

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062310.D
 Acq On : 1 Jul 2020 23:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 02 06:57:37 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	193425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	155240	57.19	ug/l	0.00
Spiked Amount			Recovery	=	114.38%	
35) Dibromofluoromethane	7.55	113	117524	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.06	98	447908	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	152807	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95384	43.627	ug/l	100
3) Chloromethane	2.03	50	136085	52.949	ug/l	99
4) Vinyl Chloride	2.16	62	154035	44.738	ug/l	98
5) Bromomethane	2.52	94	102024	45.849	ug/l	97
6) Chloroethane	2.66	64	110456	46.963	ug/l	100
7) Trichlorofluoromethane	2.98	101	188984	44.545	ug/l	99
8) Diethyl Ether	3.37	74	85558	57.754	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	105174	47.340	ug/l	96
10) Methyl Iodide	3.91	142	127985	51.152	ug/l	99
11) Tert butyl alcohol	4.74	59	119641	306.986	ug/l	100
12) 1,1-Dichloroethene	3.69	96	108555	48.877	ug/l	98
13) Acrolein	3.56	56	96092	251.835	ug/l	100
14) Allyl chloride	4.27	41	168798	55.822	ug/l	97
15) Acrylonitrile	4.93	53	337592	317.876	ug/l	99
16) Acetone	3.77	43	266646	313.997	ug/l	96
17) Carbon Disulfide	4.00	76	299375	47.063	ug/l	99
18) Methyl Acetate	4.28	43	137365	63.660	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	412851	58.173	ug/l	96
20) Methylene Chloride	4.50	84	145514	58.434	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	121630	48.072	ug/l	94
22) Diisopropyl ether	5.90	45	414742	60.239	ug/l	98
23) Vinyl Acetate	5.84	43	1726679	307.172	ug/l	97
24) 1,1-Dichloroethane	5.80	63	244172	55.074	ug/l	99
25) 2-Butanone	6.79	43	420964	317.286	ug/l	96
26) 2,2-Dichloropropane	6.77	77	160962	43.568	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	147458	51.793	ug/l	98
28) Bromochloromethane	7.15	49	122770	63.822	ug/l	92
29) Tetrahydrofuran	7.17	42	284207	327.015	ug/l	96
30) Chloroform	7.33	83	245391	54.401	ug/l	98
31) Cyclohexane	7.61	56	184448	49.183	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	191078	50.230	ug/l	97
36) 1,1-Dichloropropene	7.75	75	171728	47.267	ug/l	99
37) Ethyl Acetate	6.88	43	178439	59.313	ug/l	99
38) Carbon Tetrachloride	7.73	117	158176	46.179	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	179559	45.106	ug/l	97
40) Benzene	8.00	78	555970	50.206	ug/l	98
41) Methacrylonitrile	7.17	41	257625	184.713	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	201234	53.786	ug/l	98
43) Isopropyl Acetate	8.13	43	286950	58.510	ug/l	99
44) Trichloroethene	8.80	130	125505	44.929	ug/l	96
45) 1,2-Dichloropropane	9.09	63	149903	54.871	ug/l	99
46) Dibromomethane	9.18	93	97785	52.792	ug/l	95
47) Bromodichloromethane	9.37	83	200171	53.522	ug/l	99
48) Methyl methacrylate	9.17	41	136819	62.221	ug/l	93
49) 1,4-Dioxane	9.17	88	56331	1155.175	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	904850	315.790	ug/l	99
52) Toluene	10.12	92	340727	50.428	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212498	51.644	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	232571	53.090	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146462	55.144	ug/l	98
56) Ethyl methacrylate	10.40	69	209854	59.206	ug/l	96
57) 1,3-Dichloropropane	10.68	76	252897	55.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	393086	259.804	ug/l	96
59) 2-Hexanone	10.72	43	661625	319.770	ug/l	98
60) Dibromochloromethane	10.87	129	145314	51.678	ug/l	100
61) 1,2-Dibromoethane	10.98	107	143006	52.401	ug/l	100
64) Tetrachloroethene	10.60	164	97833	41.053	ug/l	96
65) Chlorobenzene	11.41	112	359690	46.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	128707	48.584	ug/l	99
67) Ethyl Benzene	11.48	91	637457	49.267	ug/l	98
68) m/p-Xylenes	11.60	106	487722	97.456	ug/l	97
69) o-Xylene	11.92	106	233886	49.533	ug/l	97
70) Styrene	11.94	104	408606	51.888	ug/l	99
71) Bromoform	12.10	173	93737	49.766	ug/l #	98
73) Isopropylbenzene	12.22	105	607622	47.670	ug/l	99
74) N-amyl acetate	12.05	43	247357	52.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	223810	52.765	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	277550	71.601	ug/l #	100
77) Bromobenzene	12.50	156	144170	45.559	ug/l	90
78) n-propylbenzene	12.57	91	721343	49.475	ug/l	98
79) 2-Chlorotoluene	12.65	91	428663	48.633	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	515680	49.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68483	51.594	ug/l	96
82) 4-Chlorotoluene	12.75	91	446056	48.938	ug/l	98
83) tert-Butylbenzene	12.97	119	426177	48.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	520618	50.448	ug/l	98
85) sec-Butylbenzene	13.15	105	574065	49.129	ug/l	99
86) p-Isopropyltoluene	13.26	119	501544	48.992	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	256432	46.147	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	259977	45.387	ug/l	99
89) n-Butylbenzene	13.59	91	414980	48.758	ug/l	99
90) Hexachloroethane	13.85	117	96786	48.187	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	258717	48.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	38231	56.264	ug/l	90

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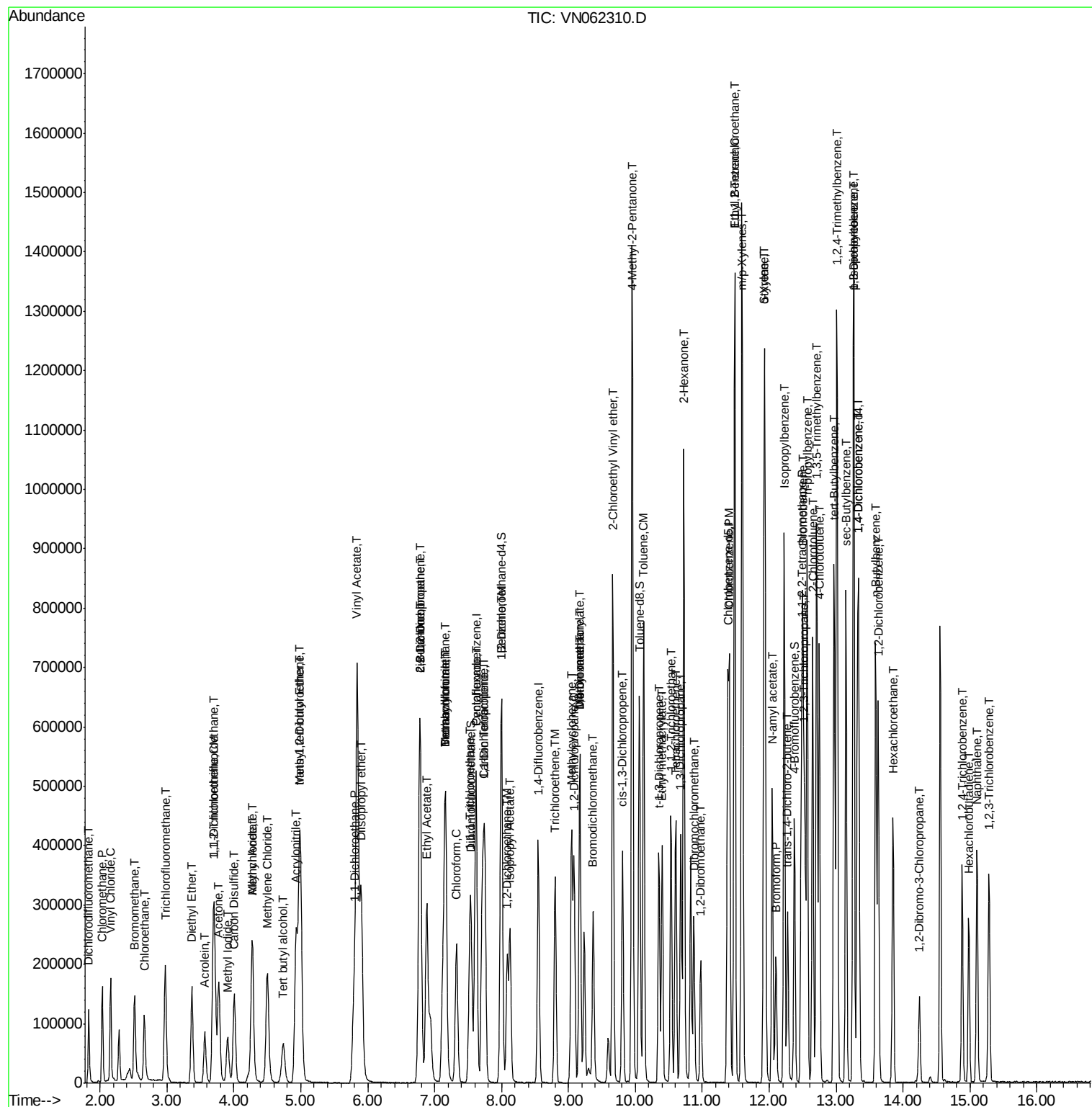
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107149	45.518	ug/l	99
94) Hexachlorobutadiene	14.98	225	44943	43.958	ug/l	99
95) Naphthalene	15.10	128	328470	42.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	110464	45.893	ug/l	99

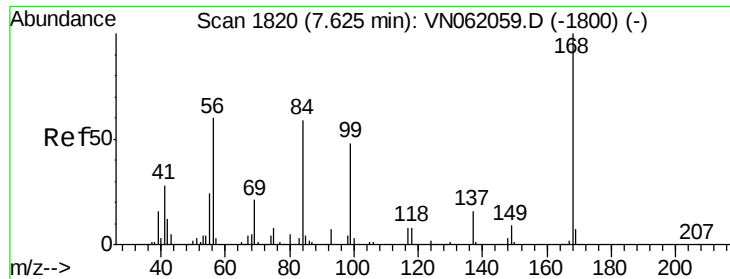
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

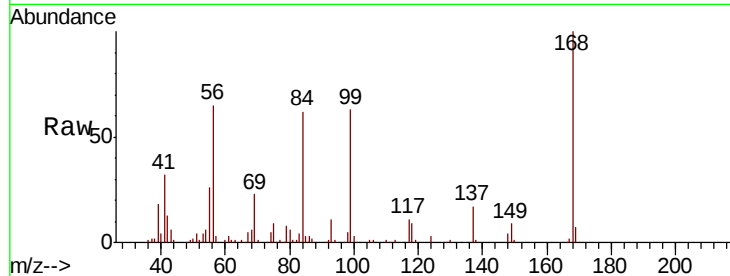
VSTDCCC050

Tot Ion:168 Resp: 193425

Ion Ratio Lower Upper

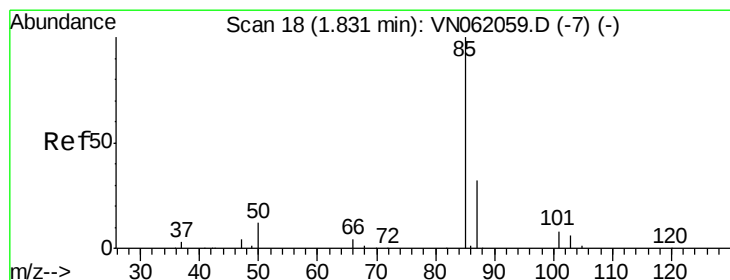
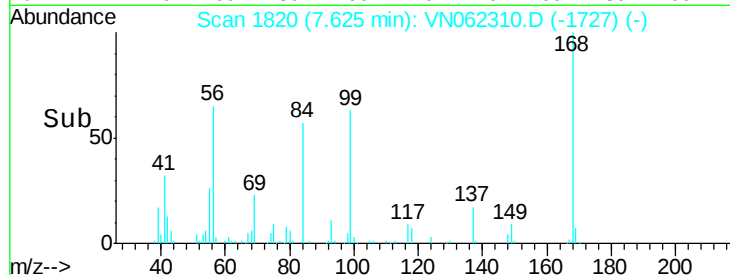
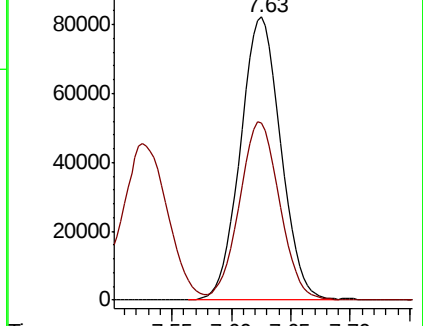
168 100

99 62.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.627 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062310.D

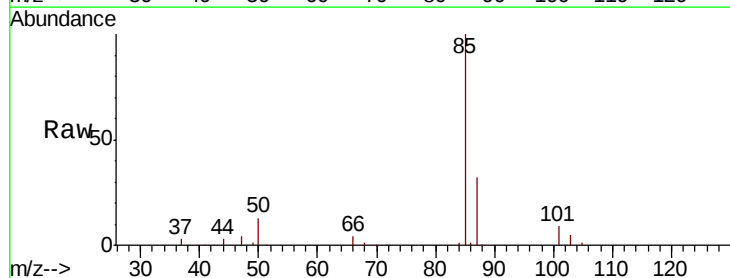
Acq: 1 Jul 2020 23:55

Tgt Ion: 85 Resp: 95384

Ion Ratio Lower Upper

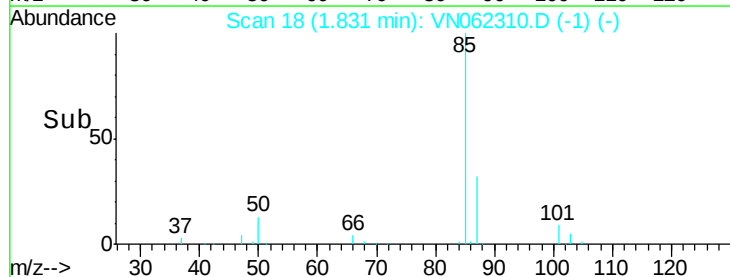
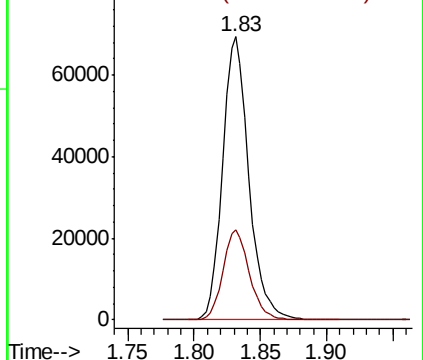
85 100

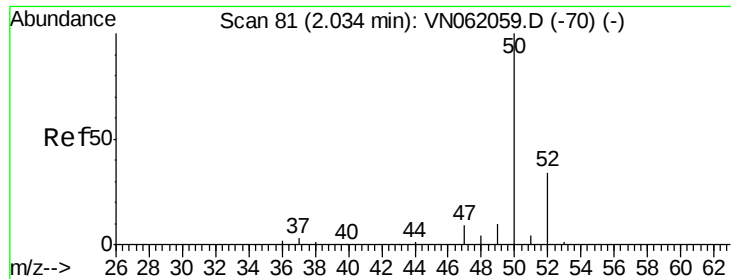
87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.949 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

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ClientSampleId :

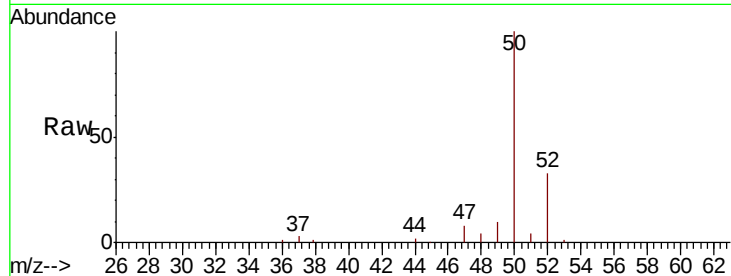
VSTDCCC050

Tot Ion: 50 Resp: 136085

Ion Ratio Lower Upper

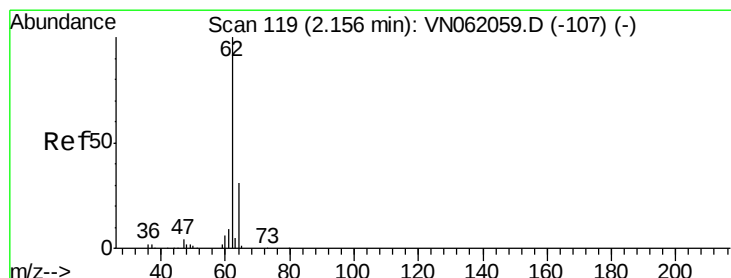
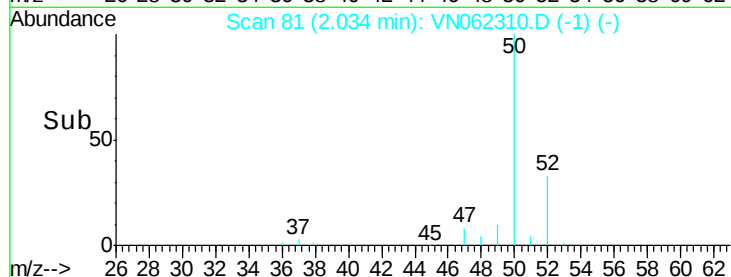
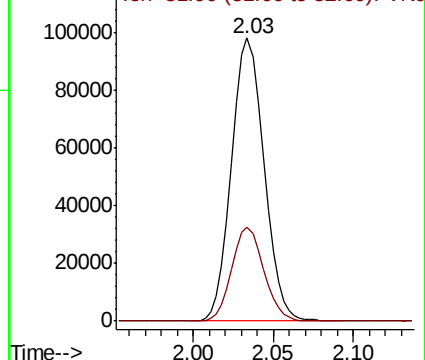
50 100

52 33.1 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: 44.738 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062310.D

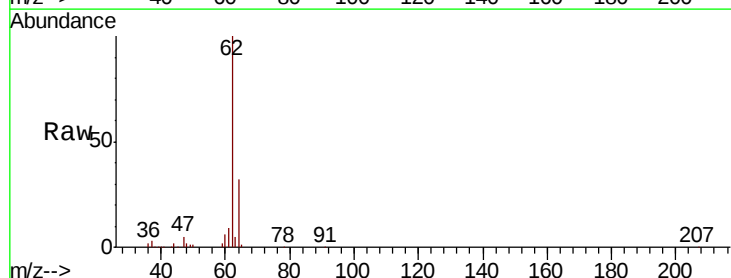
Acq: 1 Jul 2020 23:55

Tgt Ion: 62 Resp: 154035

Ion Ratio Lower Upper

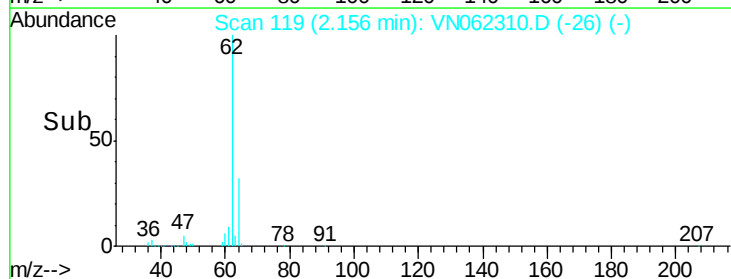
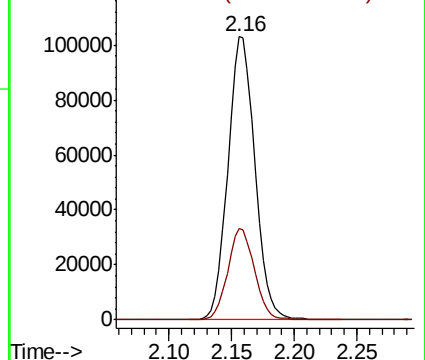
62 100

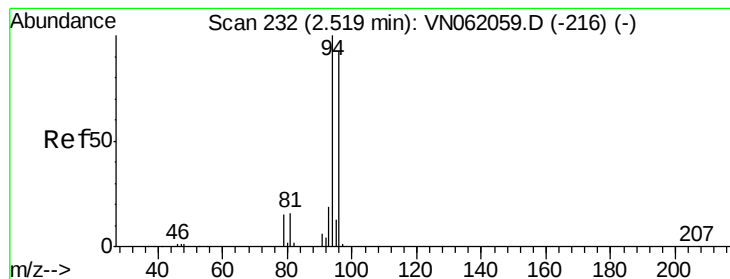
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 45.849 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

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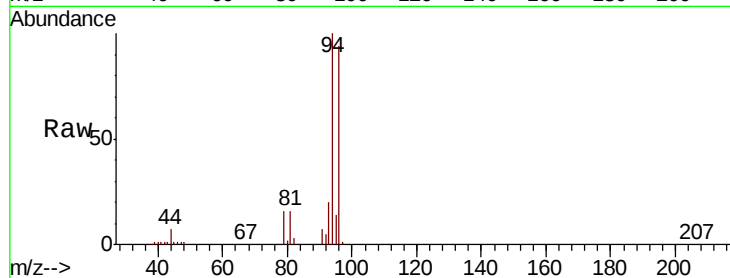
VSTDCCC050

Tot Ion: 94 Resp: 102024

Ion Ratio Lower Upper

94 100

96 94.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

60000

50000

40000

30000

20000

10000

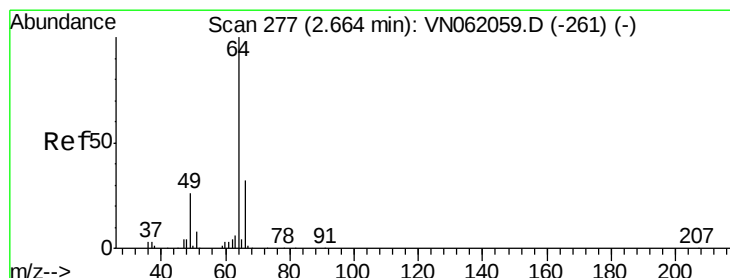
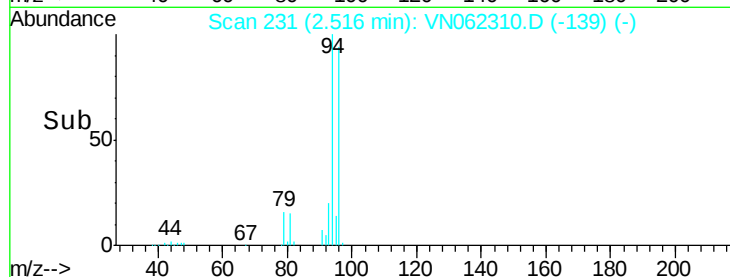
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 46.963 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062310.D

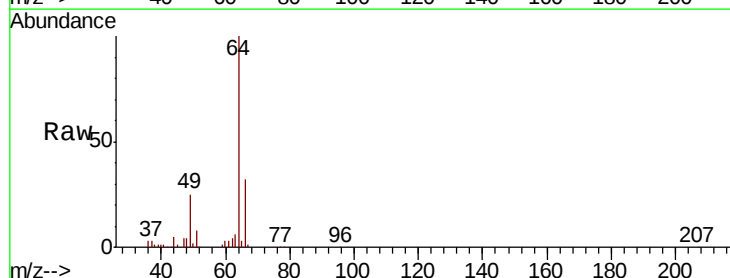
Acq: 1 Jul 2020 23:55

Tgt Ion: 64 Resp: 110456

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

60000

50000

40000

30000

20000

10000

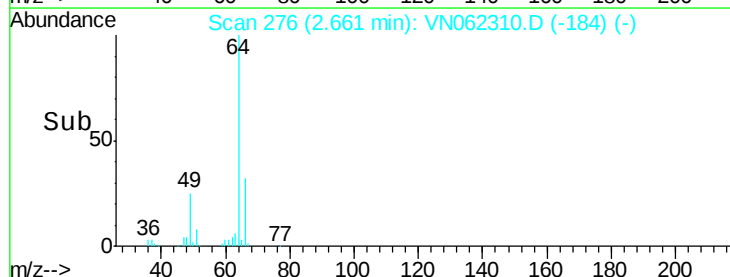
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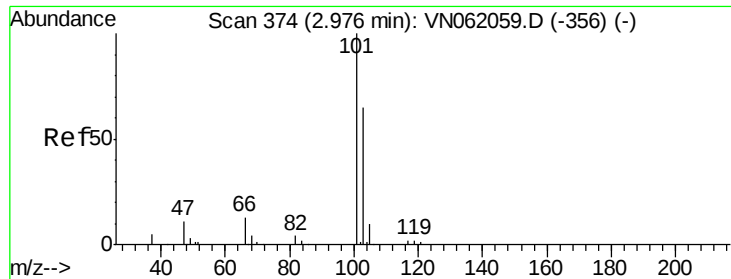
Time-->

2.60

2.70

2.80



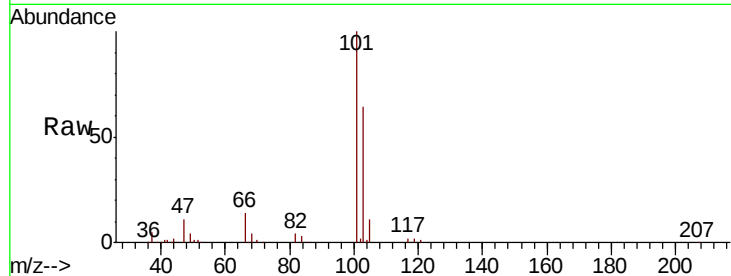


#7

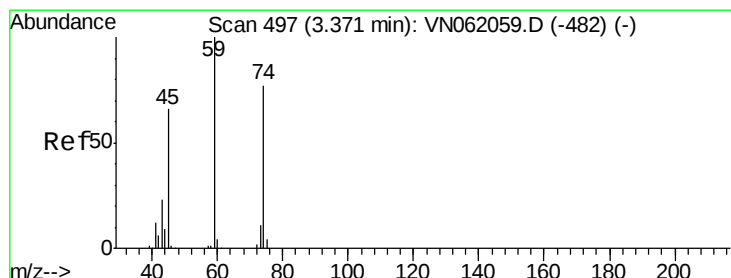
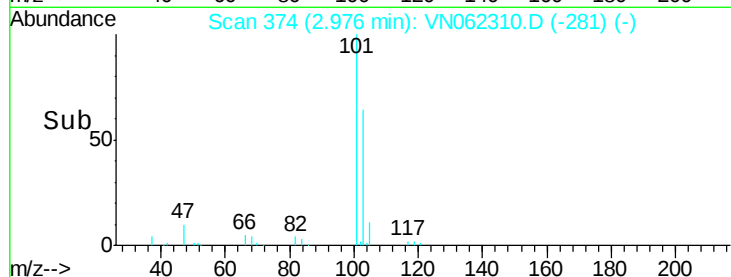
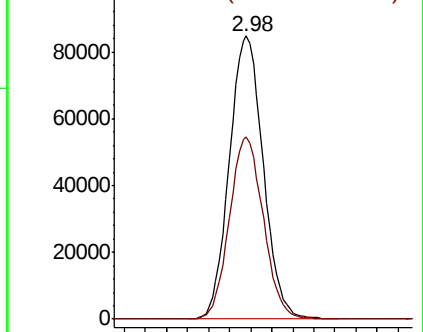
Trichlorofluoromethane
 Concen: 44.545 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062310.D
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Tot Ion:101 Resp: 188984
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6



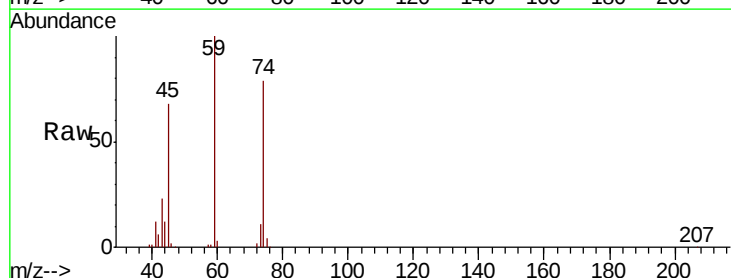
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



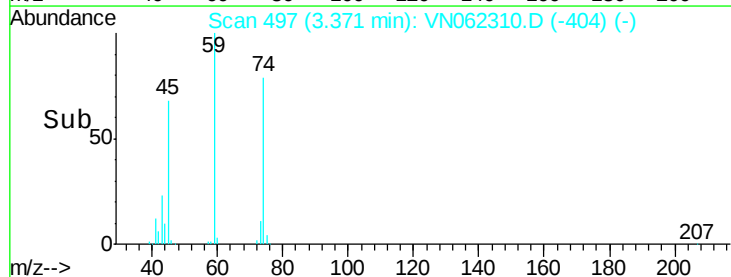
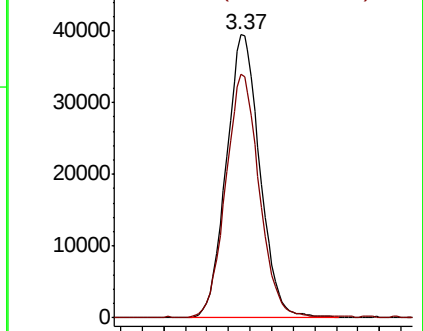
#8

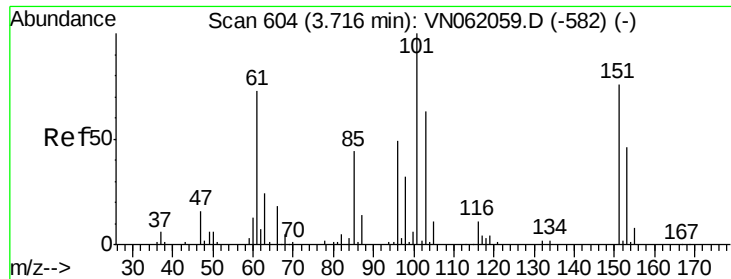
Diethyl Ether
 Concen: 57.754 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062310.D
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Tgt Ion: 74 Resp: 85558
 Ion Ratio Lower Upper
 74 100
 45 86.5 42.5 127.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.340 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

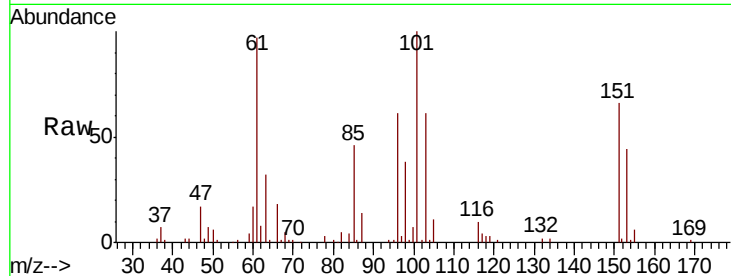
Tot Ion:101 Resp: 105174

Ion Ratio Lower Upper

101 100

85 45.5 34.5 51.7

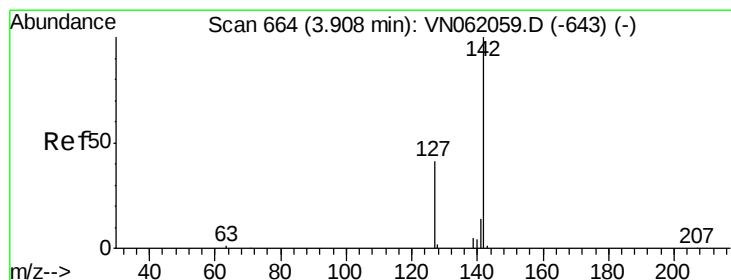
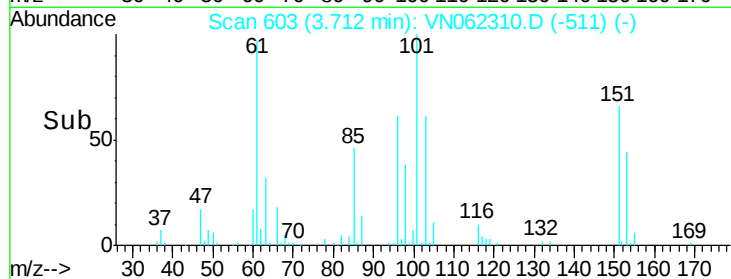
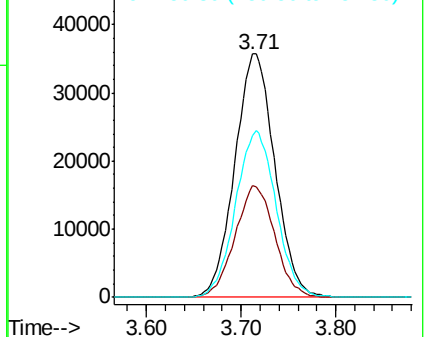
151 69.1 57.8 86.8



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: 51.152 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

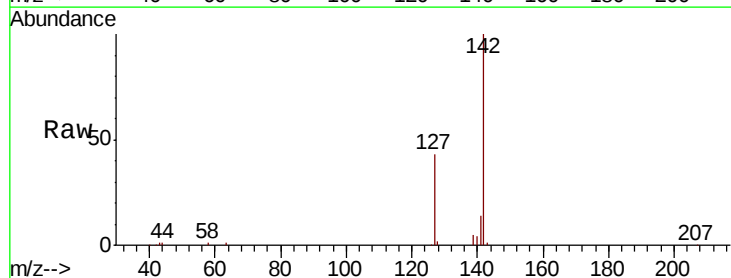
Tgt Ion:142 Resp: 127985

Ion Ratio Lower Upper

142 100

127 42.9 33.6 50.4

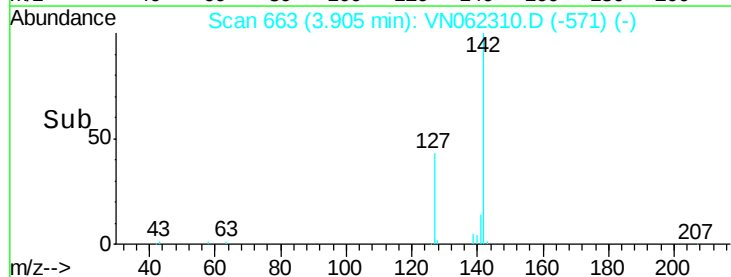
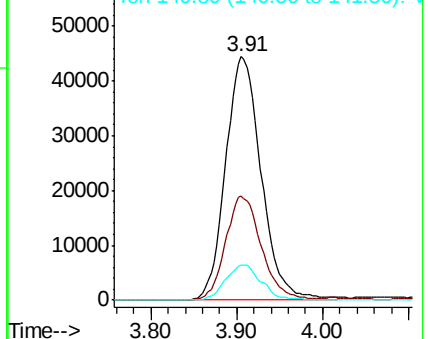
141 14.4 11.3 16.9

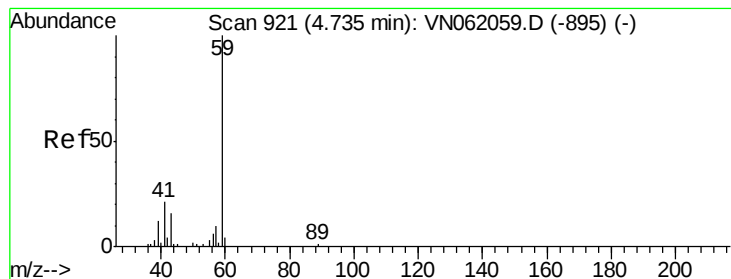


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



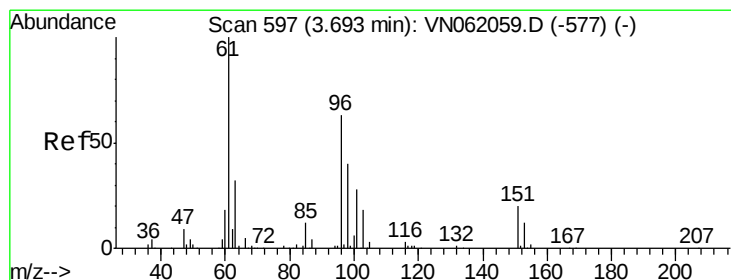
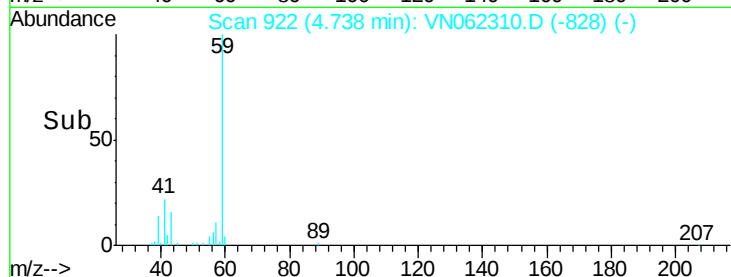
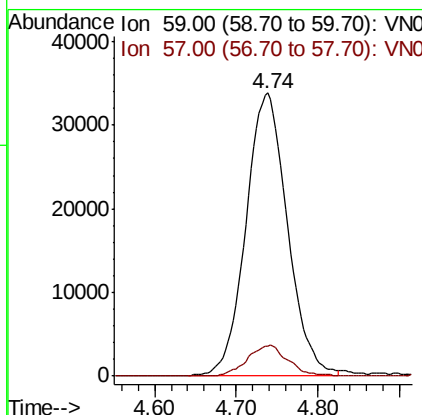
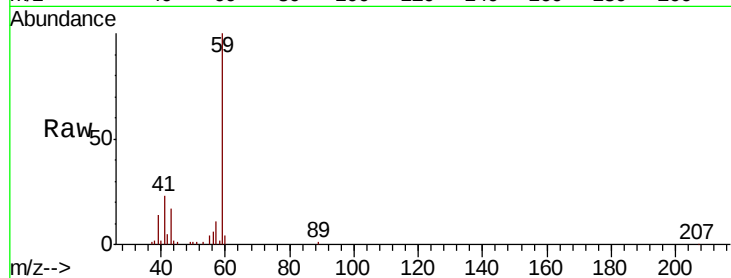


#11

Tert butyl alcohol
 Concen: 306.986 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

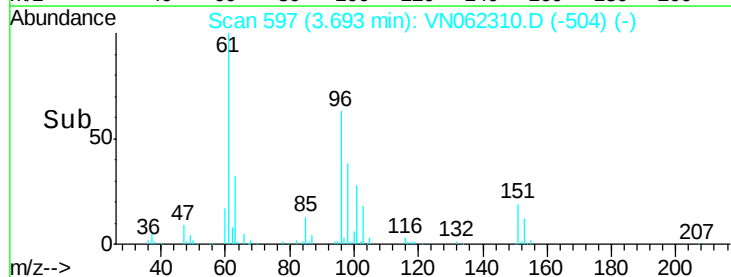
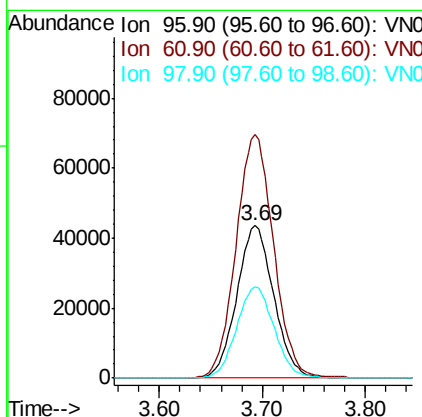
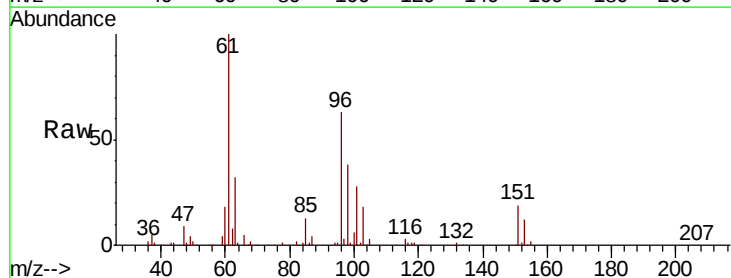
Tot Ion: 59 Resp: 119641
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

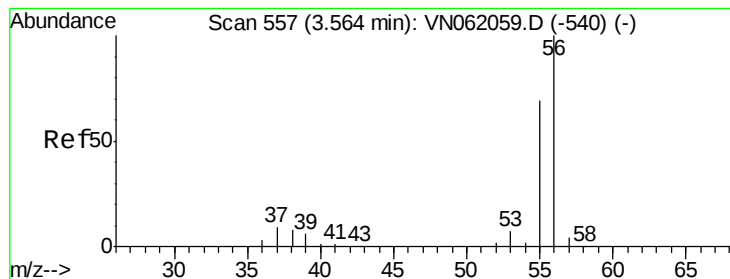


#12

1,1-Dichloroethene
 Concen: 48.877 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 96 Resp: 108555
 Ion Ratio Lower Upper
 96 100
 61 159.5 126.7 190.1
 98 59.9 51.0 76.4





#13

Acrolein

Concen: 251.835 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

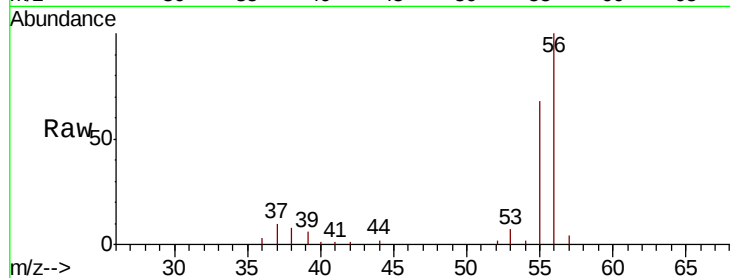
VSTDCCC050

Tot Ion: 56 Resp: 96092

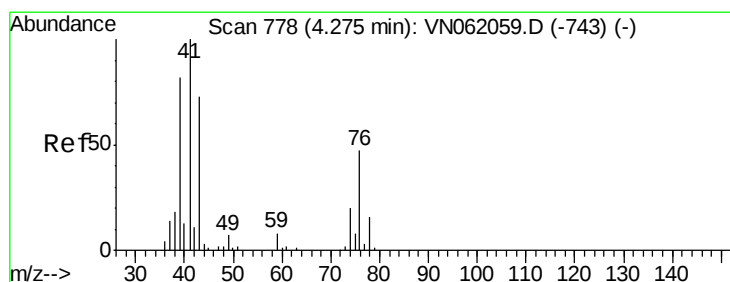
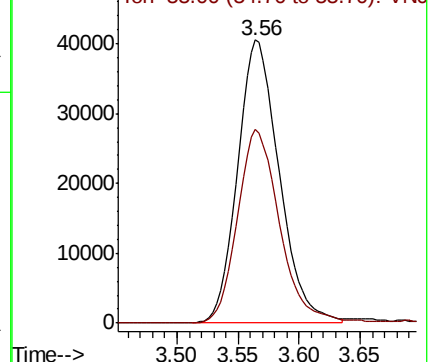
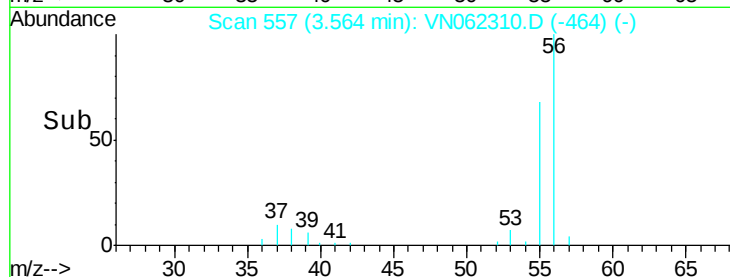
Ion Ratio Lower Upper

56 100

55 69.3 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062310.D (-464) (-)



#14

Allyl chloride

Concen: 55.822 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

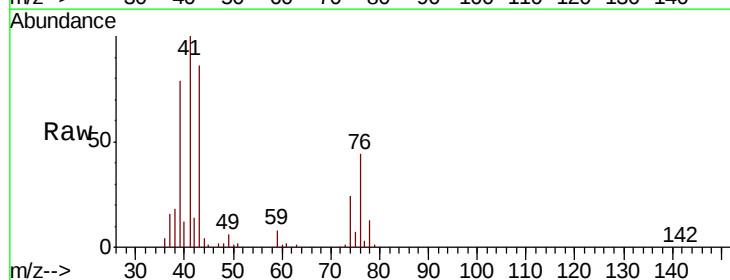
Tgt Ion: 41 Resp: 168798

Ion Ratio Lower Upper

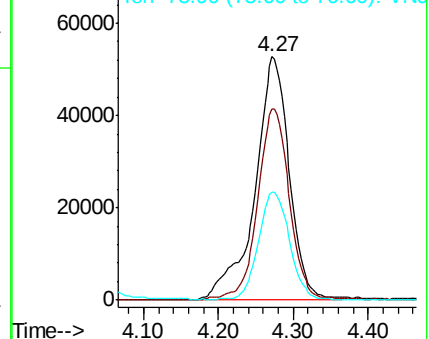
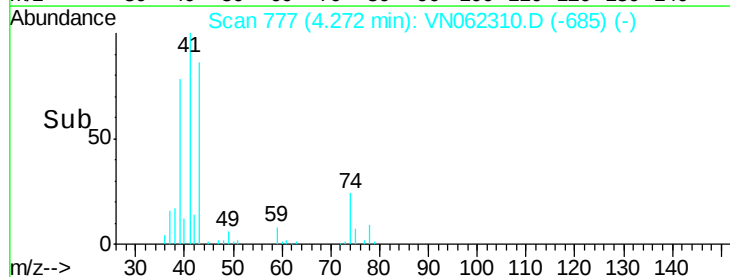
41 100

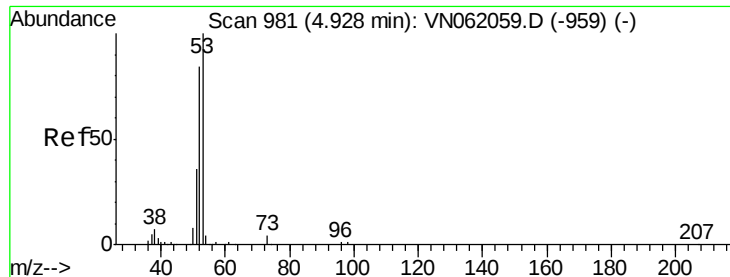
39 72.7 60.0 90.0

76 40.1 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062310.D (-685) (-)





#15

Acrylonitrile

Concen: 317.876 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

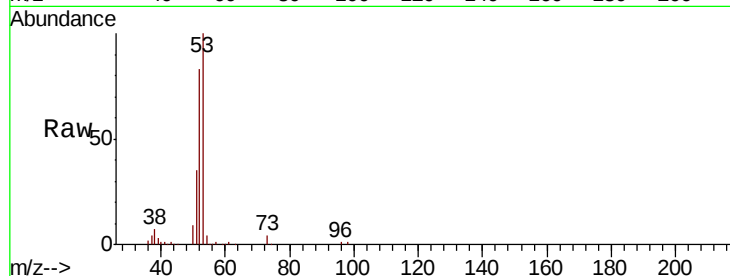
Tot Ion: 53 Resp: 337592

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.4

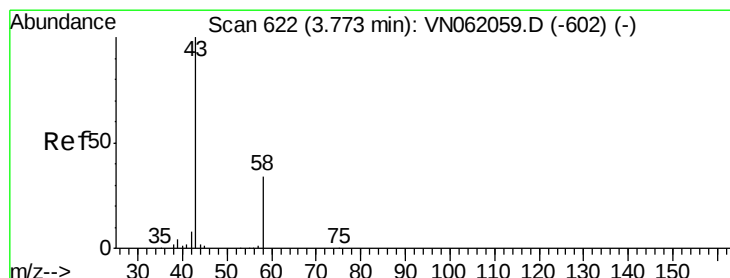
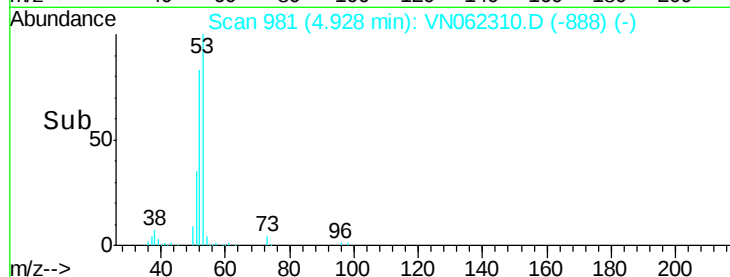
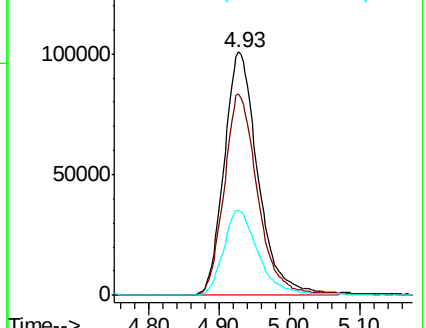
51 35.8 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062310.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062310.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062310.D (-888) (-)



#16

Acetone

Concen: 313.997 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062310.D

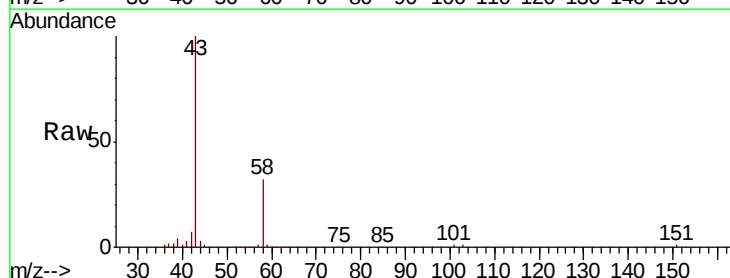
Acq: 1 Jul 2020 23:55

Tgt Ion: 43 Resp: 266646

Ion Ratio Lower Upper

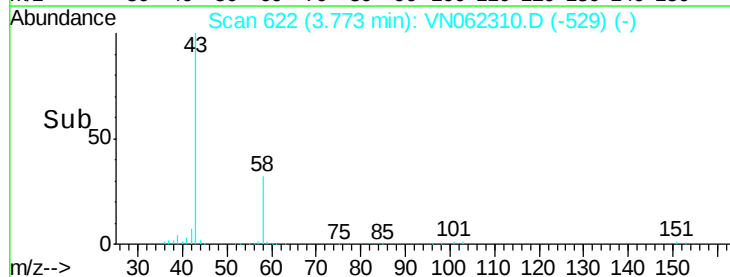
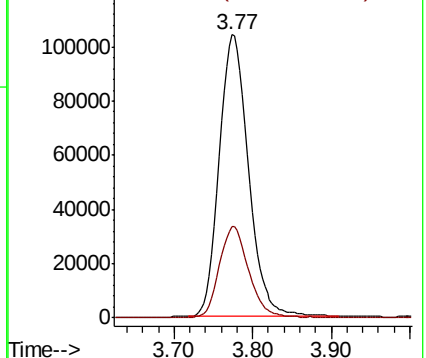
43 100

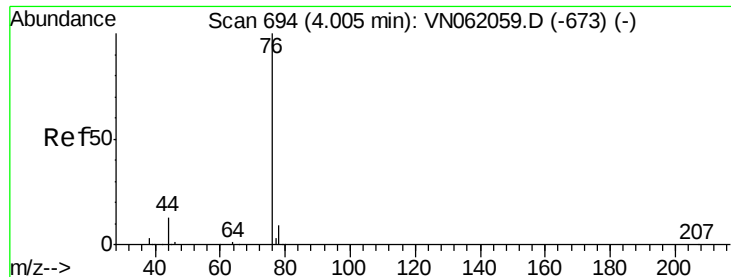
58 32.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062310.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062310.D (-529) (-)

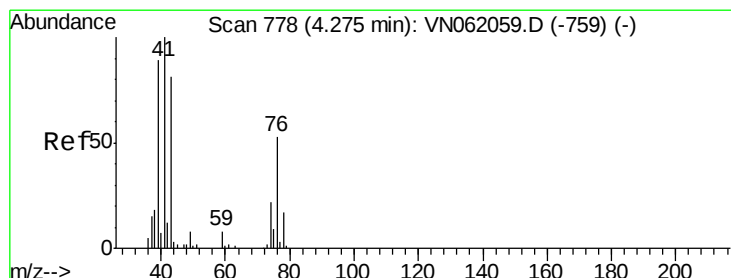
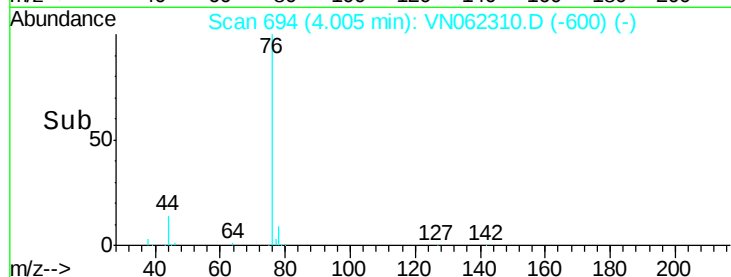
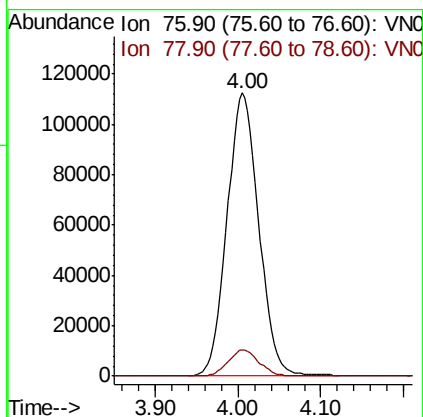
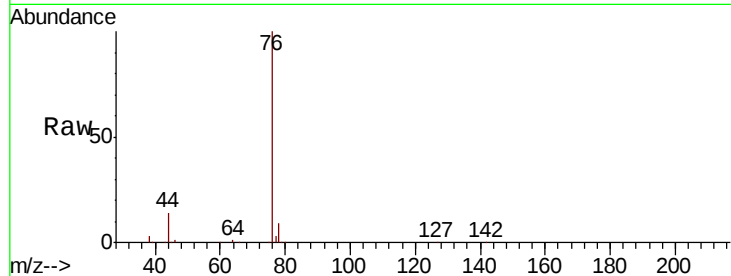




#17
Carbon Disulfide
Concen: 47.063 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

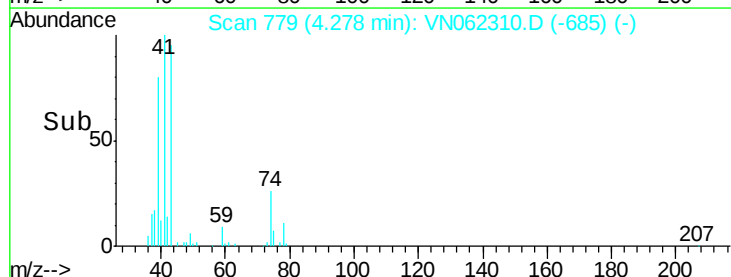
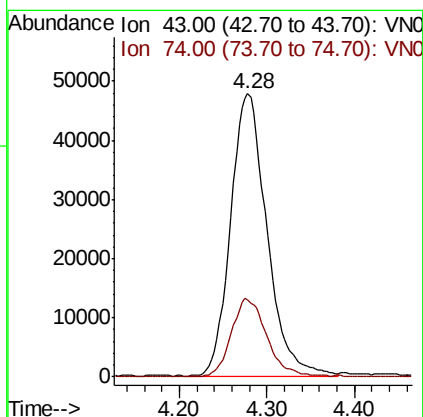
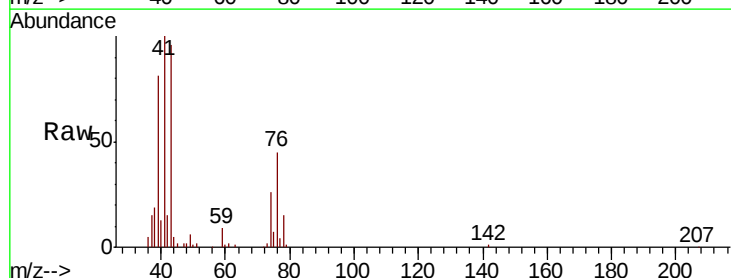
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 299375
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 63.660 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 43 Resp: 137365
Ion Ratio Lower Upper
43 100
74 27.2 22.9 34.3

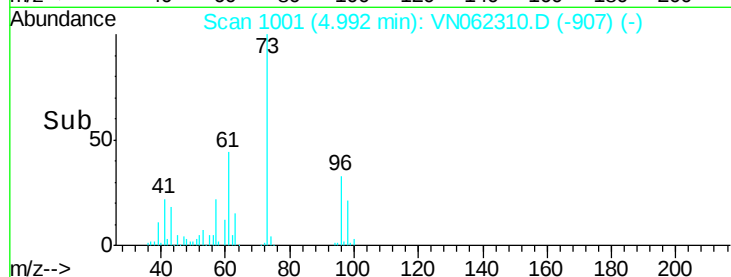
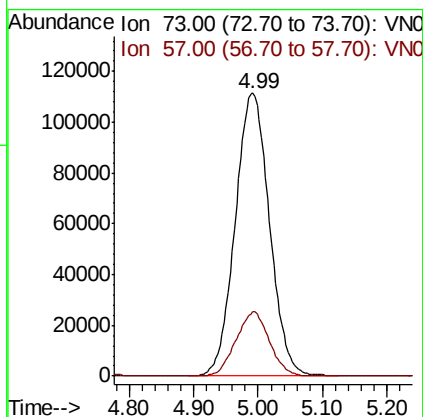
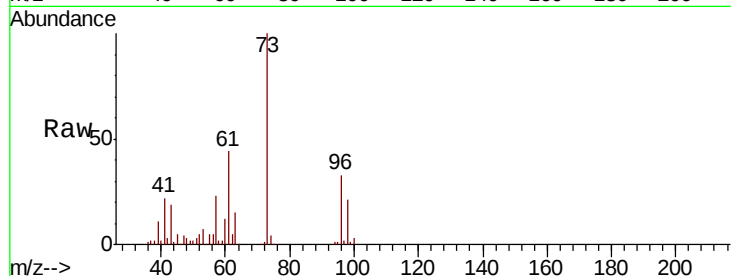




#19
Methvl tert-butvl Ether
Concen: 58.173 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

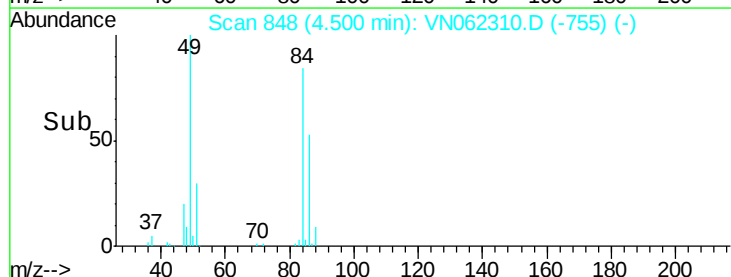
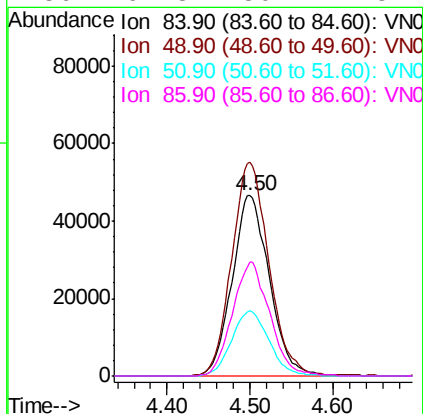
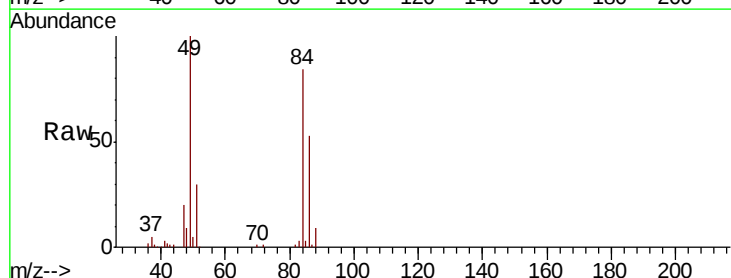
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 412851
Ion Ratio Lower Upper
73 100
57 22.7 16.6 24.8



#20
Methylene Chloride
Concen: 58.434 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 84 Resp: 145514
Ion Ratio Lower Upper
84 100
49 118.4 90.6 136.0
51 36.1 27.8 41.8
86 62.8 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.072 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

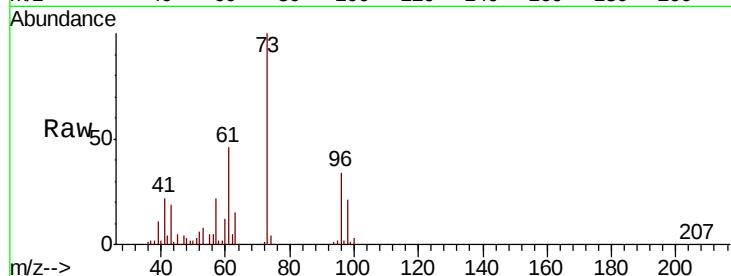
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 121630

Ion	Ratio	Lower	Upper
96	100		
61	136.8	101.4	152.2
98	62.6	49.3	73.9

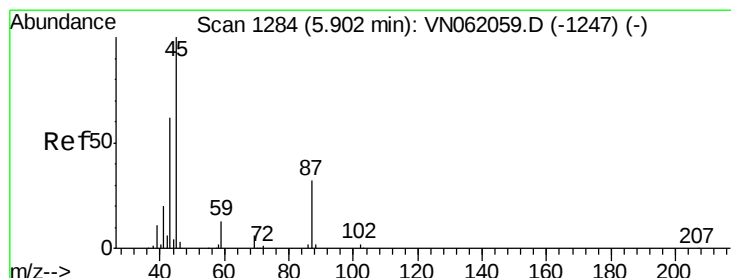
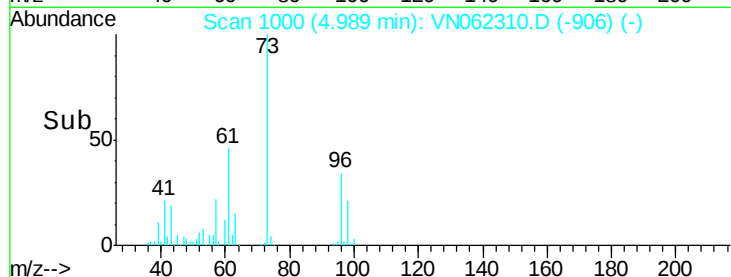
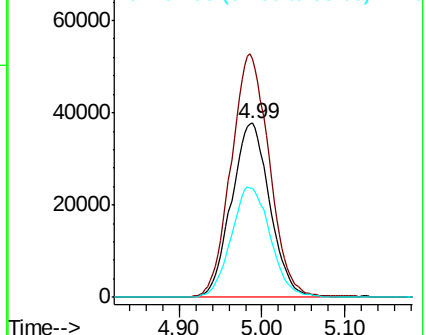


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 60.239 ug/l

RT: 5.90 min Scan# 1284

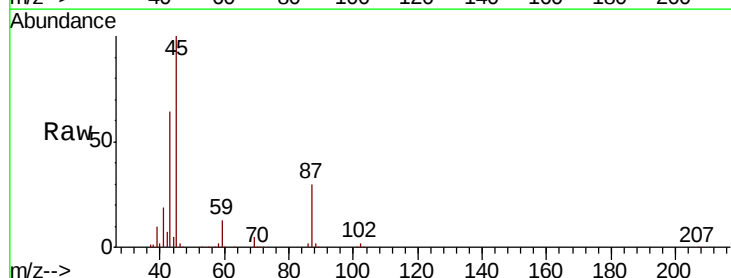
Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion: 45 Resp: 414742

Ion	Ratio	Lower	Upper
45	100		
43	61.7	49.7	74.5
87	30.1	25.9	38.9
59	12.3	10.6	16.0



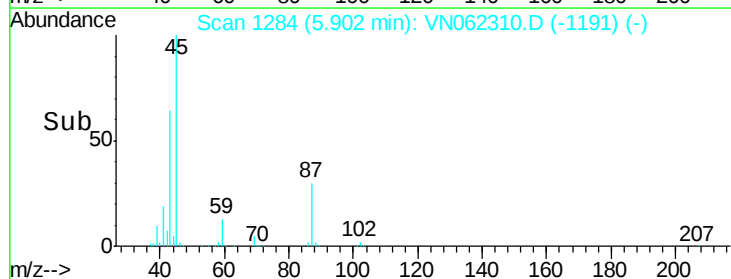
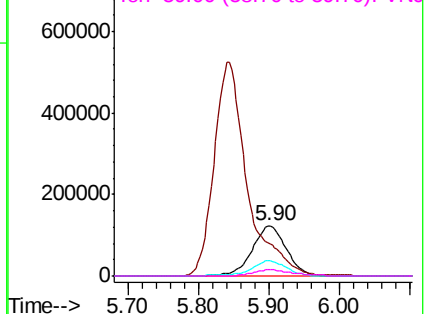
Abundance

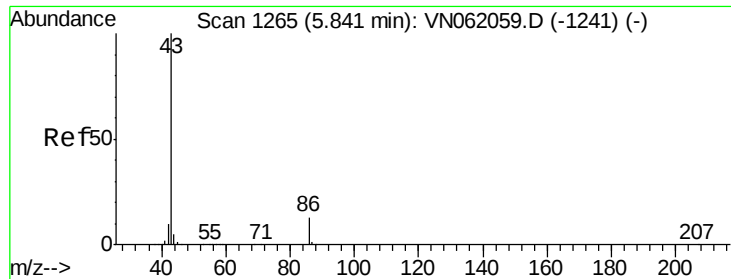
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 307.172 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

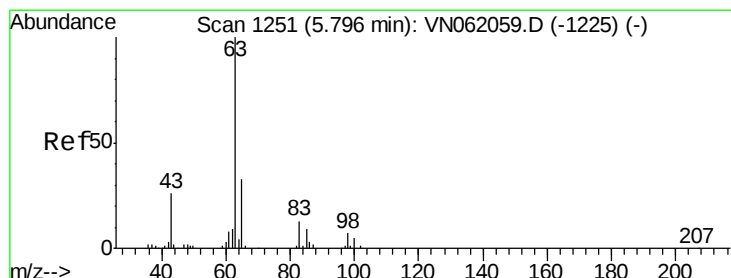
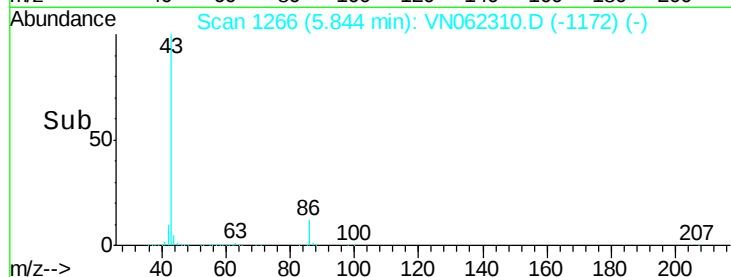
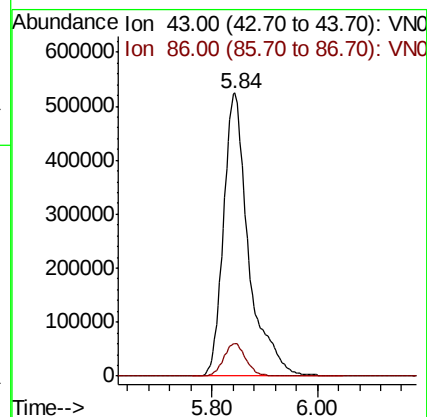
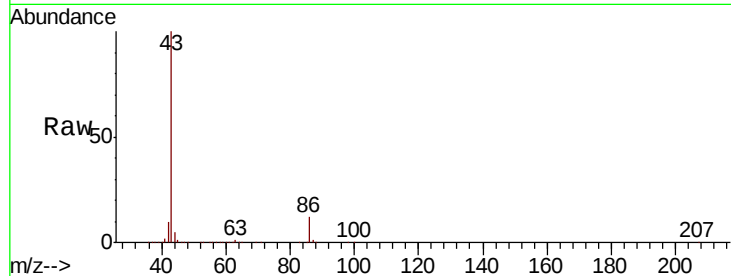
VSTDCCC050

Tot Ion: 43 Resp: 1726679

Ion Ratio Lower Upper

43 100

86 11.6 10.1 15.1



#24

1,1-Dichloroethane

Concen: 55.074 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

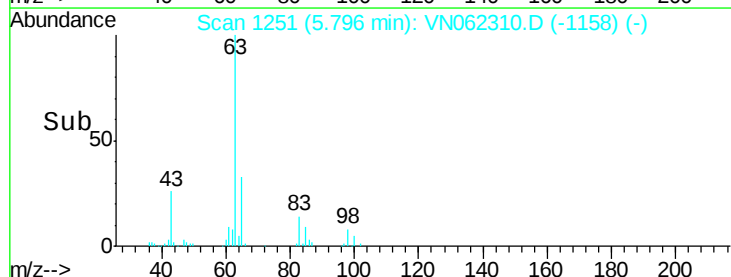
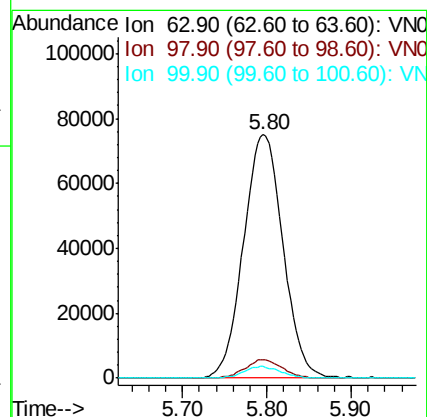
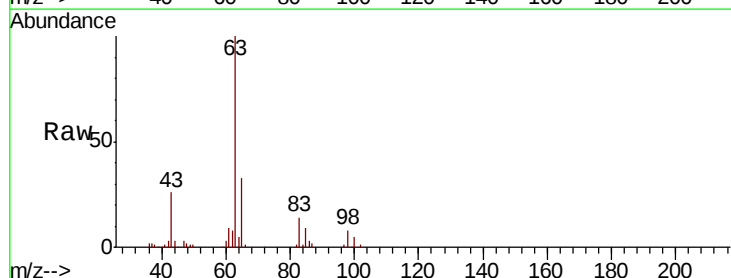
Tgt Ion: 63 Resp: 244172

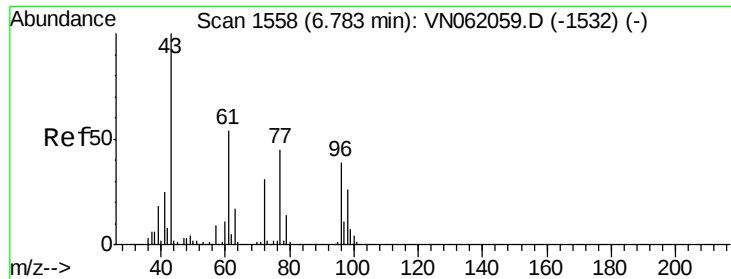
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.1

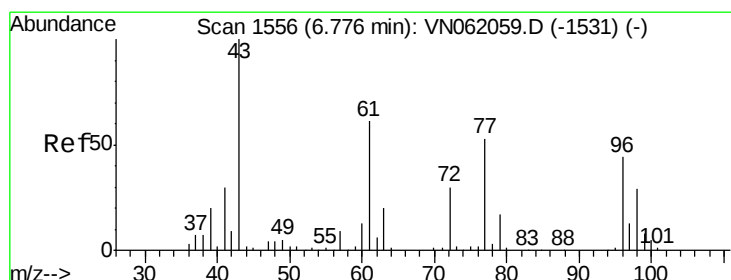
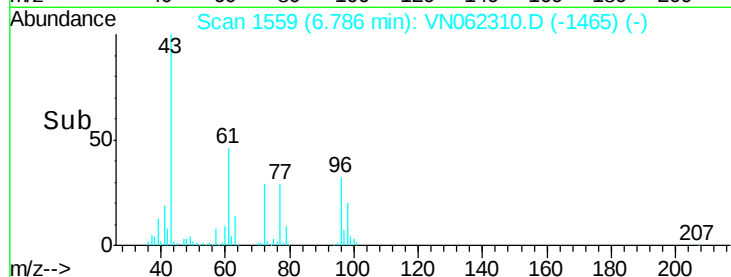
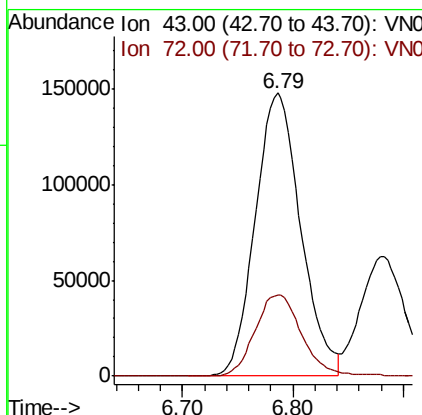
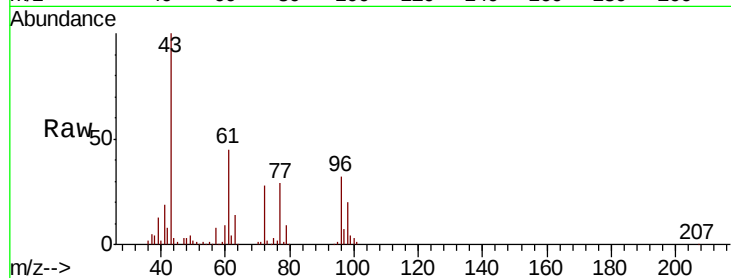




#25
 2-Butanone
 Concen: 317.286 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

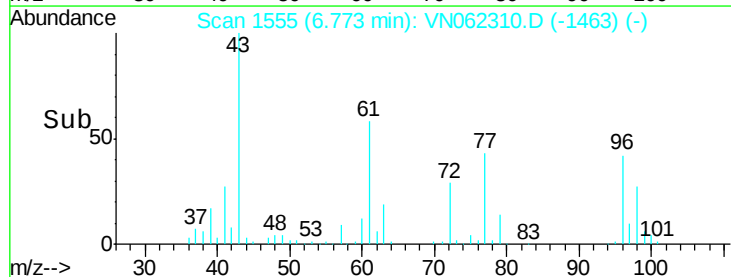
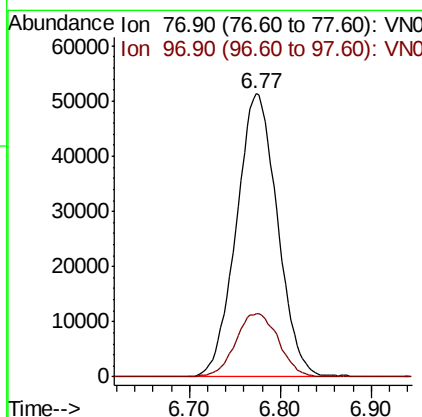
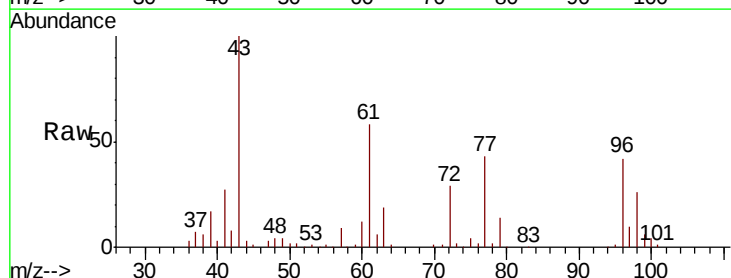
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

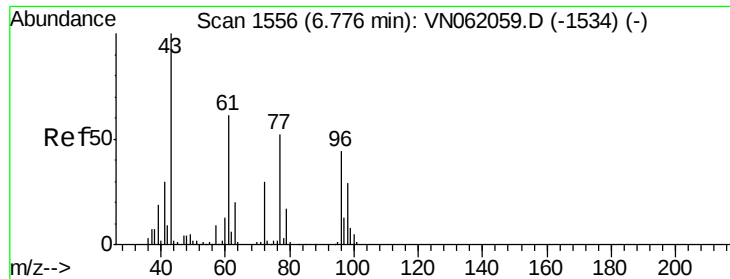
Tot Ion: 43 Resp: 420964
 Ion Ratio Lower Upper
 43 100
 72 28.5 24.8 37.2



#26
 2,2-Dichloropropane
 Concen: 43.568 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 77 Resp: 160962
 Ion Ratio Lower Upper
 77 100
 97 23.3 11.8 35.3

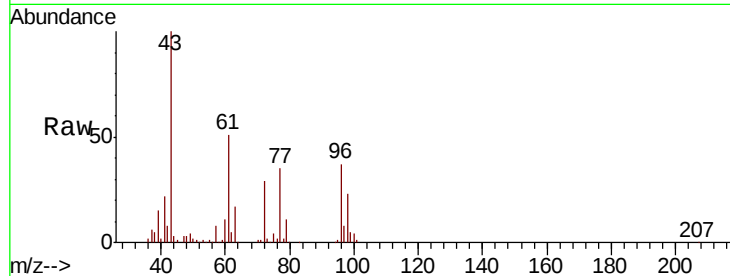




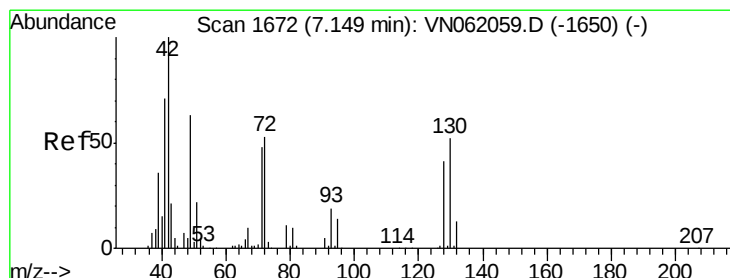
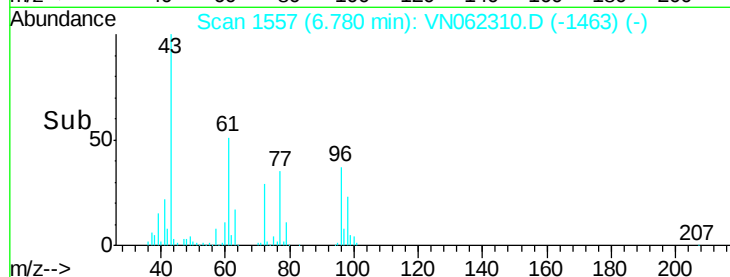
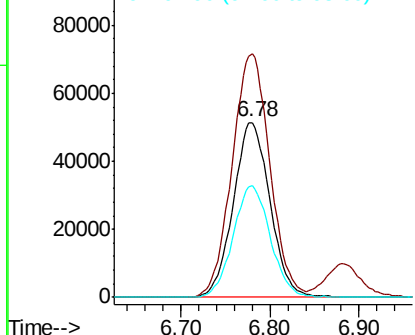
#27
 cis-1,2-Dichloroethene
 Concen: 51.793 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 147458
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 280.4
 98 64.3 0.0 129.4

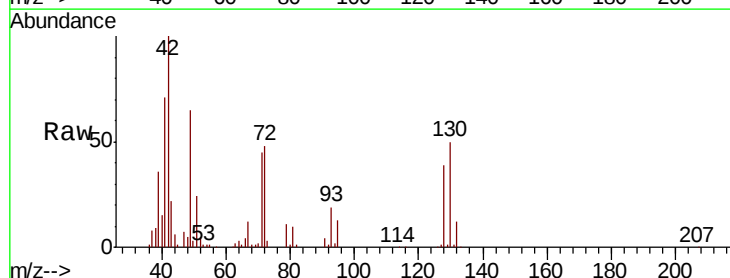


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

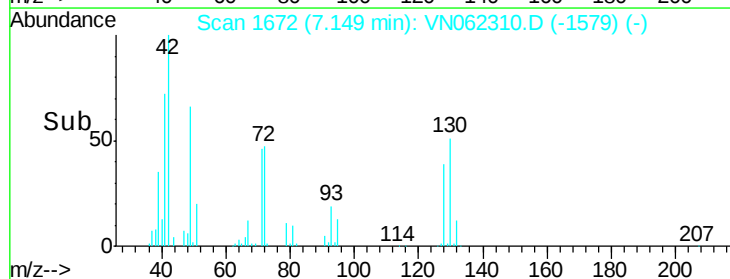
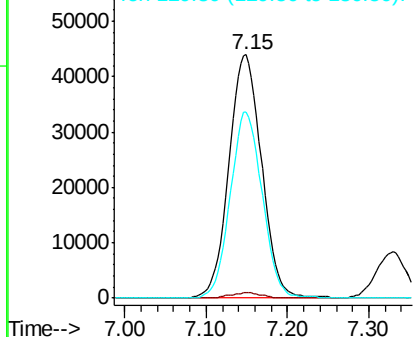


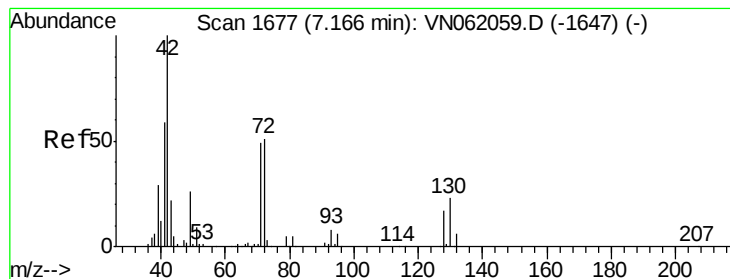
#28
 Bromochloromethane
 Concen: 63.822 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 49 Resp: 122770
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 74.8 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 327.015 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

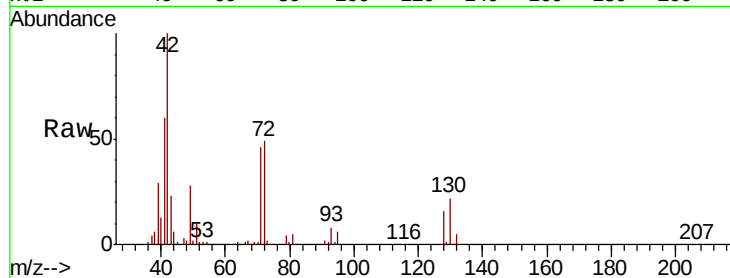
Tot Ion: 42 Resp: 284207

Ion Ratio Lower Upper

42 100

72 48.7 41.1 61.7

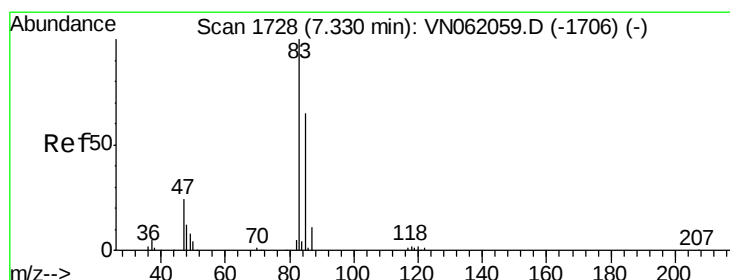
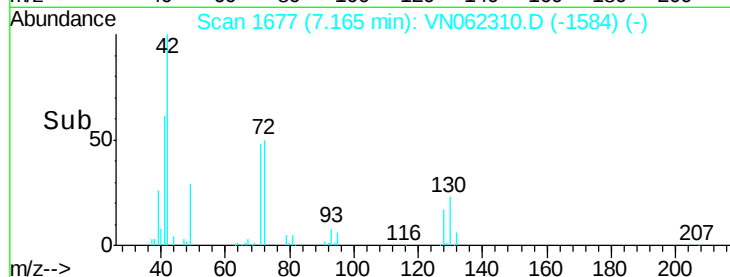
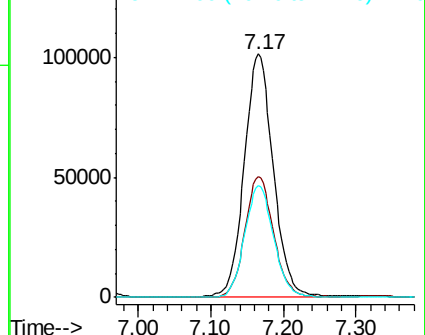
71 45.7 38.2 57.4



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: 54.401 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062310.D

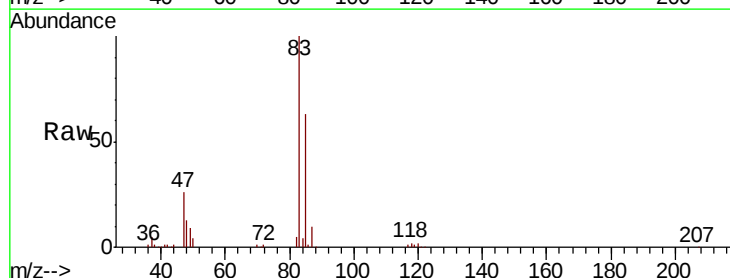
Acq: 1 Jul 2020 23:55

Tgt Ion: 83 Resp: 245391

Ion Ratio Lower Upper

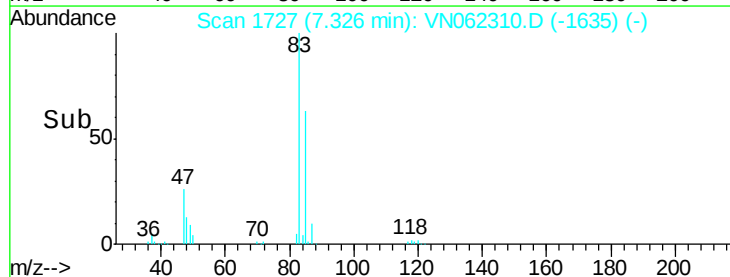
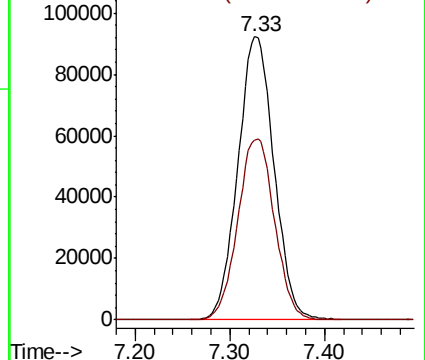
83 100

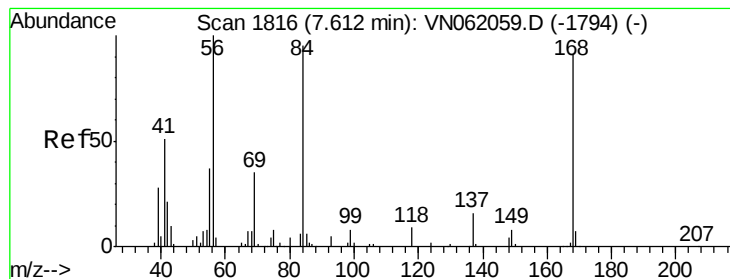
85 63.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.183 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

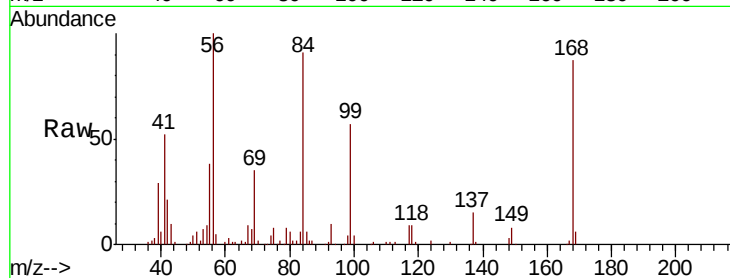
Tot Ion: 56 Resp: 184448

Ion Ratio Lower Upper

56 100

69 34.7 28.0 42.0

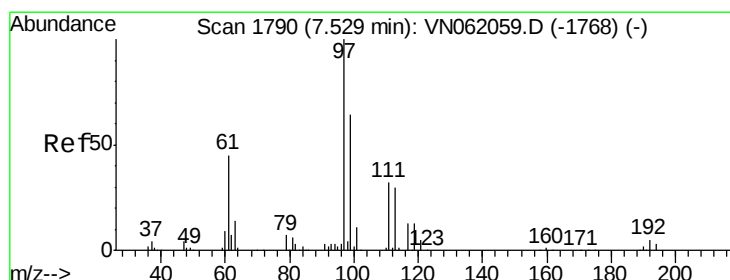
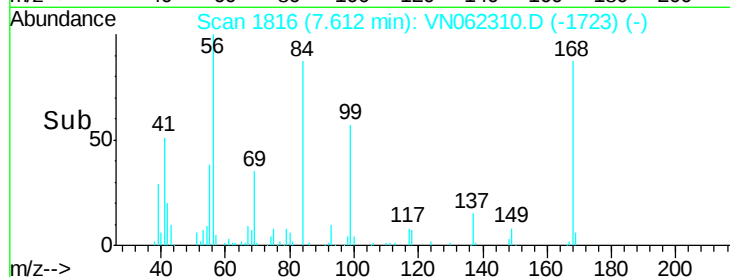
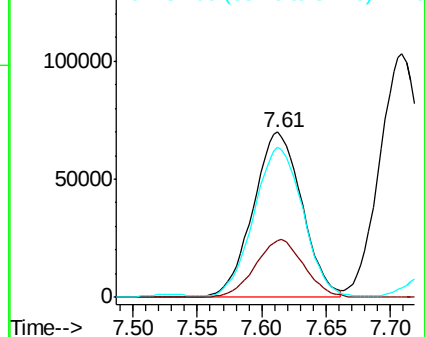
84 89.8 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062310.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062310.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062310.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 50.230 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

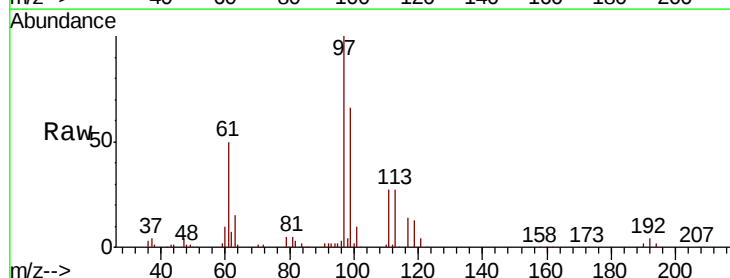
Tgt Ion: 97 Resp: 191078

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

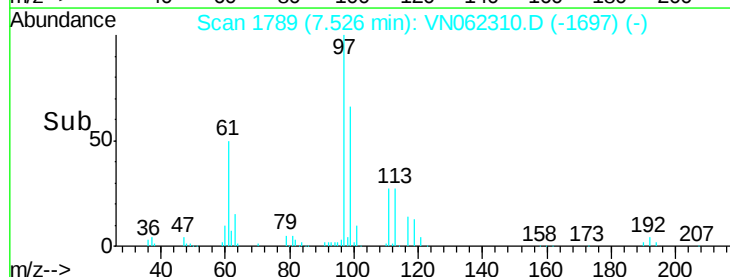
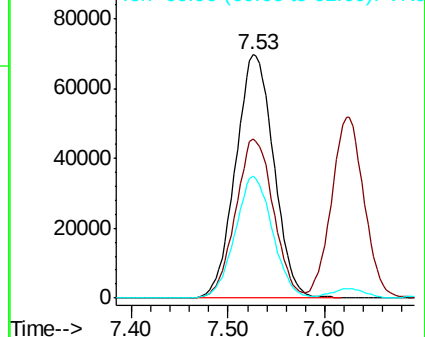
61 49.0 36.2 54.2

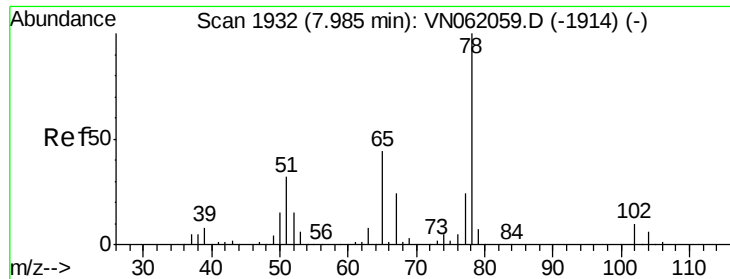


Abundance Ion 96.90 (96.60 to 97.60): VN062310.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062310.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062310.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.191 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

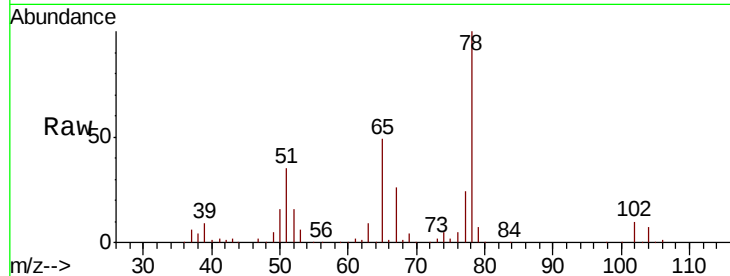
VSTDCCC050

Tot Ion: 65 Resp: 155240

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062310.D (-1839) (-)

Ion 66.90 (66.60 to 67.60): VN062310.D (-1839) (-)

7.99

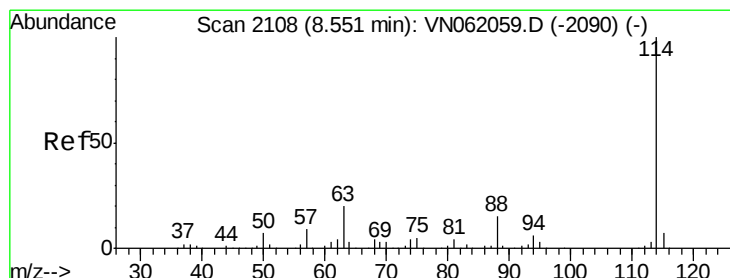
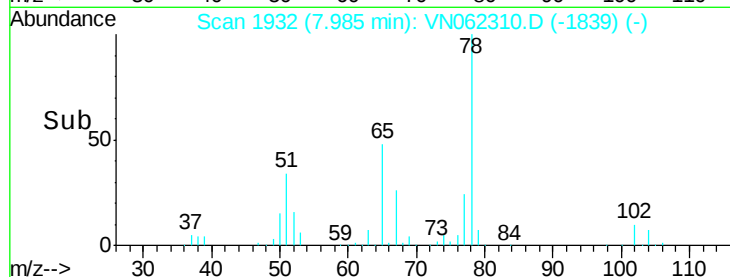
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

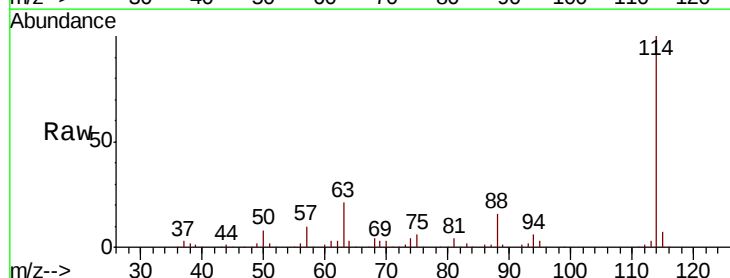
Tgt Ion: 114 Resp: 361454

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 15.7 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062310.D (-2015) (-)

Ion 63.00 (62.70 to 63.70): VN062310.D (-2015) (-)

Ion 87.90 (87.60 to 88.60): VN062310.D (-2015) (-)

8.55

200000

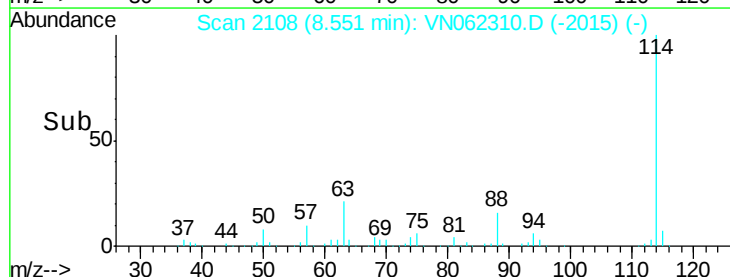
150000

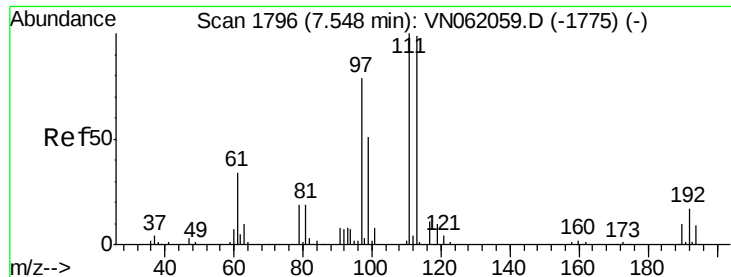
100000

50000

0

Time-->

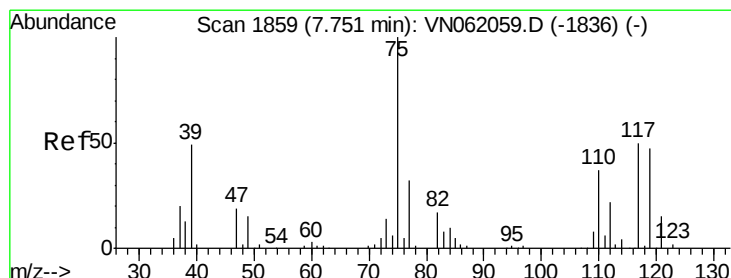
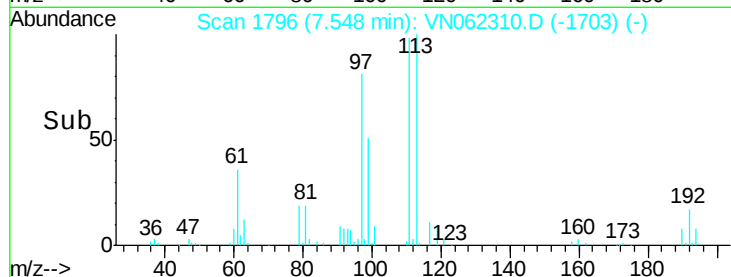
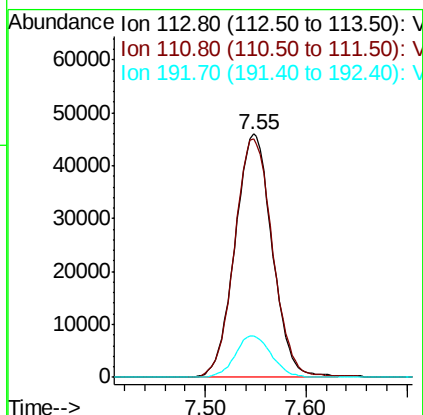
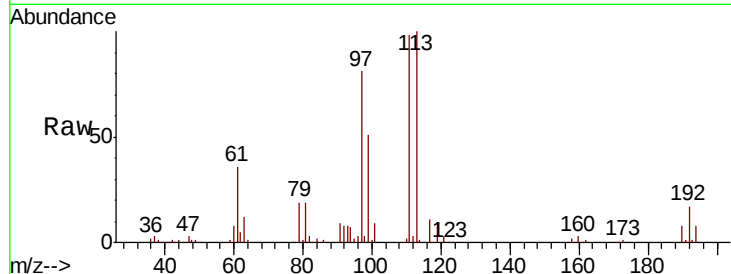




#35
Dibromofluoromethane
Concen: 50.681 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

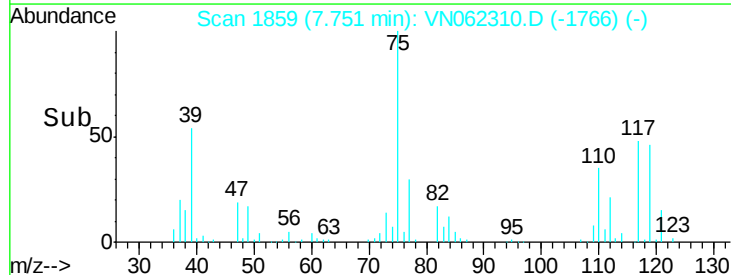
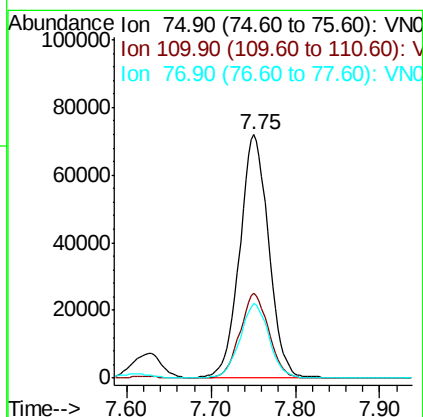
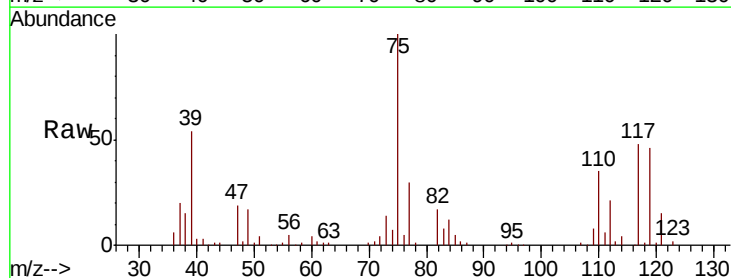
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:113 Resp: 117524
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 16.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 47.267 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 75 Resp: 171728
Ion Ratio Lower Upper
75 100
110 34.5 17.9 53.8
77 30.9 24.9 37.3

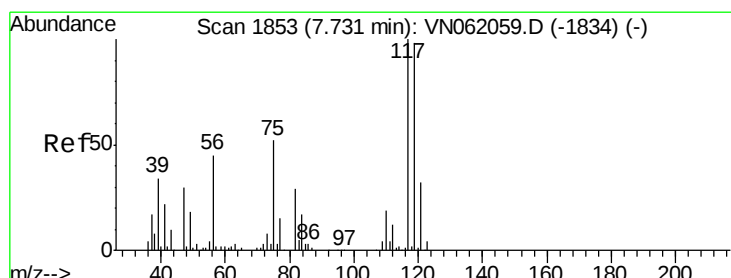
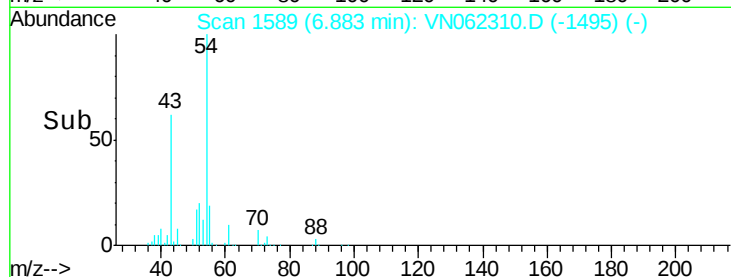
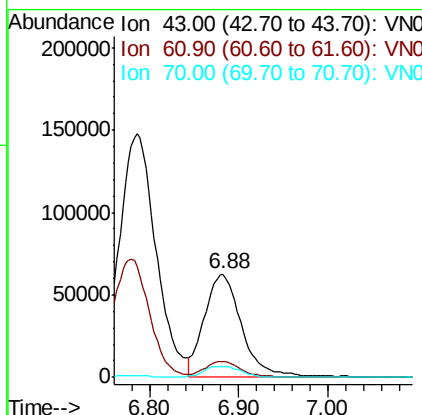
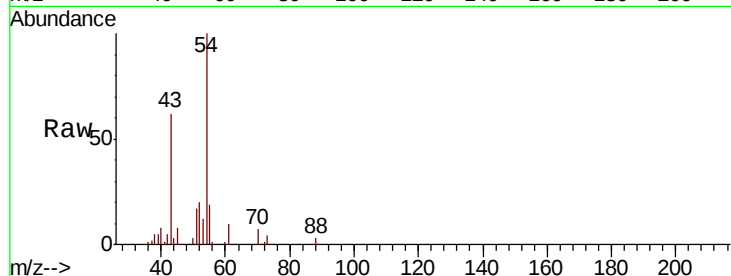




#37
Ethyl Acetate
Concen: 59.313 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

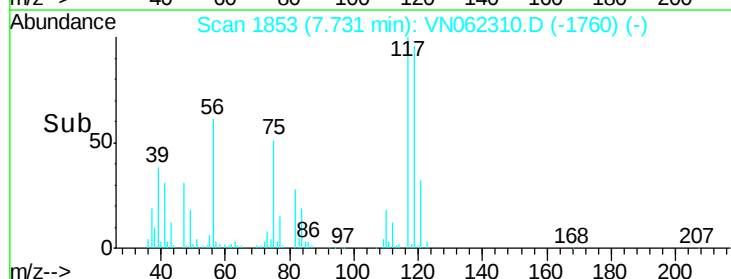
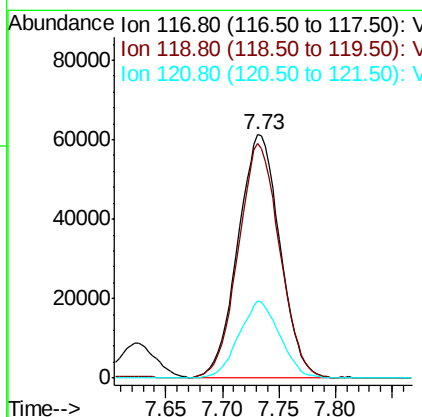
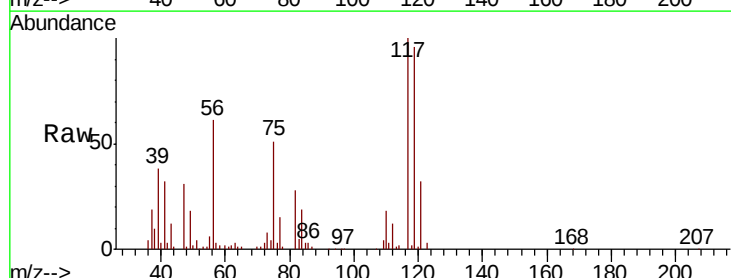
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

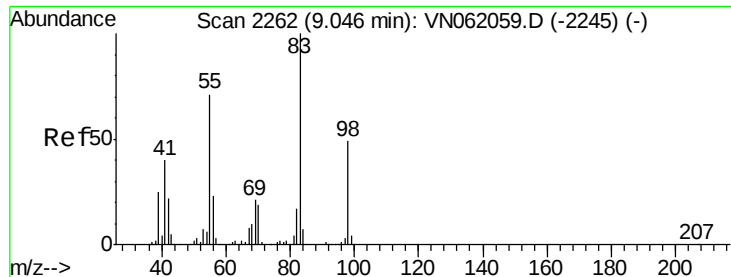
Tot Ion: 43 Resp: 178439
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.0 9.6 14.4



#38
Carbon Tetrachloride
Concen: 46.179 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 117 Resp: 158176
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.2
121 31.5 25.8 38.6

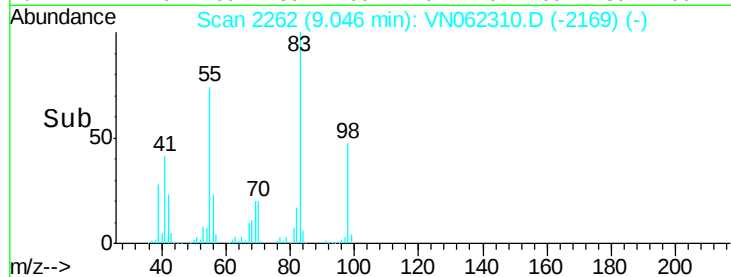
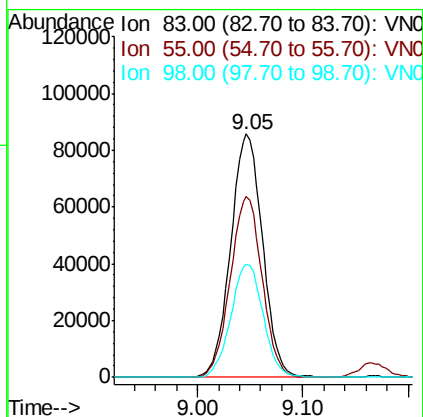
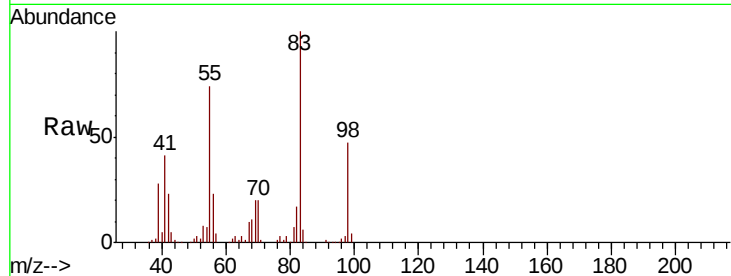




#39
Methvlcvclohexane
Concen: 45.106 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

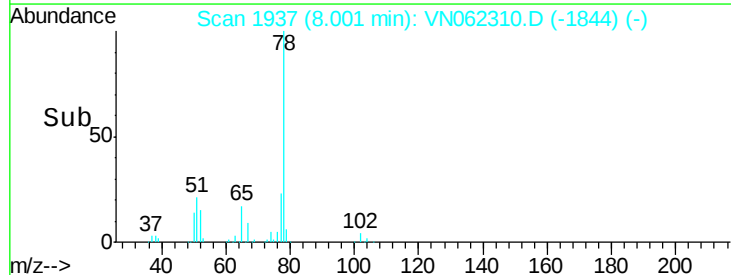
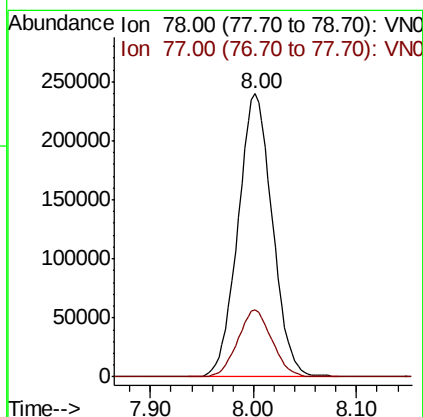
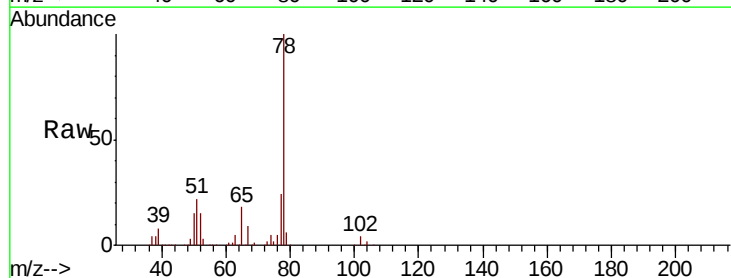
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

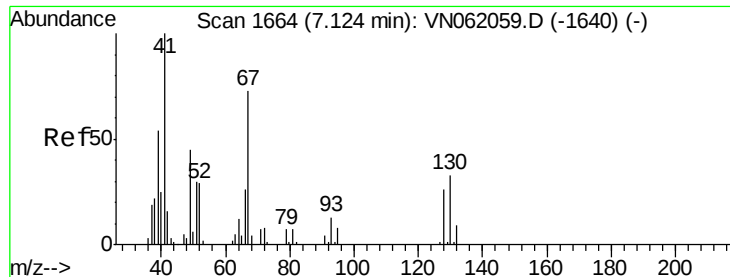
Tot Ion: 83 Resp: 179559
Ion Ratio Lower Upper
83 100
55 74.3 57.0 85.6
98 46.6 39.0 58.6



#40
Benzene
Concen: 50.206 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 78 Resp: 555970
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

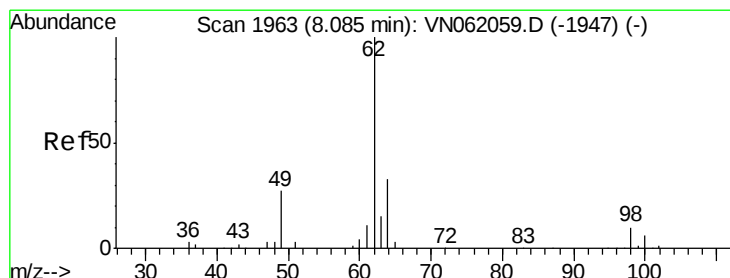
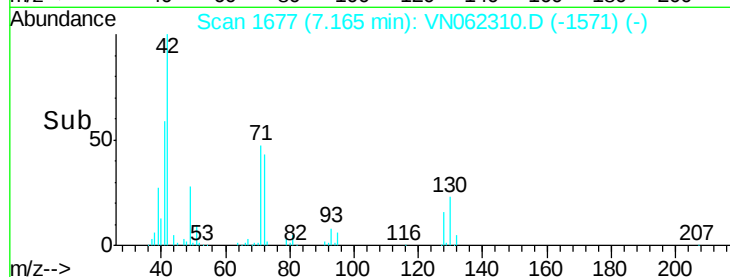
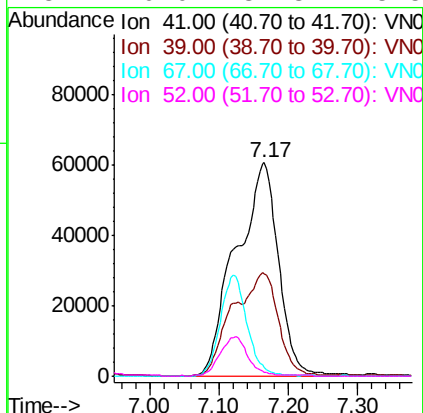
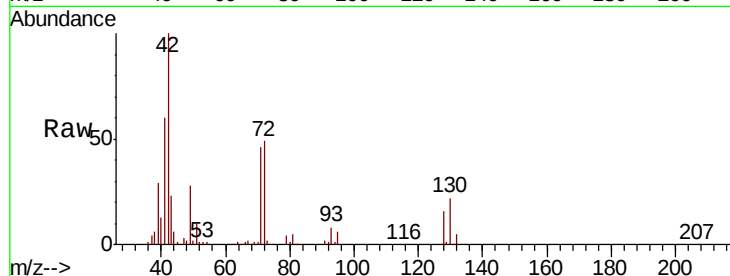




#41
Methacrylonitrile
Concen: 184.713 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

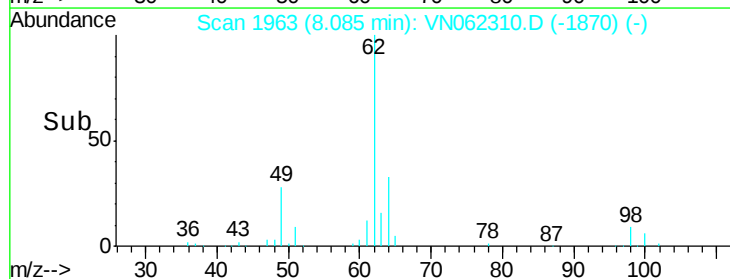
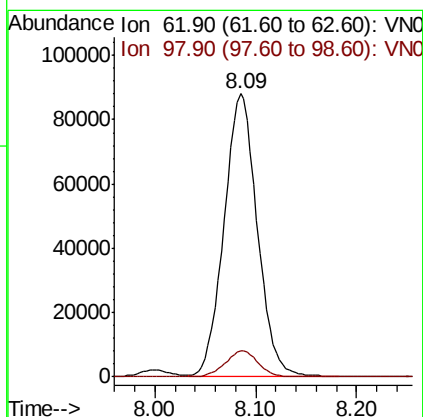
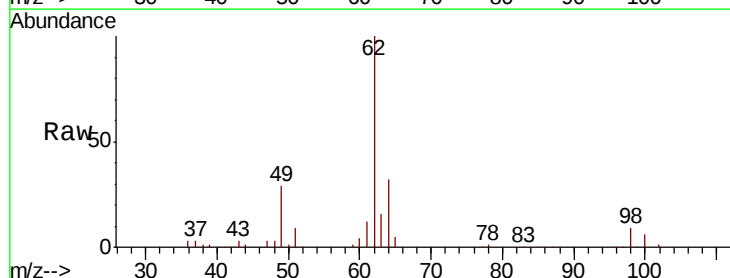
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

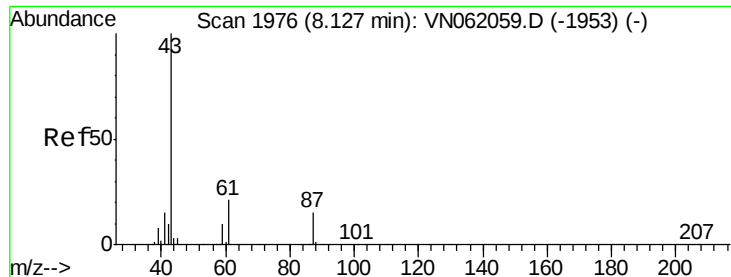
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#



#42
1,2-Dichloroethane
Concen: 53.786 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 58.510 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

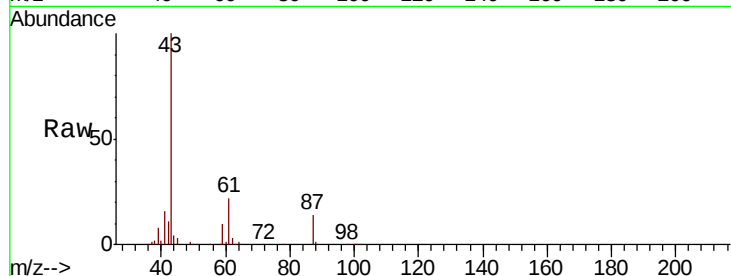
Tot Ion: 43 Resp: 286950

Ion Ratio Lower Upper

43 100

61 22.0 17.2 25.8

87 14.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062310.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062310.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062310.D (-1883) (-)

8.13

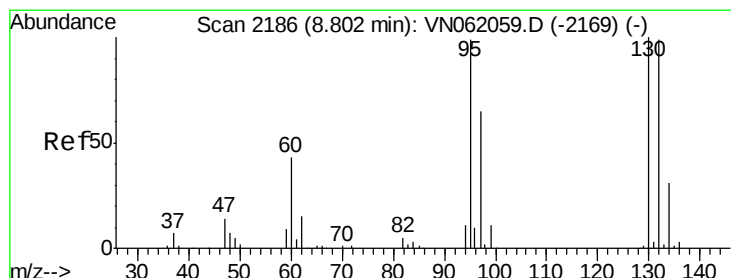
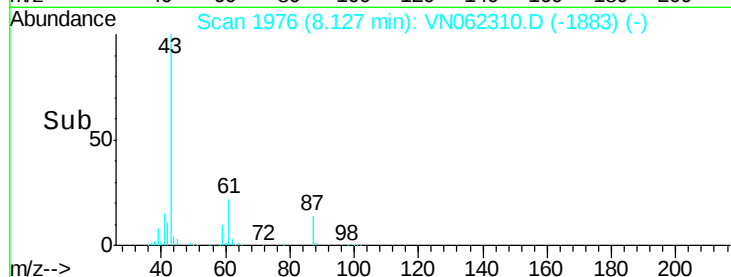
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 44.929 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062310.D

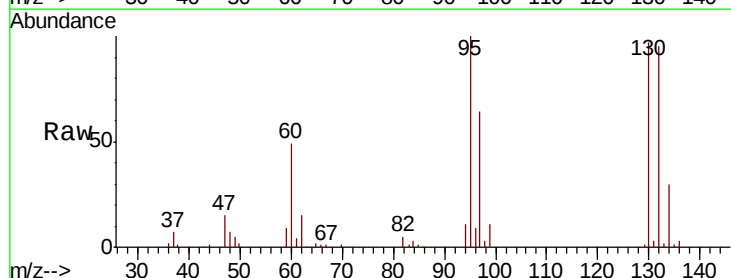
Acq: 1 Jul 2020 23:55

Tgt Ion:130 Resp: 125505

Ion Ratio Lower Upper

130 100

95 103.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062310.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062310.D (-2093) (-)

8.80

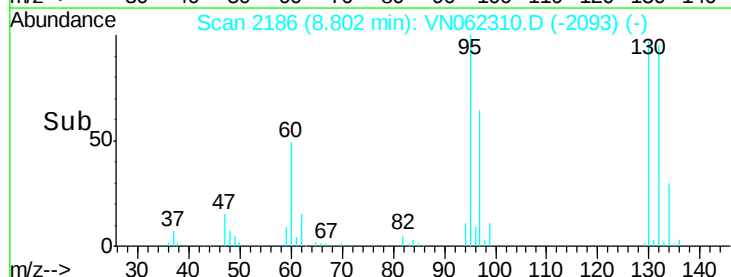
60000

40000

20000

0

Time-->

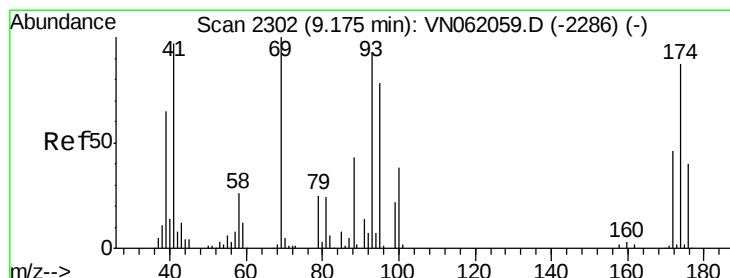
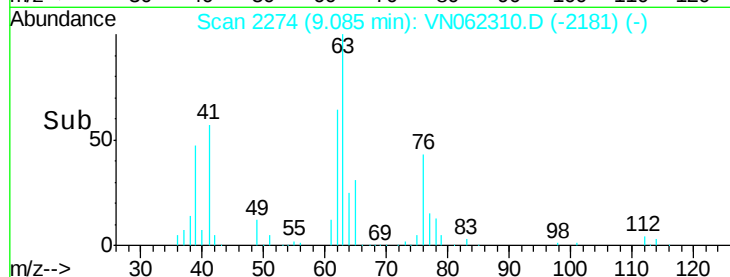
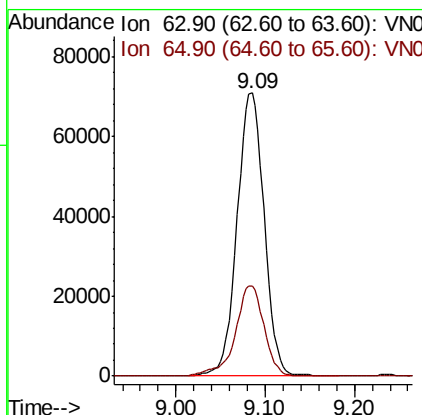
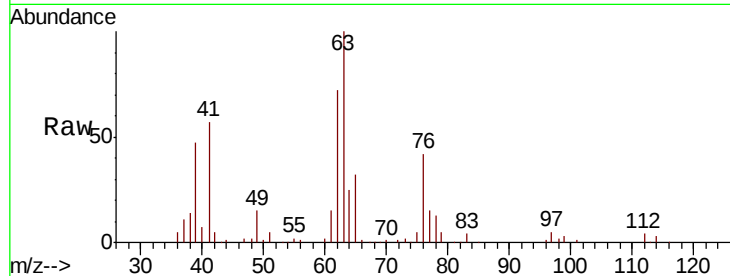




#45
 1,2-Dichloropropane
 Concen: 54.871 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

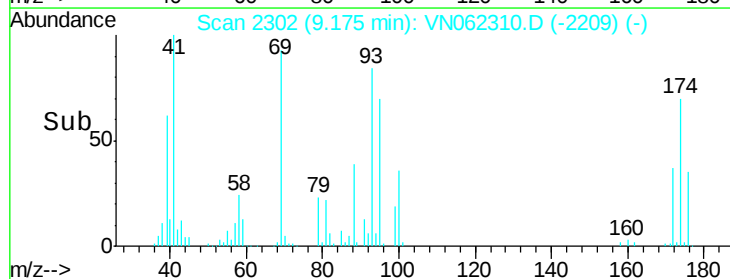
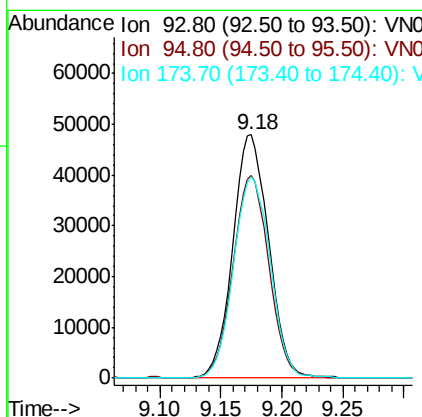
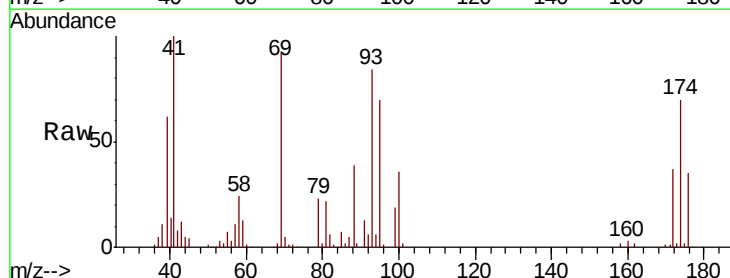
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

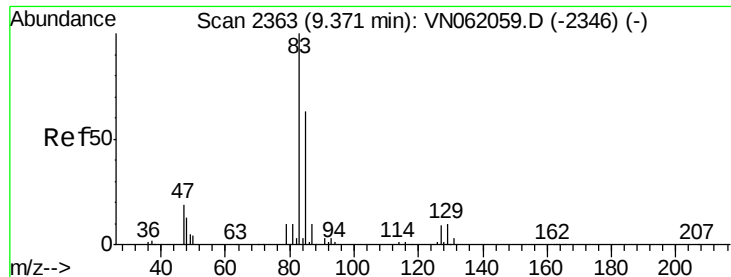
Tot Ion: 63 Resp: 149903
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.4



#46
 Dibromomethane
 Concen: 52.792 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 93 Resp: 97785
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 84.8 74.4 111.6





#47

Bromodichloromethane

Concen: 53.522 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

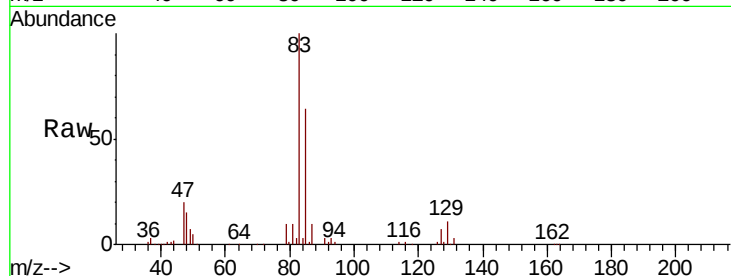
Tot Ion: 83 Resp: 200171

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

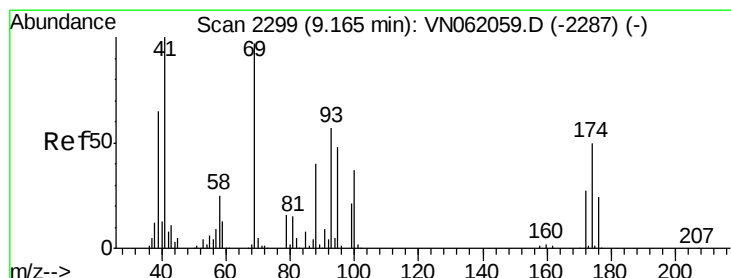
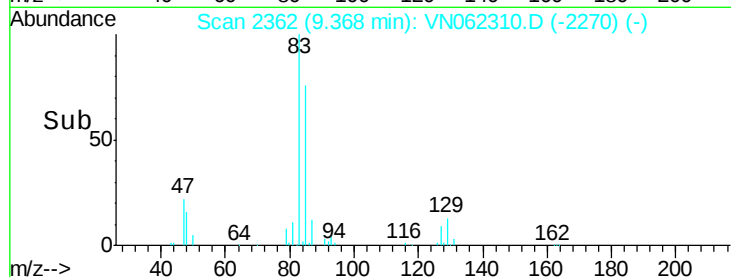
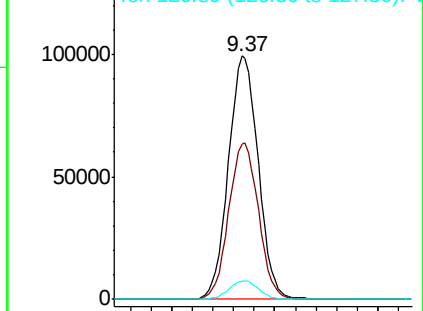
127 7.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062310.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062310.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062310.D (-2270) (-)



#48

Methyl methacrylate

Concen: 62.221 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

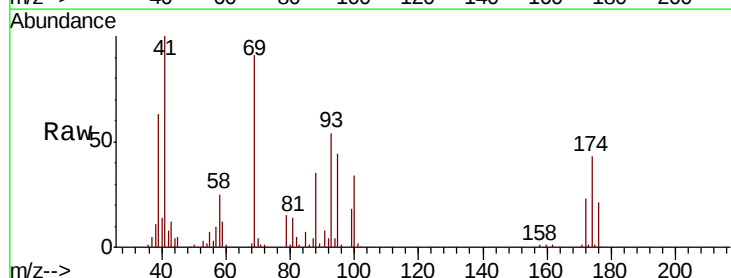
Tgt Ion: 41 Resp: 136819

Ion Ratio Lower Upper

41 100

69 93.3 80.7 121.1

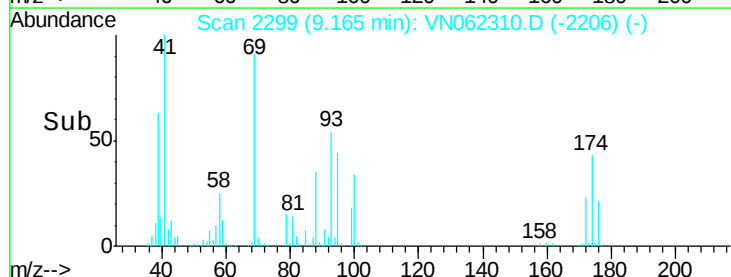
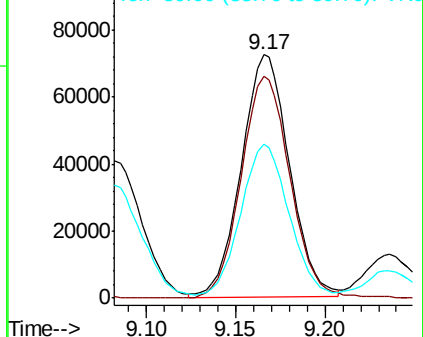
39 63.6 54.5 81.7

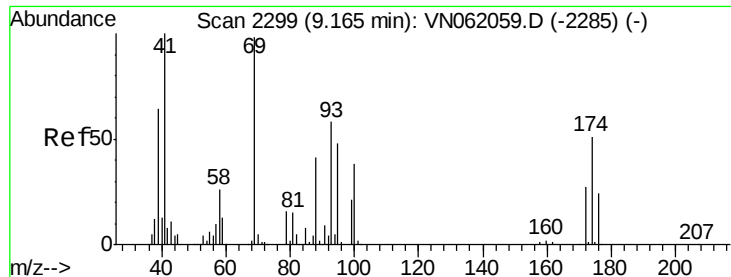


Abundance Ion 41.00 (40.70 to 41.70): VN062310.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062310.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062310.D (-2206) (-)

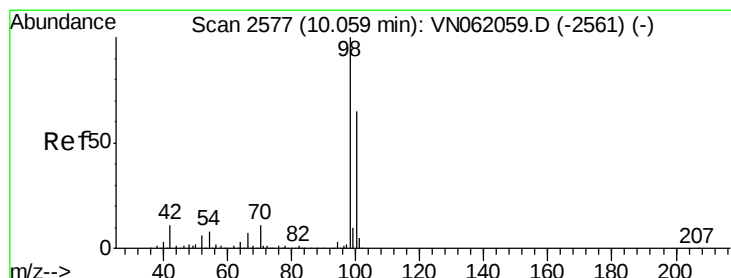
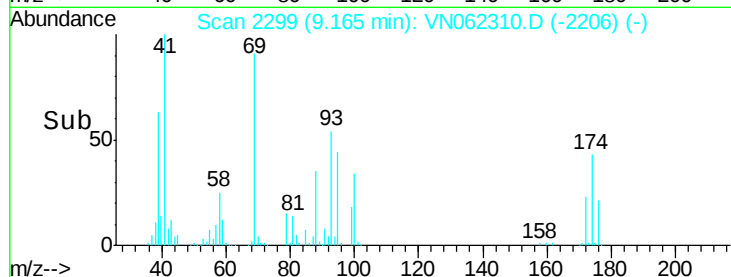
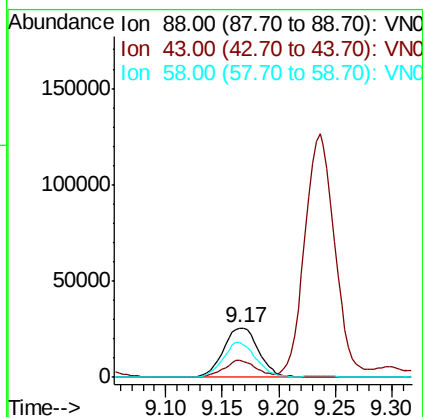
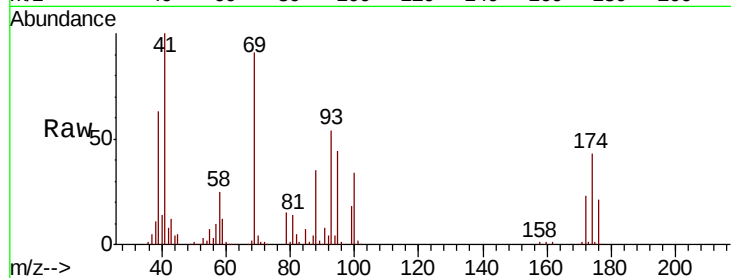




#49
 1,4-Dioxane
 Concen: 1155.175 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

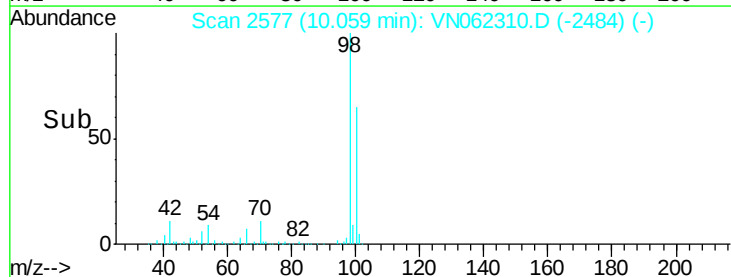
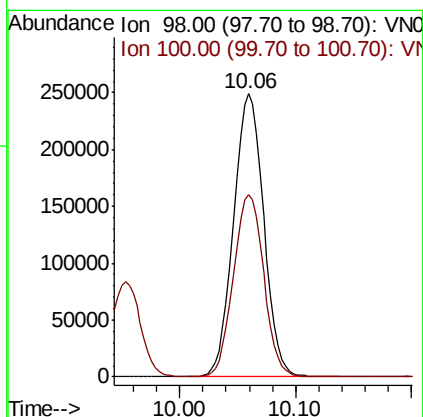
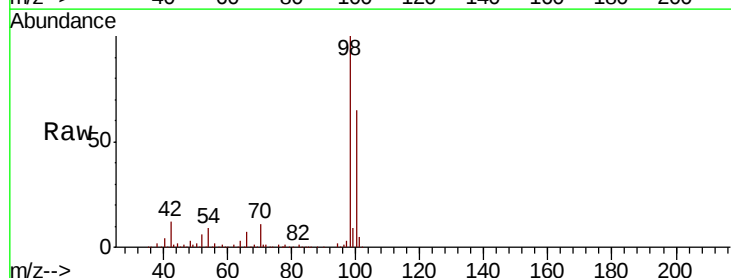
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 56331
 Ion Ratio Lower Upper
 88 100
 43 31.6 22.0 33.0
 58 65.8 49.2 73.8



#50
 Toluene-d8
 Concen: 48.321 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 98 Resp: 447908
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8

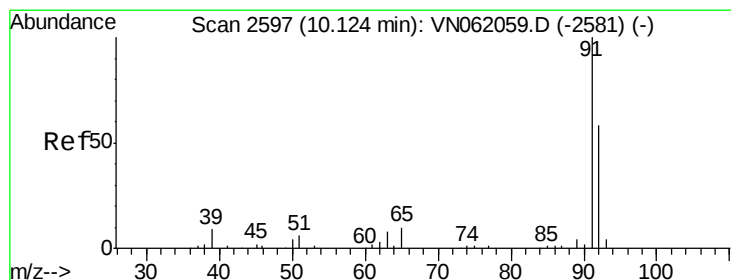
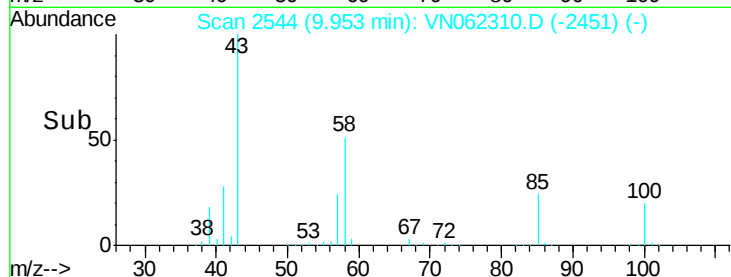
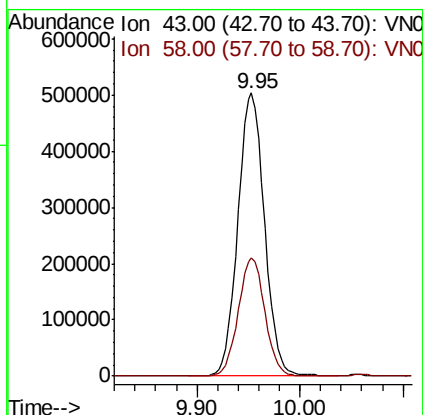
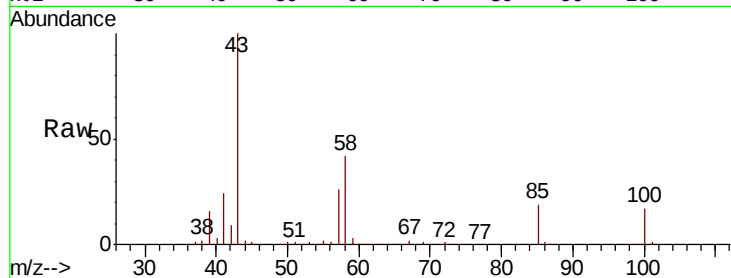




#51
4-Methyl-2-Pentanone
Concen: 315.790 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

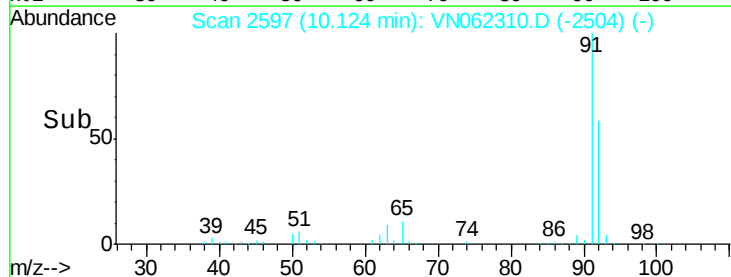
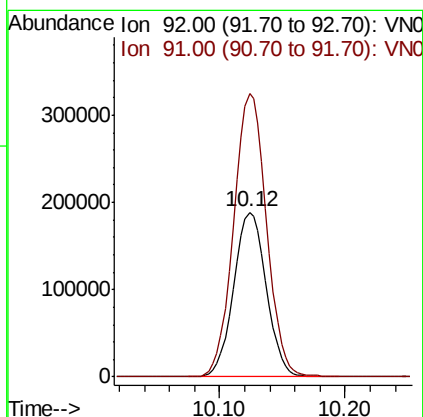
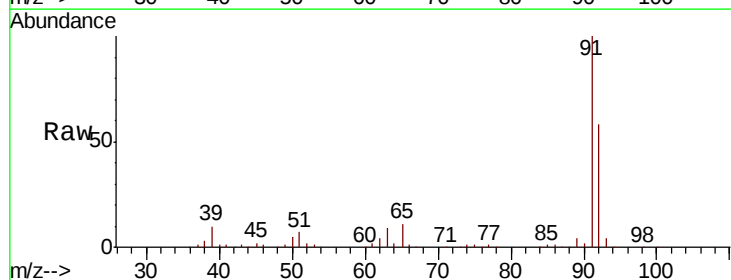
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

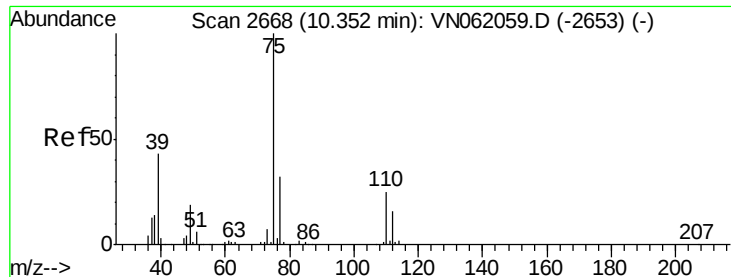
Tot Ion: 43 Resp: 904850
Ion Ratio Lower Upper
43 100
58 41.8 34.2 51.2



#52
Toluene
Concen: 50.428 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 92 Resp: 340727
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 51.644 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

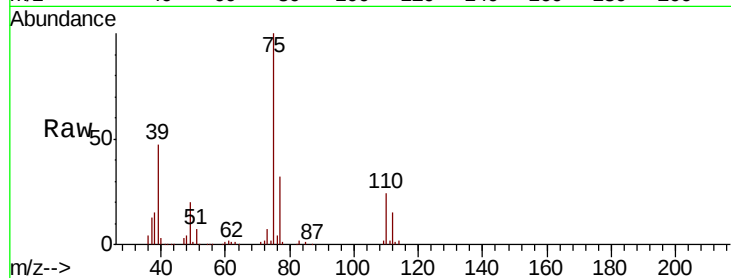
VSTDCCC050

Tot Ion: 75 Resp: 212498

Ion Ratio Lower Upper

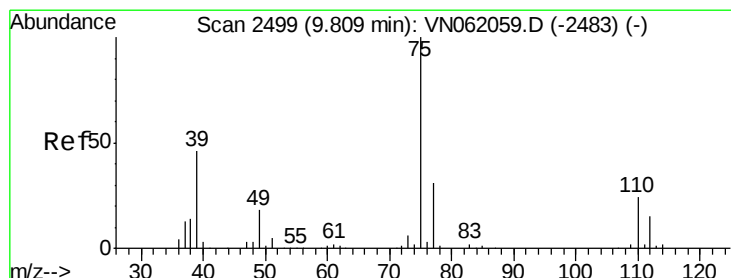
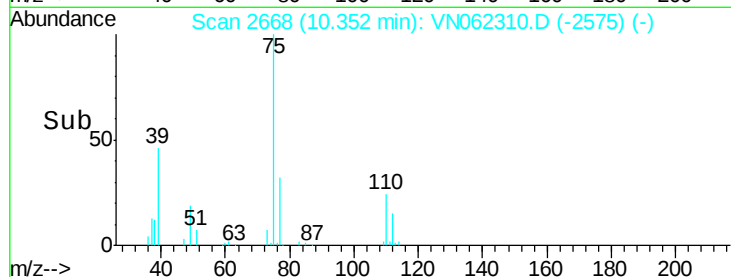
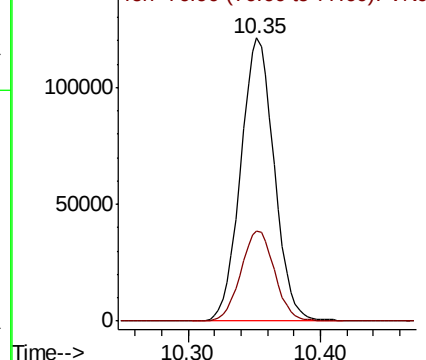
75 100

77 32.0 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.090 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

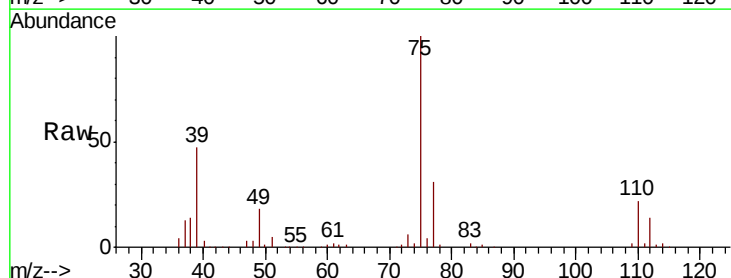
Tgt Ion: 75 Resp: 232571

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

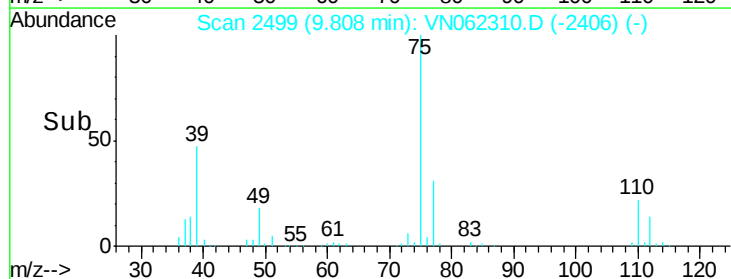
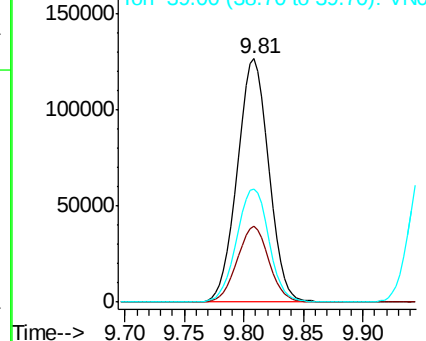
39 46.5 36.9 55.3

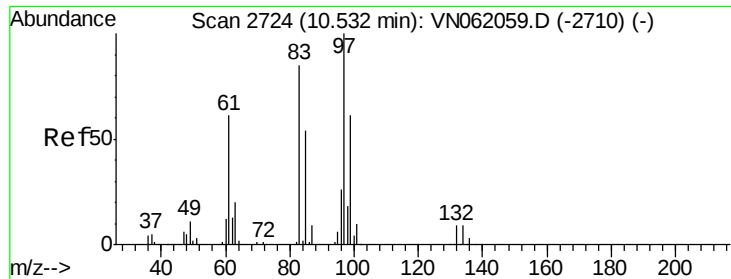


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



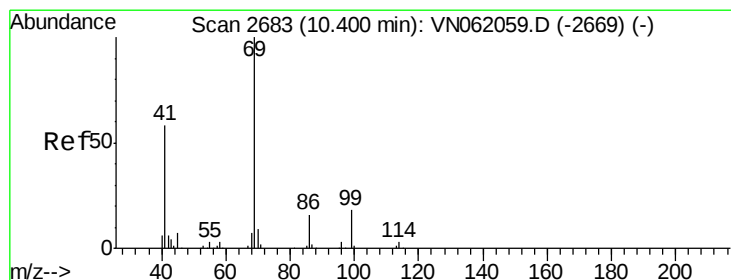
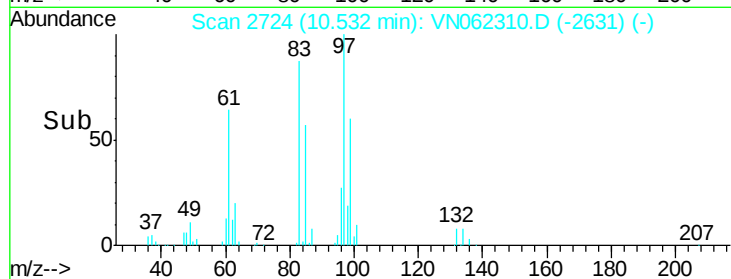
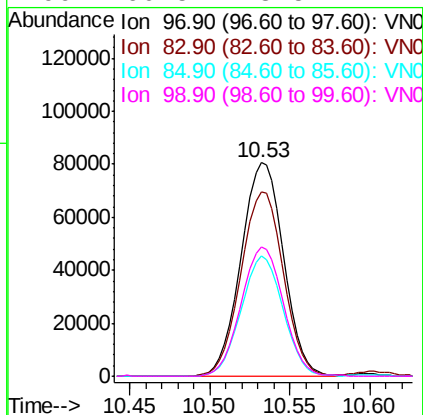
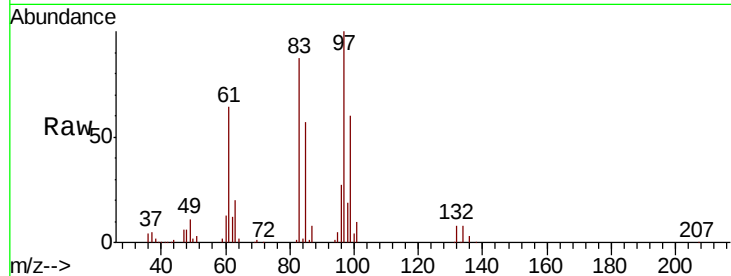


#55
 1,1,2-Trichloroethane
 Concen: 55.144 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 146462

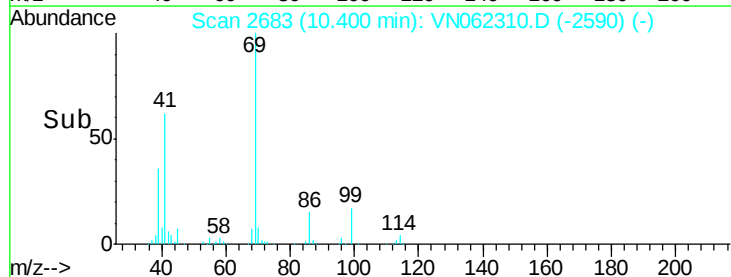
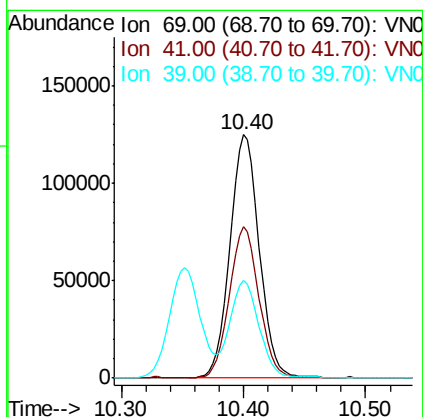
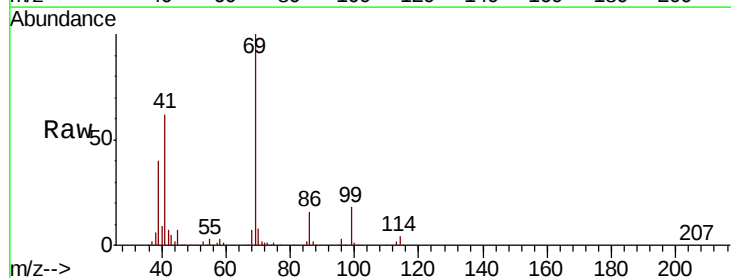
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	56.6	43.2	64.8
99	60.5	48.5	72.7

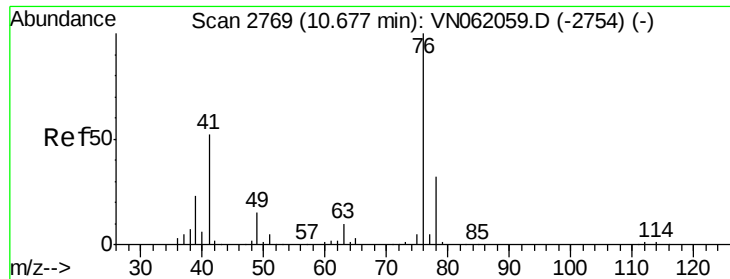


#56
 Ethyl methacrylate
 Concen: 59.206 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 69 Resp: 209854

Ion	Ratio	Lower	Upper
69	100		
41	62.2	46.6	70.0
39	39.8	31.0	46.4

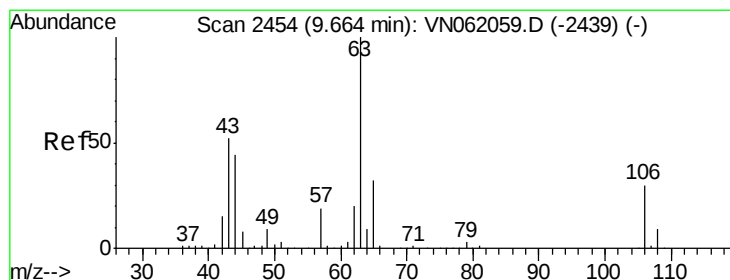
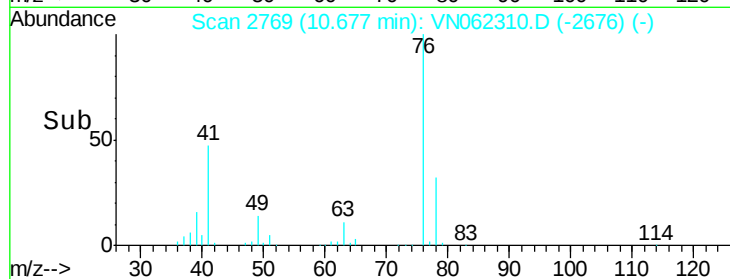
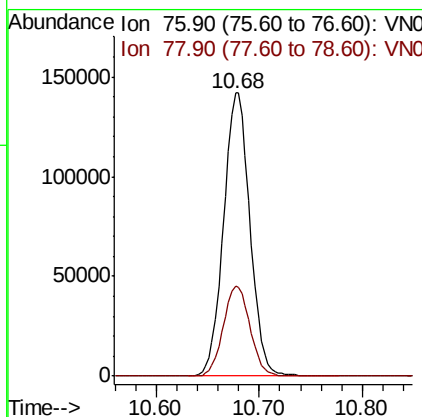
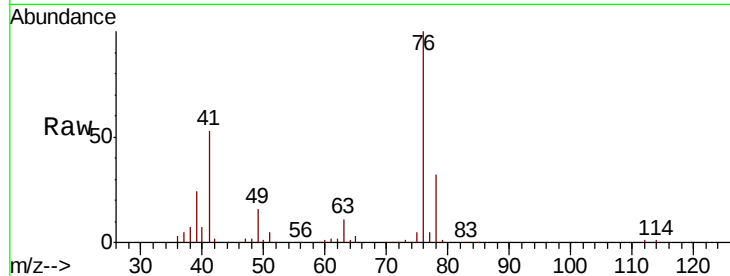




#57
 1,3-Dichloropropane
 Concen: 55.319 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

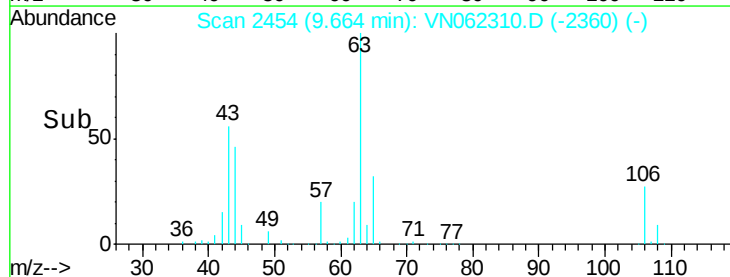
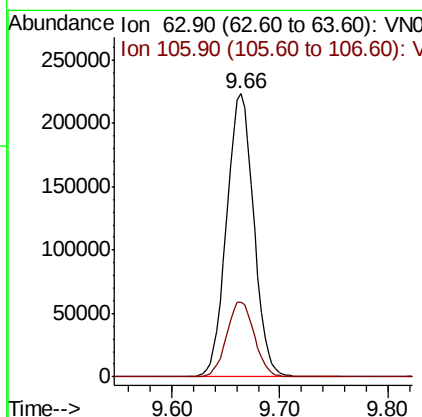
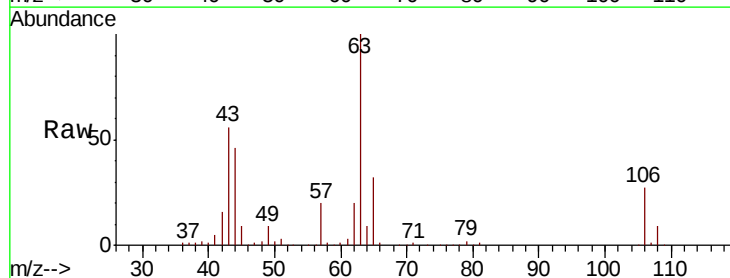
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

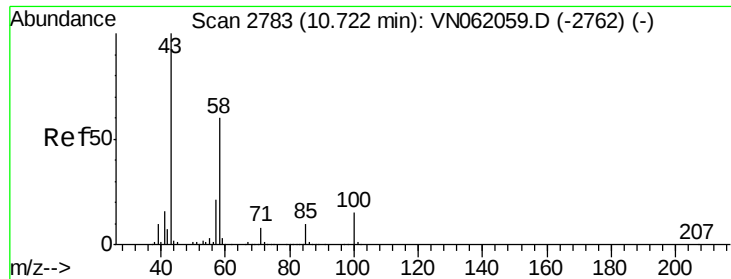
Tot Ion: 76 Resp: 252897
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.804 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 63 Resp: 393086
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.2 34.8

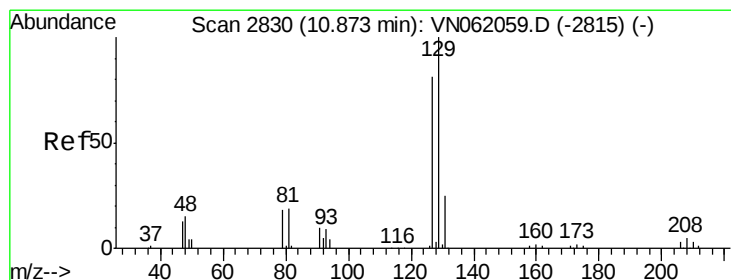
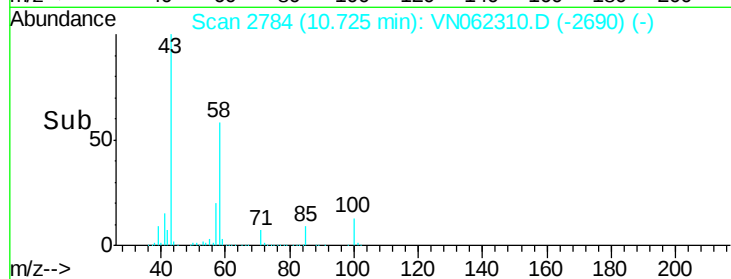
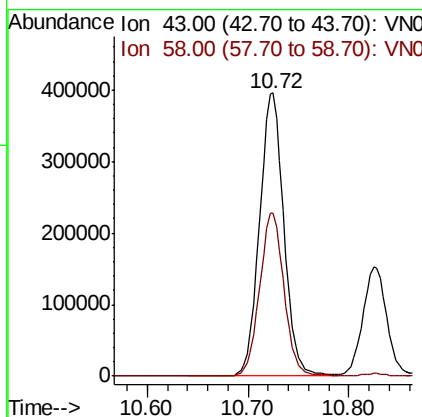
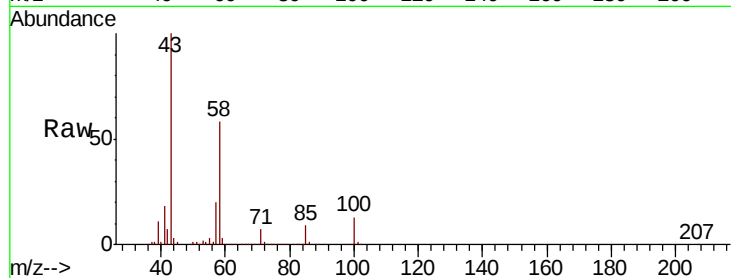




#59
2-Hexanone
Concen: 319.770 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

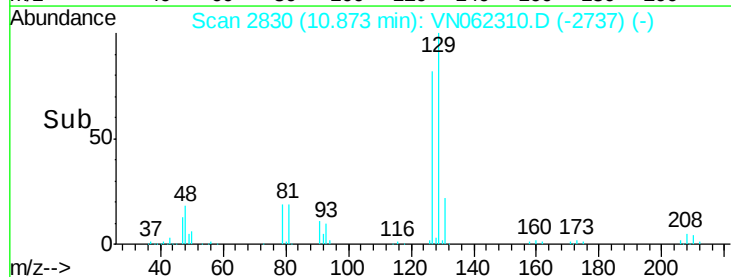
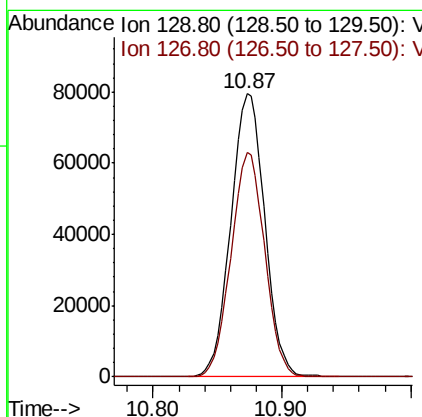
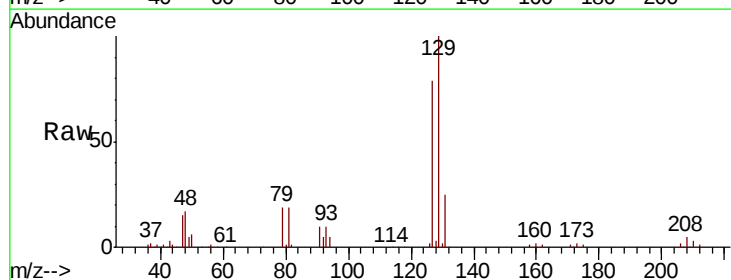
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

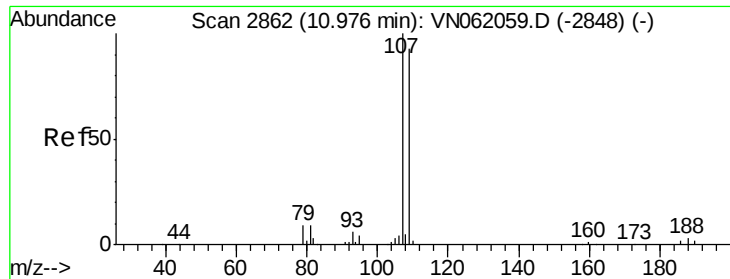
Tot Ion: 43 Resp: 661625
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5



#60
Dibromochloromethane
Concen: 51.678 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 129 Resp: 145314
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5

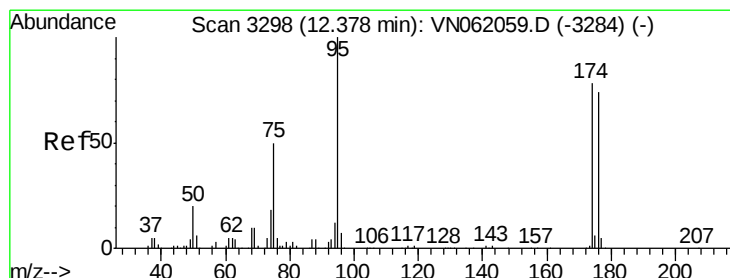
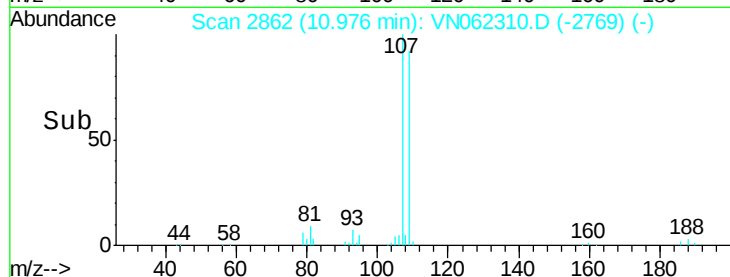
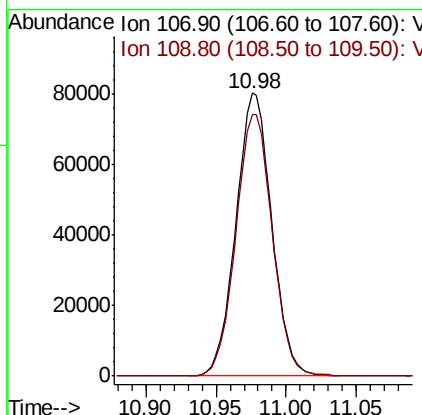
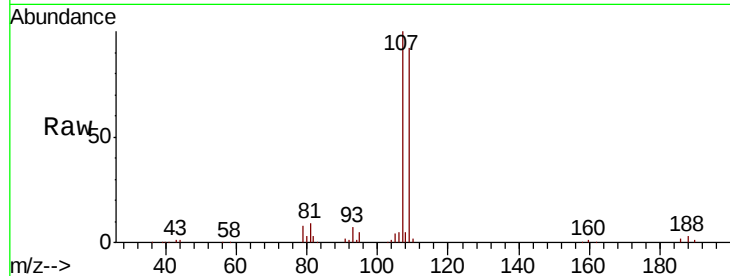




#61
 1,2-Dibromoethane
 Concen: 52.401 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

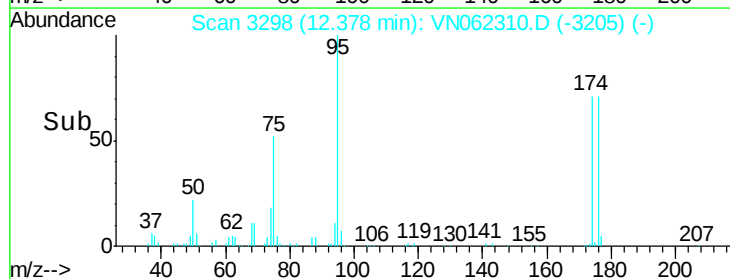
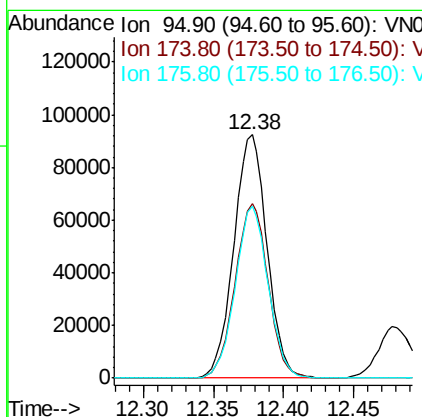
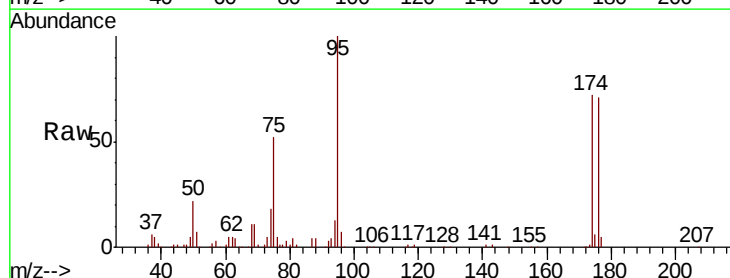
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

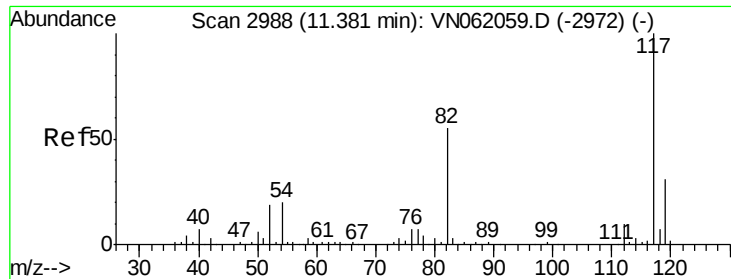
Tot Ion:107 Resp: 143006
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.793 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 95 Resp: 152807
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 154.8
 176 69.7 0.0 147.4

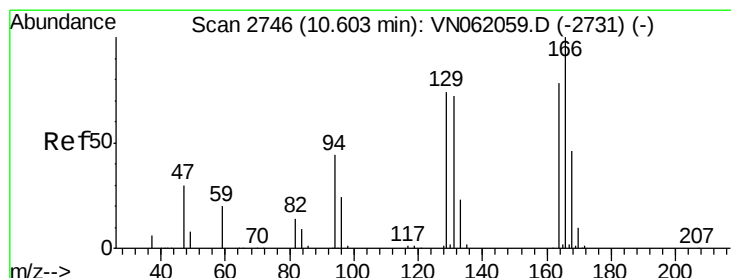
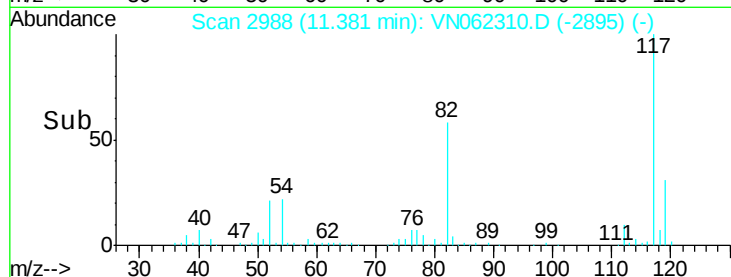
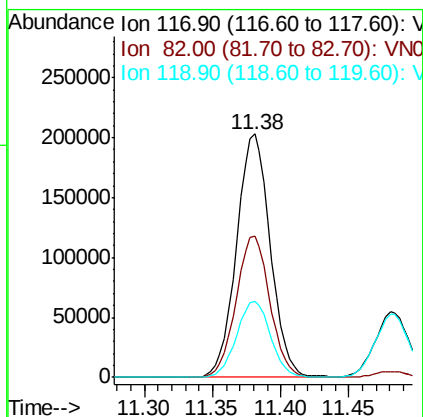
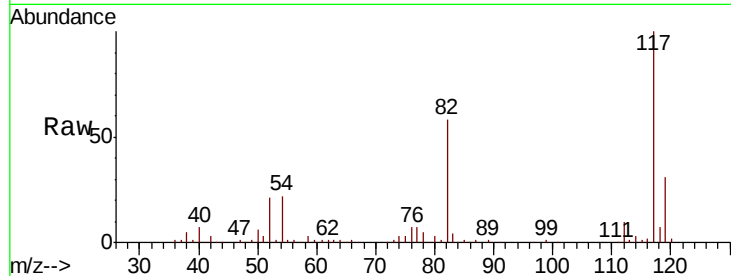




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

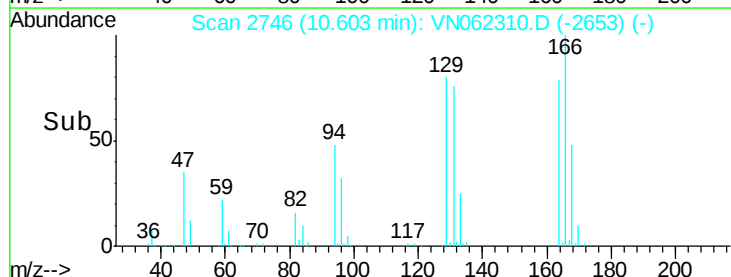
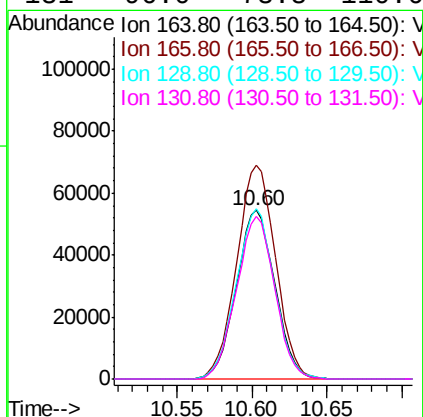
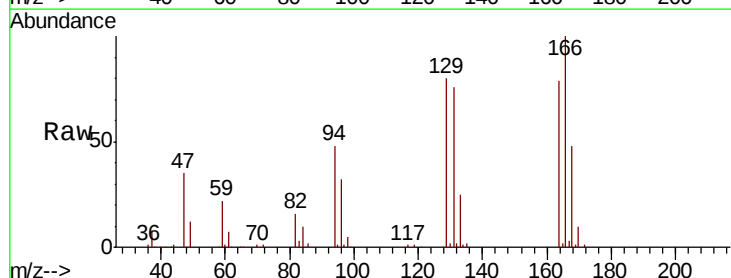
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

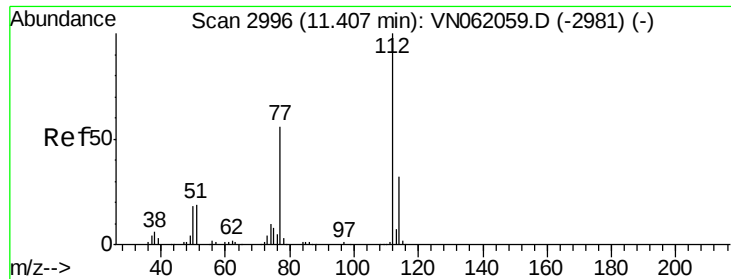
Tot Ion:117 Resp: 348868
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 41.053 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:164 Resp: 97833
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 100.8 75.8 113.8
131 96.0 73.8 110.6

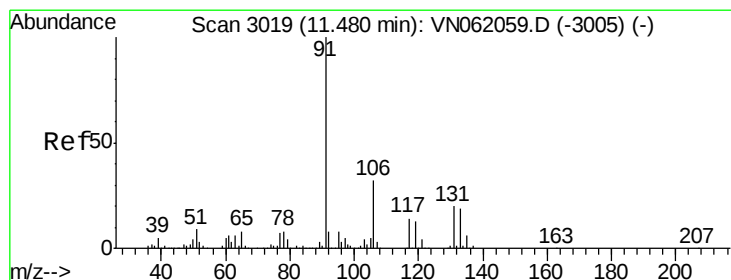
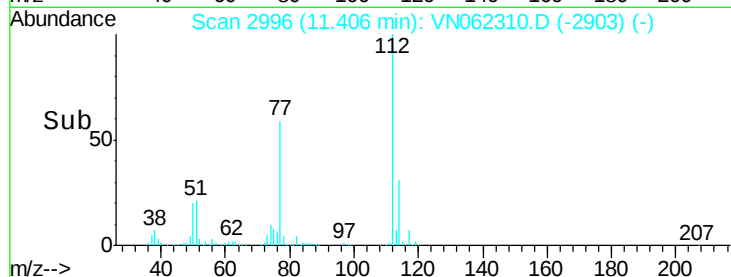
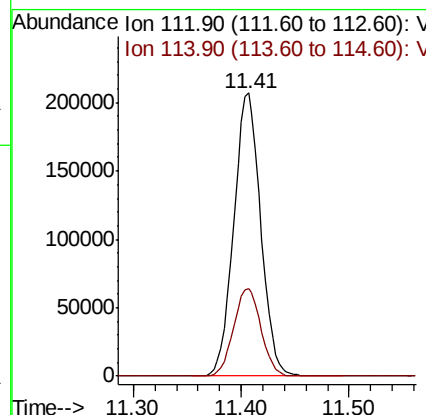
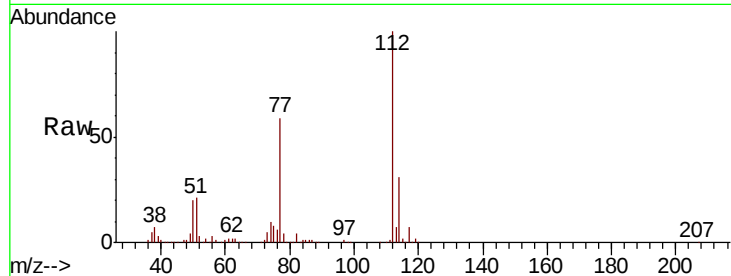




#65
Chlorobenzene
Concen: 46.950 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

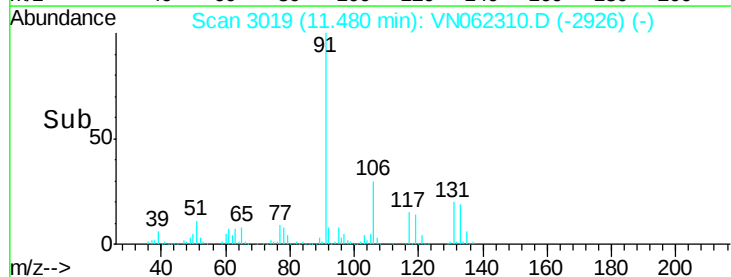
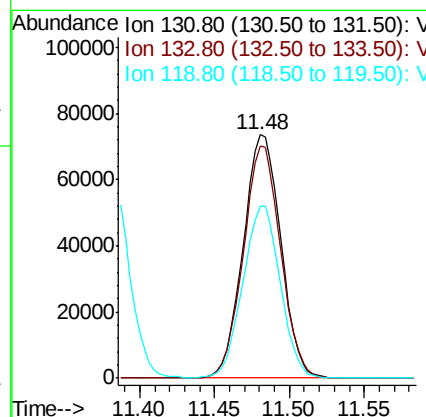
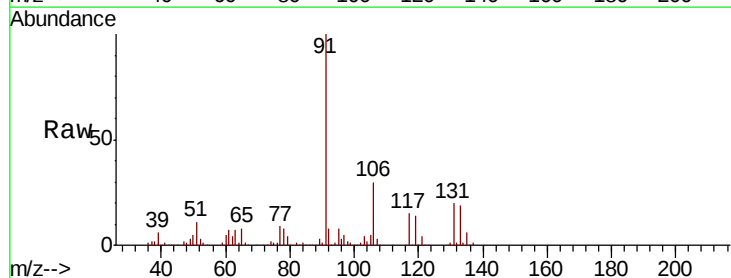
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 359690
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.584 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:131 Resp: 128707
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 70.7 34.4 103.3

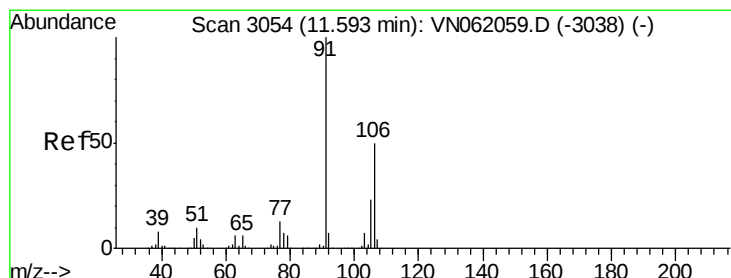
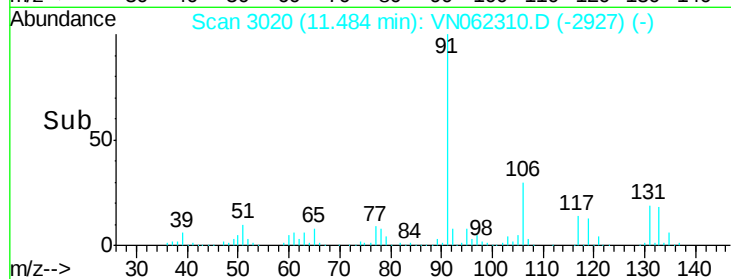
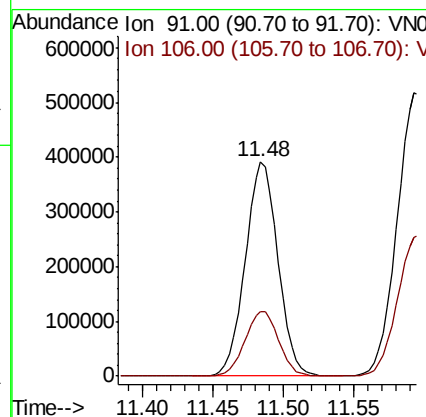
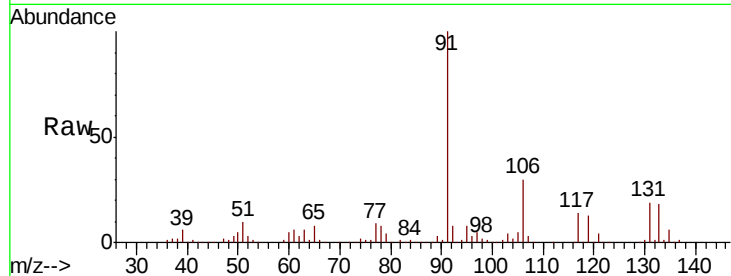




#67
Ethyl Benzene
Concen: 49.267 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

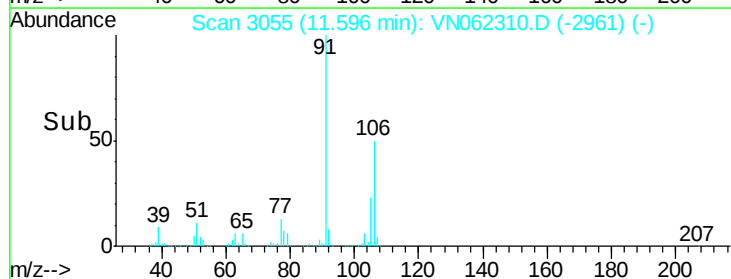
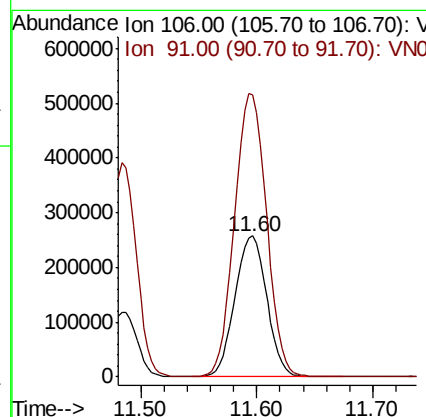
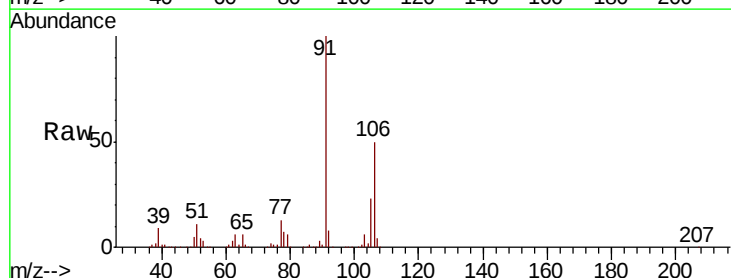
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

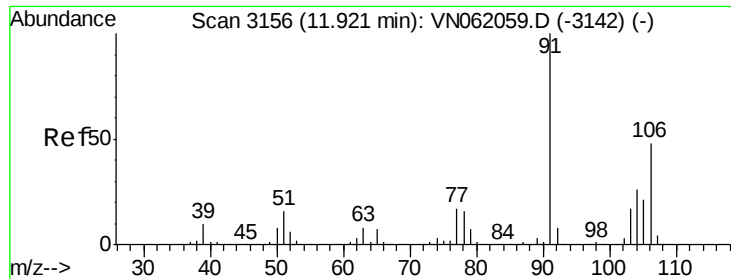
Tot Ion: 91 Resp: 637457
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9



#68
m/p-Xylenes
Concen: 97.456 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 106 Resp: 487722
Ion Ratio Lower Upper
106 100
91 202.3 157.8 236.8

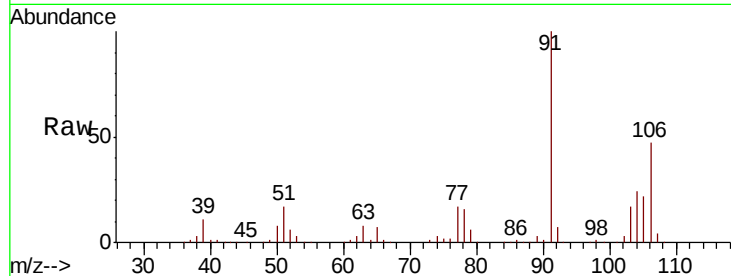




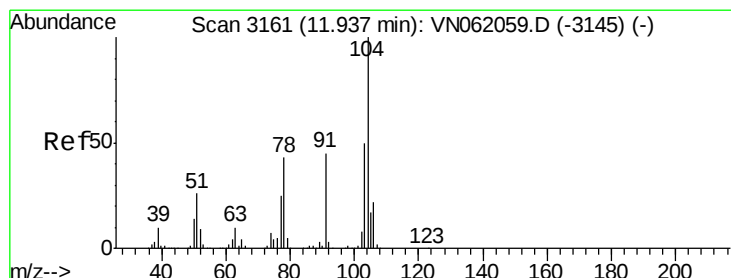
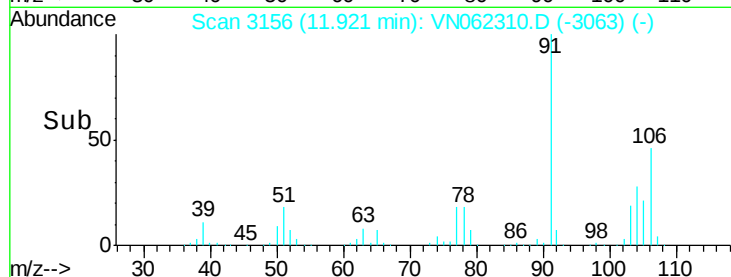
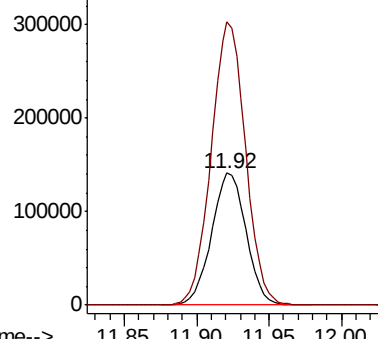
#69
o-Xylene
Concen: 49.533 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 233886
Ion Ratio Lower Upper
106 100
91 212.6 104.0 311.9

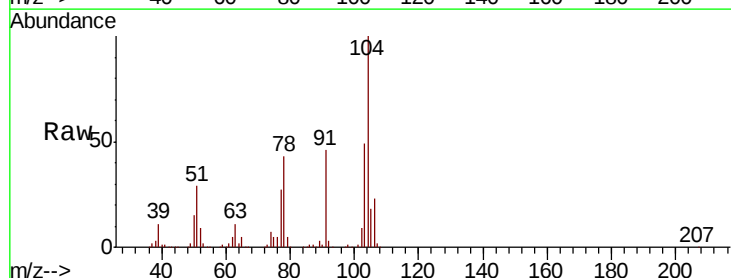


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

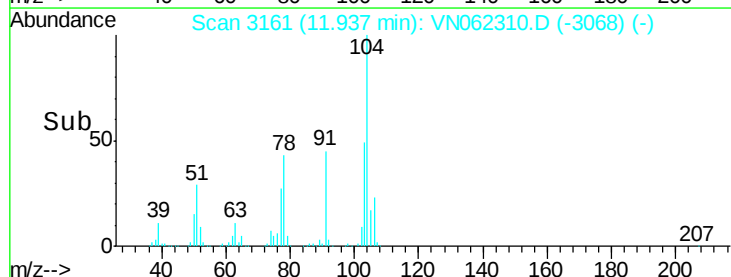
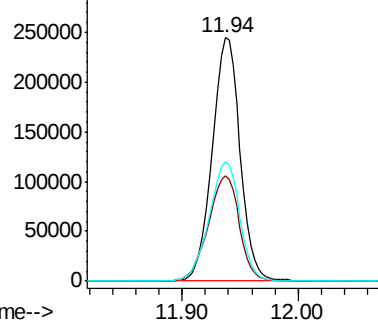


#70
Styrene
Concen: 51.888 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:104 Resp: 408606
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 53.8 43.0 64.6



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





#71

Bromoform

Concen: 49.766 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

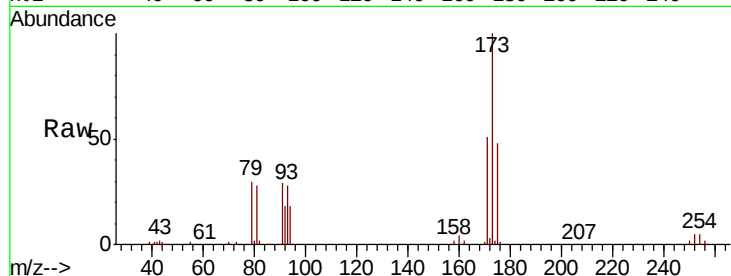
Tot Ion:173 Resp: 93737

Ion Ratio Lower Upper

173 100

175 47.9 24.7 74.1

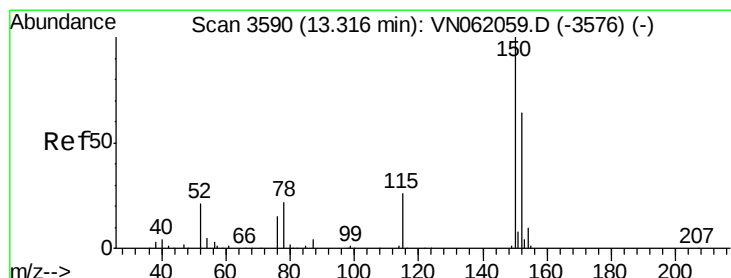
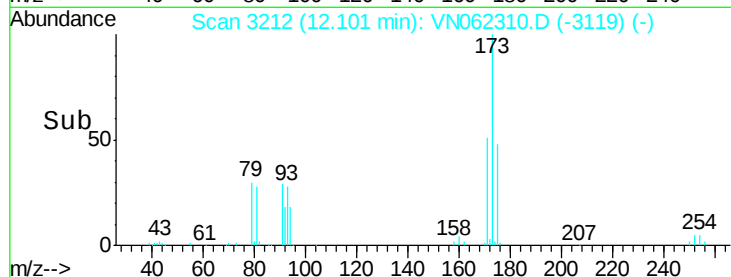
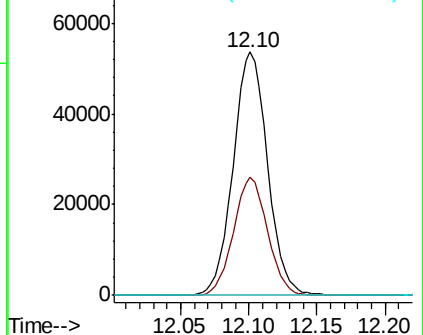
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

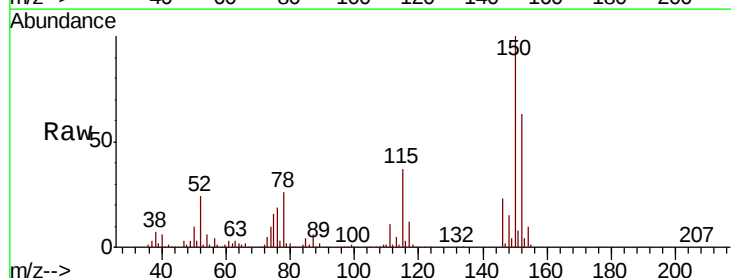
Tgt Ion:152 Resp: 164664

Ion Ratio Lower Upper

152 100

115 60.2 29.5 88.5

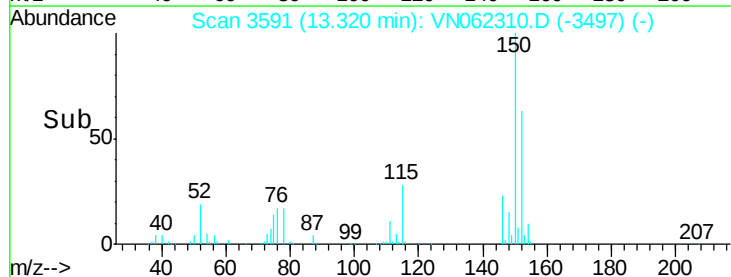
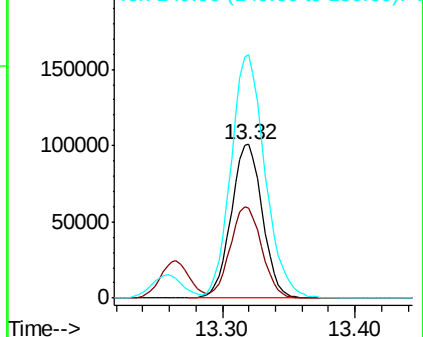
150 173.2 0.0 351.4

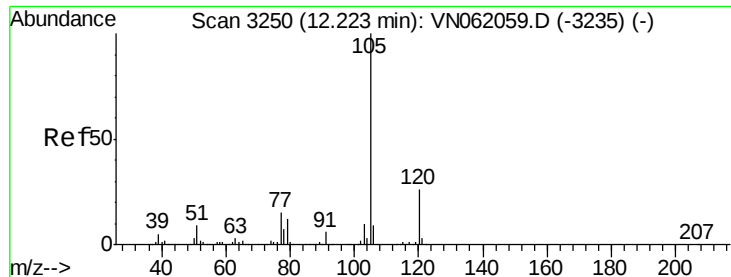


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.670 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

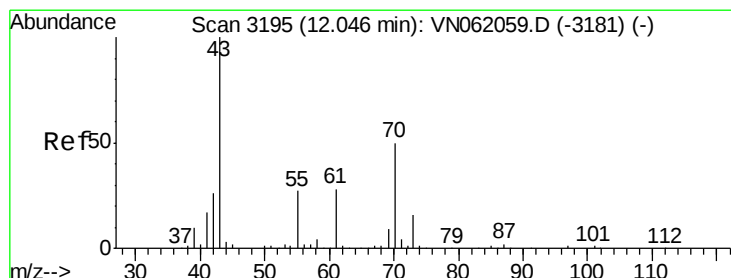
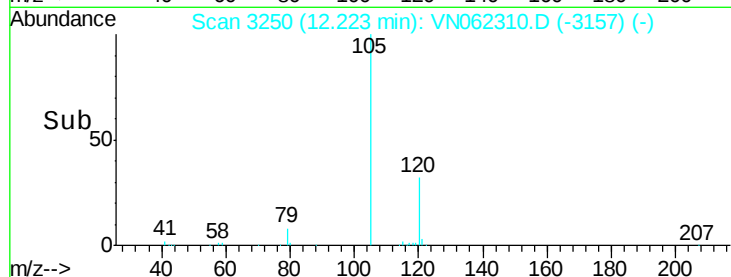
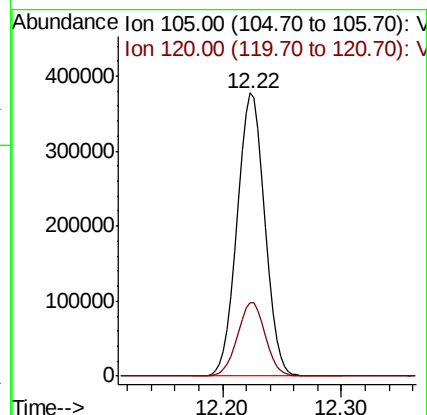
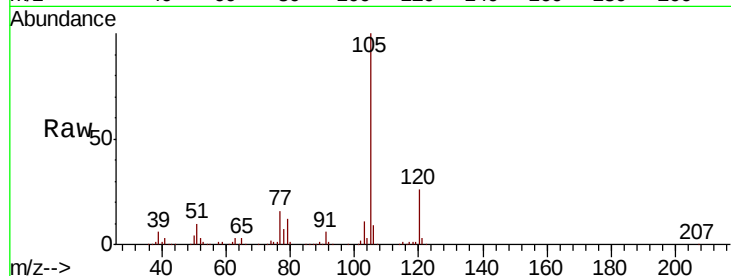
VSTDCCC050

Tot Ion:105 Resp: 607622

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 52.536 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion: 43 Resp: 247357

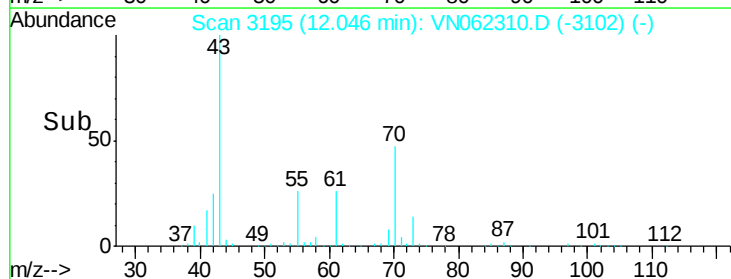
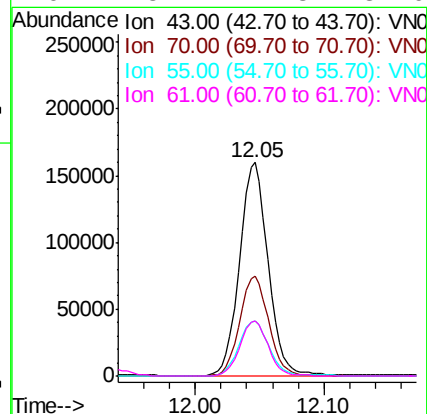
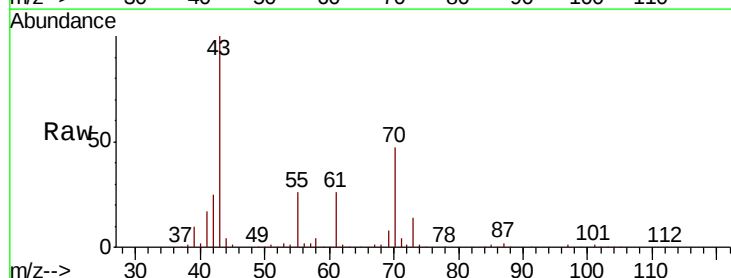
Ion Ratio Lower Upper

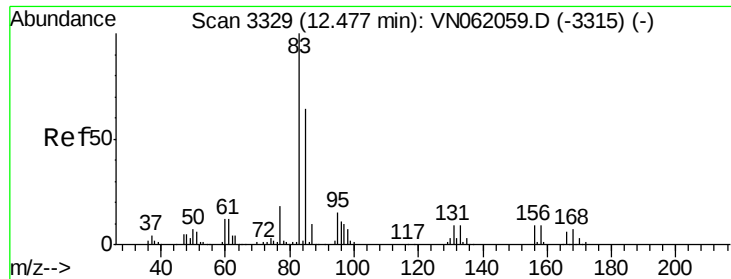
43 100

70 47.4 39.4 59.2

55 27.1 21.7 32.5

61 25.7 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.765 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

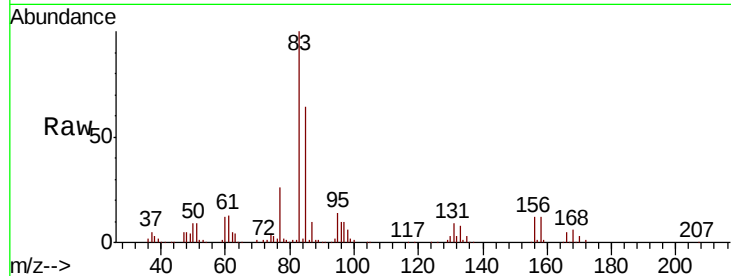
Tot Ion: 83 Resp: 223810

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

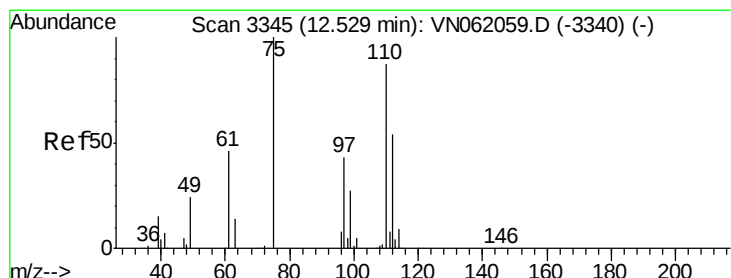
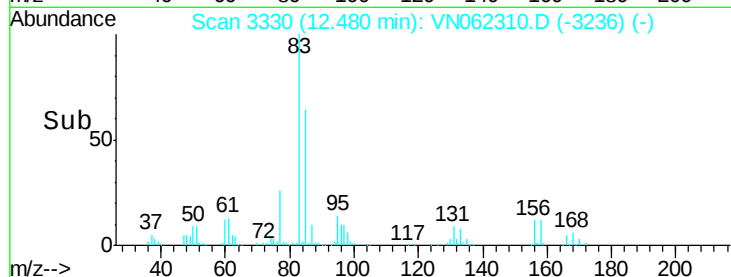
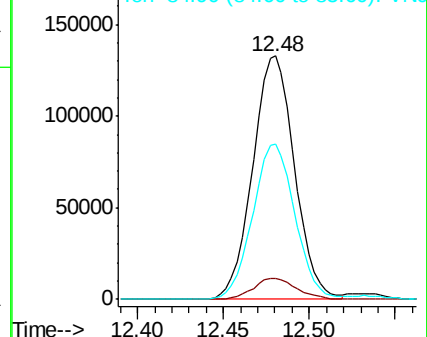
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 71.601 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062310.D

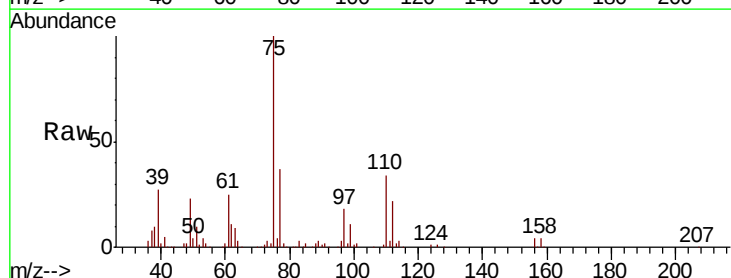
Acq: 1 Jul 2020 23:55

Tgt Ion: 75 Resp: 277550

Ion Ratio Lower Upper

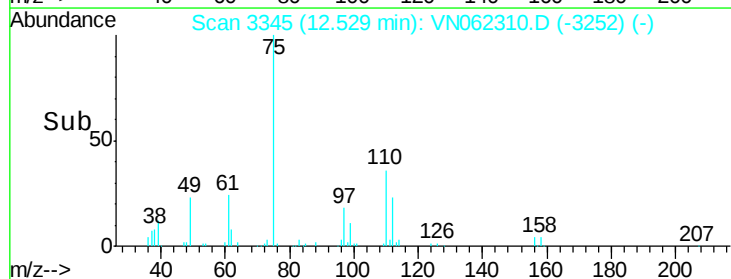
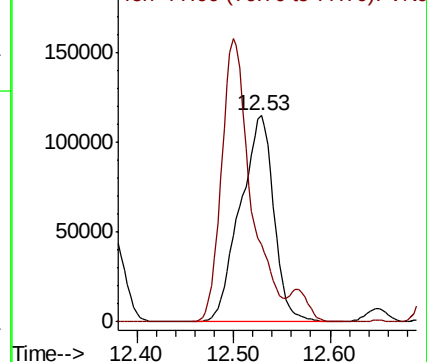
75 100

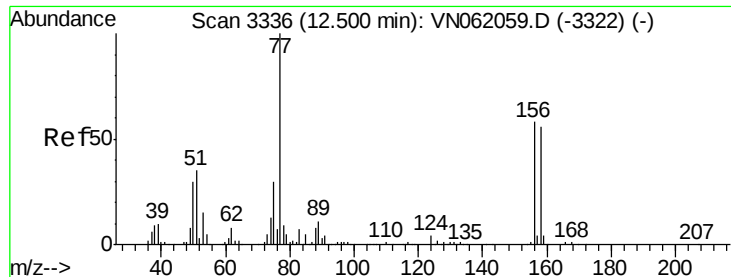
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 45.559 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

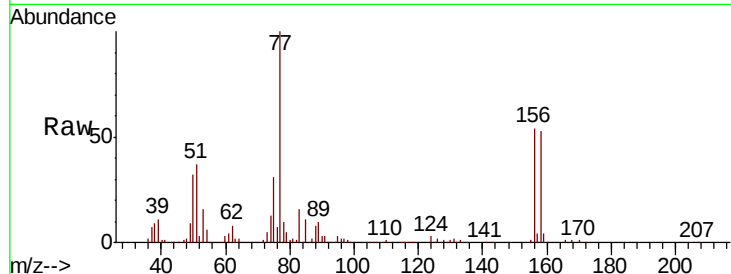
Tot Ion:156 Resp: 144170

Ion Ratio Lower Upper

156 100

77 230.3 104.6 313.8

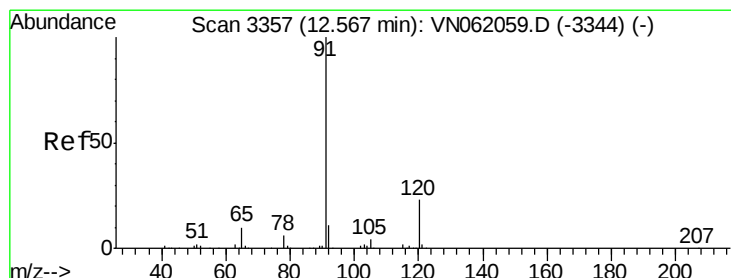
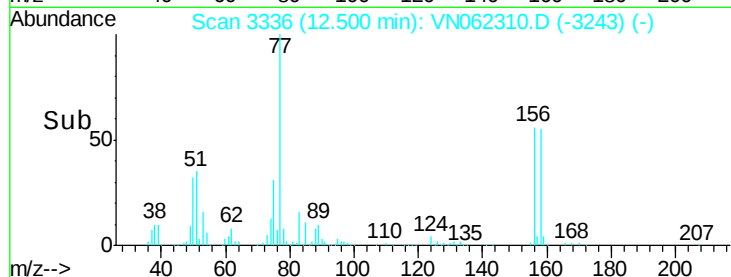
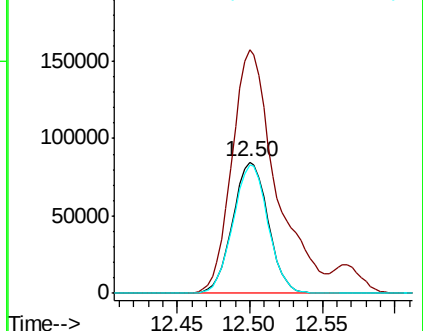
158 97.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.475 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062310.D

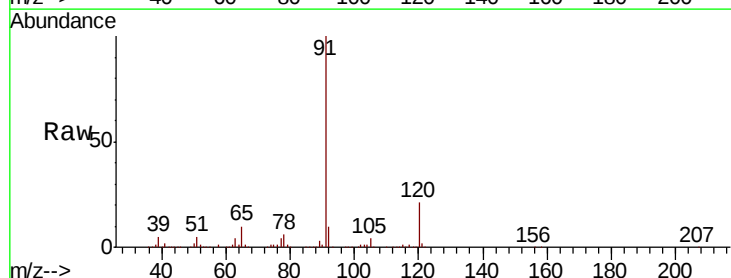
Acq: 1 Jul 2020 23:55

Tgt Ion: 91 Resp: 721343

Ion Ratio Lower Upper

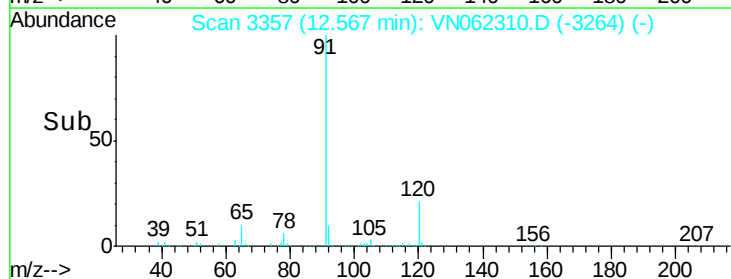
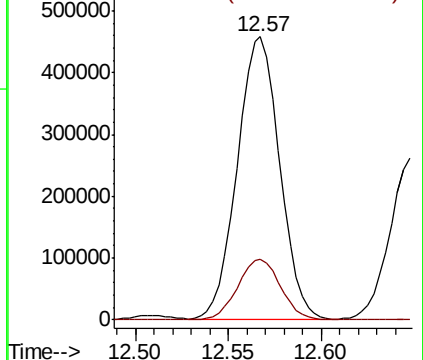
91 100

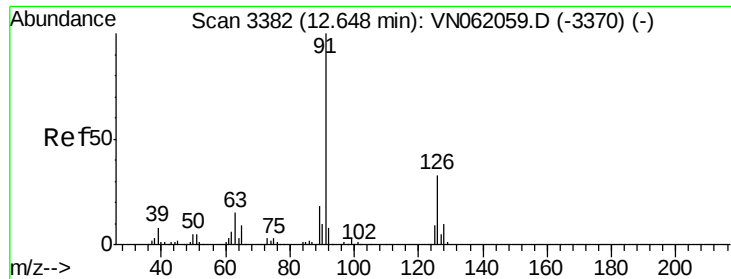
120 21.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V

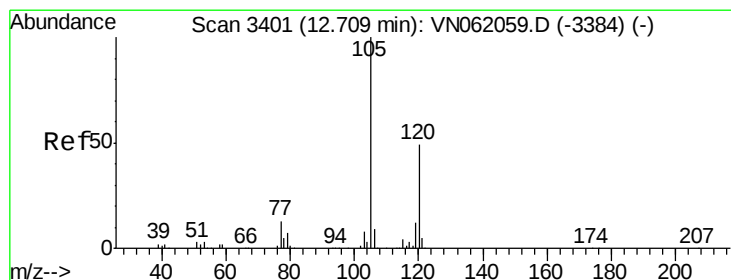
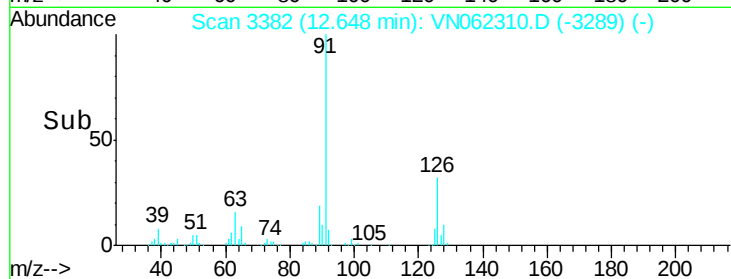
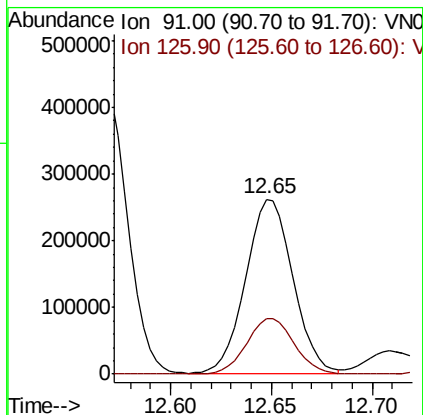
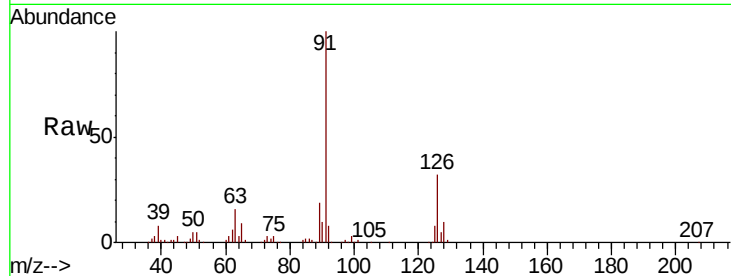




#79
 2-Chlorotoluene
 Concen: 48.633 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

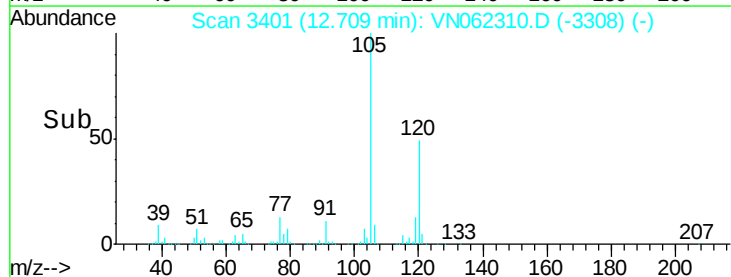
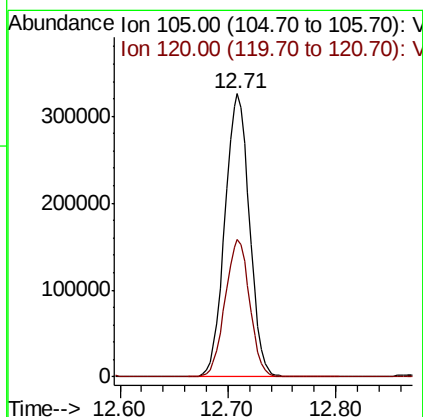
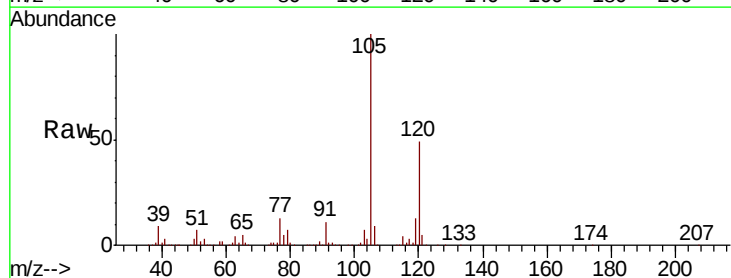
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

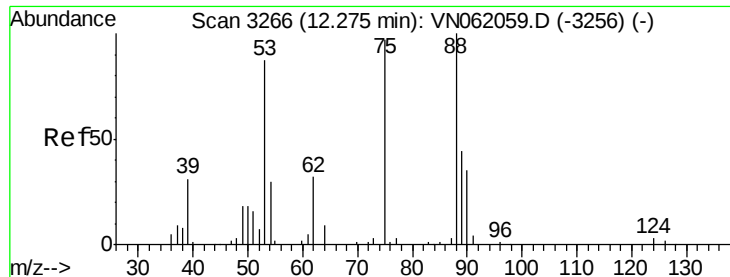
Tot Ion: 91 Resp: 428663
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.907 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 105 Resp: 515680
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.594 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

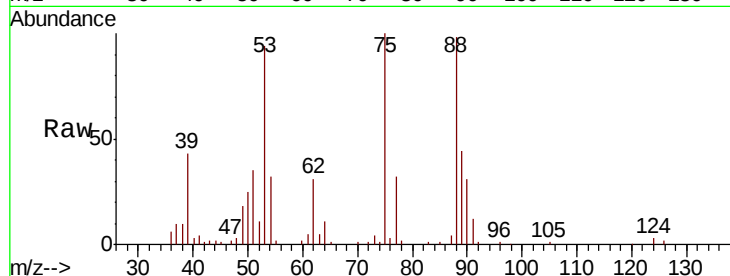
Tot Ion: 75 Resp: 68483

Ion Ratio Lower Upper

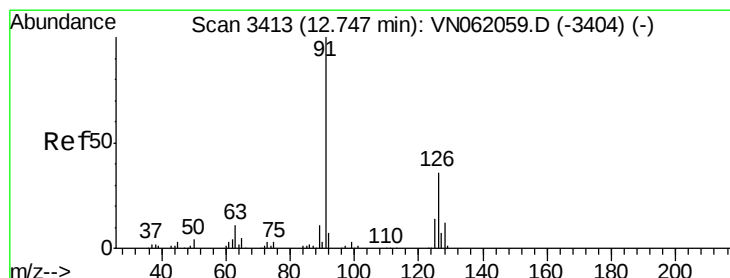
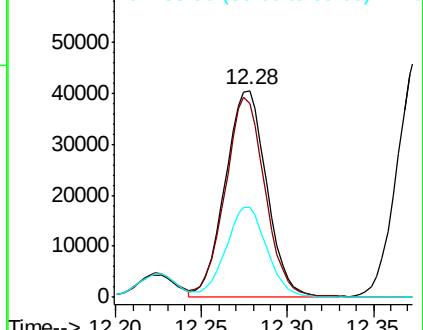
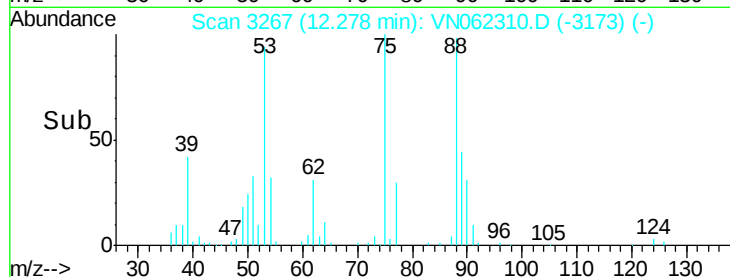
75 100

53 93.2 72.0 108.0

89 43.1 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062310.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 48.938 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062310.D

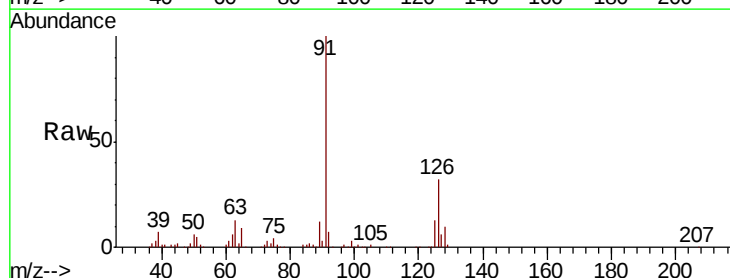
Acq: 1 Jul 2020 23:55

Tgt Ion: 91 Resp: 446056

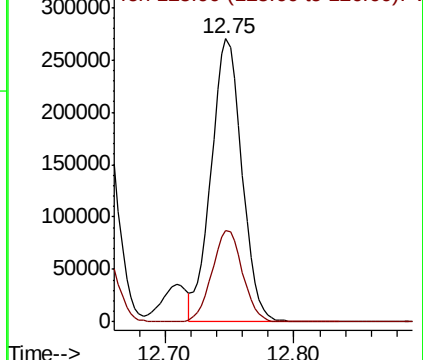
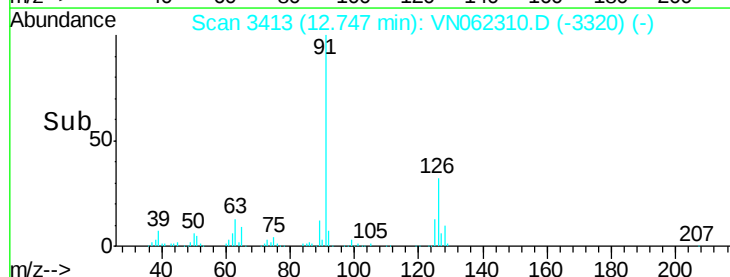
Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062310.D (-3320) (-)

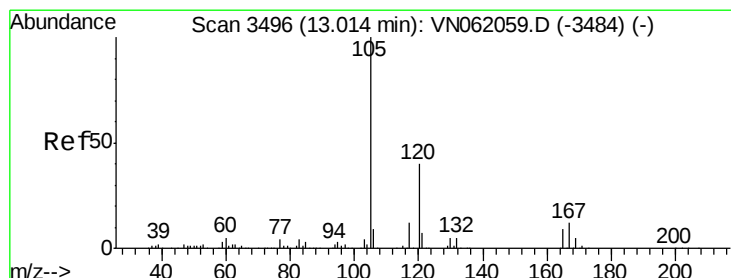
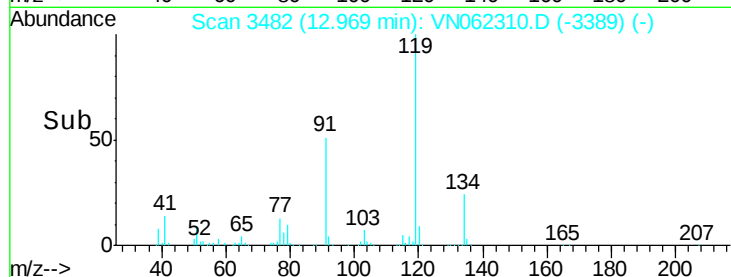
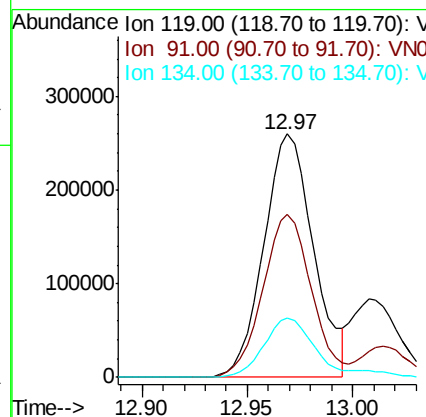
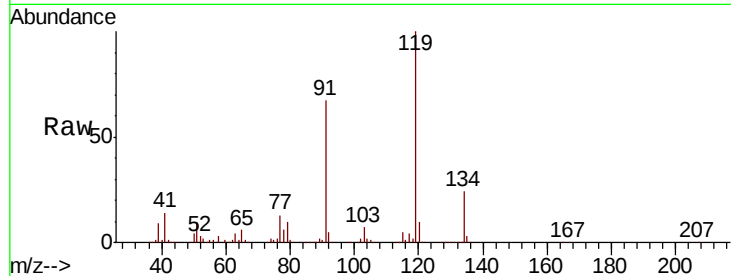




#83
 tert-Butylbenzene
 Concen: 48.194 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

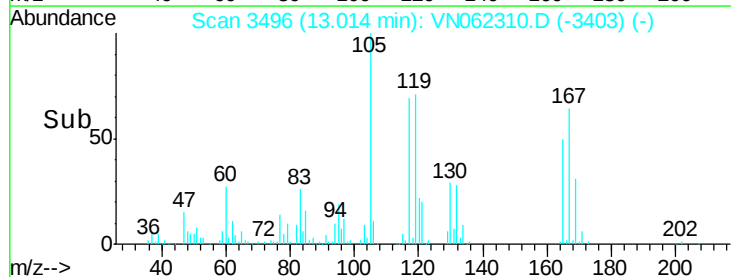
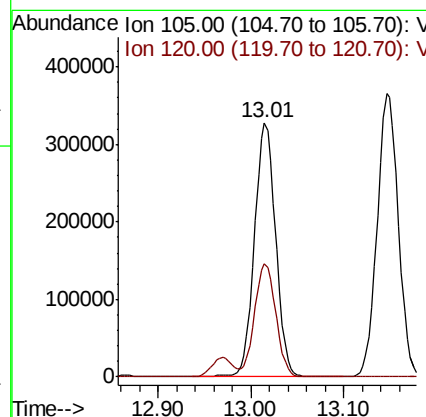
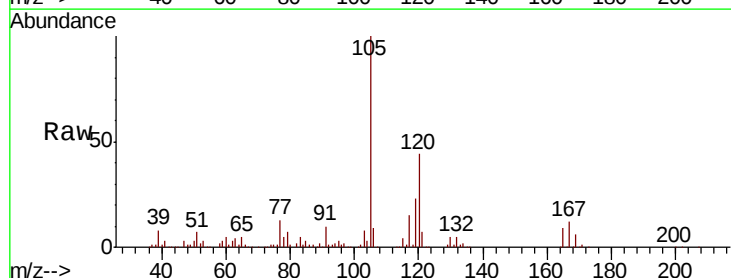
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 426177
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.7 95.1
 134 26.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.448 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion:105 Resp: 520618
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 49.129 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

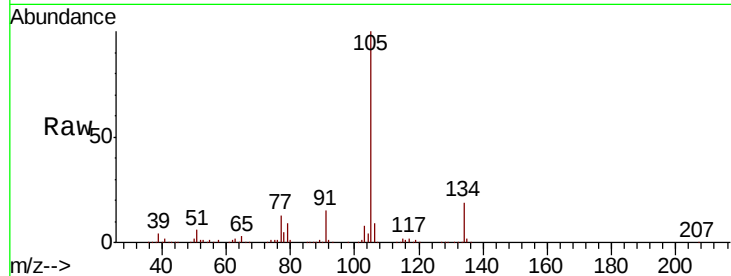
VSTDCCC050

Tot Ion:105 Resp: 574065

Ion Ratio Lower Upper

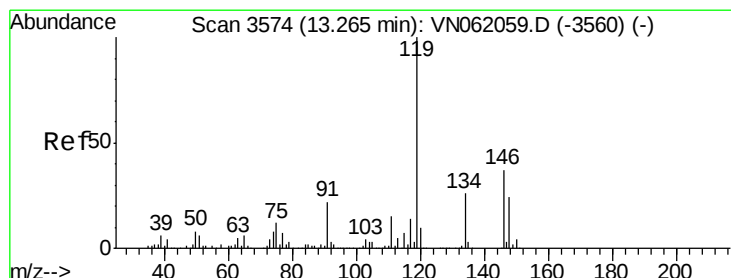
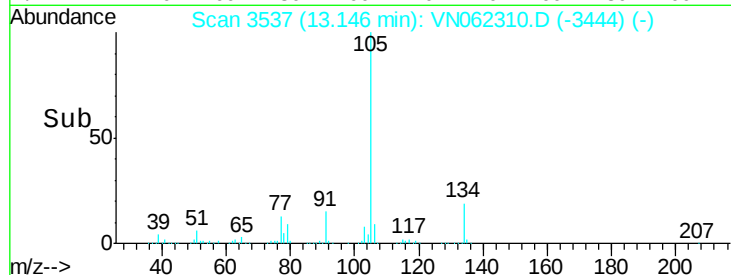
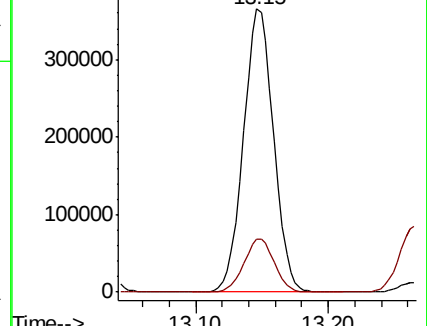
105 100

134 18.9 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.992 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

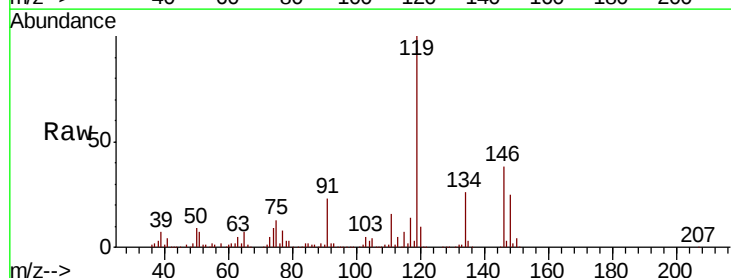
Tgt Ion:119 Resp: 501544

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

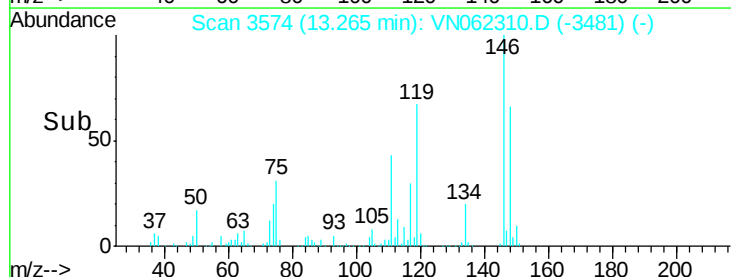
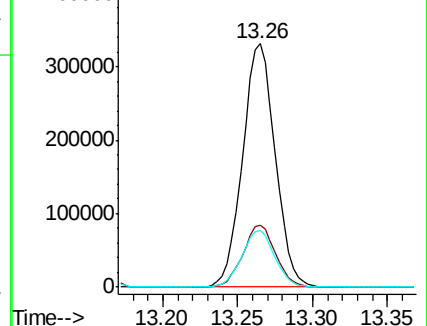
91 23.4 11.3 33.8

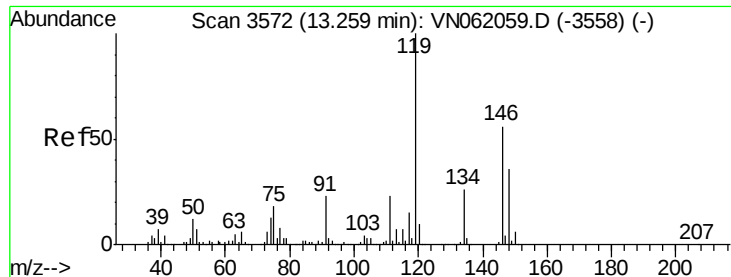


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.147 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

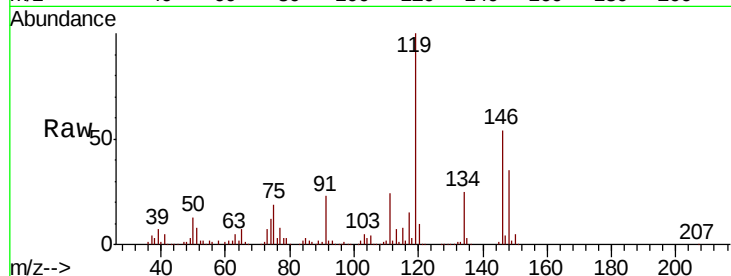
Tot Ion:146 Resp: 256432

Ion Ratio Lower Upper

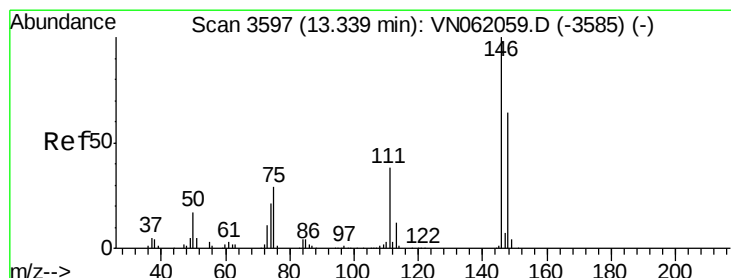
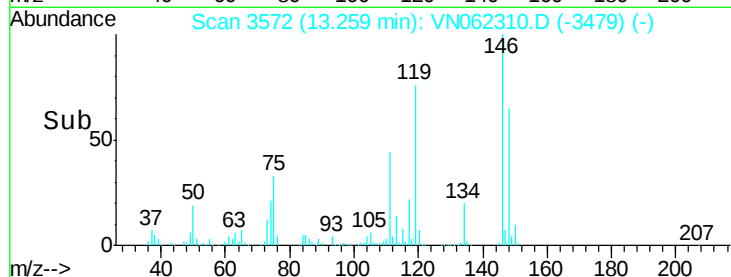
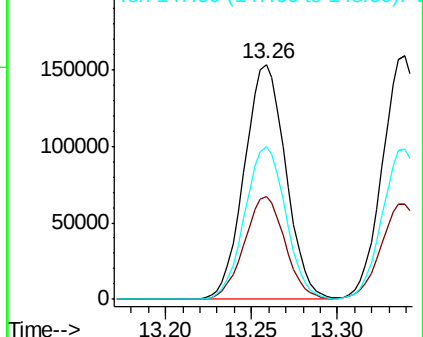
146 100

111 43.1 20.3 61.0

148 64.3 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.387 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

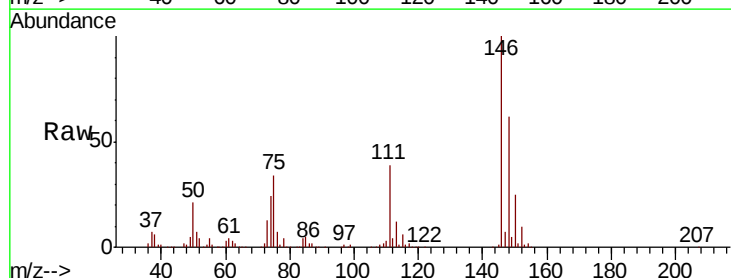
Tgt Ion:146 Resp: 259977

Ion Ratio Lower Upper

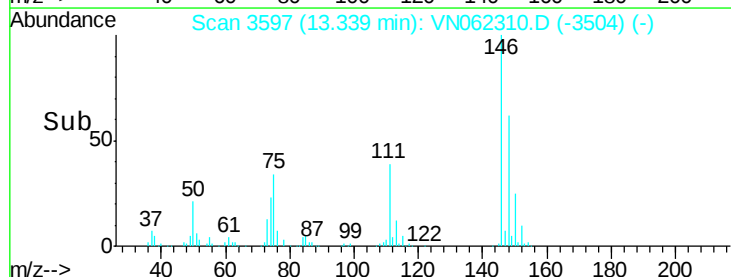
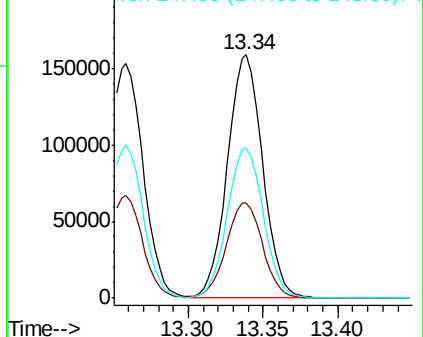
146 100

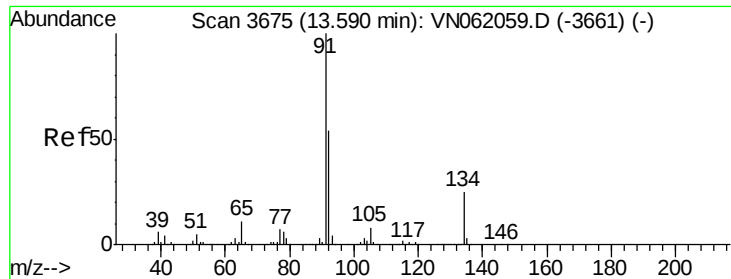
111 40.5 19.9 59.6

148 63.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

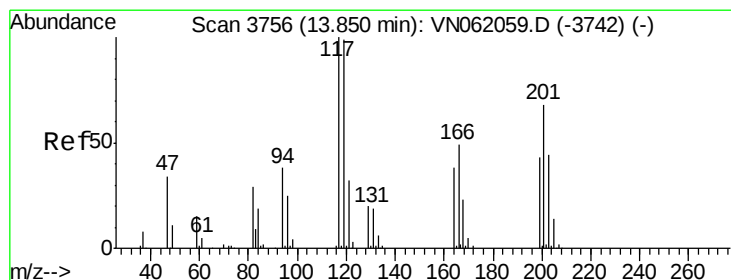
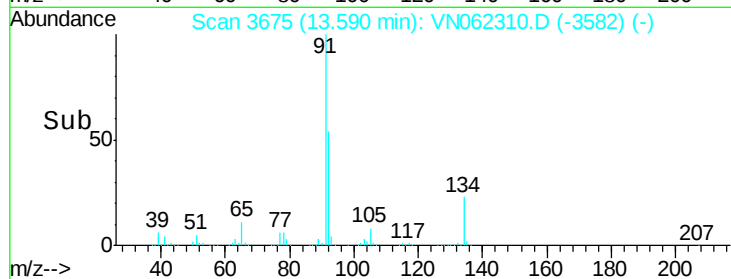
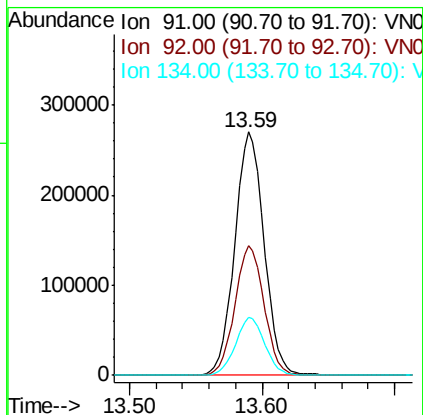
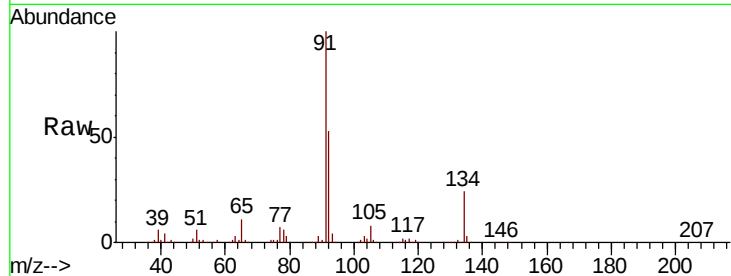




#89
n-Butylbenzene
Concen: 48.758 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

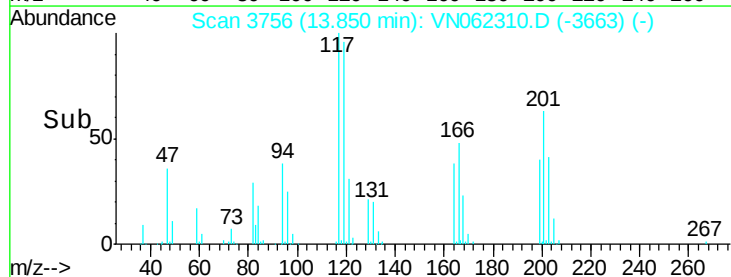
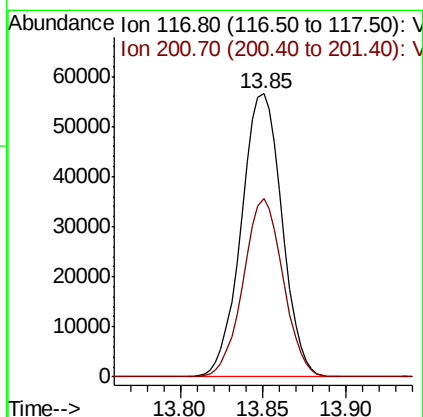
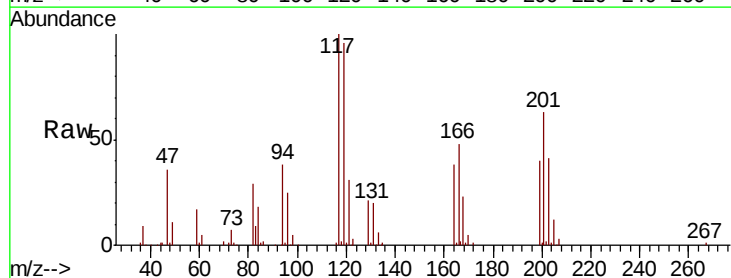
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 414980
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 23.6 12.3 36.9



#90
Hexachloroethane
Concen: 48.187 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 117 Resp: 96786
Ion Ratio Lower Upper
117 100
201 61.5 32.7 98.1

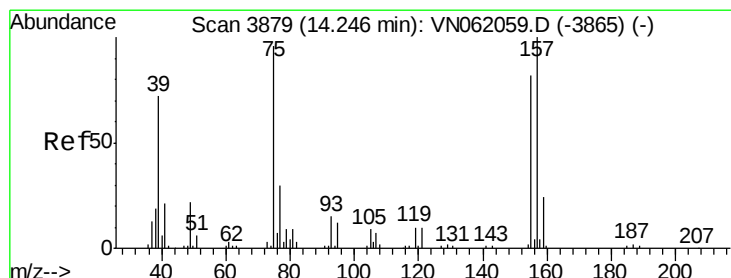
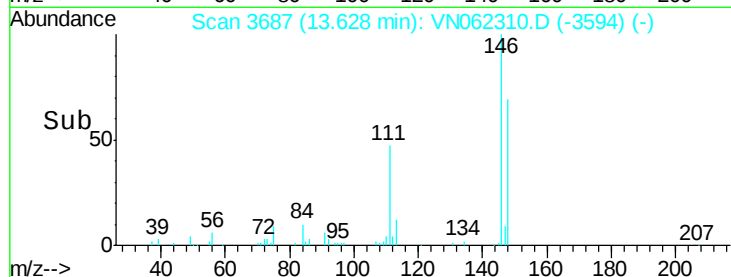
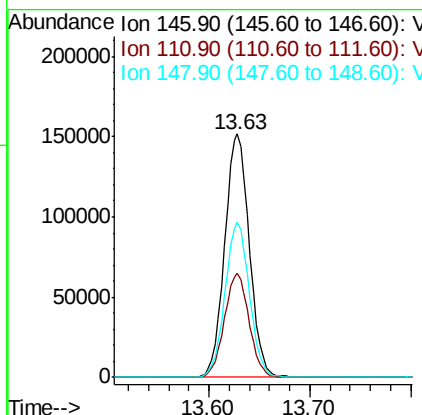
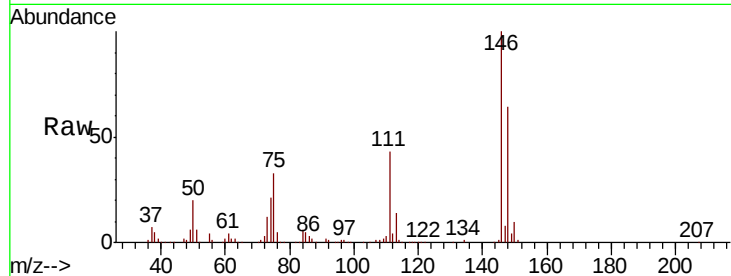




#91
 1,2-Dichlorobenzene
 Concen: 48.013 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

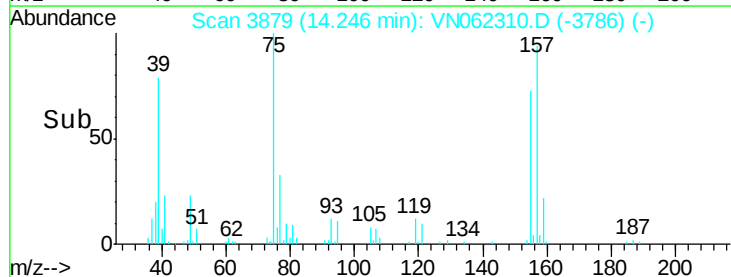
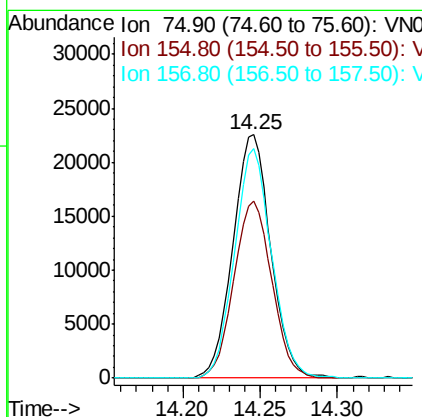
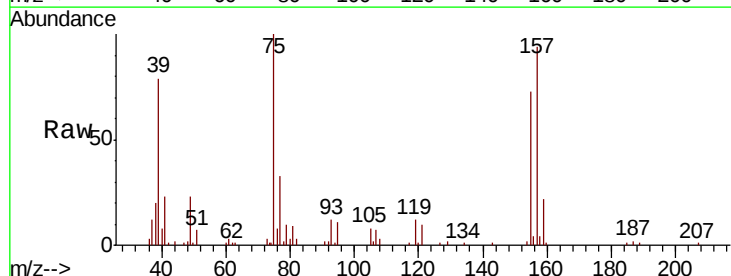
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

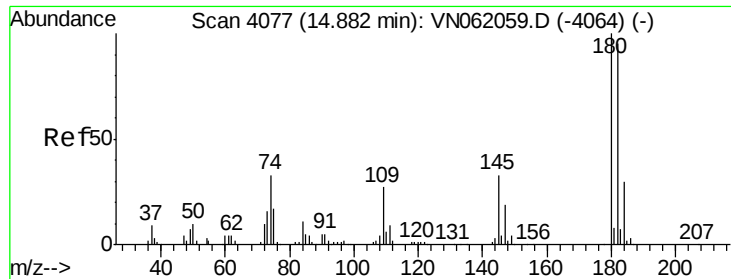
Tot Ion:146 Resp: 258717
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.264 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 75 Resp: 38231
 Ion Ratio Lower Upper
 75 100
 155 72.9 40.8 122.4
 157 92.5 51.4 154.3

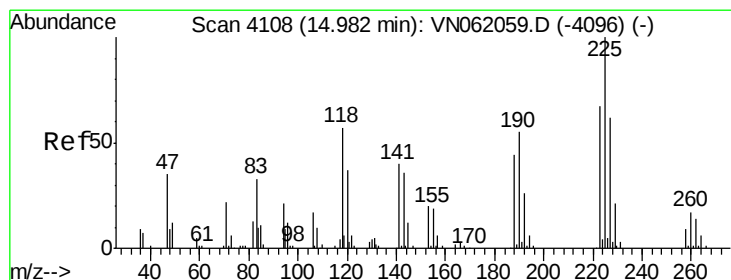
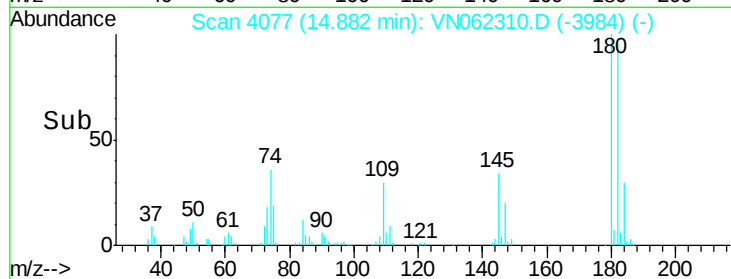
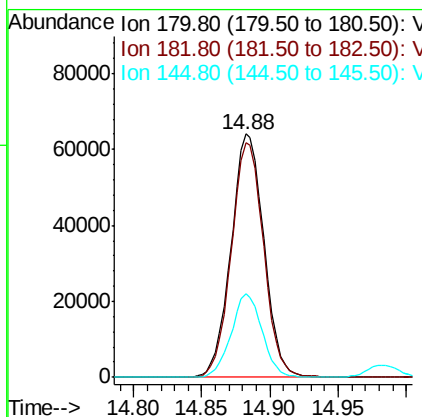
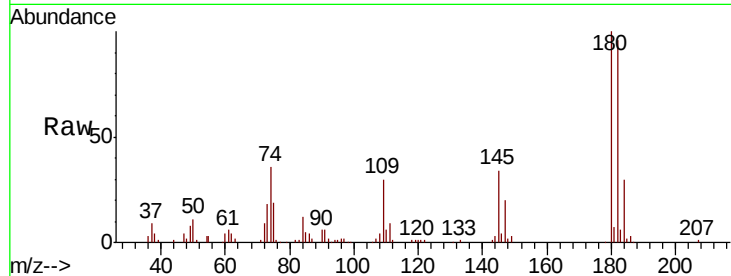




#93
 1,2,4-Trichlorobenzene
 Concen: 45.518 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

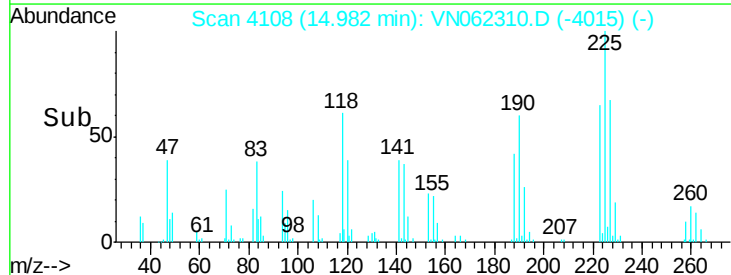
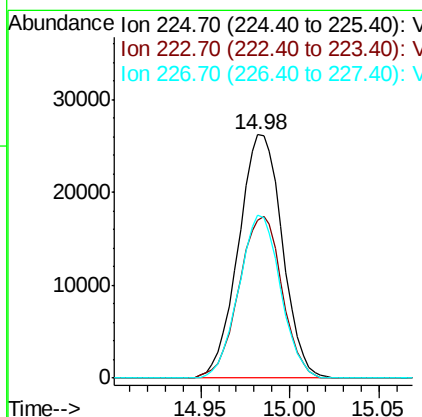
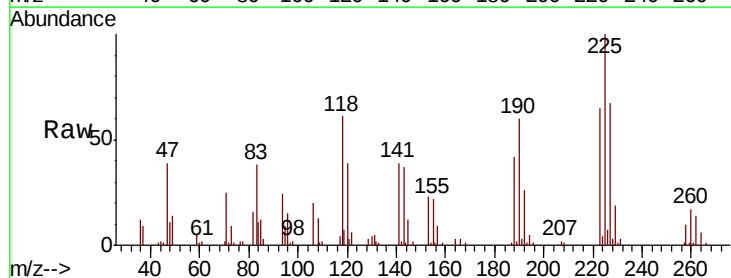
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

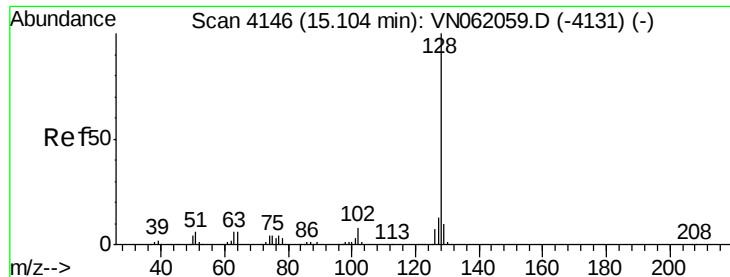
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	32.6	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 43.958 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.9	98.7
227	63.6	31.3	93.8

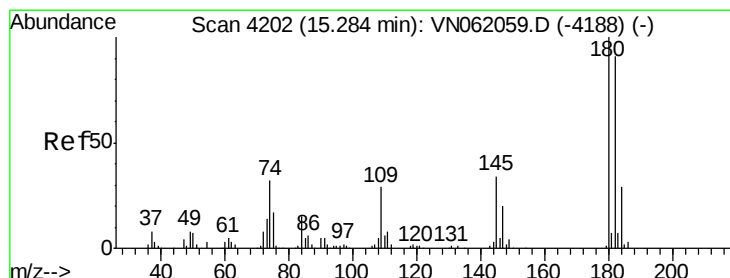
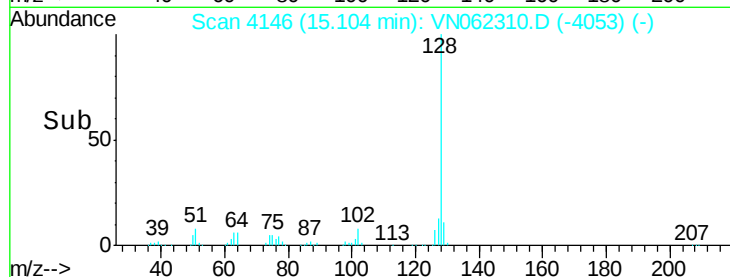
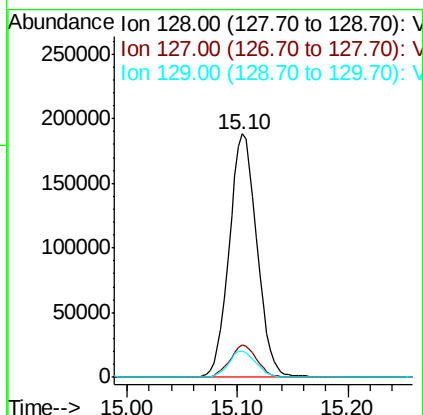
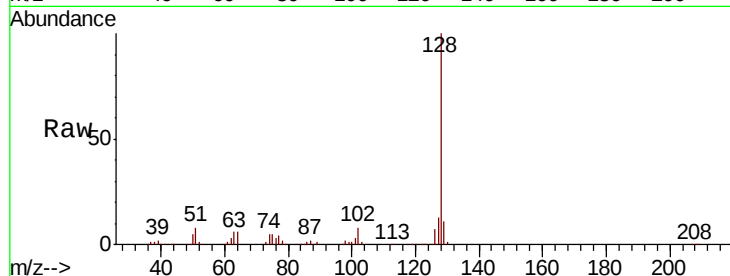




#95
Naphthalene
Concen: 42.501 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 328470
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.893 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:180 Resp: 110464
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.4
145 33.8 16.4 49.2

