
Concen: 56.518 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 84 Resp: 155401
Ion Ratio Lower Upper
84 100
49 119.3 90.6 136.0
51 37.4 27.8 41.8
86 65.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.285 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

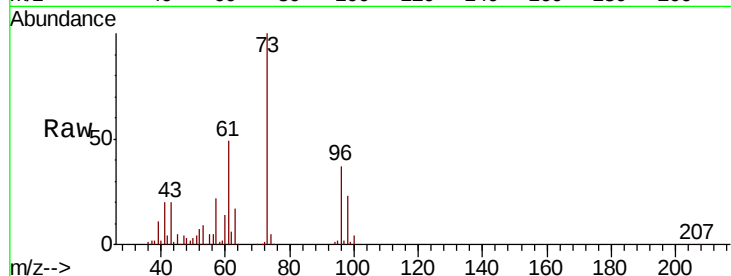
Tot Ion: 96 Resp: 137667

Ion Ratio Lower Upper

96 100

61 134.4 101.4 152.2

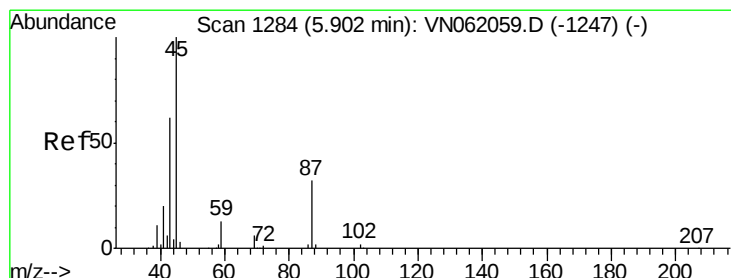
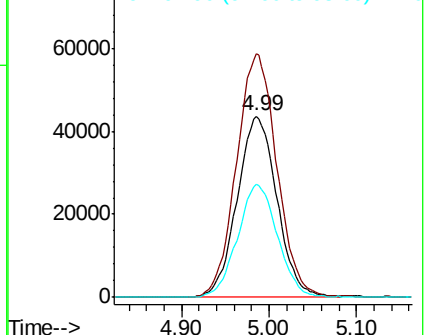
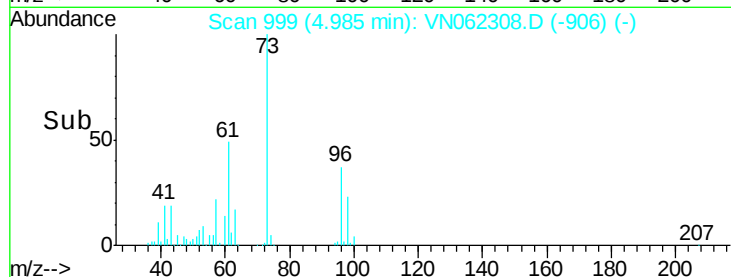
98 62.3 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062308.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062308.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062308.D (-906) (-)



#22

Diisopropyl ether

Concen: 59.102 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Tgt Ion: 45 Resp: 449236

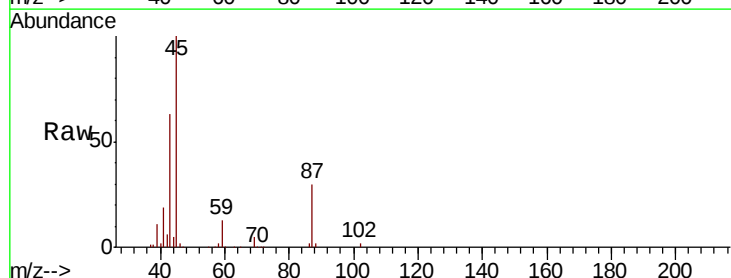
Ion Ratio Lower Upper

45 100

43 62.3 49.7 74.5

87 30.1 25.9 38.9

59 12.7 10.6 16.0

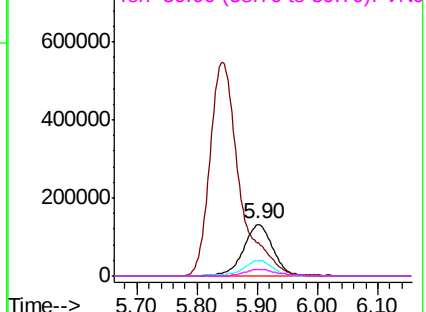
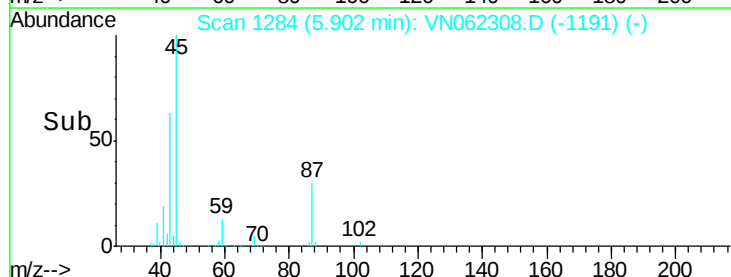


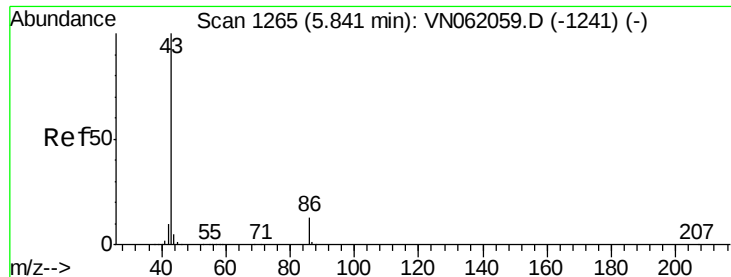
Abundance Ion 45.00 (44.70 to 45.70): VN062308.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062308.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062308.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062308.D (-1191) (-)





#23

Vinyl Acetate

Concen: 297.534 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

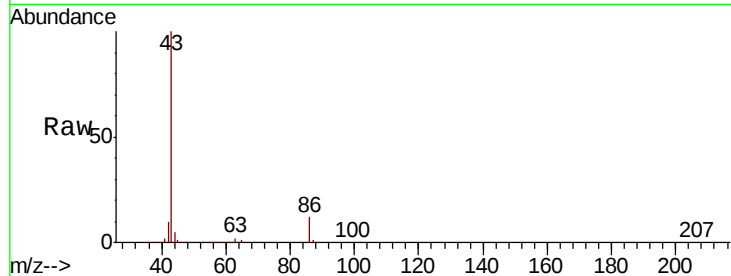
VSTDCCC050EC

Tot Ion: 43 Resp: 1846432

Ion Ratio Lower Upper

43 100

86 11.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062308.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062308.D (-1172) (-)

5.84

600000

500000

400000

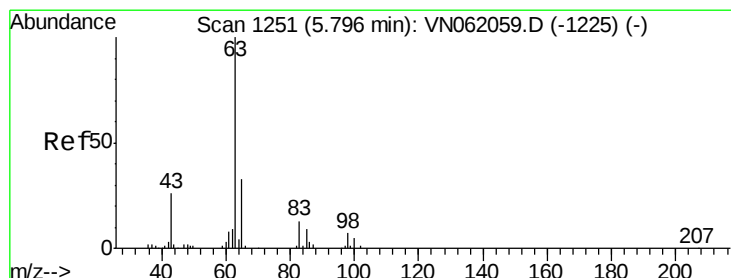
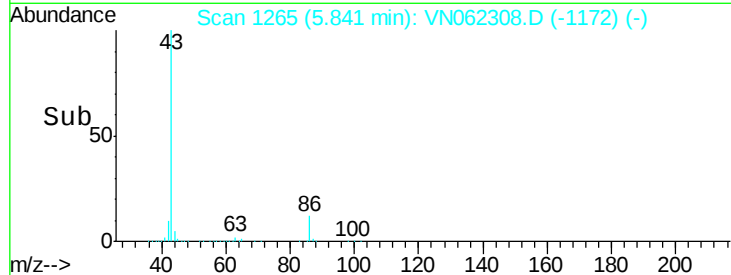
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.403 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

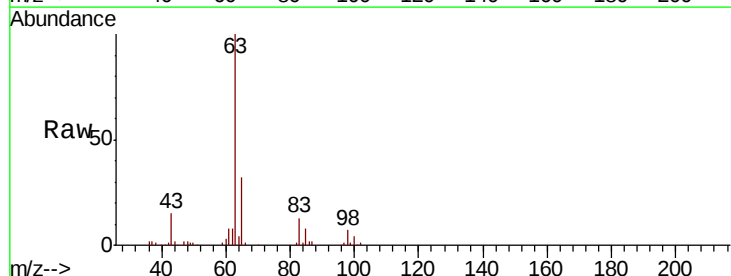
Tgt Ion: 63 Resp: 266279

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062308.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062308.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062308.D (-1158) (-)

5.79

100000

80000

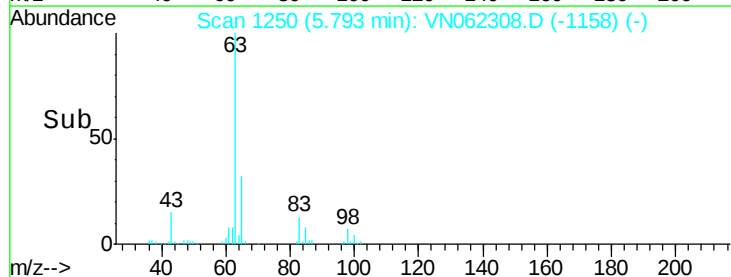
60000

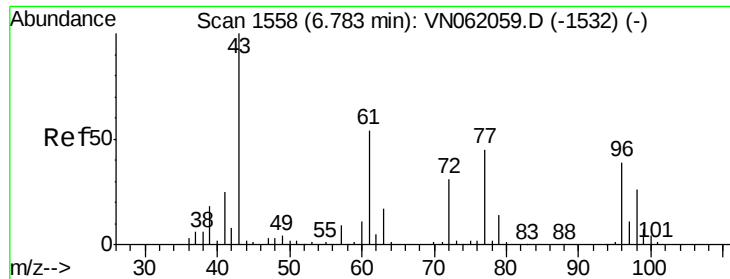
40000

20000

0

Time-->

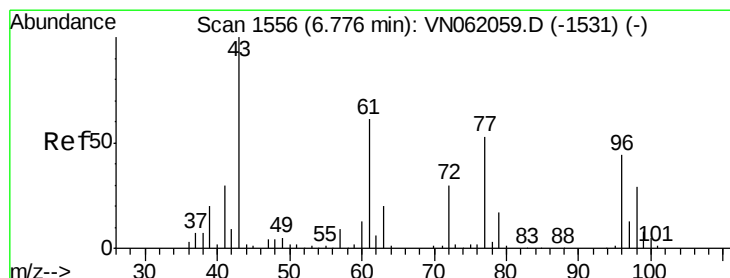
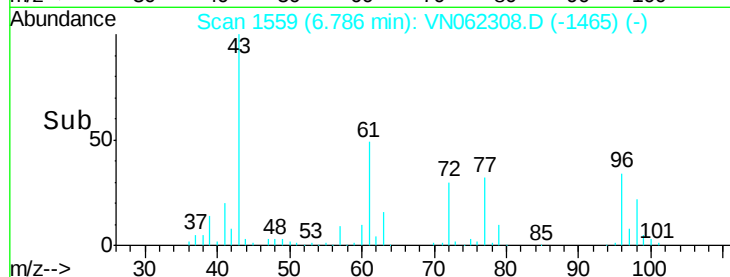
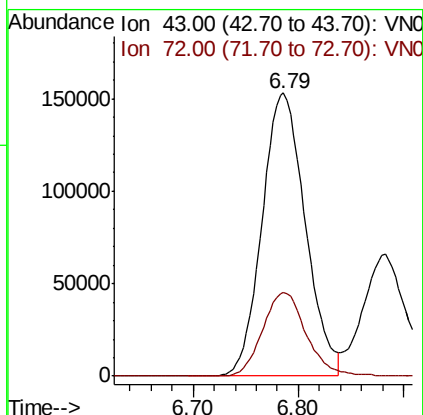
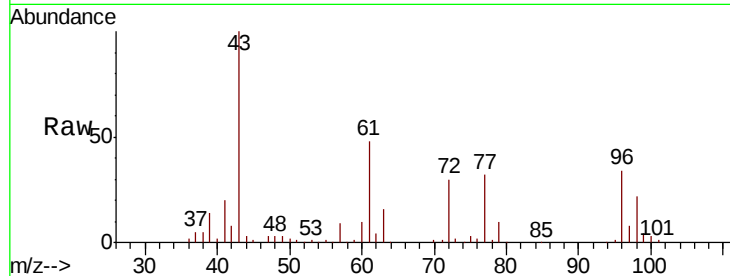




#25
2-Butanone
Concen: 297.367 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

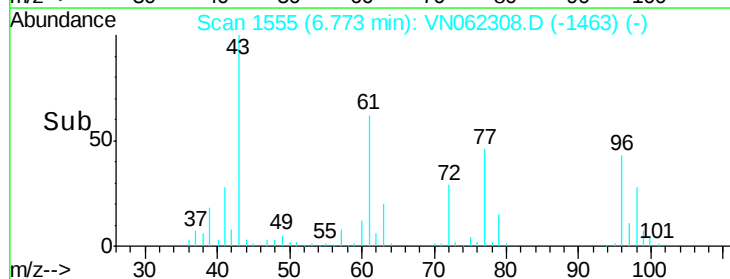
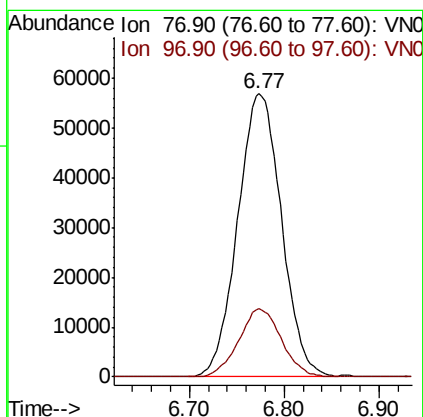
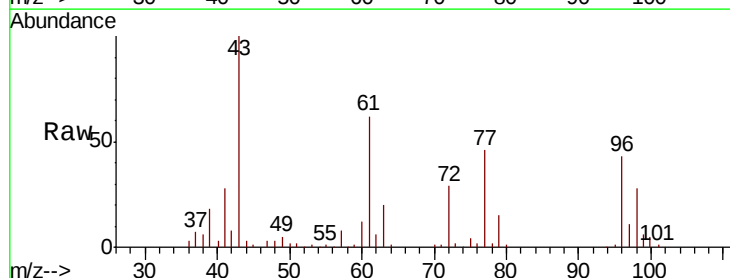
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

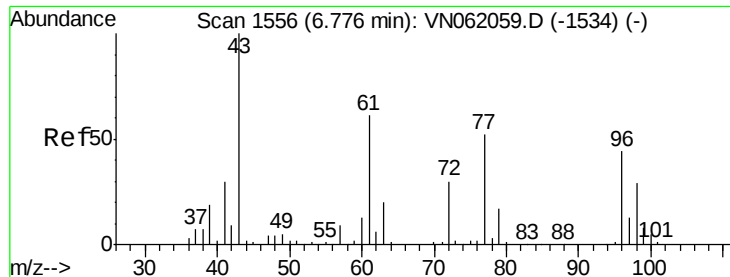
Tot Ion: 43 Resp: 435565
Ion Ratio Lower Upper
43 100
72 29.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 44.777 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 77 Resp: 182633
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 52.419 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

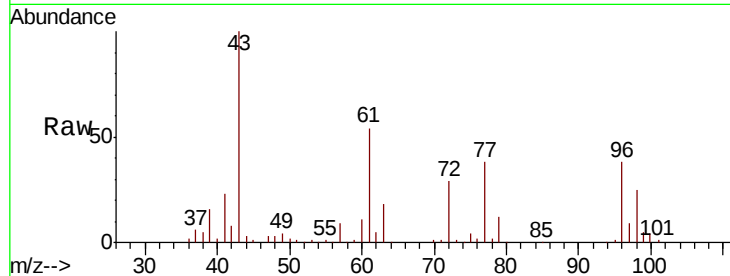
Tot Ion: 96 Resp: 164762

Ion Ratio Lower Upper

96 100

61 142.1 0.0 280.4

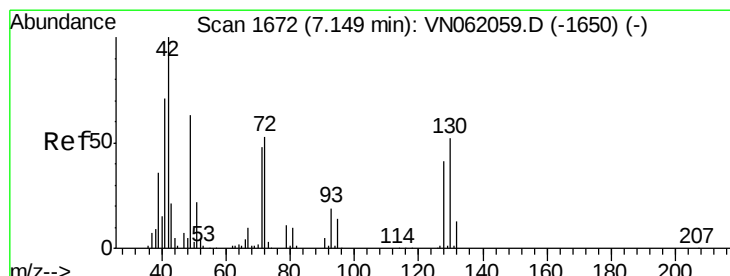
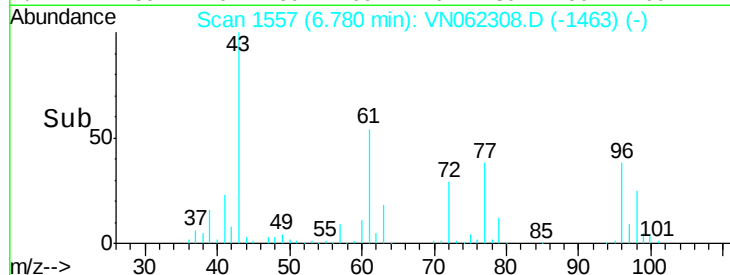
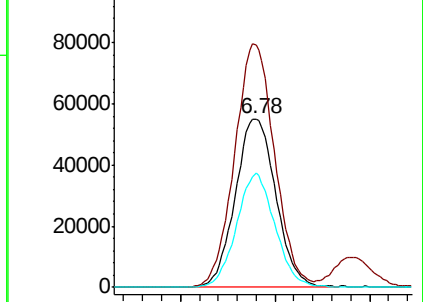
98 64.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062308.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062308.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062308.D (-1463) (-)



#28

Bromochloromethane

Concen: 53.800 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

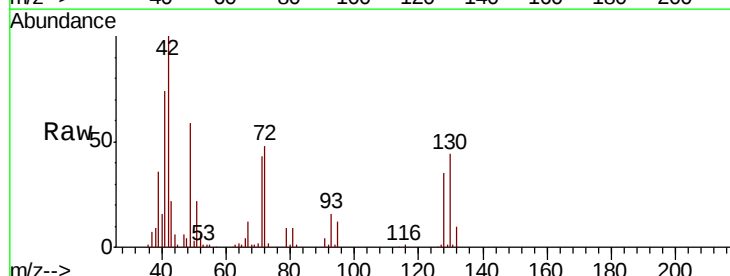
Tgt Ion: 49 Resp: 114254

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

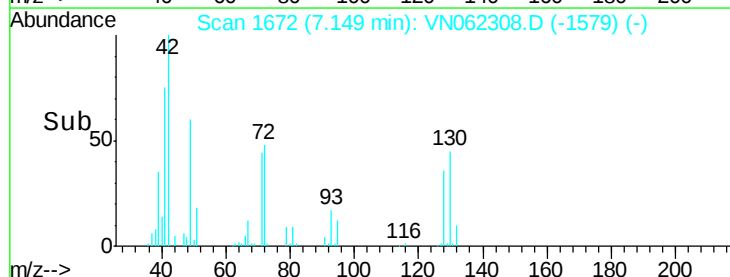
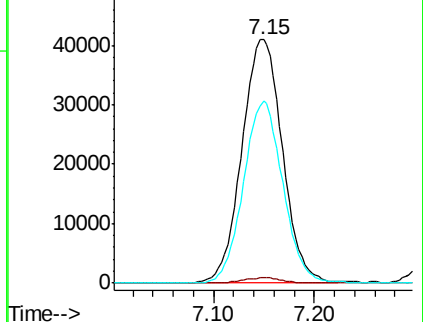
130 72.5 65.5 98.3

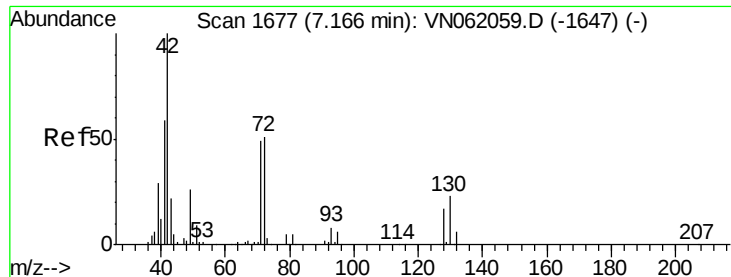


Abundance Ion 48.90 (48.60 to 49.60): VN062308.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062308.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062308.D (-1579) (-)

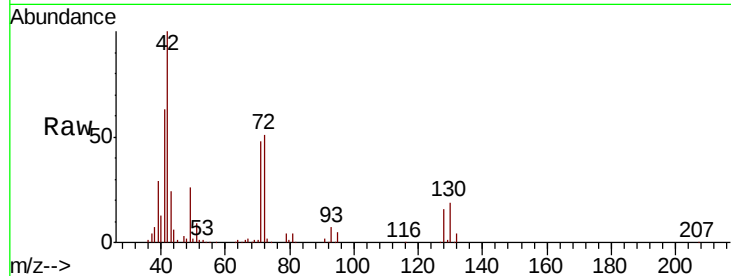




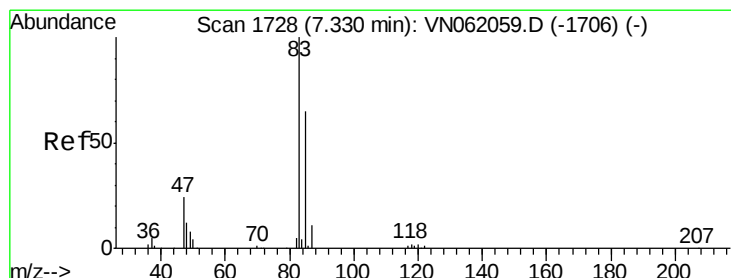
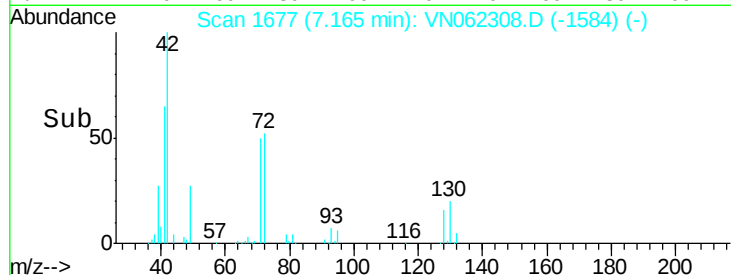
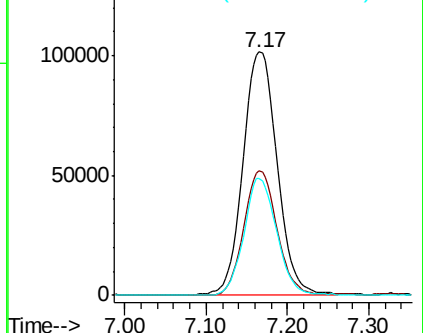
#29
Tetrahydrofuran
Concen: 304.208 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 291880
Ion Ratio Lower Upper
42 100
72 49.7 41.1 61.7
71 46.2 38.2 57.4

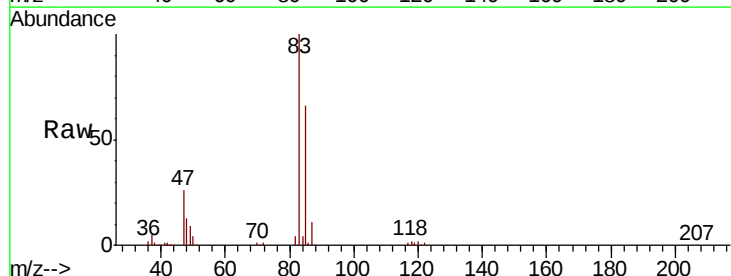


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

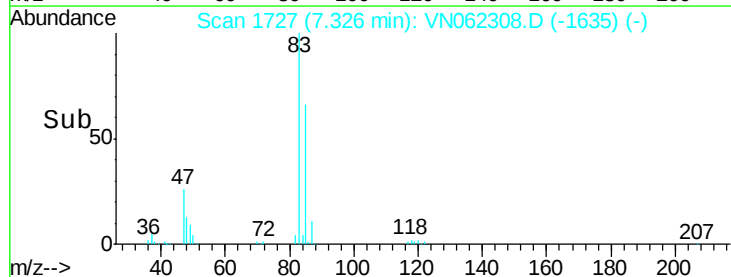
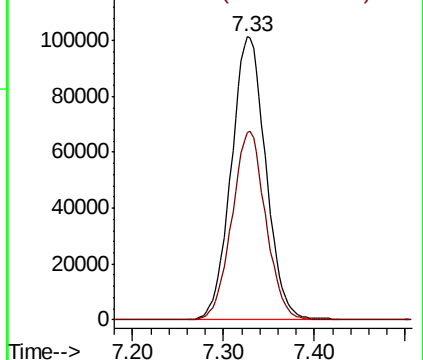


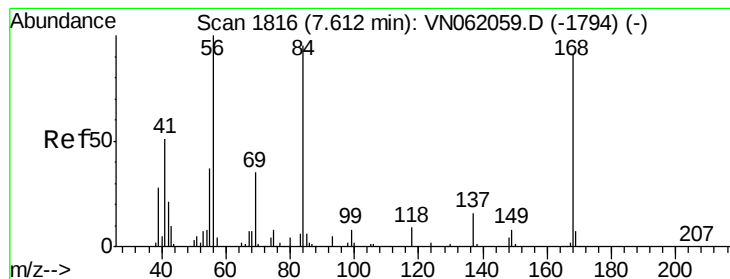
#30
Chloroform
Concen: 53.692 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 83 Resp: 267382
Ion Ratio Lower Upper
83 100
85 66.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.999 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

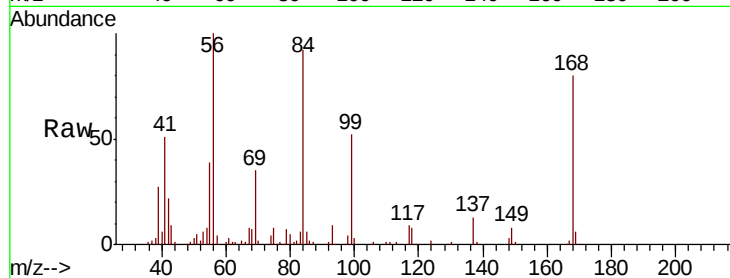
Tot Ion: 56 Resp: 215287

Ion Ratio Lower Upper

56 100

69 35.0 28.0 42.0

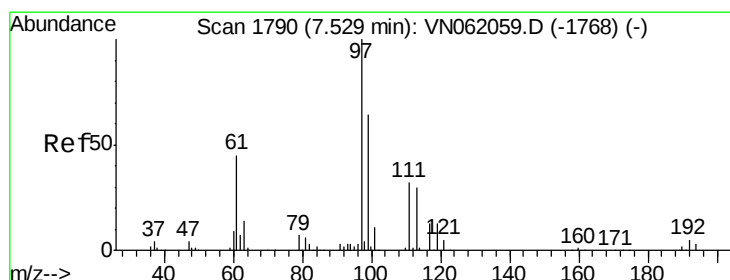
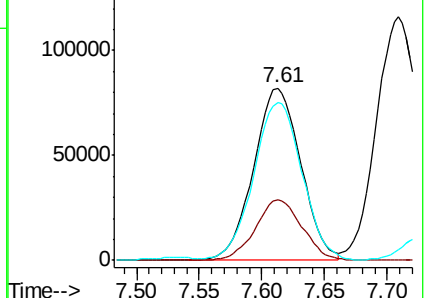
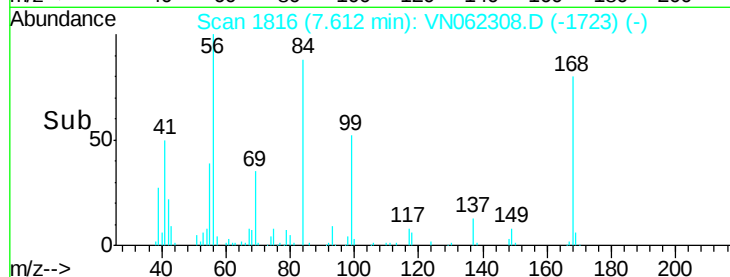
84 90.2 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062308.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062308.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062308.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 52.323 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

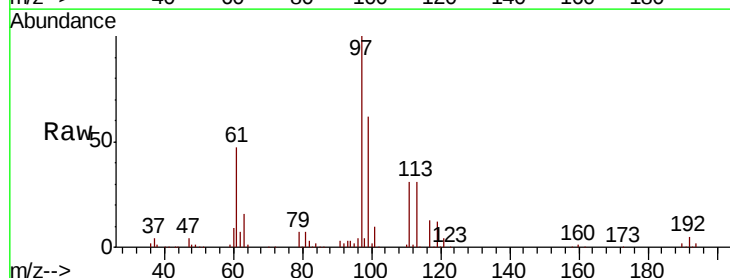
Tgt Ion: 97 Resp: 219741

Ion Ratio Lower Upper

97 100

99 62.6 51.0 76.4

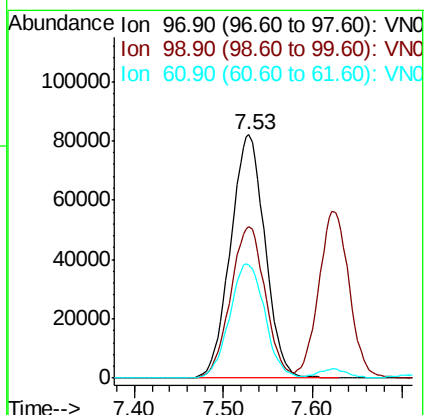
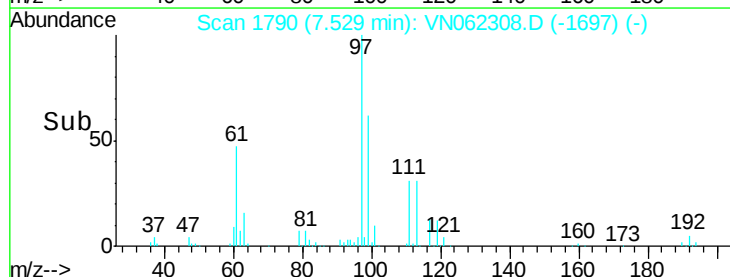
61 48.1 36.2 54.2

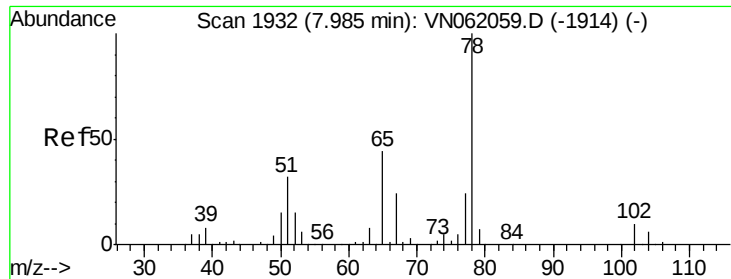


Abundance Ion 96.90 (96.60 to 97.60): VN062308.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062308.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062308.D (-1697) (-)

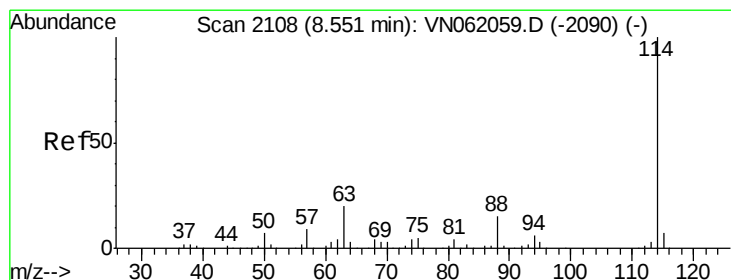
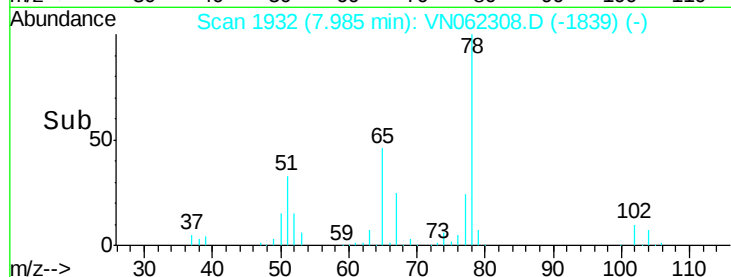
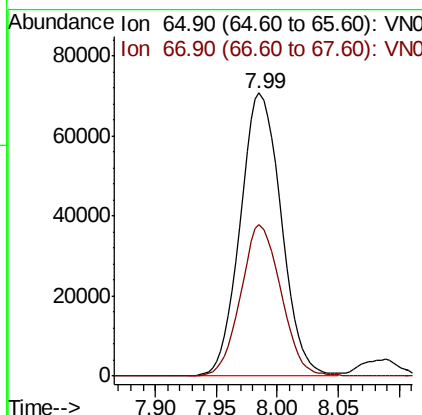
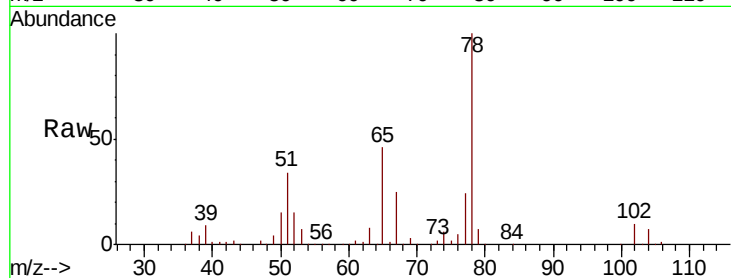




#33
 1,2-Dichloroethane-d4
 Concen: 55.047 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

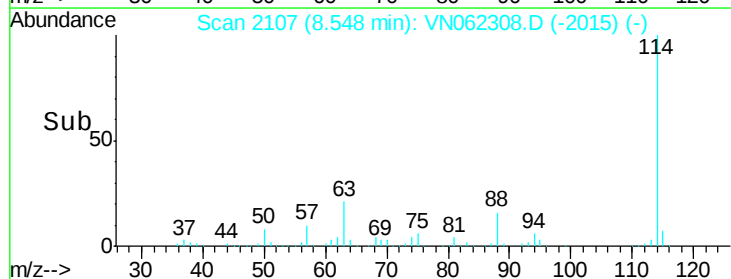
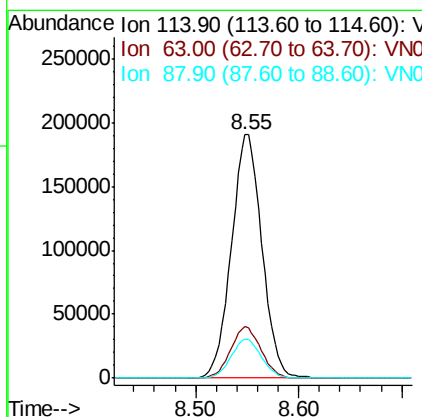
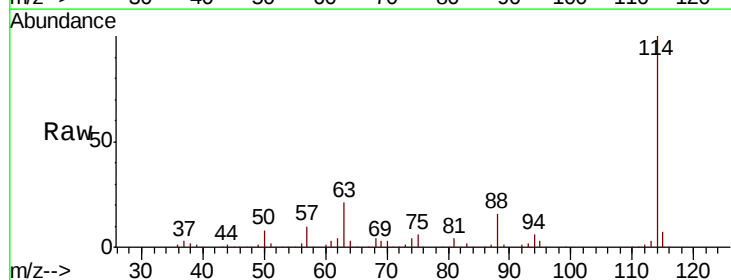
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

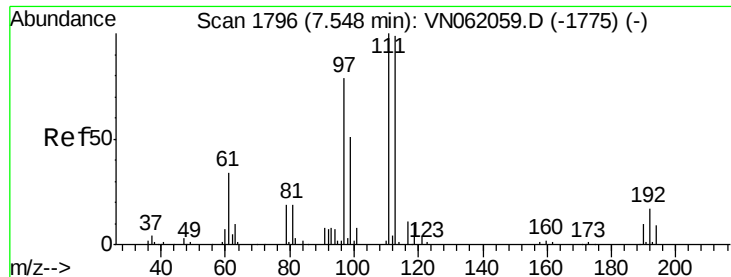
Tot Ion: 65 Resp: 164959
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 114 Resp: 393391
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 16.1 0.0 30.8

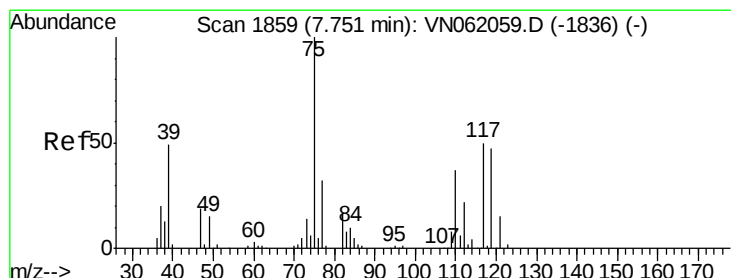
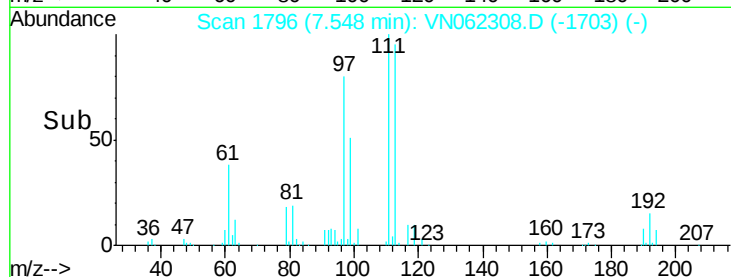
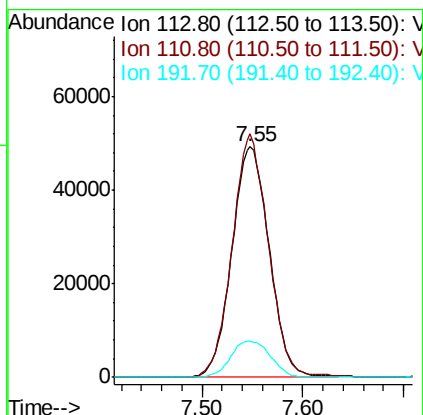
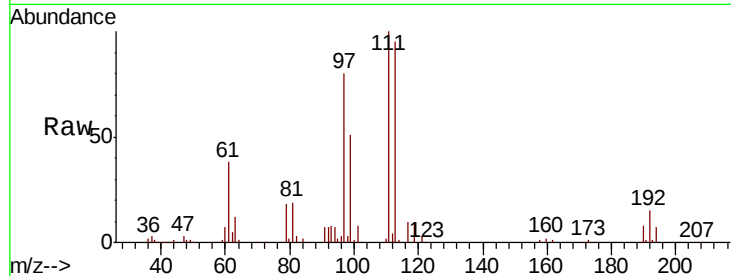




#35
Dibromofluoromethane
Concen: 50.136 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

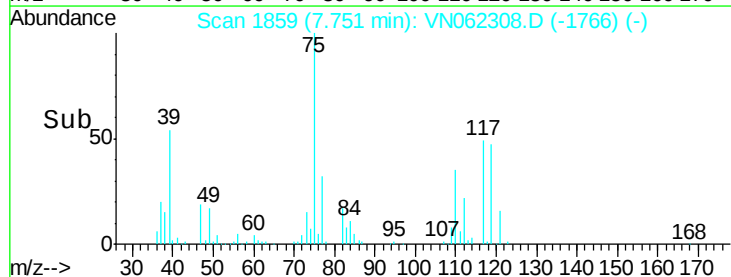
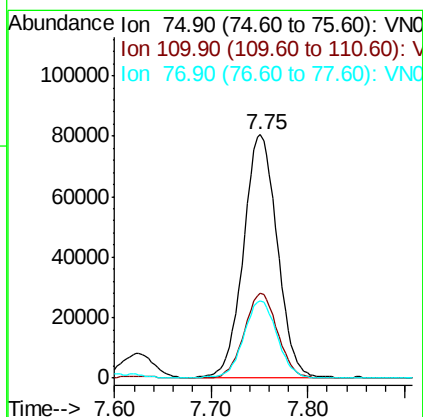
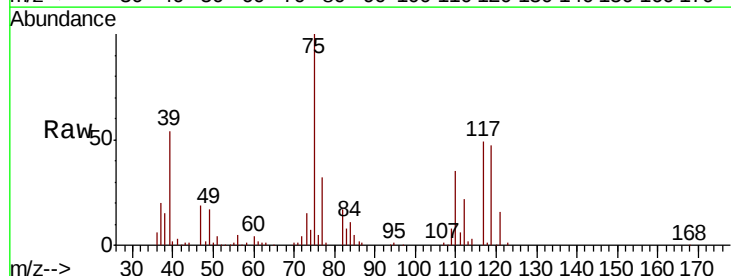
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 126533
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 49.239 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 75 Resp: 194700
Ion Ratio Lower Upper
75 100
110 34.4 17.9 53.8
77 31.6 24.9 37.3

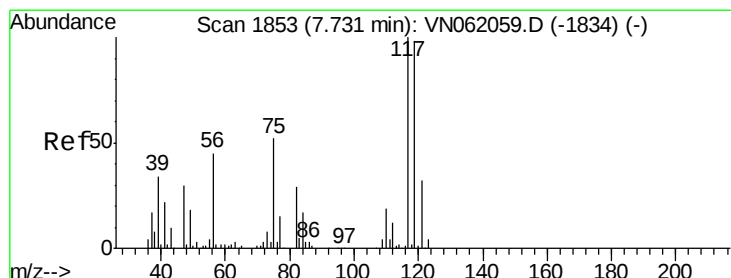
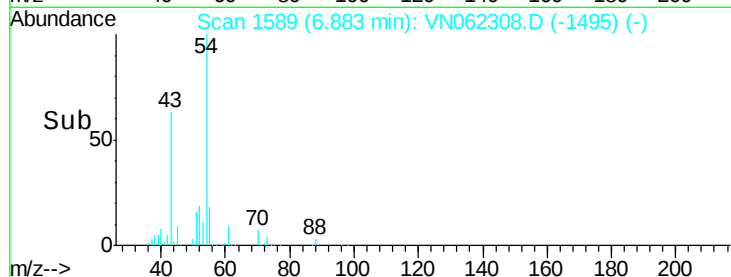
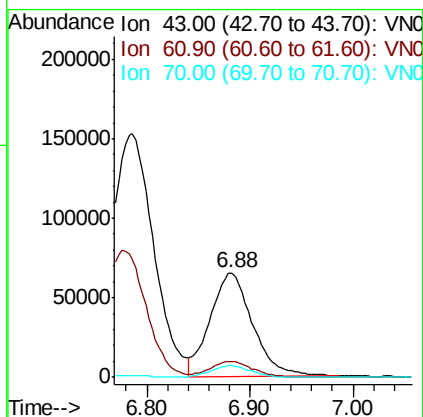
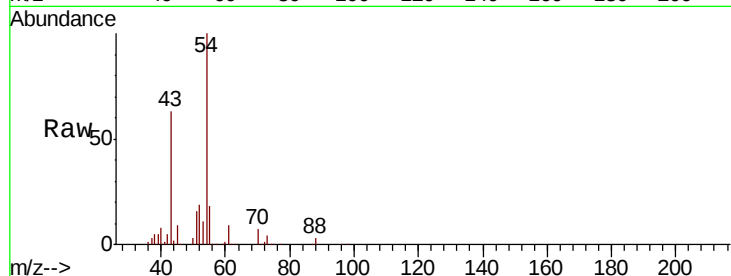




#37
Ethyl Acetate
Concen: 57.272 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

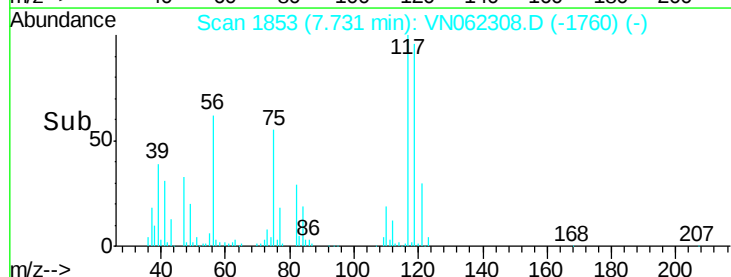
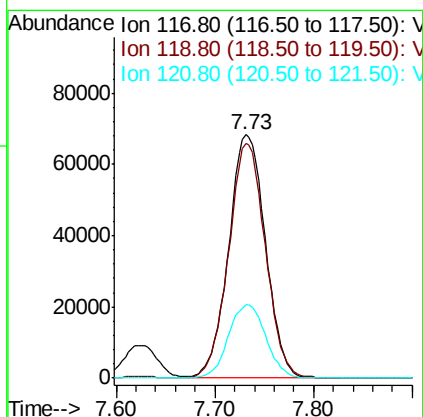
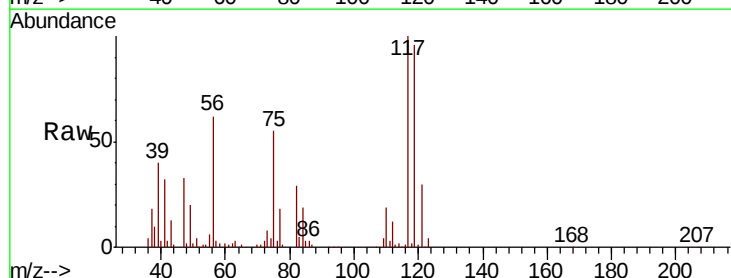
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

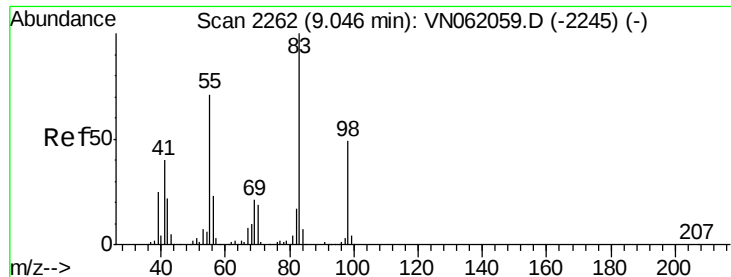
Tot Ion: 43 Resp: 187523
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.7 9.6 14.4



#38
Carbon Tetrachloride
Concen: 47.684 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 117 Resp: 177762
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 29.9 25.8 38.6

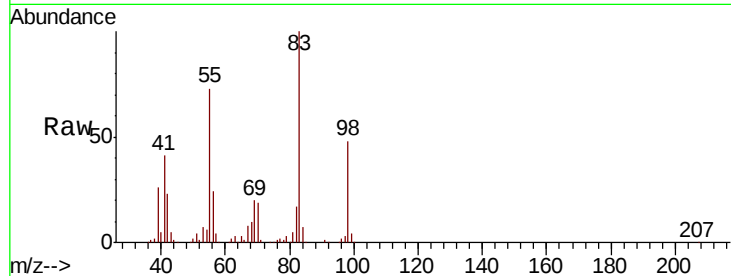




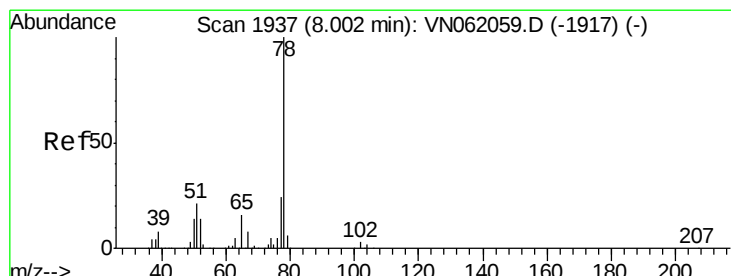
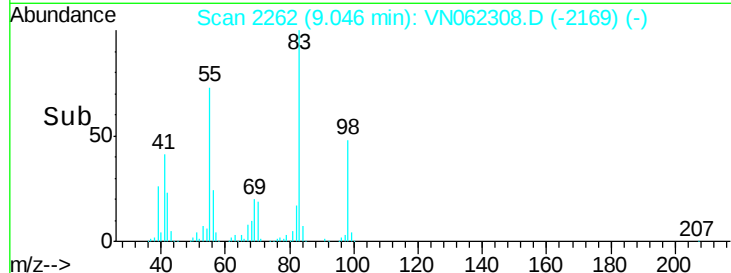
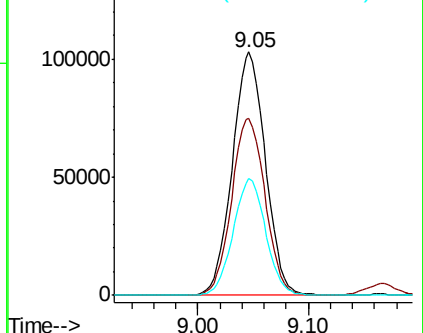
#39
Methvlcvclohexane
Concen: 49.500 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 214458
Ion Ratio Lower Upper
83 100
55 72.6 57.0 85.6
98 47.8 39.0 58.6

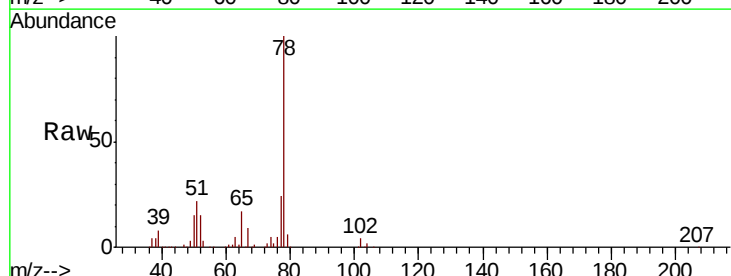


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

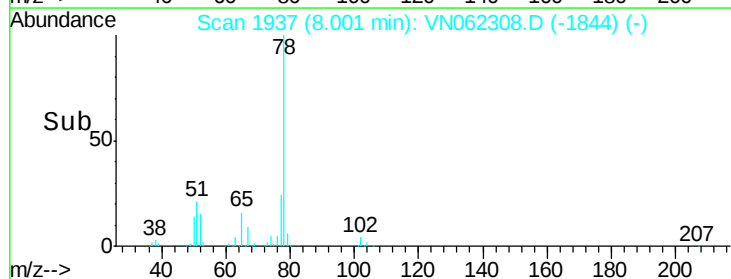
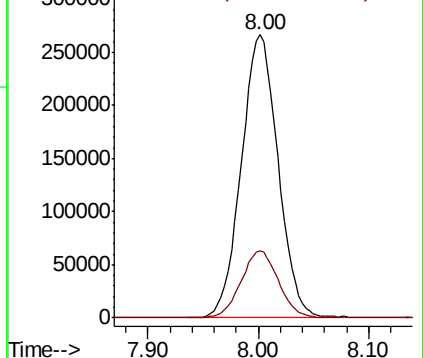


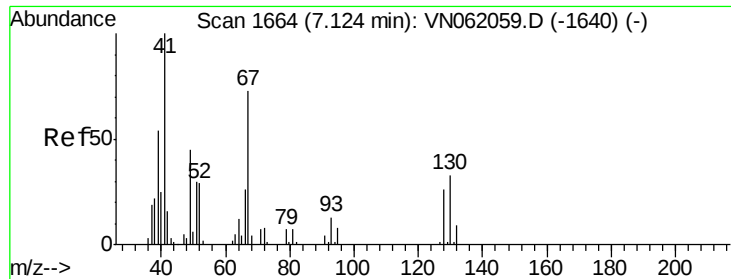
#40
Benzene
Concen: 50.984 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 78 Resp: 614464
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

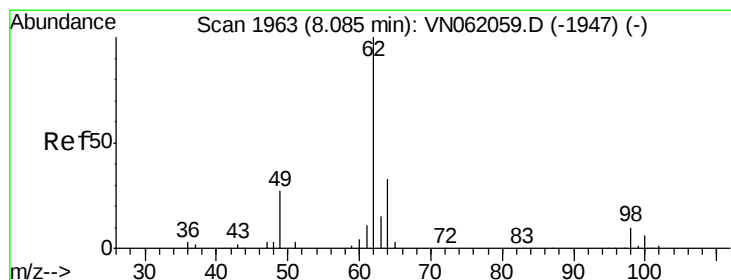
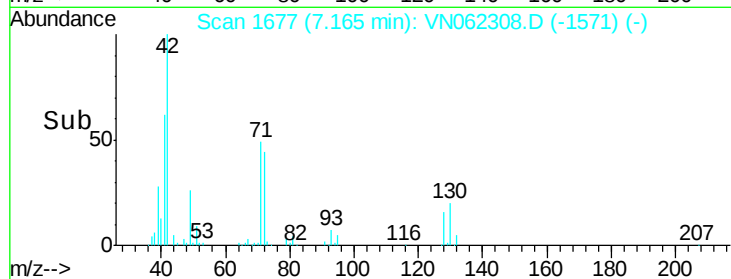
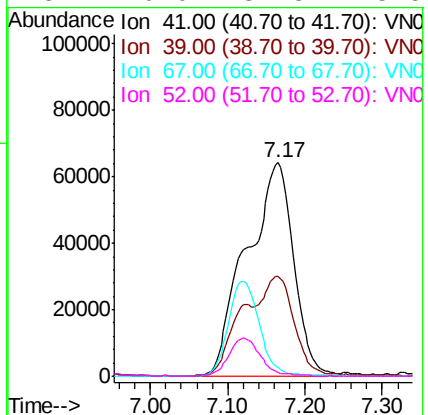
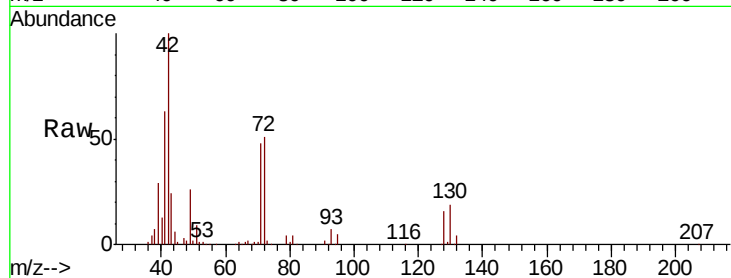




#41
Methacrylonitrile
Concen: 179.003 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

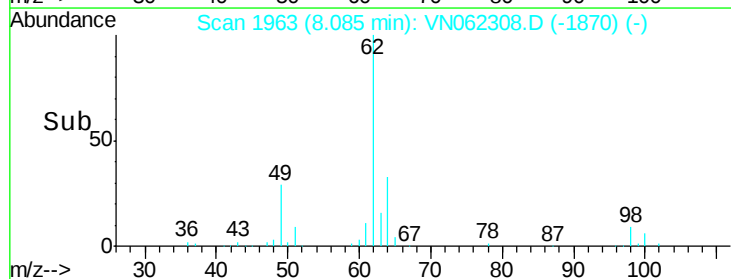
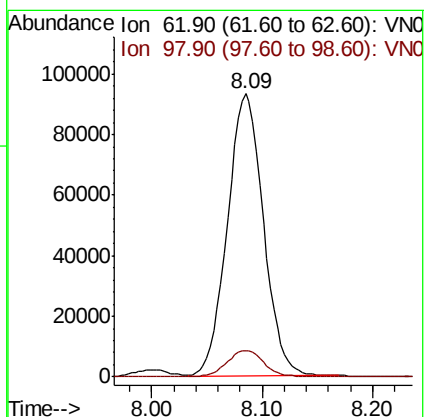
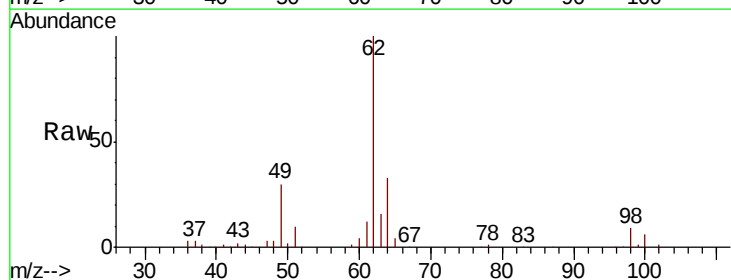
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

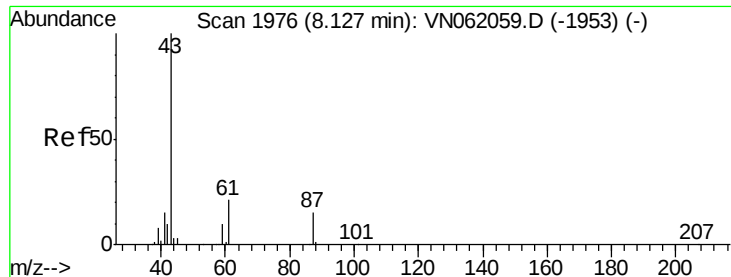
Tot Ion: 41 Resp: 271720
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 51.936 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 62 Resp: 211483
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 57.456 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

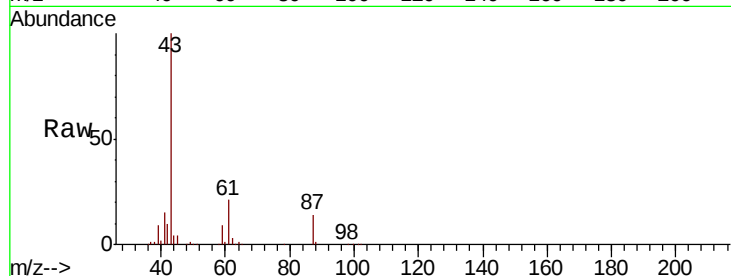
Tot Ion: 43 Resp: 306676

Ion Ratio Lower Upper

43 100

61 28.2 17.2 25.8#

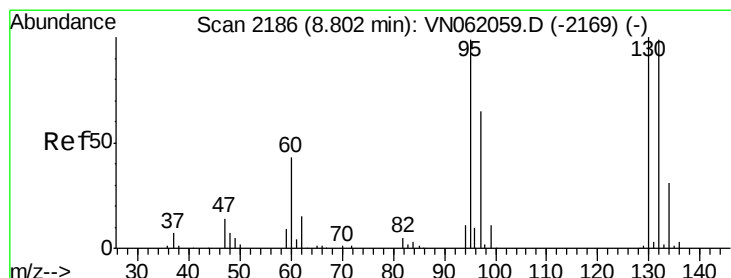
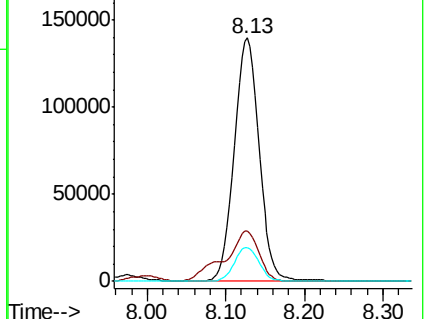
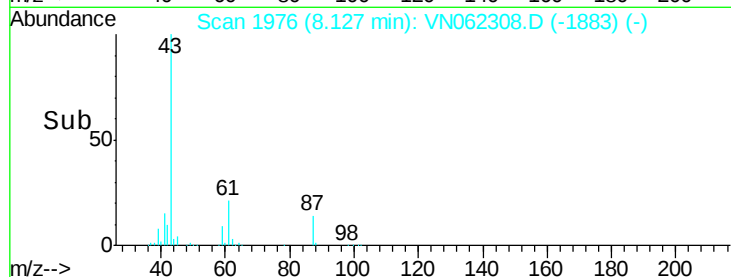
87 13.9 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062308.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062308.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062308.D (-1883) (-)



#44

Trichloroethene

Concen: 46.947 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062308.D

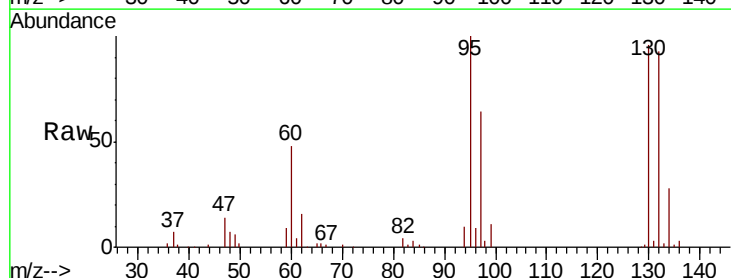
Acq: 1 Jul 2020 21:44

Tgt Ion:130 Resp: 142729

Ion Ratio Lower Upper

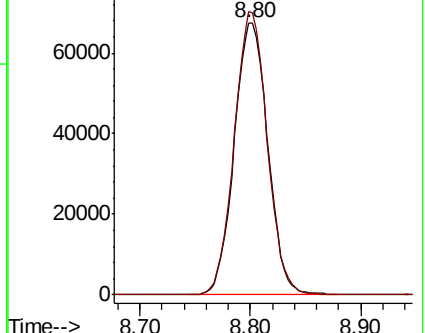
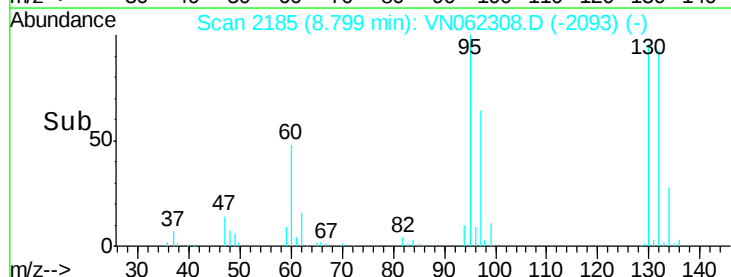
130 100

95 103.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062308.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062308.D (-2093) (-)

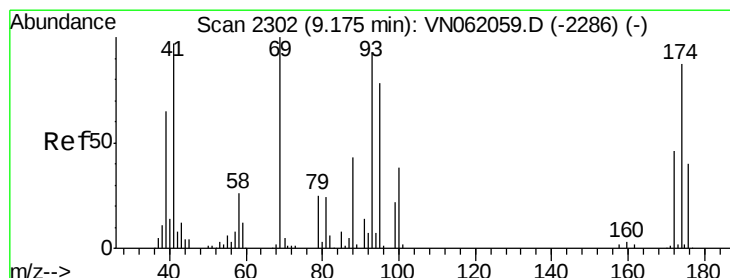
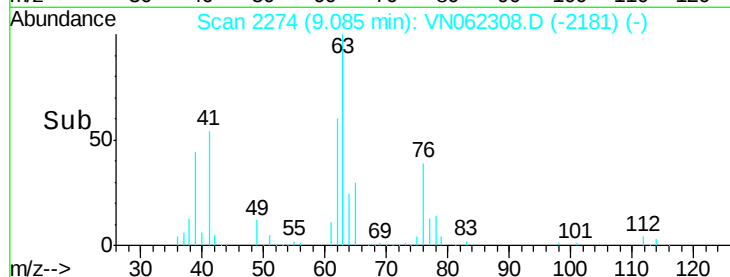
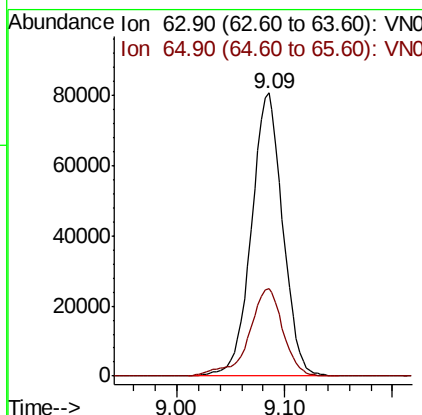
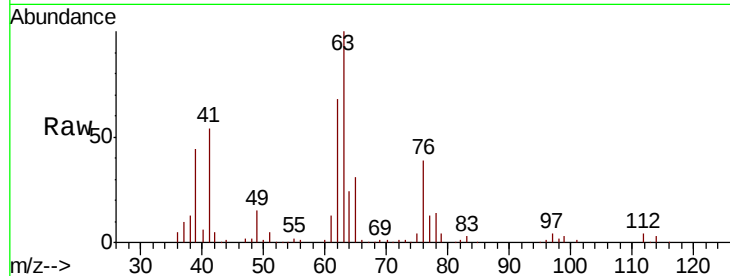




#45
 1,2-Dichloropropane
 Concen: 54.679 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

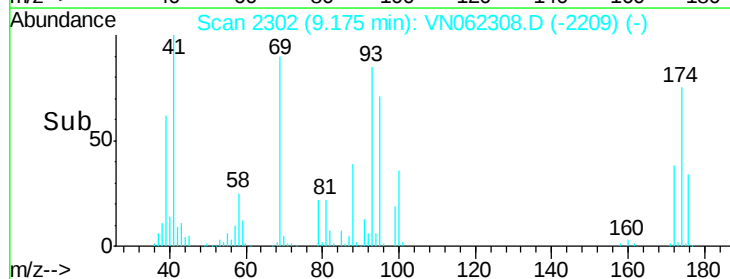
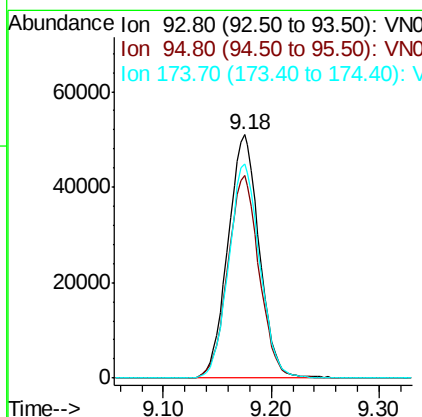
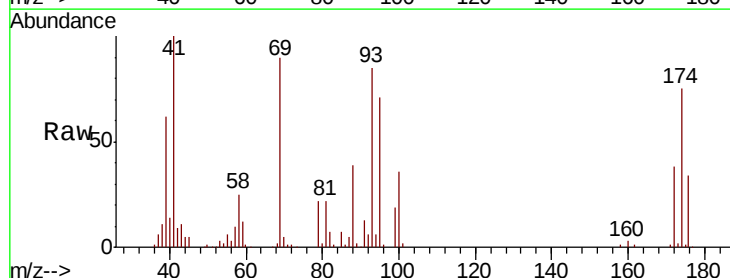
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 162579
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.4



#46
 Dibromomethane
 Concen: 51.294 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 93 Resp: 103404
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.6
 174 87.2 74.4 111.6





#47

Bromodichloromethane

Concen: 52.970 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

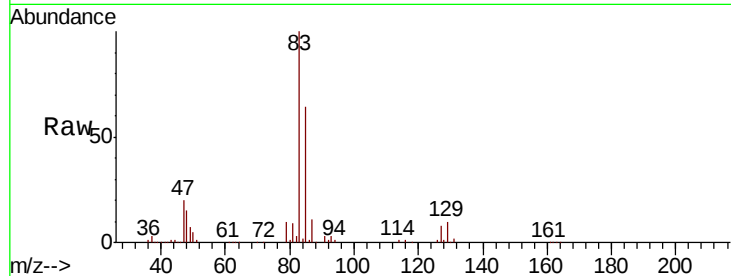
Tot Ion: 83 Resp: 215613

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

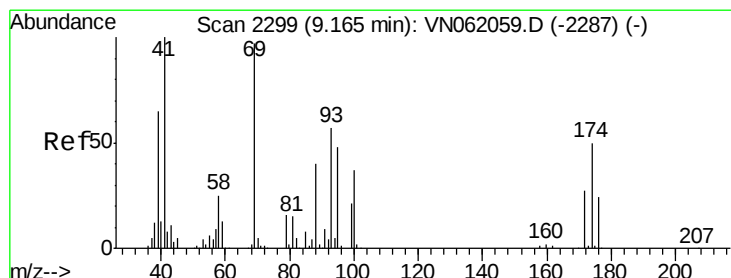
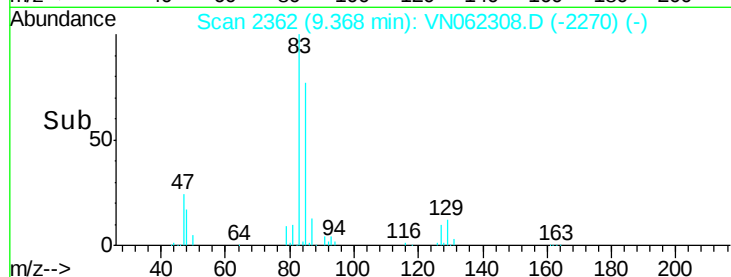
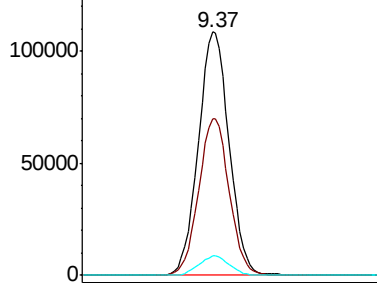
127 8.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062308.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062308.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062308.D (-2270) (-)



#48

Methyl methacrylate

Concen: 60.830 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

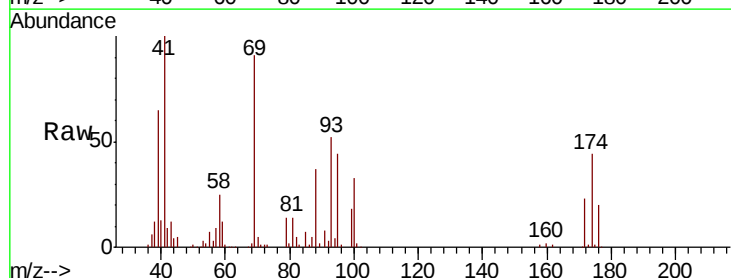
Tgt Ion: 41 Resp: 145579

Ion Ratio Lower Upper

41 100

69 92.1 80.7 121.1

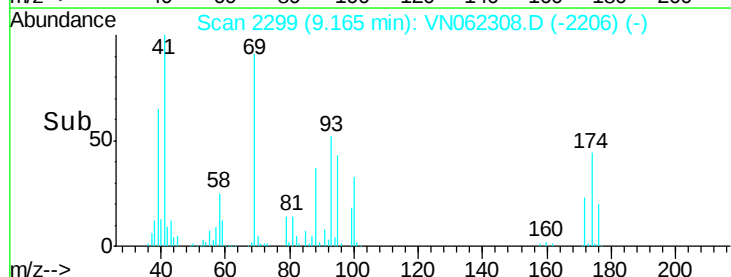
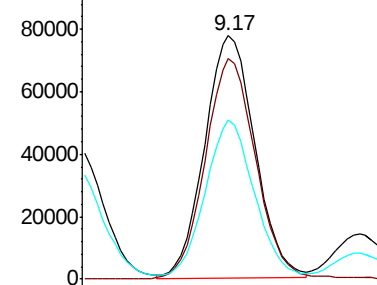
39 64.7 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062308.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062308.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062308.D (-2206) (-)

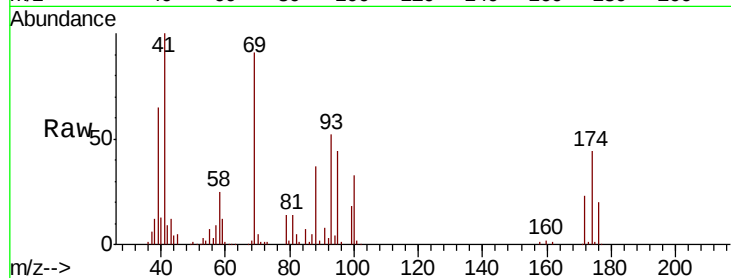




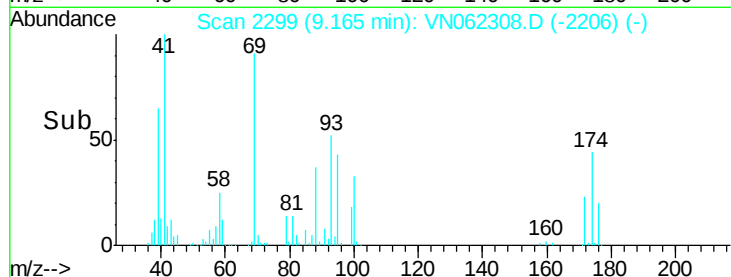
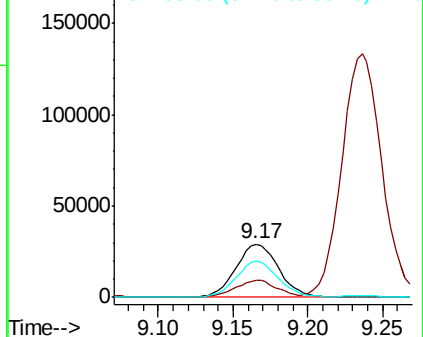
#49
 1,4-Dioxane
 Concen: 1095.102 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 58120
 Ion Ratio Lower Upper
 88 100
 43 31.2 22.0 33.0
 58 67.2 49.2 73.8

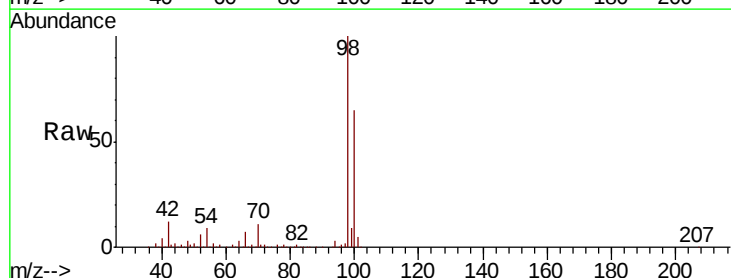


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

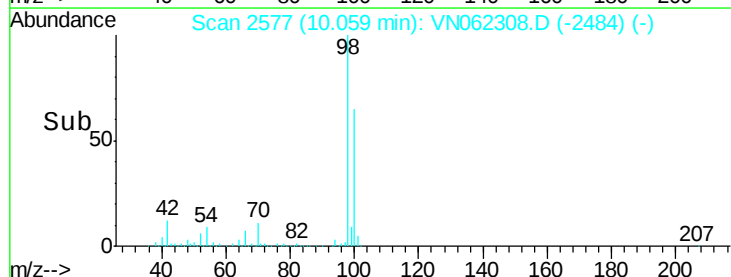
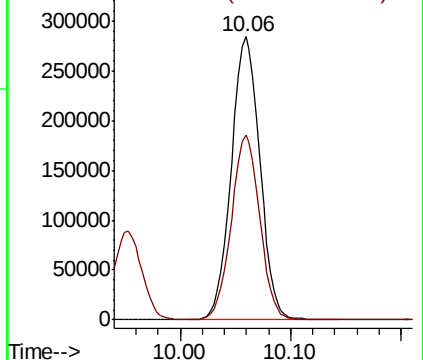


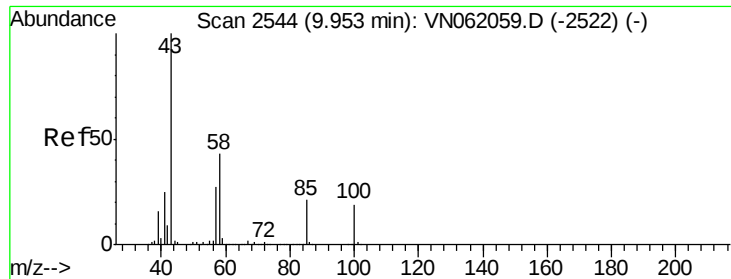
#50
 Toluene-d8
 Concen: 50.849 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 98 Resp: 512991
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.2 76.8



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: 303.063 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

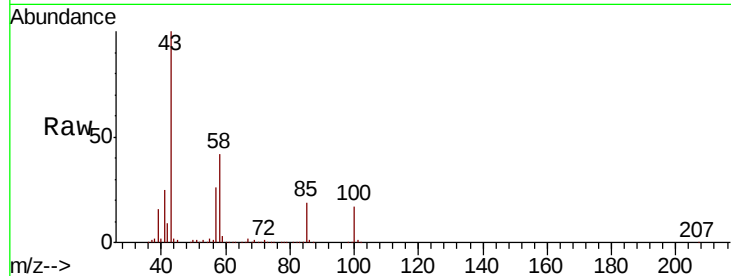
VSTDCCC050EC

Tot Ion: 43 Resp: 945109

Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

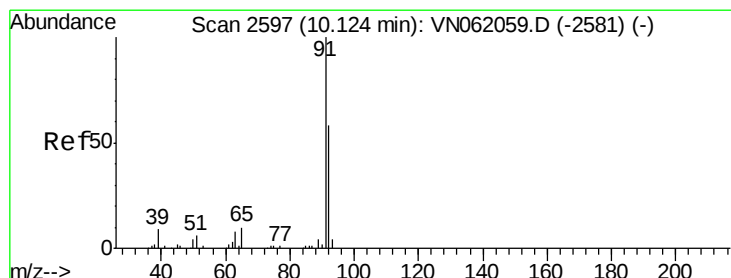
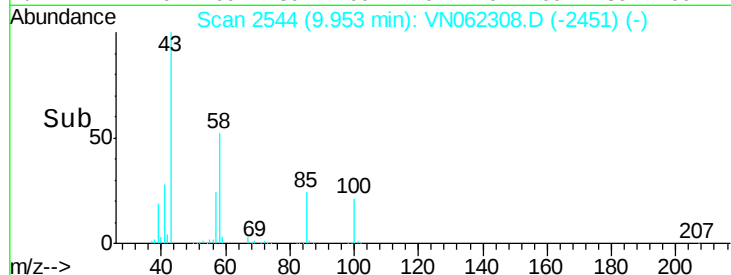
200000

100000

0

9.95

Time-->



#52

Toluene

Concen: 52.028 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062308.D

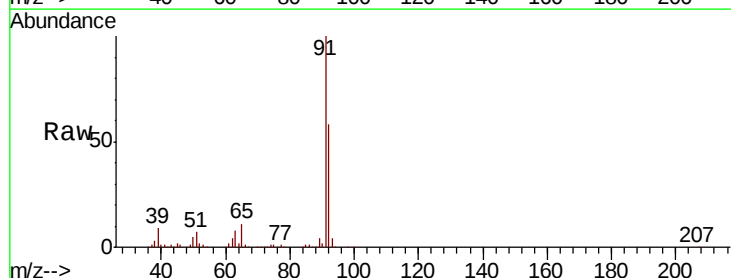
Acq: 1 Jul 2020 21:44

Tgt Ion: 92 Resp: 382596

Ion Ratio Lower Upper

92 100

91 174.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

400000

300000

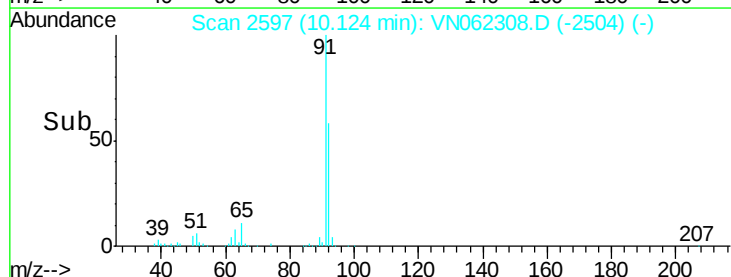
200000

100000

0

10.12

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.995 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

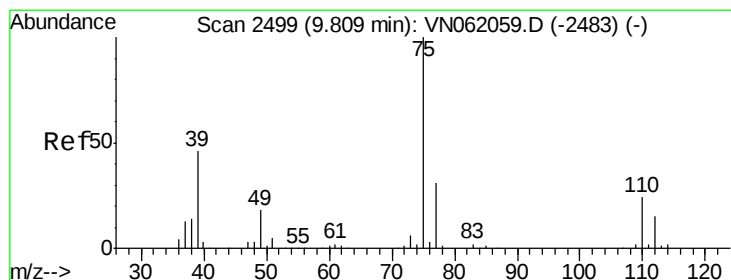
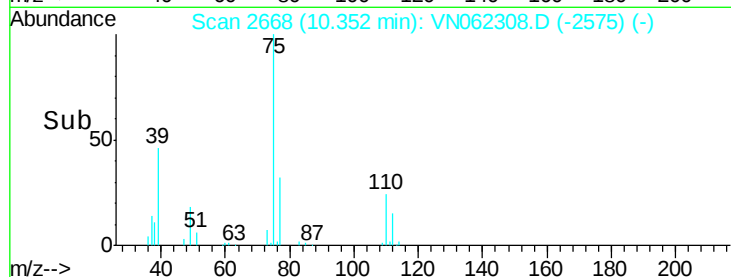
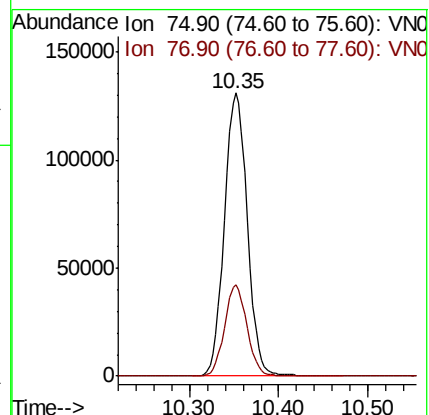
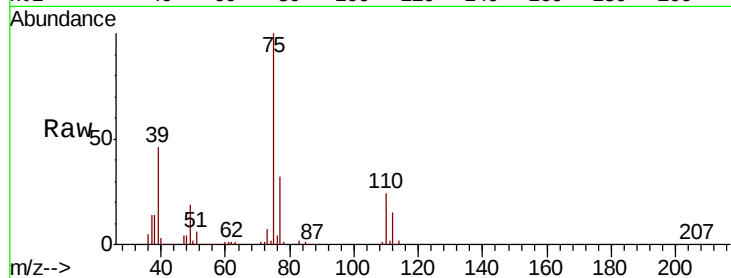
VSTDCCC050EC

Tot Ion: 75 Resp: 232844

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.648 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

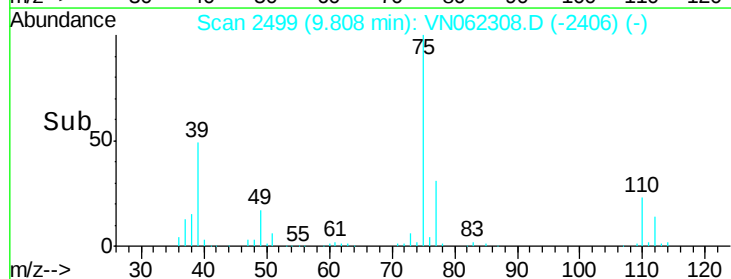
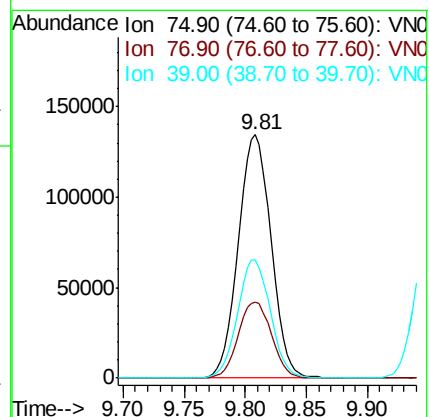
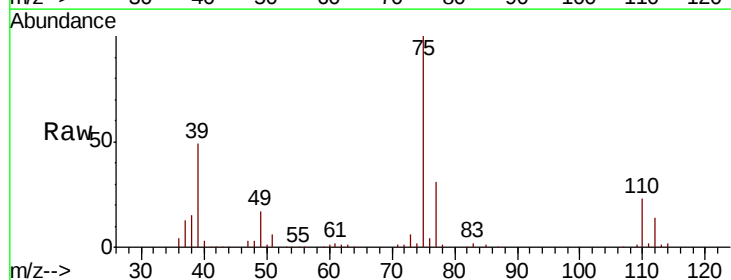
Tgt Ion: 75 Resp: 251009

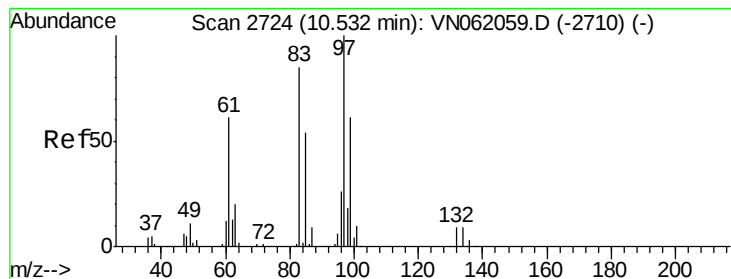
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 48.4 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 53.281 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 154017

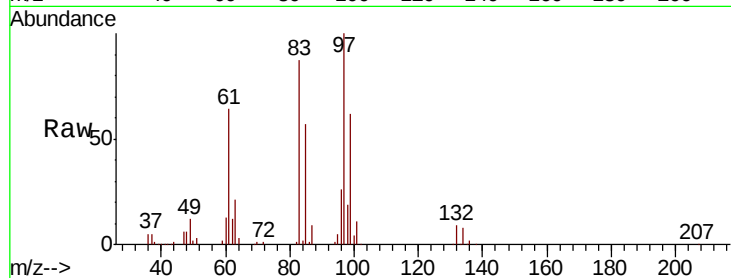
Ion Ratio Lower Upper

97 100

83 86.6 68.2 102.2

85 57.1 43.2 64.8

99 61.9 48.5 72.7

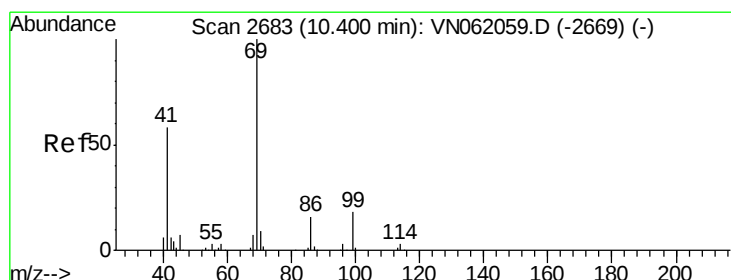
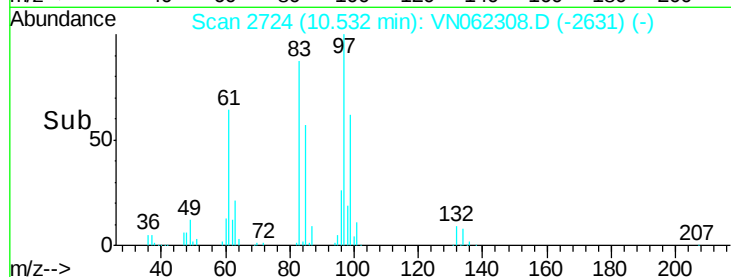
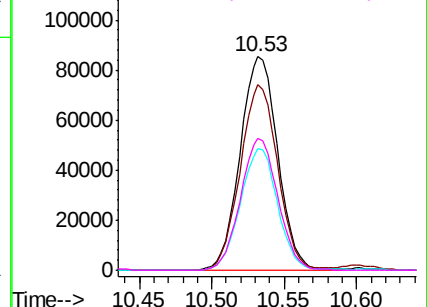


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 59.071 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

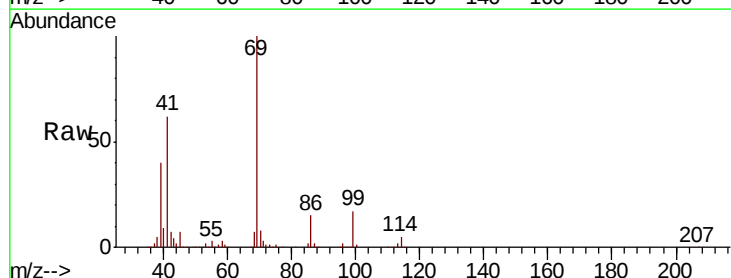
Tgt Ion: 69 Resp: 227876

Ion Ratio Lower Upper

69 100

41 60.5 46.6 70.0

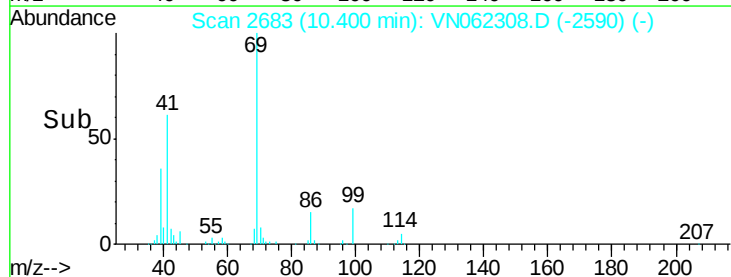
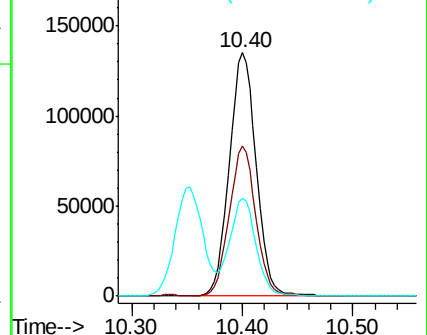
39 39.5 31.0 46.4

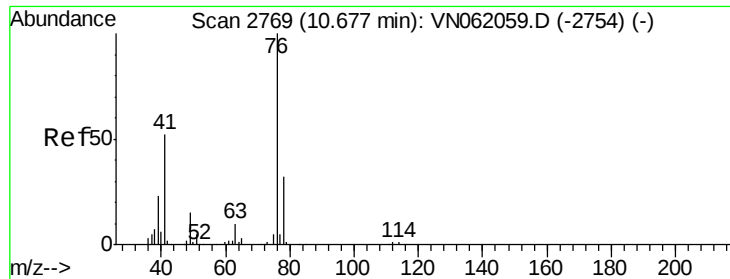


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

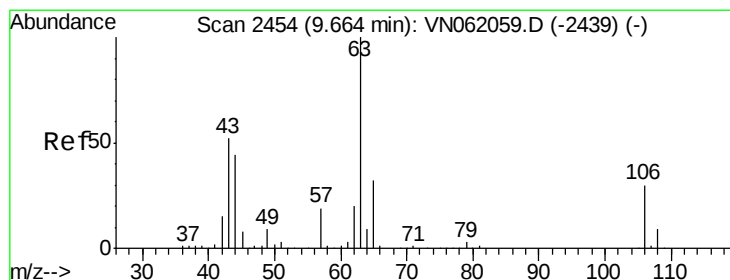
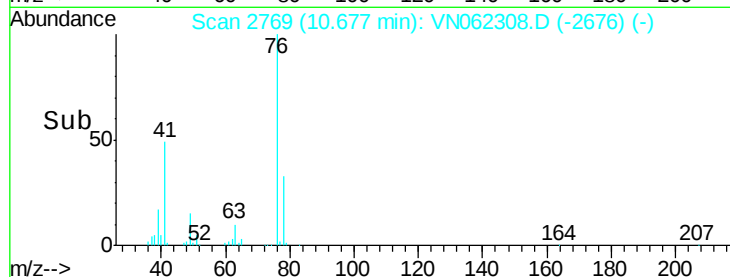
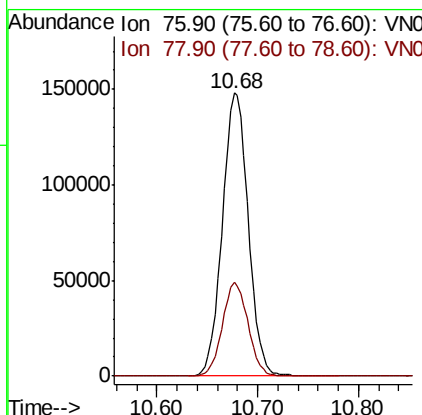
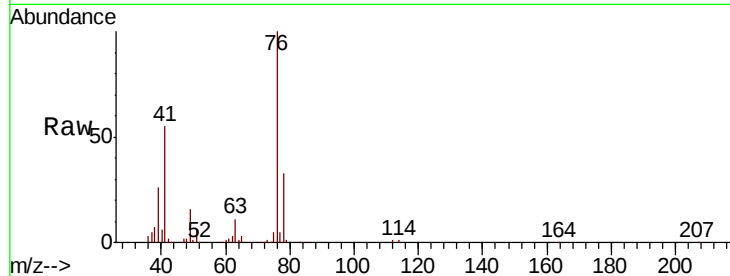




#57
 1,3-Dichloropropane
 Concen: 53.464 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

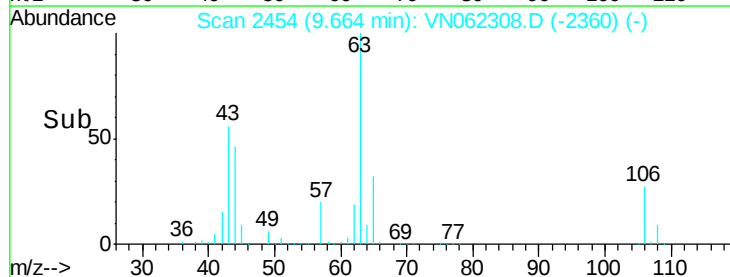
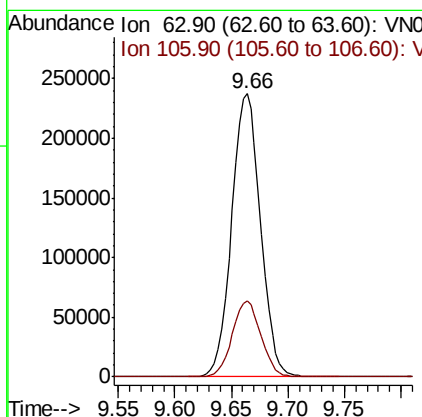
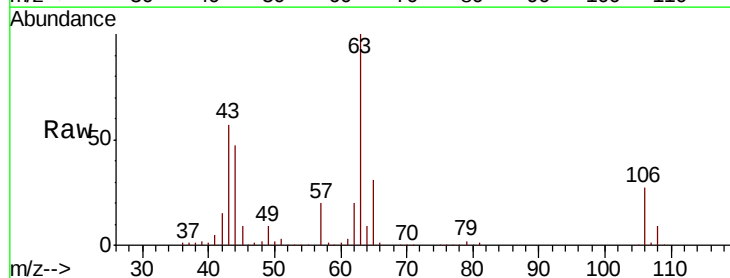
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

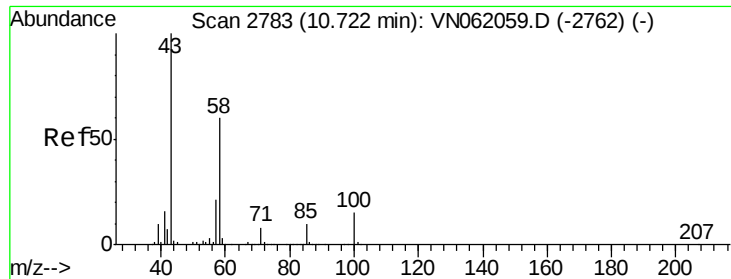
Tot Ion: 76 Resp: 266013
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.904 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 63 Resp: 420972
 Ion Ratio Lower Upper
 63 100
 106 26.8 23.2 34.8

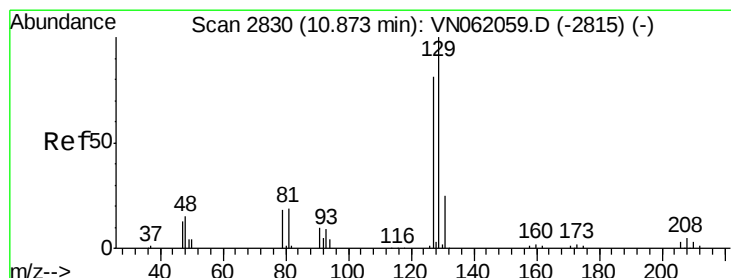
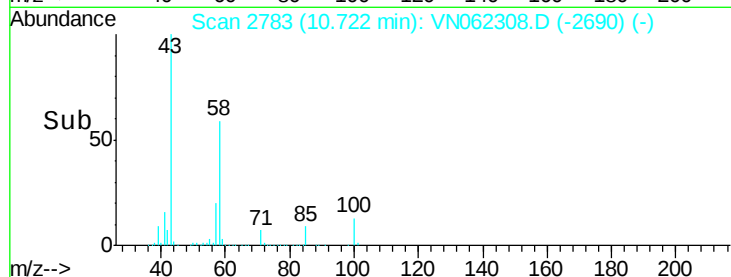
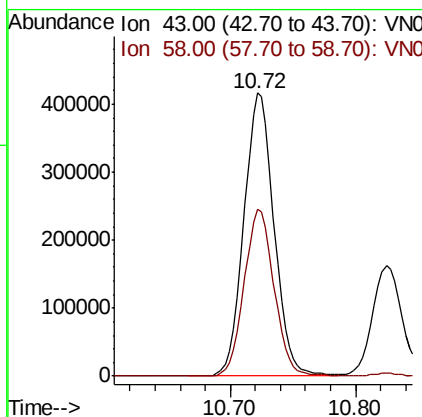
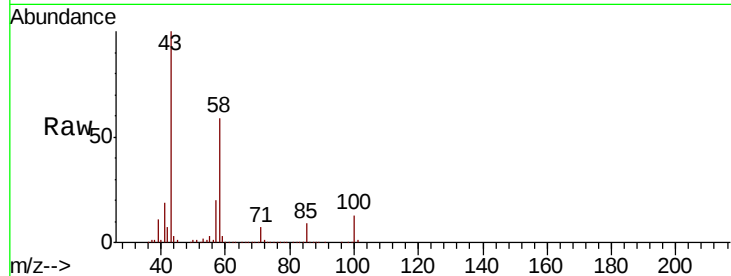




#59
2-Hexanone
Concen: 309.030 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

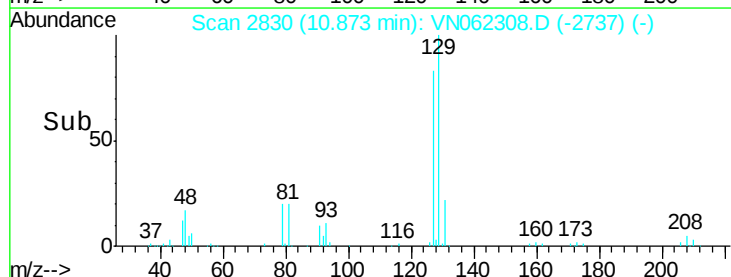
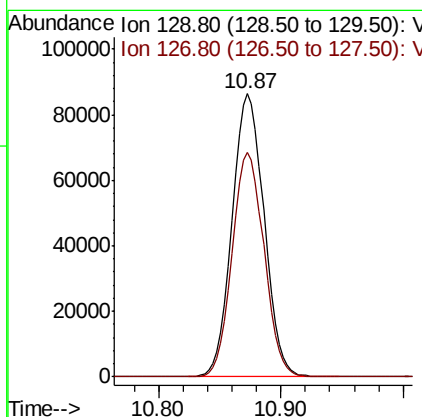
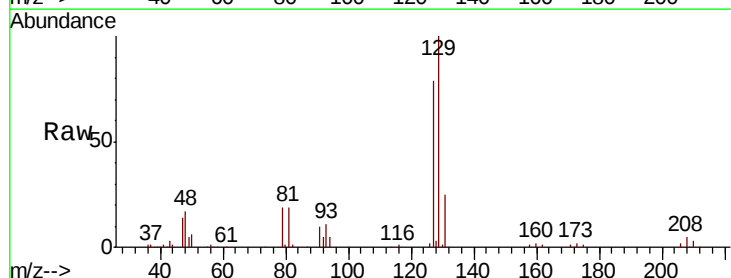
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

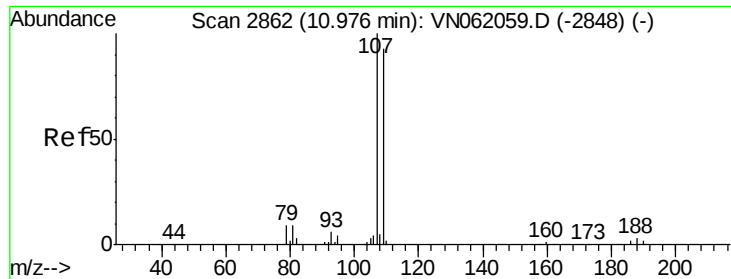
Tot Ion: 43 Resp: 695898
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.5



#60
Dibromochloromethane
Concen: 51.466 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 129 Resp: 157505
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5

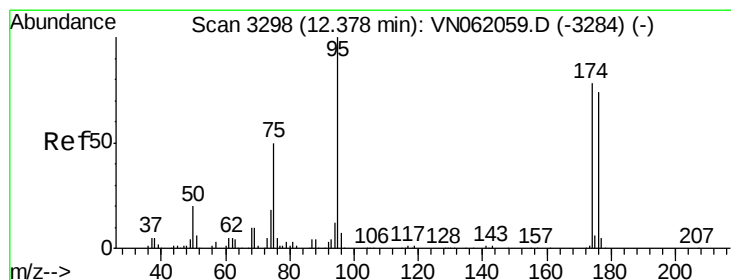
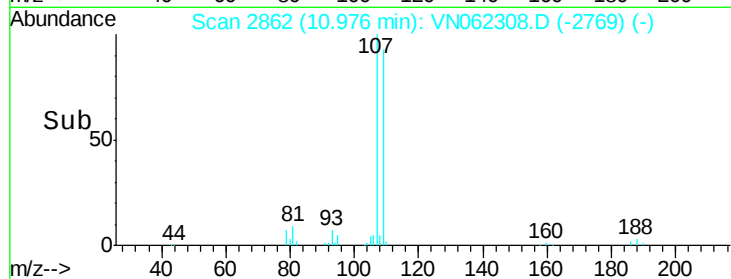
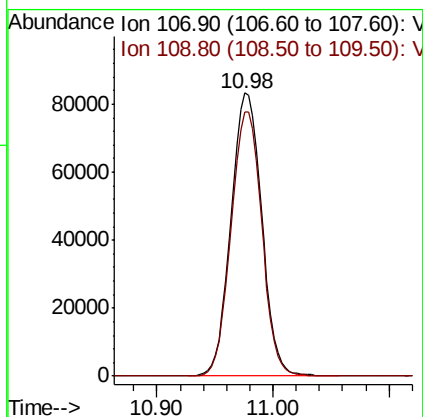
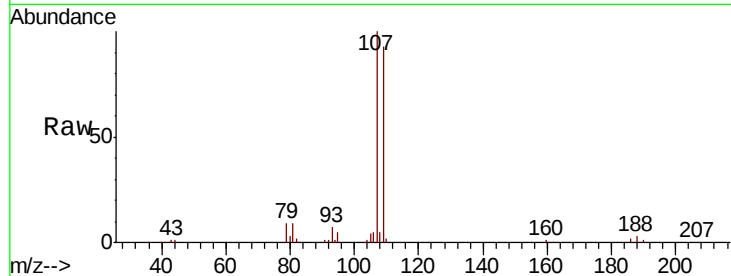




#61
 1,2-Dibromoethane
 Concen: 51.377 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

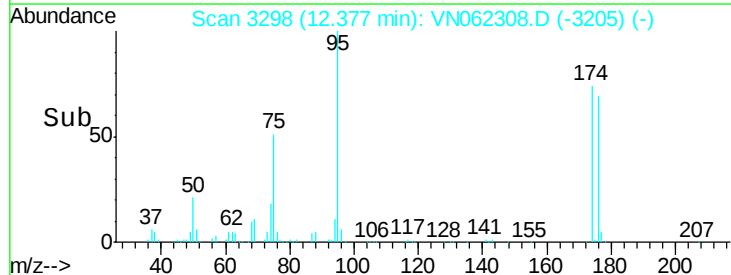
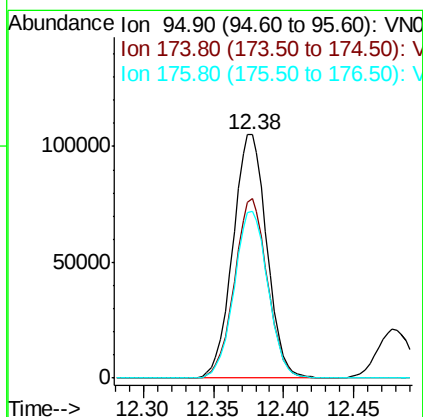
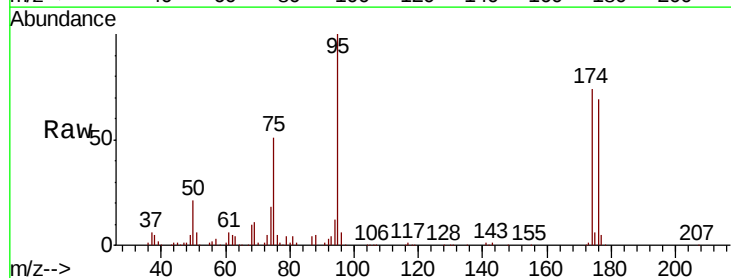
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

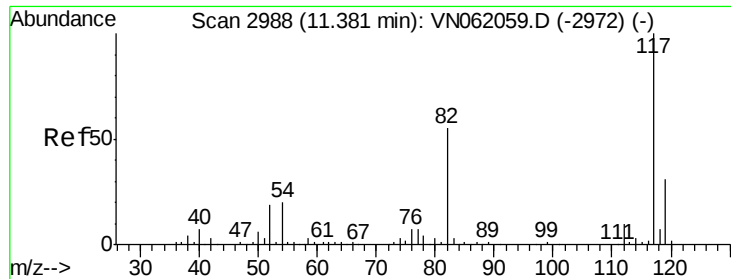
Tot Ion:107 Resp: 152598
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.929 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 95 Resp: 176999
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 154.8
 176 68.3 0.0 147.4

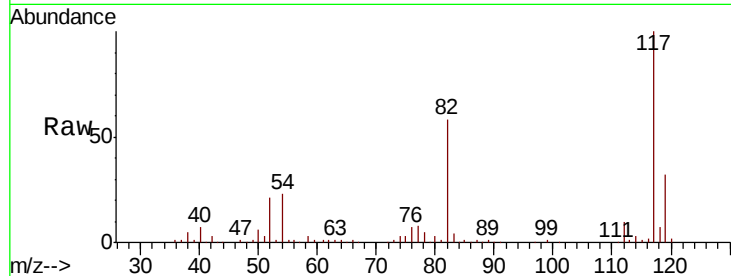




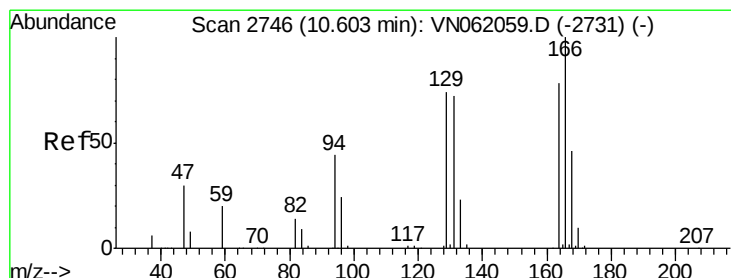
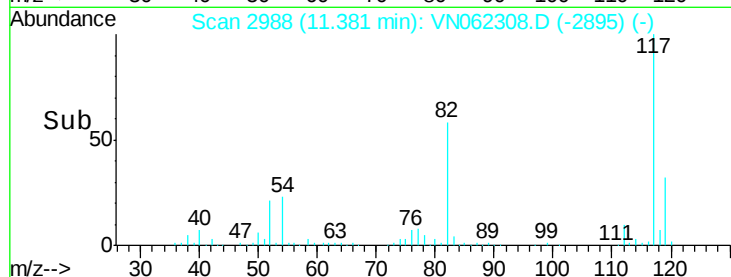
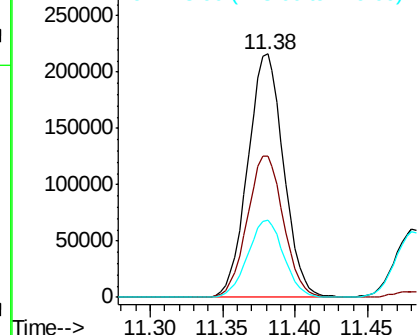
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 372226
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.6 25.2 37.8

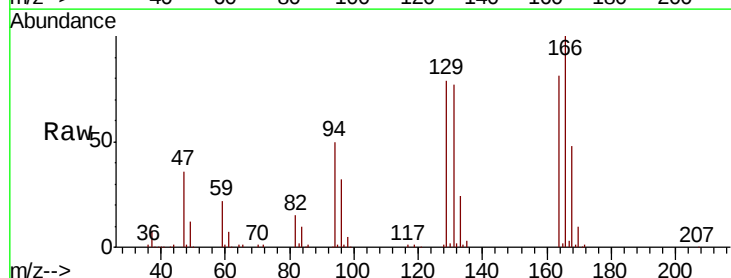


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

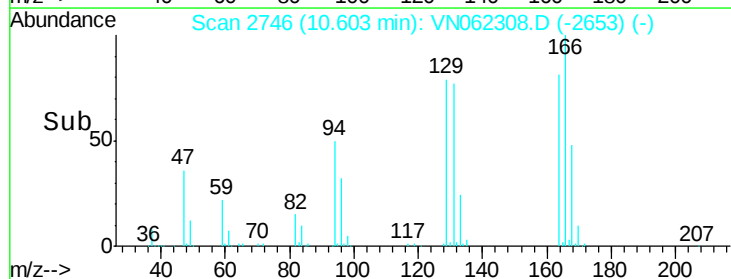
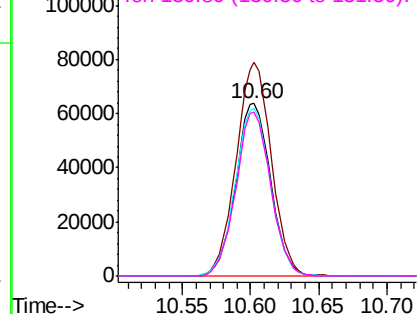


#64
Tetrachloroethene
Concen: 44.675 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion:164 Resp: 113593
Ion Ratio Lower Upper
164 100
166 123.7 102.9 154.3
129 97.2 75.8 113.8
131 94.7 73.8 110.6



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: 48.881 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

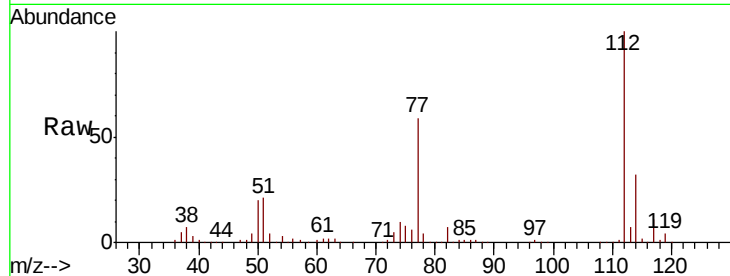
VSTDCCC050EC

Tot Ion:112 Resp: 399558

Ion Ratio Lower Upper

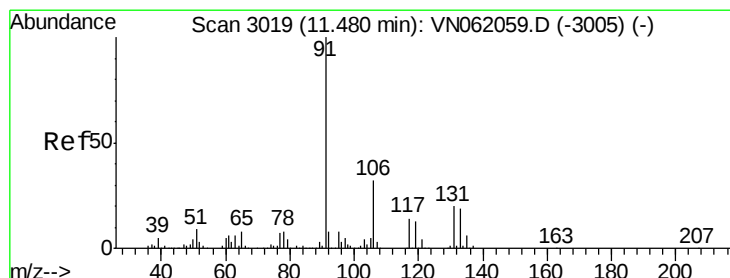
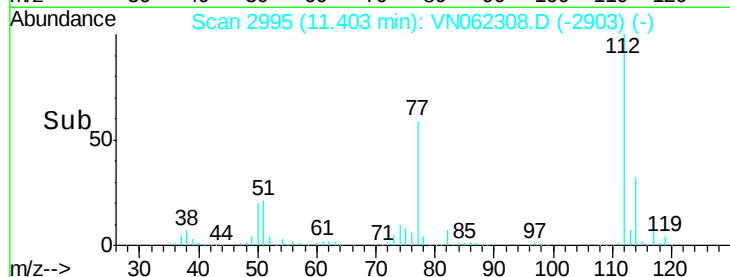
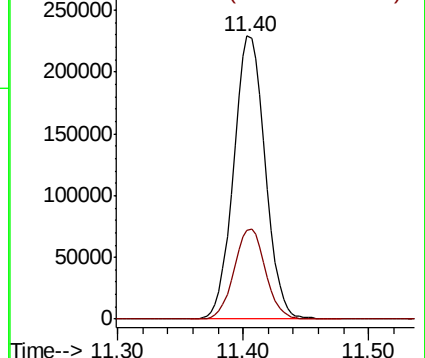
112 100

114 31.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.201 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

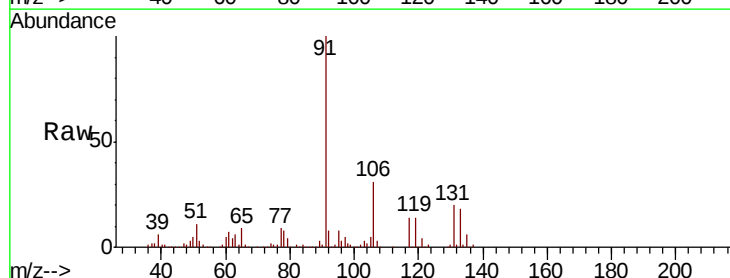
Tgt Ion:131 Resp: 141894

Ion Ratio Lower Upper

131 100

133 93.8 47.6 142.9

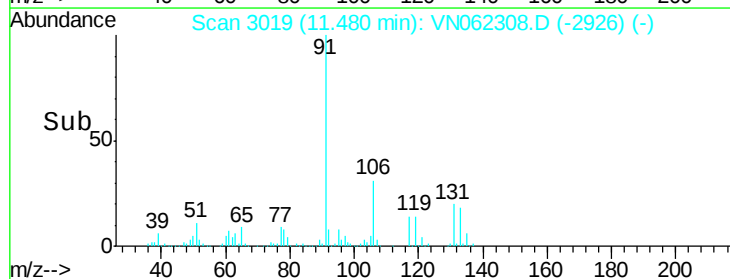
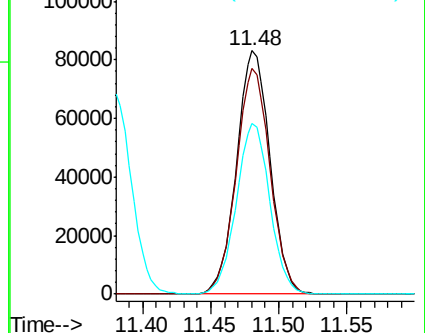
119 70.2 34.4 103.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

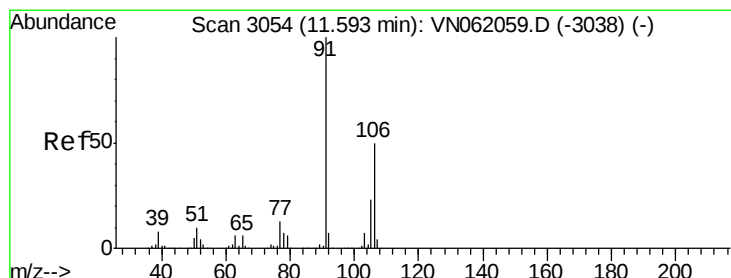
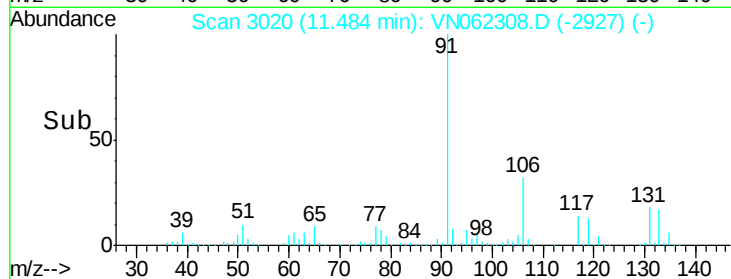
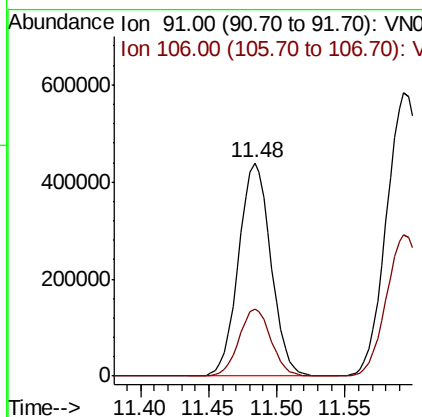
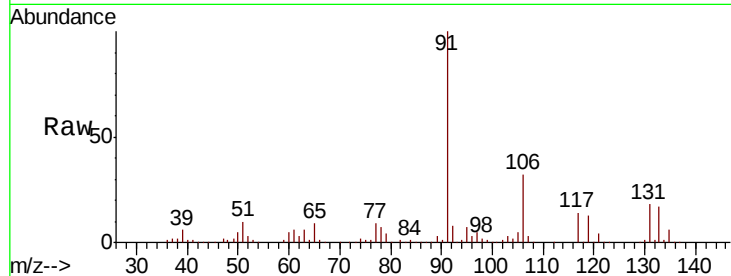




#67
Ethyl Benzene
Concen: 52.462 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

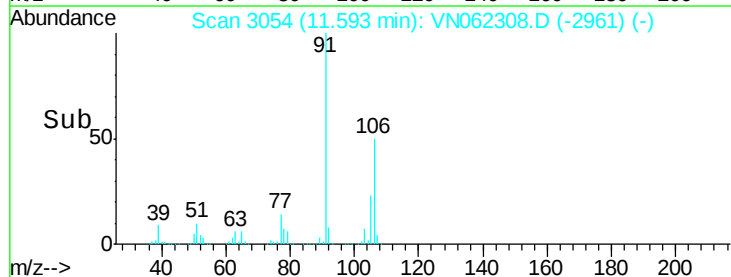
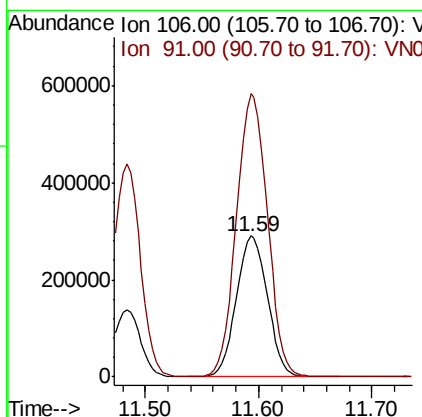
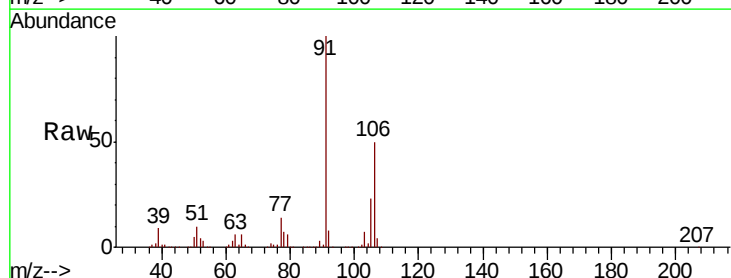
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

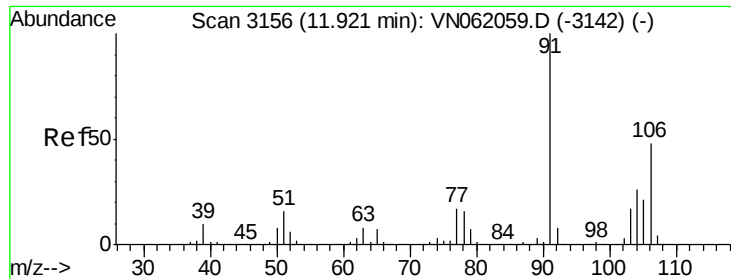
Tot Ion: 91 Resp: 724239
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



#68
m/p-Xylenes
Concen: 103.829 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 106 Resp: 554404
Ion Ratio Lower Upper
106 100
91 201.4 157.8 236.8

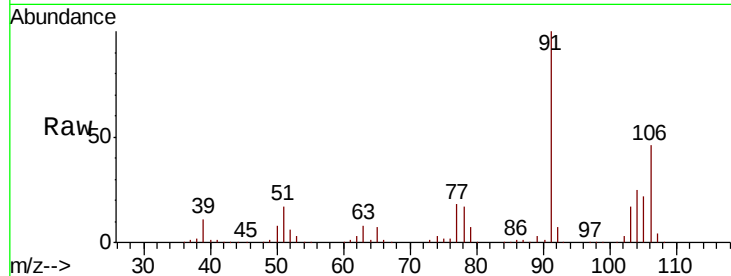




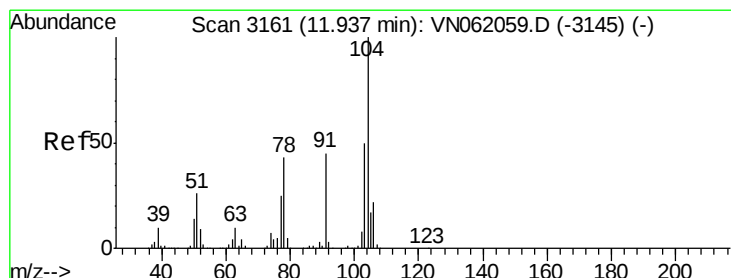
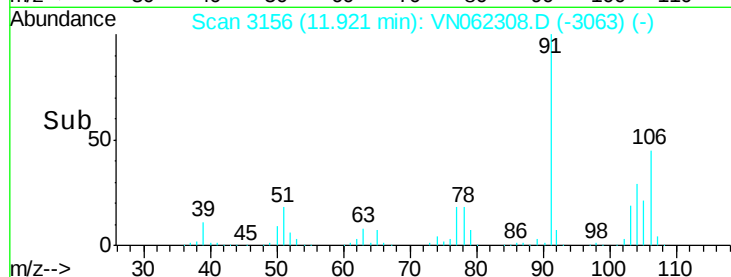
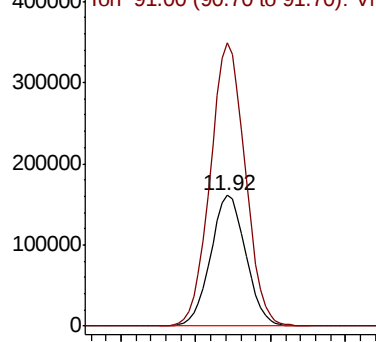
#69
o-Xylene
Concen: 52.293 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 263452
Ion Ratio Lower Upper
106 100
91 215.9 104.0 311.9

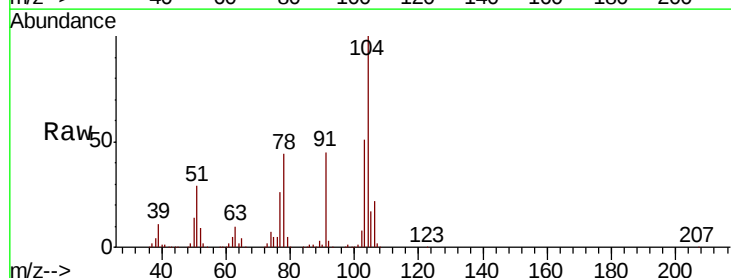


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

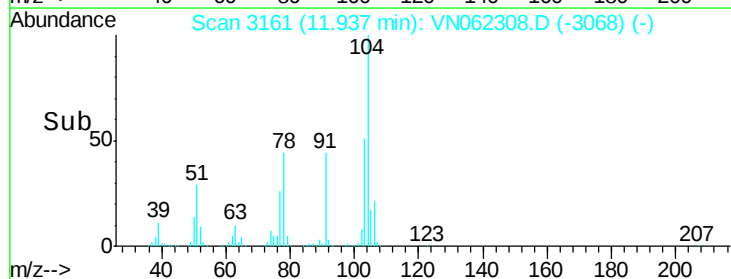
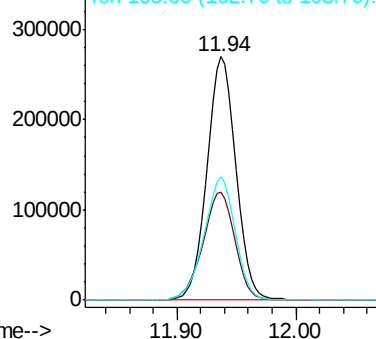


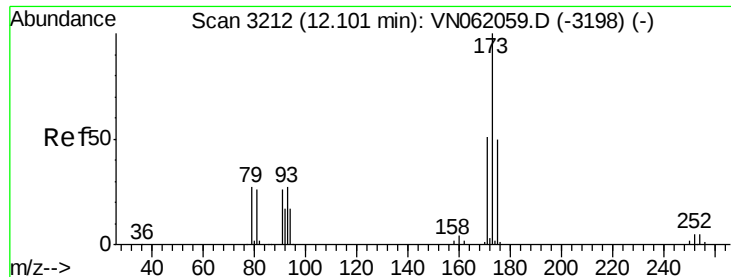
#70
Styrene
Concen: 54.123 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion:104 Resp: 454743
Ion Ratio Lower Upper
104 100
78 49.2 37.7 56.5
103 54.6 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.122 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

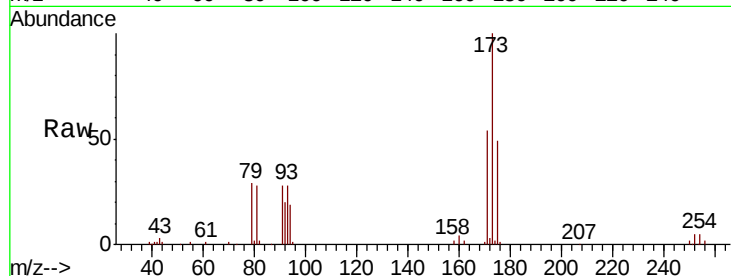
Tot Ion:173 Resp: 100728

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

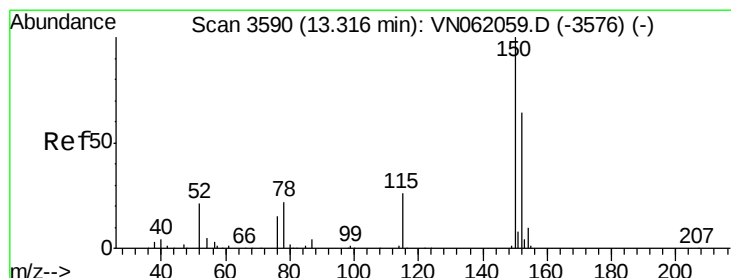
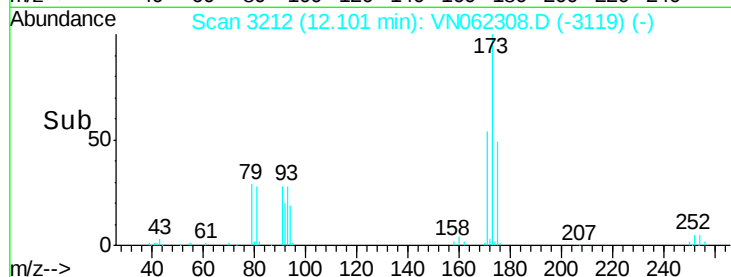
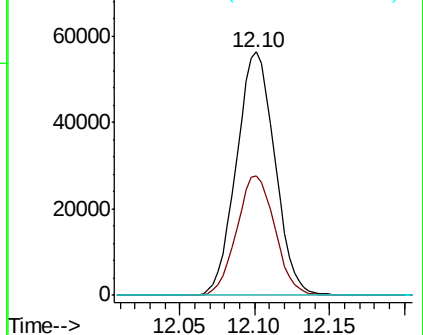
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

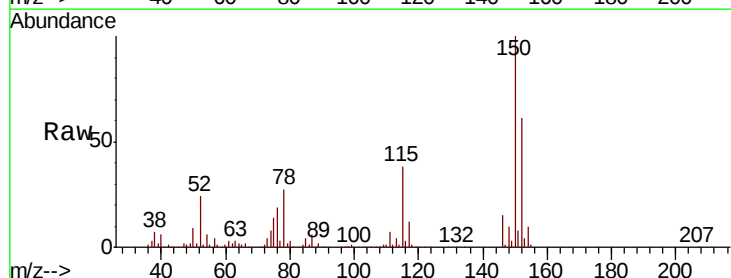
Tgt Ion:152 Resp: 177976

Ion Ratio Lower Upper

152 100

115 61.5 29.5 88.5

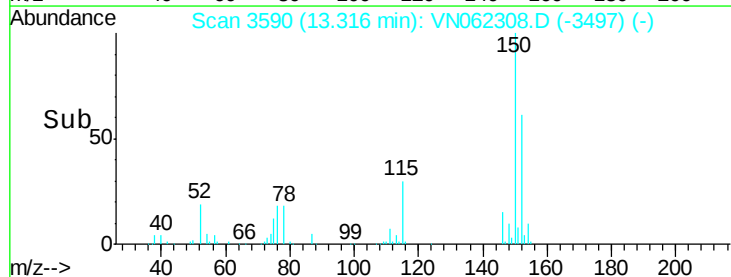
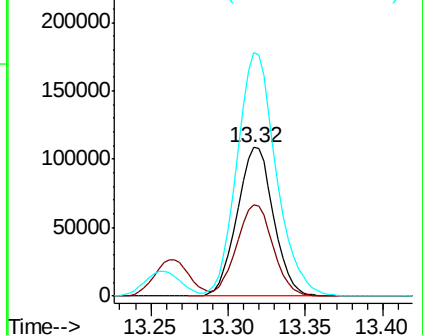
150 175.7 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

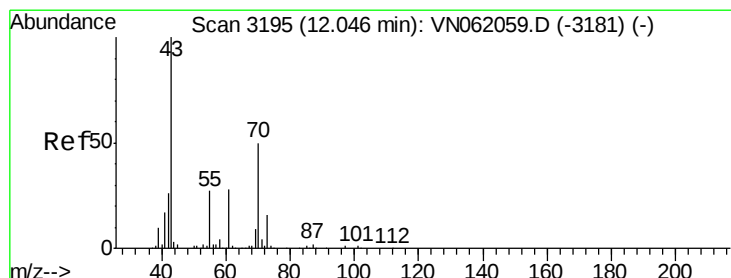
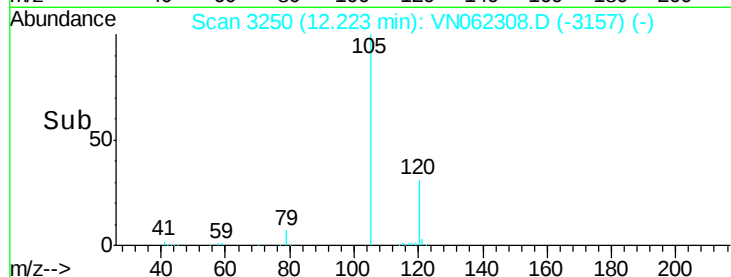
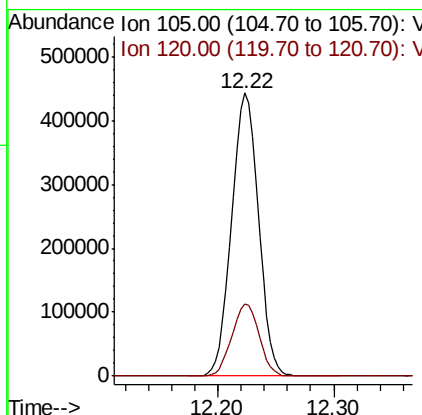
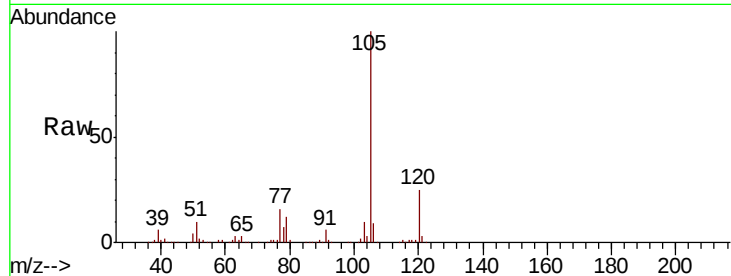




#73
Isopropylbenzene
Concen: 51.331 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

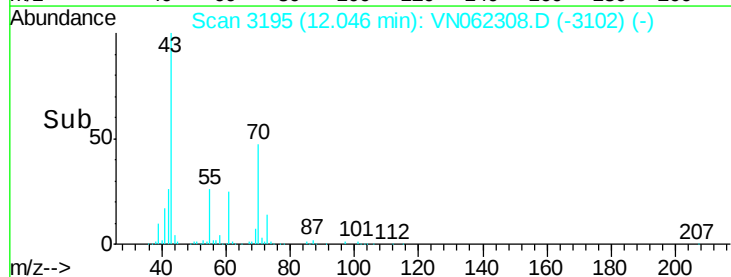
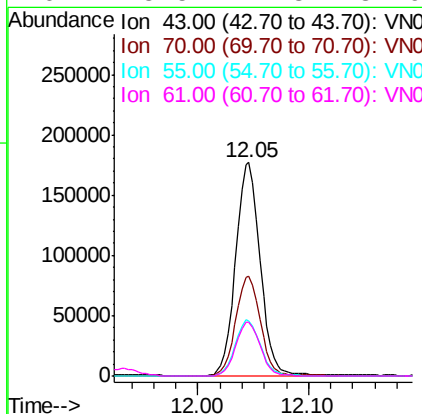
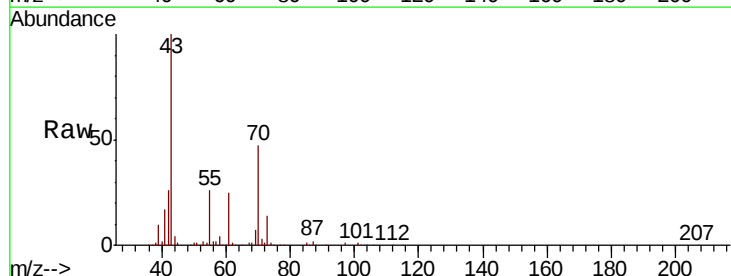
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

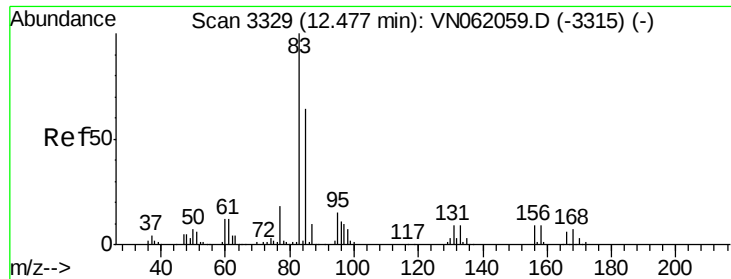
Tot Ion:105 Resp: 707182
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6



#74
N-ethyl acetate
Concen: 53.627 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion: 43 Resp: 273282
Ion Ratio Lower Upper
43 100
70 47.7 39.4 59.2
55 27.0 21.7 32.5
61 25.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.353 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

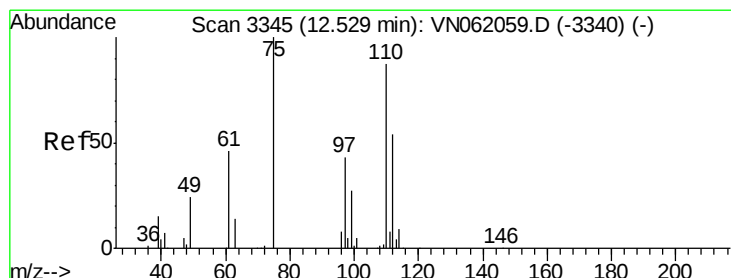
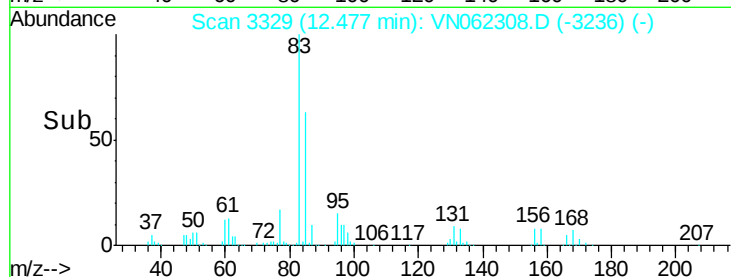
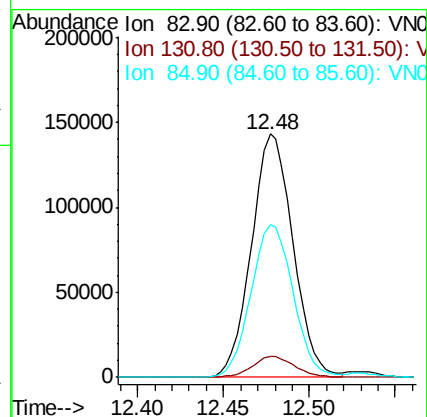
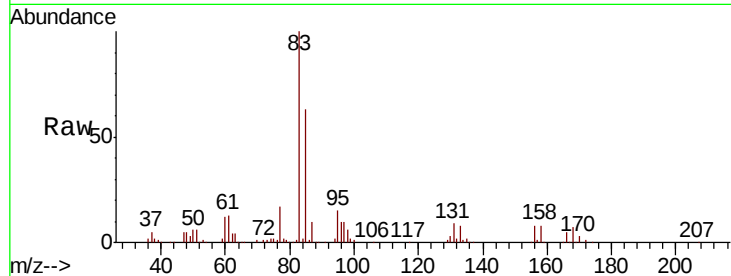
Tot Ion: 83 Resp: 240014

Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.4

85 63.6 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 70.654 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062308.D

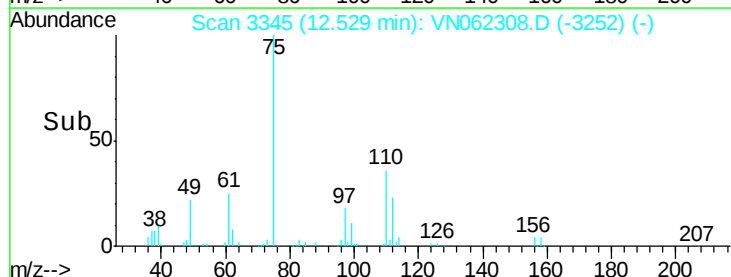
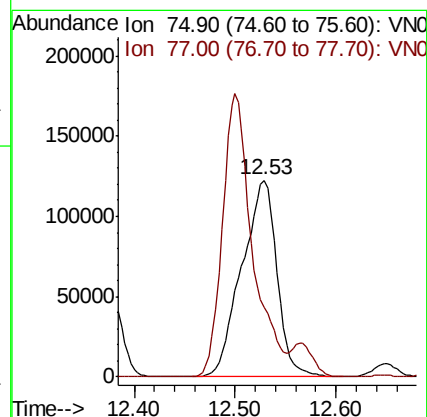
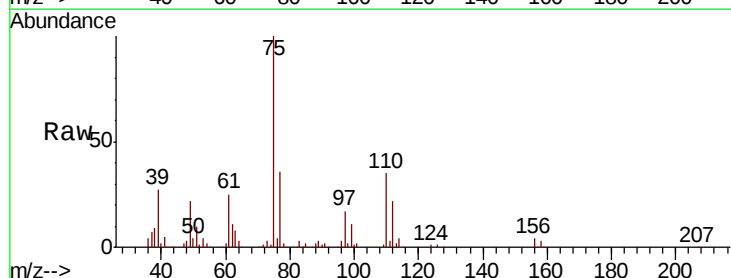
Acq: 1 Jul 2020 21:44

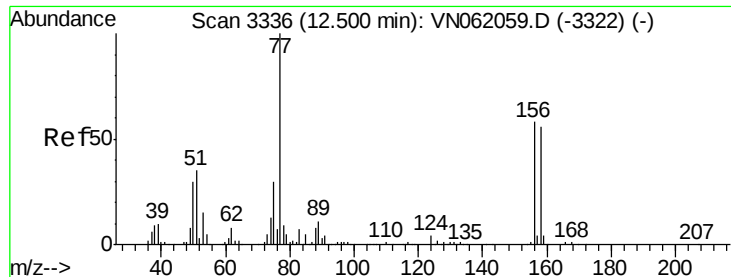
Tgt Ion: 75 Resp: 296020

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.666 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

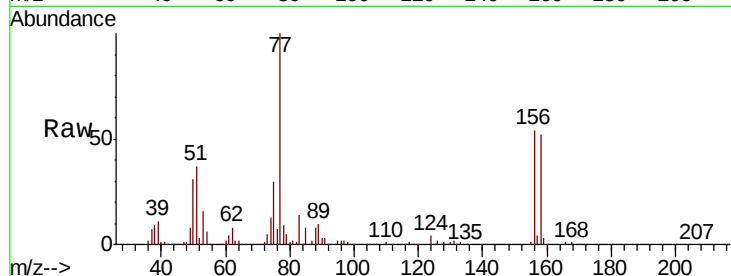
Tot Ion:156 Resp: 159614

Ion Ratio Lower Upper

156 100

77 229.8 104.6 313.8

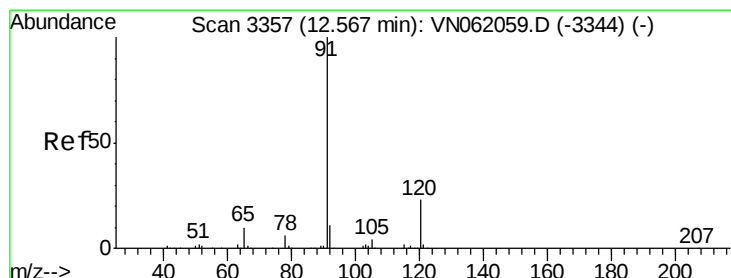
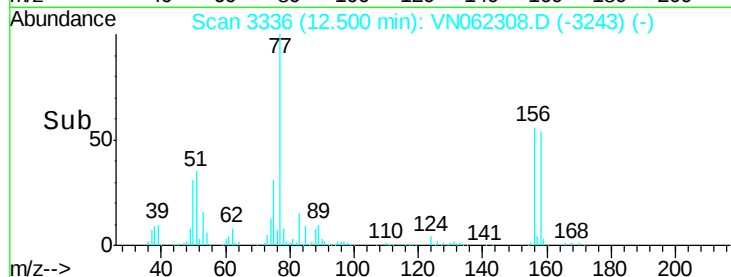
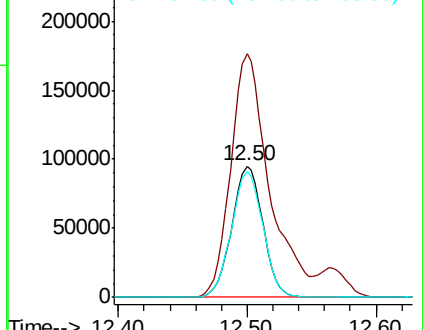
158 97.0 48.0 144.0



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: 52.550 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062308.D

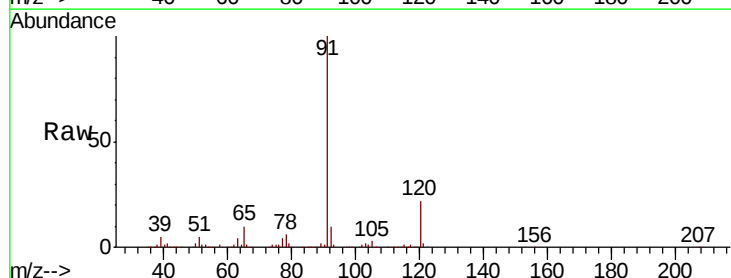
Acq: 1 Jul 2020 21:44

Tgt Ion: 91 Resp: 828111

Ion Ratio Lower Upper

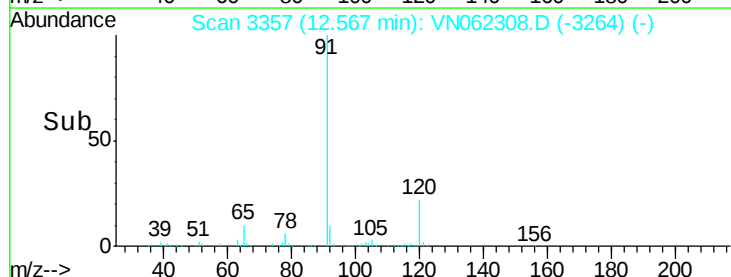
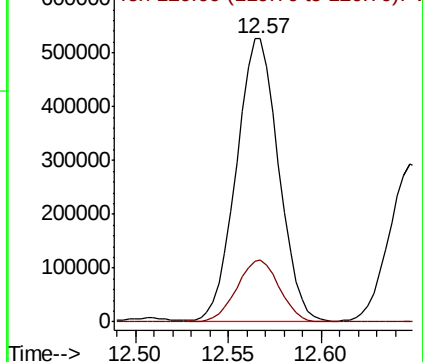
91 100

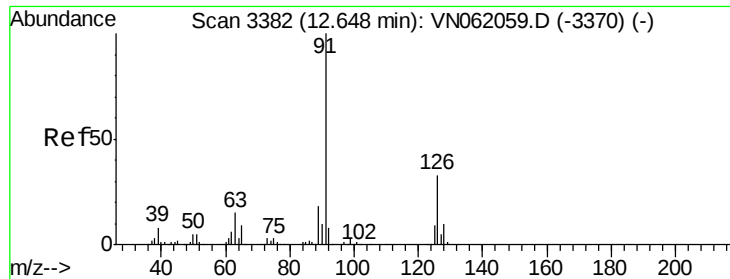
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

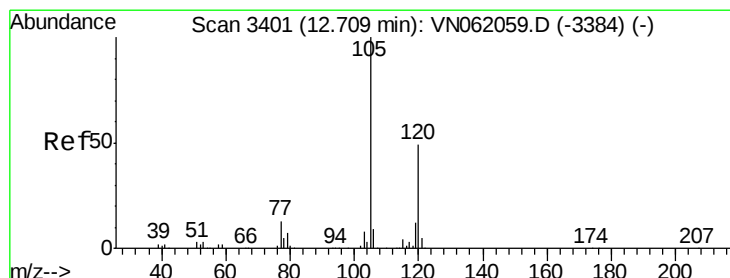
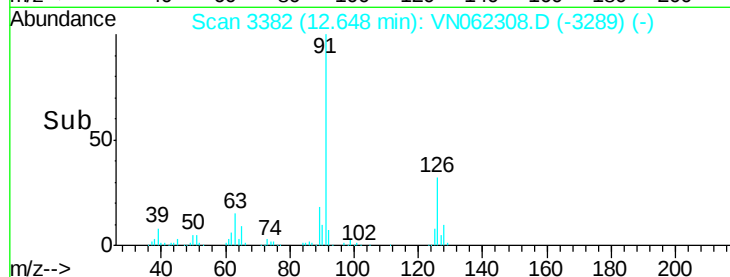
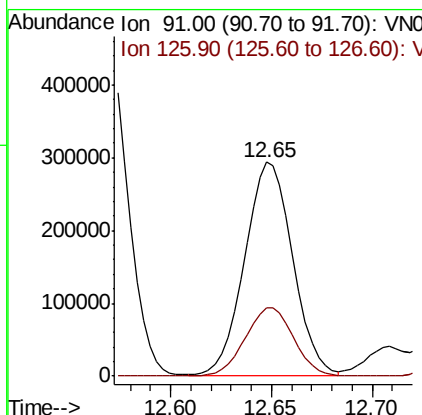
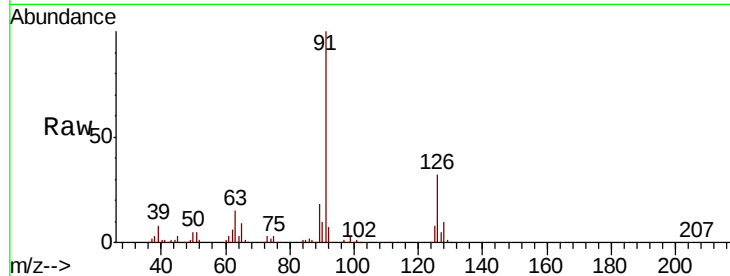




#79
 2-Chlorotoluene
 Concen: 51.127 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

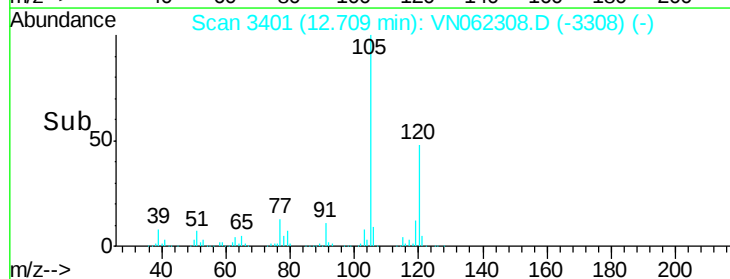
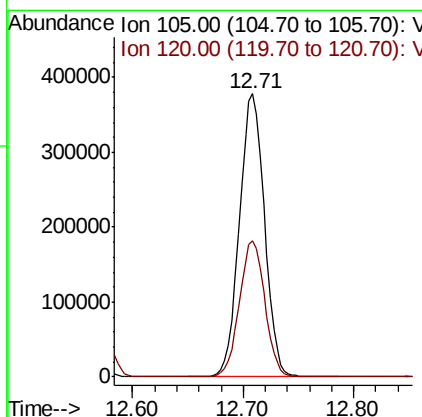
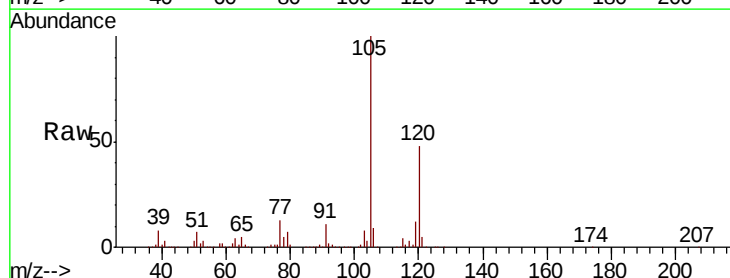
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

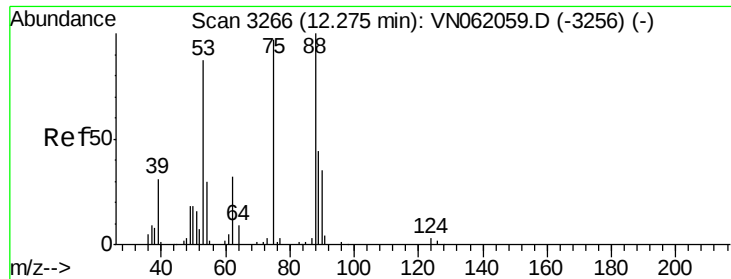
Tot Ion: 91 Resp: 487076
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.127 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 105 Resp: 593334
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.653 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

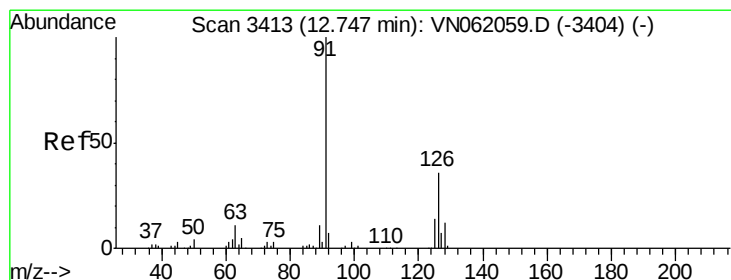
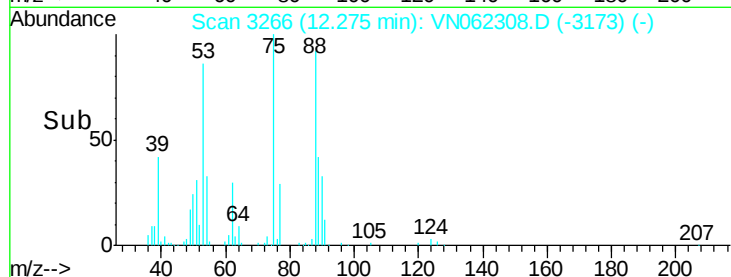
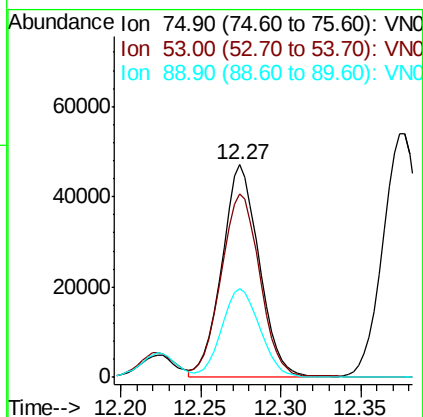
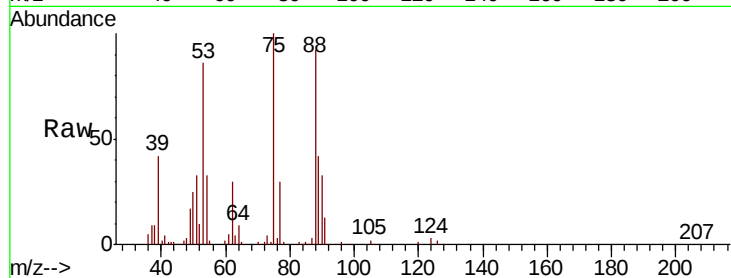
Tot Ion: 75 Resp: 75538

Ion Ratio Lower Upper

75 100

53 88.2 72.0 108.0

89 42.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 51.835 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062308.D

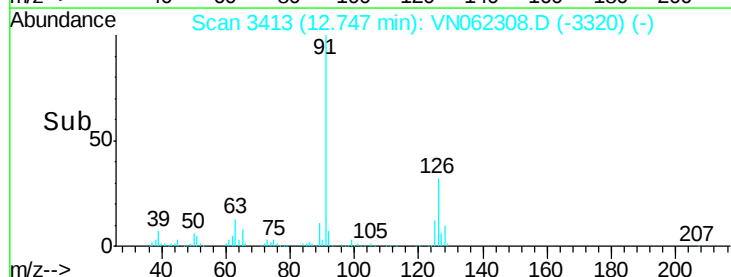
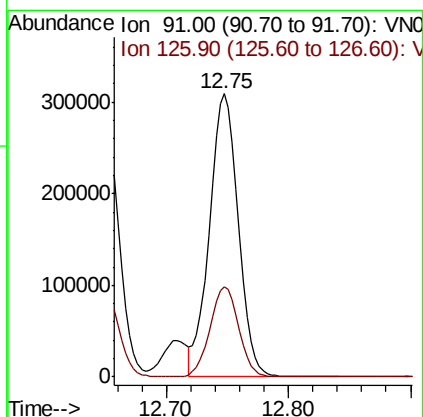
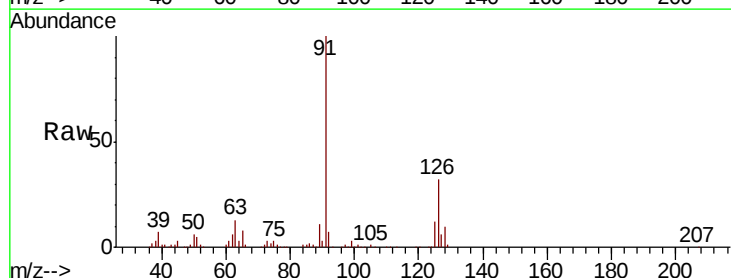
Acq: 1 Jul 2020 21:44

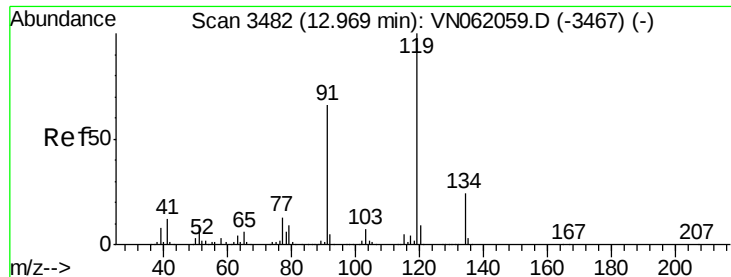
Tgt Ion: 91 Resp: 510661

Ion Ratio Lower Upper

91 100

126 31.8 16.7 50.1

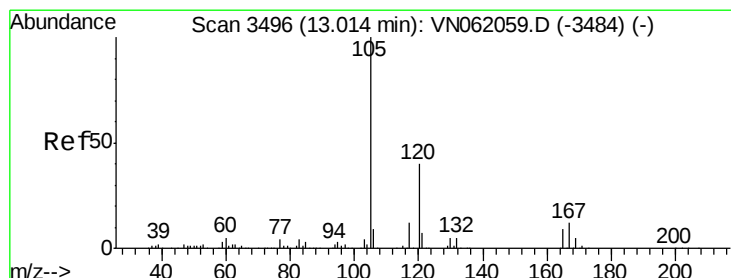
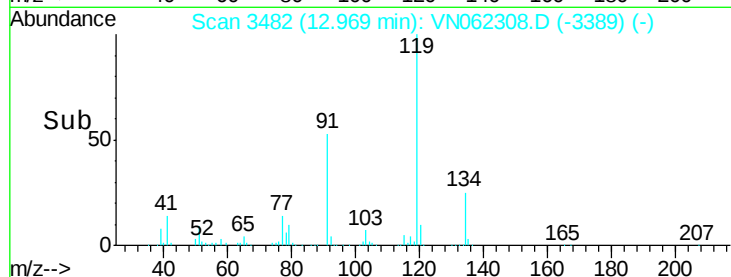
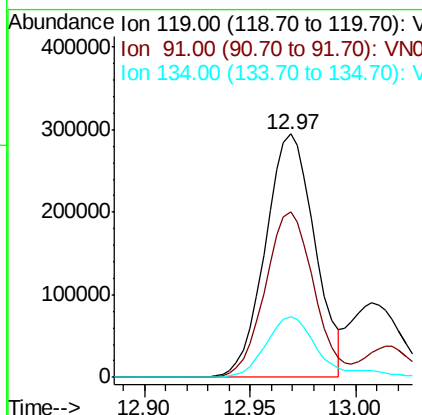
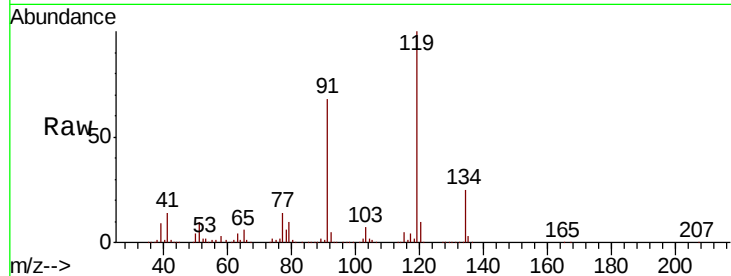




#83
tert-Butylbenzene
Concen: 50.160 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

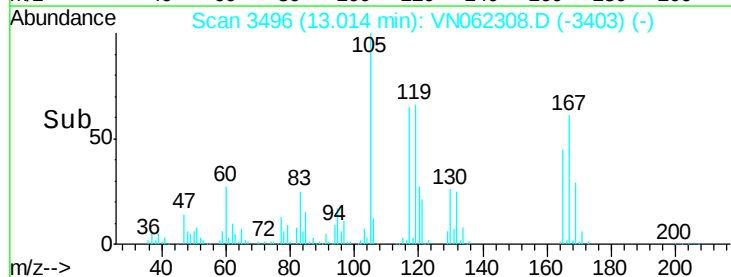
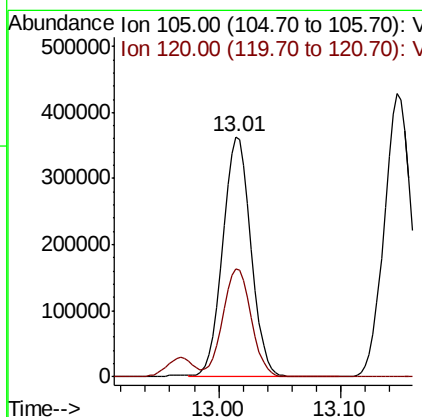
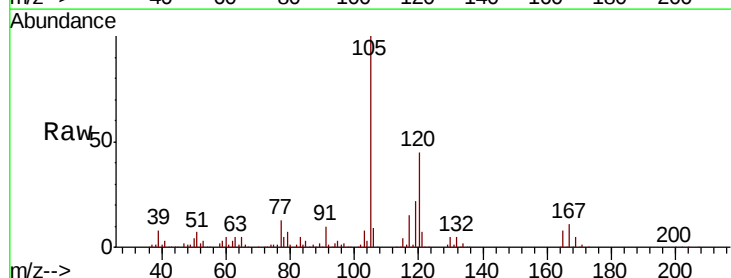
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

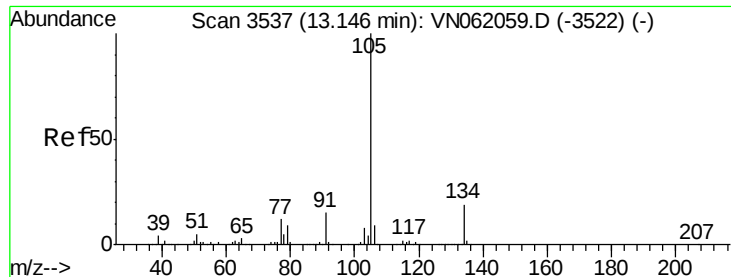
Tot Ion:119 Resp: 479418
Ion Ratio Lower Upper
119 100
91 67.4 31.7 95.1
134 26.8 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 52.768 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion:105 Resp: 588579
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.5

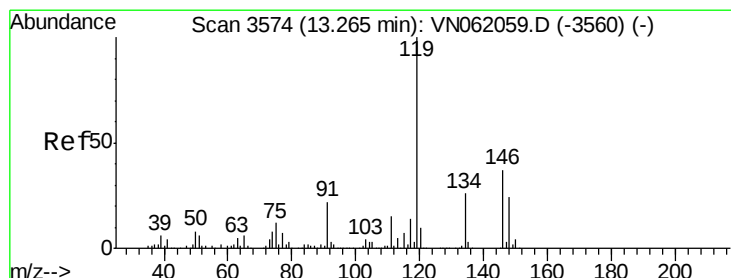
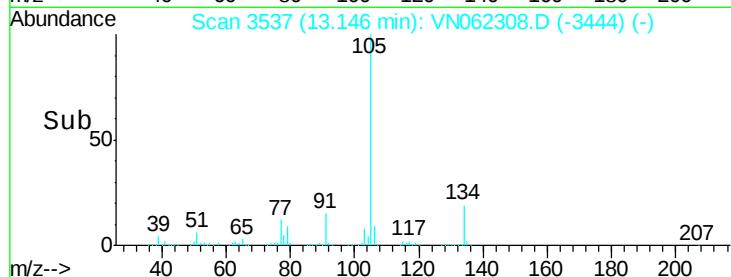
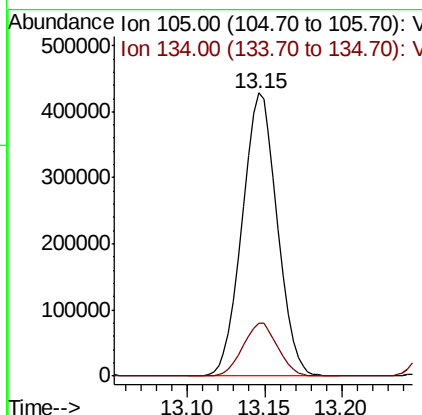
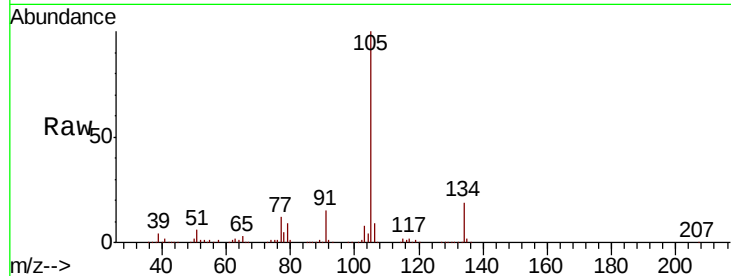




#85
 sec-Butylbenzene
 Concen: 53.379 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

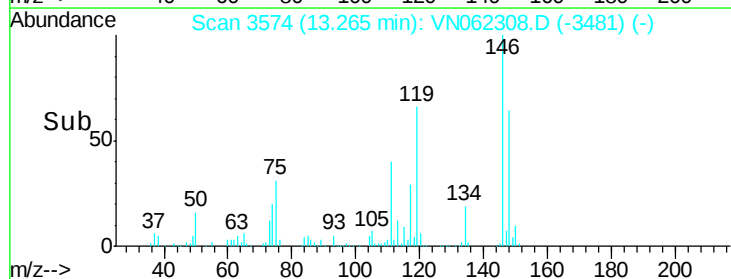
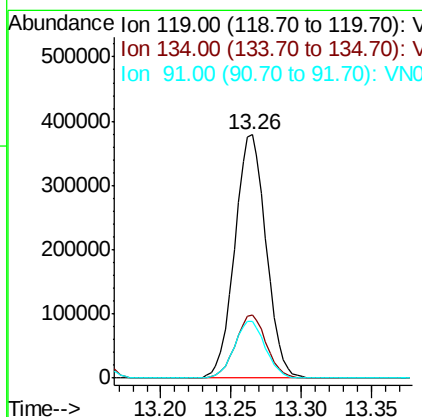
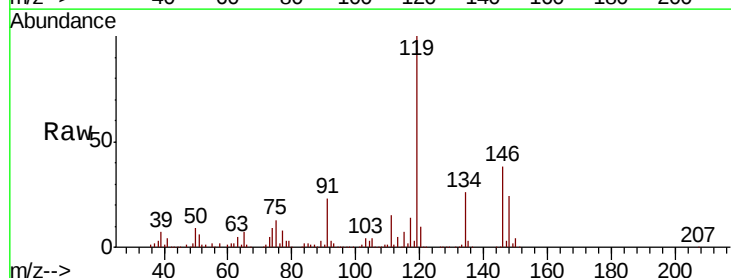
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

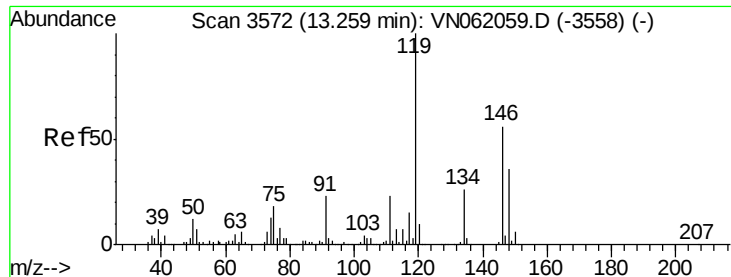
Tot Ion:105 Resp: 674152
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.100 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion:119 Resp: 587544
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.1 11.3 33.8

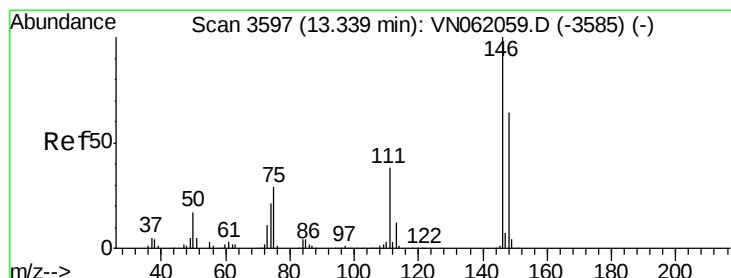
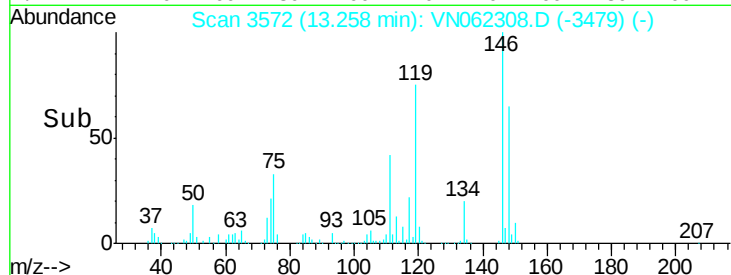
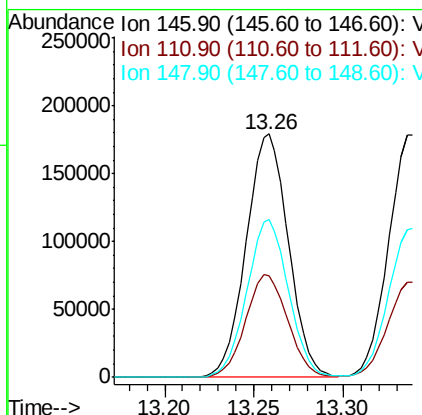
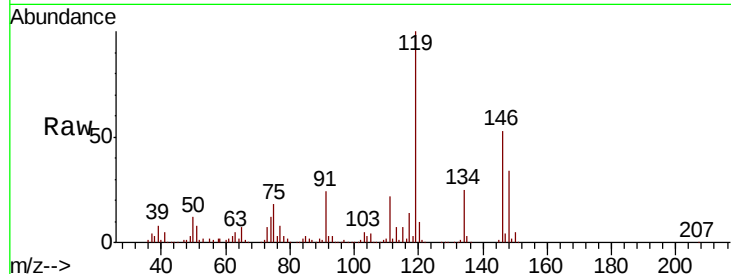




#87
 1,3-Dichlorobenzene
 Concen: 49.532 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

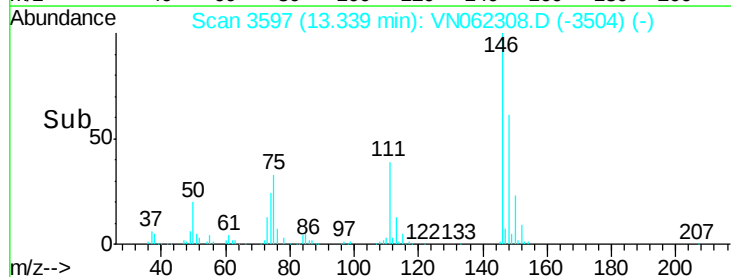
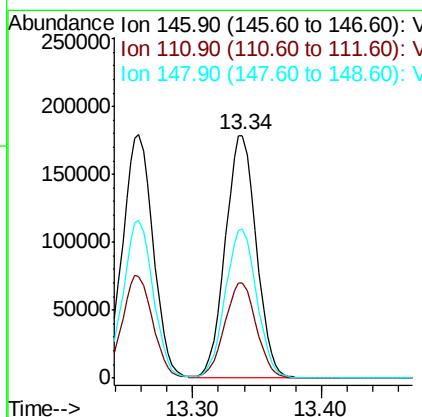
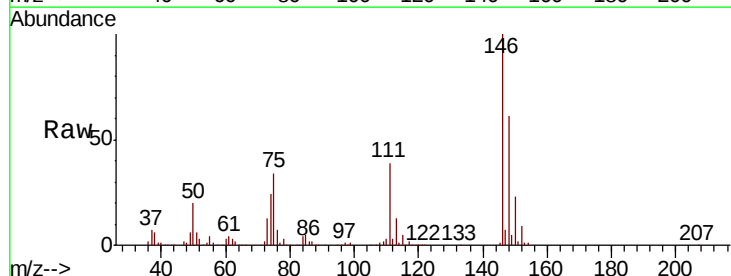
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

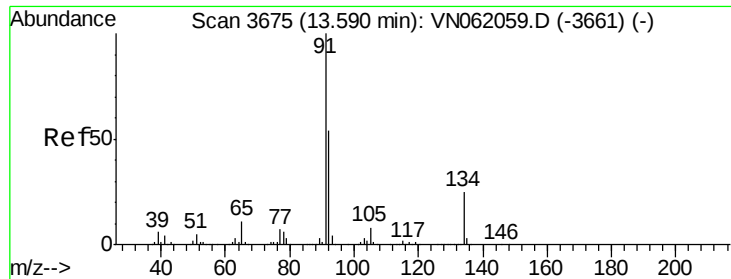
Tot Ion:146 Resp: 297493
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.3 61.0
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.004 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion:146 Resp: 297197
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.6
 148 62.7 31.9 95.9





#89

n-Butylbenzene

Concen: 53.033 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062308.D

Acq: 1 Jul 2020 21:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

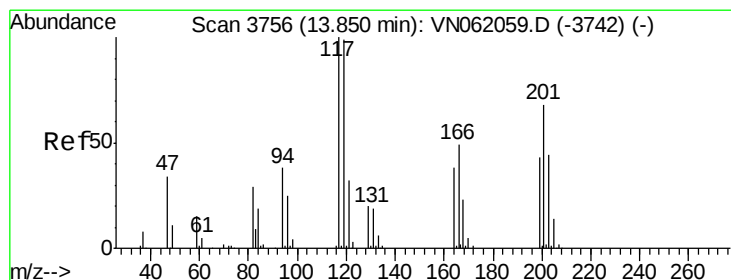
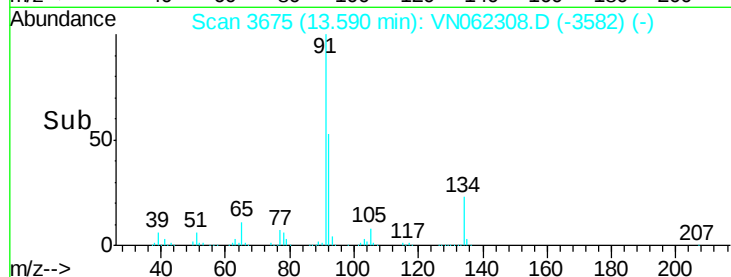
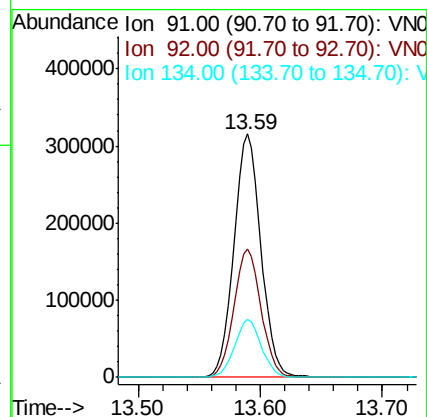
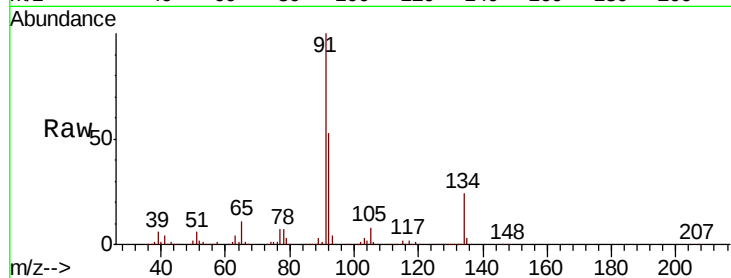
Tot Ion: 91 Resp: 487859

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 23.7 12.3 36.9



#90

Hexachloroethane

Concen: 51.714 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062308.D

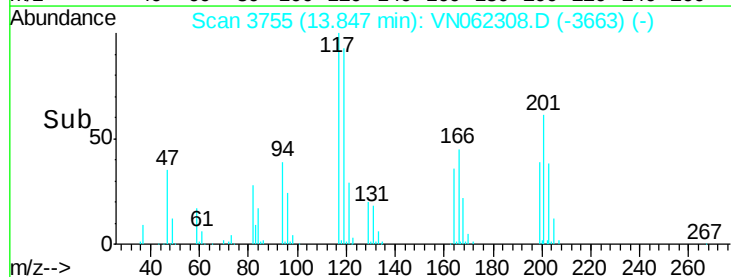
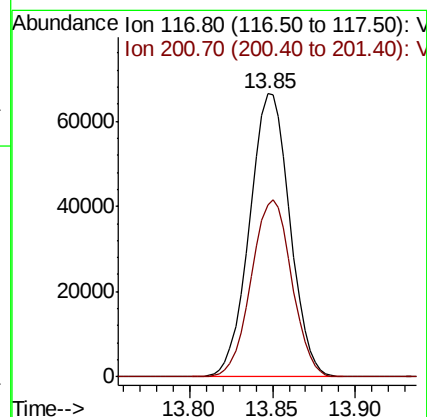
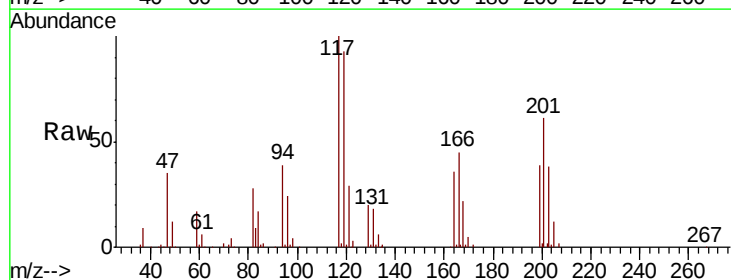
Acq: 1 Jul 2020 21:44

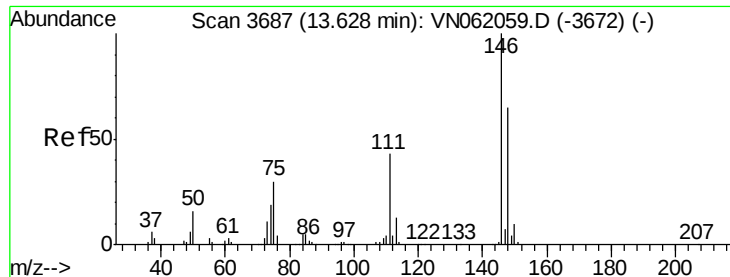
Tgt Ion: 117 Resp: 112266

Ion Ratio Lower Upper

117 100

201 62.7 32.7 98.1

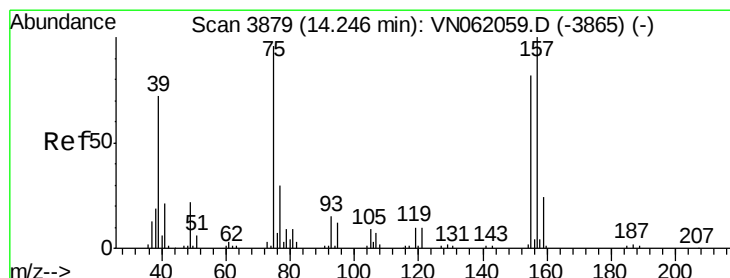
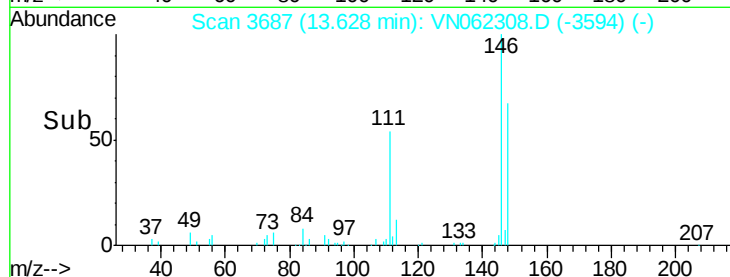
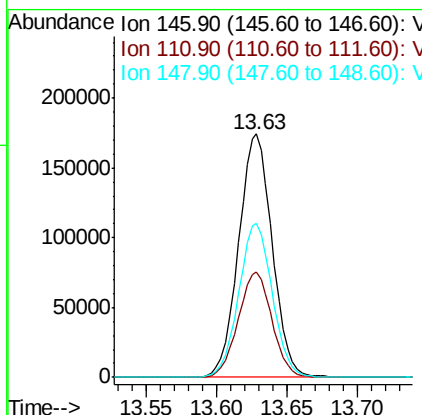
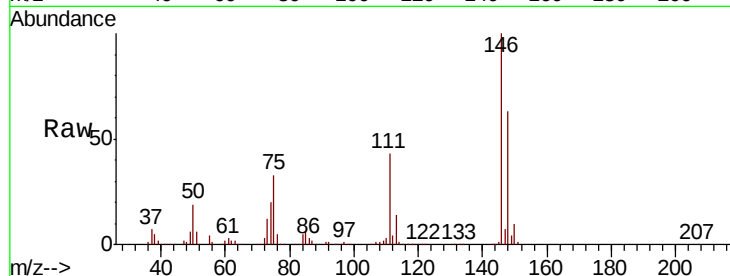




#91
 1,2-Dichlorobenzene
 Concen: 49.970 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

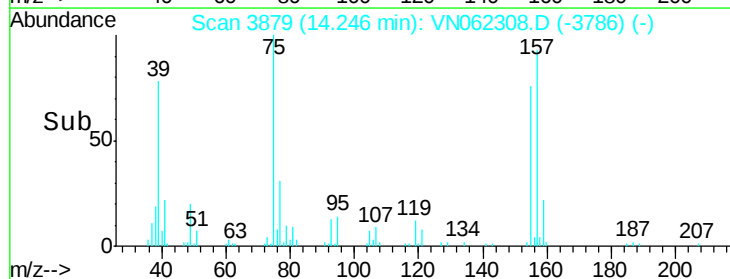
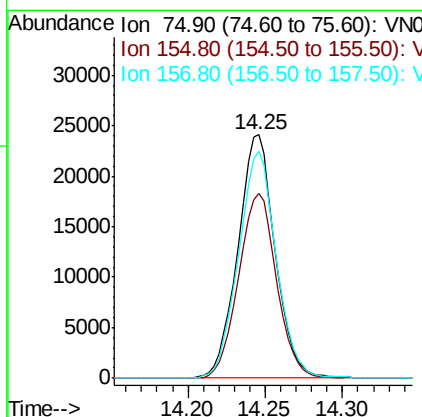
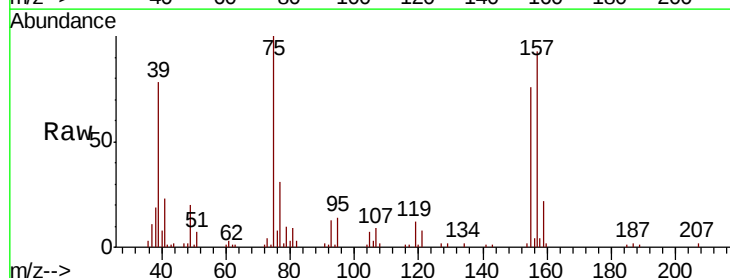
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

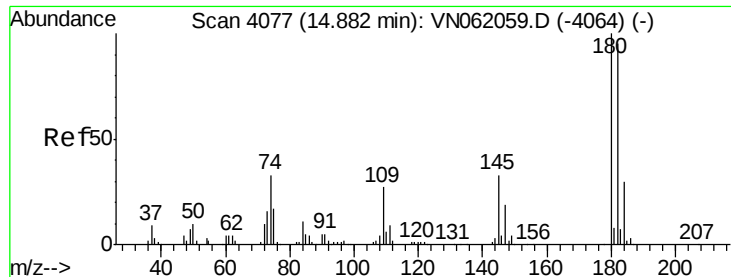
Tot Ion:146 Resp: 291031
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.2 63.6
 148 63.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.857 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion: 75 Resp: 40288
 Ion Ratio Lower Upper
 75 100
 155 77.4 40.8 122.4
 157 94.8 51.4 154.3

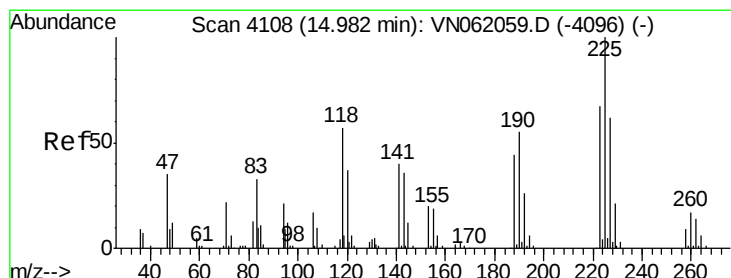
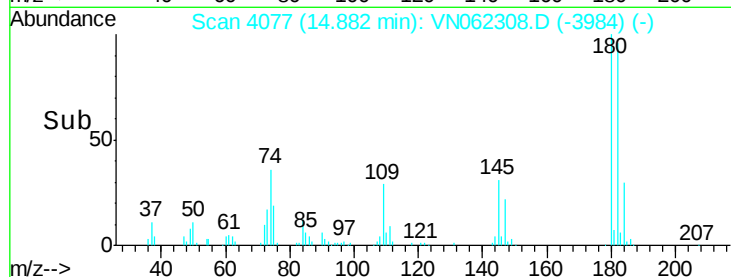
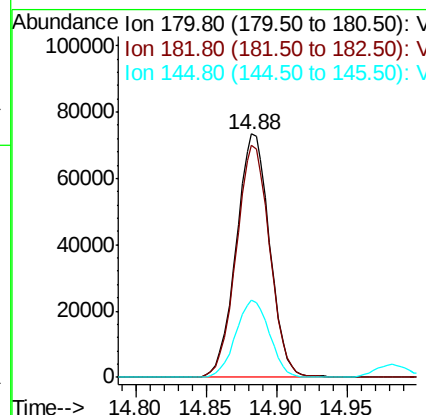
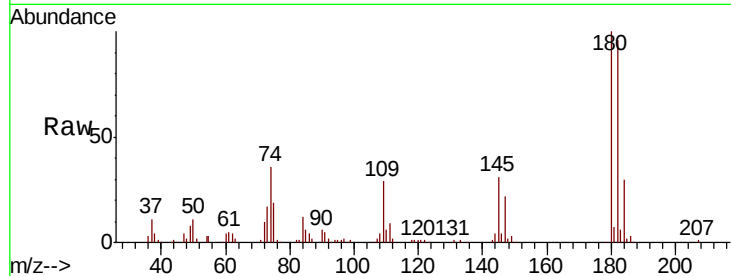




#93
 1,2,4-Trichlorobenzene
 Concen: 47.991 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

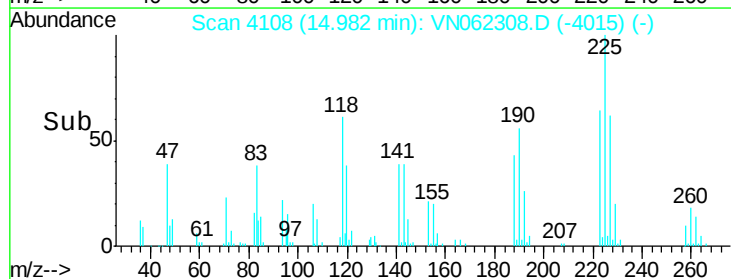
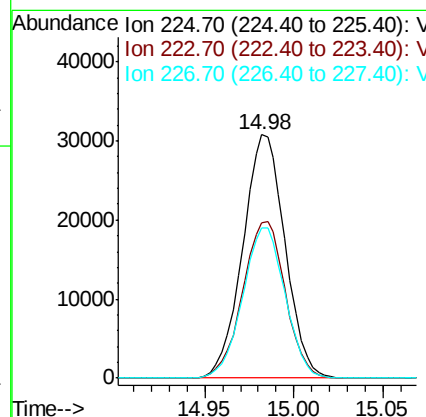
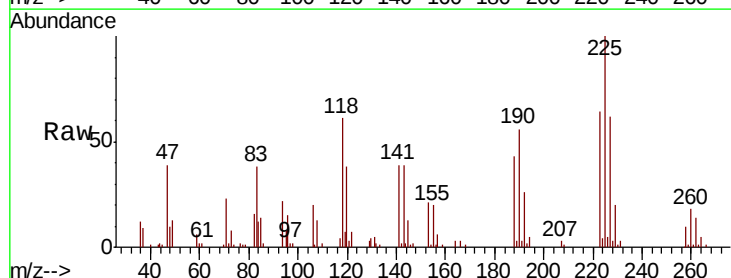
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

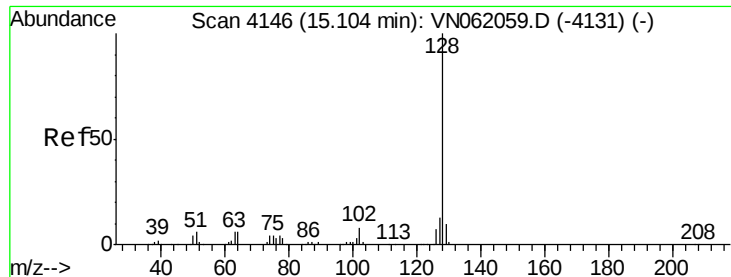
Tot Ion:180 Resp: 122104
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.2
 145 32.1 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 46.064 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062308.D
 Acq: 1 Jul 2020 21:44

Tgt Ion:225 Resp: 50903
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.9 98.7
 227 61.9 31.3 93.8

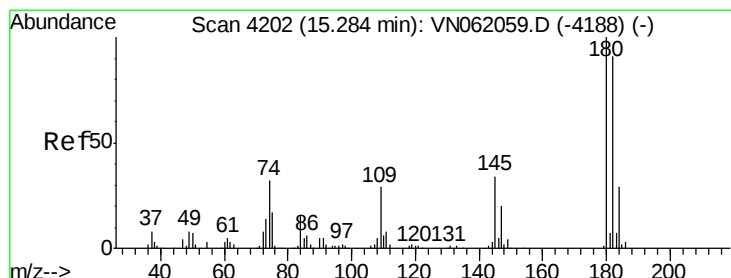
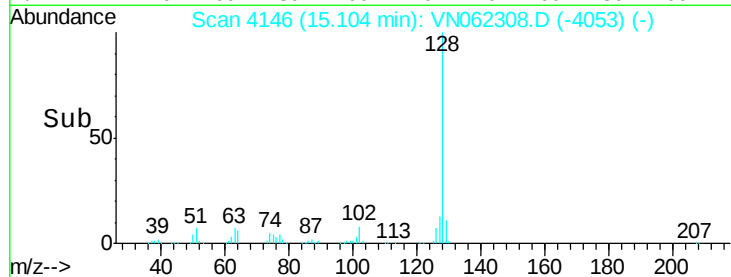
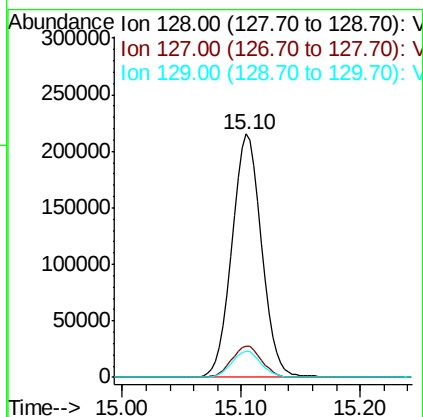
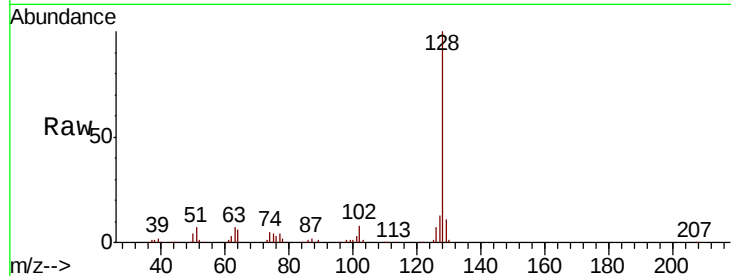




#95
Naphthalene
Concen: 44.336 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 371945
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.527 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062308.D
Acq: 1 Jul 2020 21:44

Tgt Ion:180 Resp: 126247
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.4
145 33.7 16.4 49.2

