

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062220\
 Data File : VN062040.D
 Acq On : 23 Jun 2020 8:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 23 11:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128567	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107698	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.55	113	90595	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	349181	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.37	95	120528	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	89606	45.706	ug/l 99
3) Chloromethane	2.03	50	91049	43.510	ug/l 98
4) Vinyl Chloride	2.16	62	113993	45.696	ug/l 99
5) Bromomethane	2.52	94	48083	25.100	ug/l 97
6) Chloroethane	2.66	64	81031	47.995	ug/l 99
7) Trichlorofluoromethane	2.98	101	147977	49.660	ug/l 100
8) Diethyl Ether	3.37	74	55597	55.500	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	76476	50.027	ug/l 98
10) Methyl Iodide	3.91	142	56861	32.860	ug/l 99
11) Tert butyl alcohol	4.73	59	75951	271.463	ug/l 99
12) 1,1-Dichloroethene	3.69	96	73818	48.192	ug/l 95
13) Acrolein	3.56	56	42390	253.498	ug/l 99
14) Allyl chloride	4.27	41	102163	50.253	ug/l 98
15) Acrylonitrile	4.93	53	206626	298.050	ug/l 99
16) Acetone	3.77	43	163311	273.452	ug/l 98
17) Carbon Disulfide	4.00	76	173637	38.742	ug/l 99
18) Methyl Acetate	4.27	43	98777	57.448	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	278993	54.704	ug/l 99
20) Methylene Chloride	4.50	84	93786	48.201	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	83939	47.709	ug/l 99
22) Diisopropyl ether	5.90	45	253173	54.452	ug/l 99
23) Vinyl Acetate	5.84	43	1002896	274.251	ug/l 97
24) 1,1-Dichloroethane	5.79	63	159820	52.510	ug/l 99
25) 2-Butanone	6.78	43	252429	289.700	ug/l 99
26) 2,2-Dichloropropane	6.77	77	86829	33.908	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	102125	50.306	ug/l 99
28) Bromochloromethane	7.15	49	74019	54.620	ug/l 95
29) Tetrahydrofuran	7.16	42	166609	290.543	ug/l 98
30) Chloroform	7.33	83	166831	51.288	ug/l 99
31) Cyclohexane	7.61	56	117935	44.263	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	140748	50.807	ug/l 99
36) 1,1-Dichloropropene	7.75	75	115542	45.717	ug/l 99
37) Ethyl Acetate	6.88	43	108462	54.957	ug/l 99
38) Carbon Tetrachloride	7.73	117	118491	47.344	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119914	44.064	ug/l	98
40) Benzene	8.00	78	367729	48.033	ug/l	98
41) Methacrylonitrile	7.12	41	43055	51.017	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	128632	49.276	ug/l	99
43) Isopropyl Acetate	8.13	43	179205	53.881	ug/l #	90
44) Trichloroethene	8.80	130	97381	48.332	ug/l	100
45) 1,2-Dichloropropane	9.08	63	95804	50.921	ug/l	99
46) Dibromomethane	9.17	93	64473	48.663	ug/l	98
47) Bromodichloromethane	9.37	83	137145	50.553	ug/l	99
48) Methyl methacrylate	9.17	41	81244	53.714	ug/l	97
49) 1,4-Dioxane	9.17	88	37165	1070.243	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	546992	278.307	ug/l	99
52) Toluene	10.12	92	238047	49.510	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	138109	47.955	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	150365	48.070	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	101018	53.400	ug/l	99
56) Ethyl methacrylate	10.40	69	138058	47.907	ug/l	98
57) 1,3-Dichloropropane	10.68	76	166816	52.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	285766	286.226	ug/l	98
59) 2-Hexanone	10.72	43	400196	254.608	ug/l	100
60) Dibromochloromethane	10.87	129	106916	50.650	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99739	50.492	ug/l	99
64) Tetrachloroethene	10.60	164	77013	45.771	ug/l	99
65) Chlorobenzene	11.40	112	261311	46.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	96051	49.441	ug/l	100
67) Ethyl Benzene	11.48	91	460133	49.268	ug/l	99
68) m/p-Xylenes	11.59	106	354795	98.519	ug/l	100
69) o-Xylene	11.92	106	171549	49.925	ug/l	98
70) Styrene	11.94	104	294930	51.261	ug/l	100
71) Bromoform	12.10	173	72043	50.859	ug/l #	99
73) Isopropylbenzene	12.22	105	451453	49.414	ug/l	100
74) N-amyl acetate	12.04	43	160857	48.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	150272	50.590	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	178849	70.857	ug/l #	100
77) Bromobenzene	12.50	156	110888	48.109	ug/l	98
78) n-propylbenzene	12.56	91	511307	49.048	ug/l	100
79) 2-Chlorotoluene	12.65	91	307878	49.174	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	376264	49.780	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	41518	44.863	ug/l	99
82) 4-Chlorotoluene	12.75	91	316385	48.904	ug/l	98
83) tert-Butylbenzene	12.97	119	315703	49.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	383795	51.438	ug/l	99
85) sec-Butylbenzene	13.15	105	422463	50.370	ug/l	98
86) p-Isopropyltoluene	13.26	119	373197	49.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	198692	47.264	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	198068	46.029	ug/l	99
89) n-Butylbenzene	13.59	91	300344	48.120	ug/l	99
90) Hexachloroethane	13.85	117	70506	51.537	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	197745	48.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26258	54.452	ug/l	93

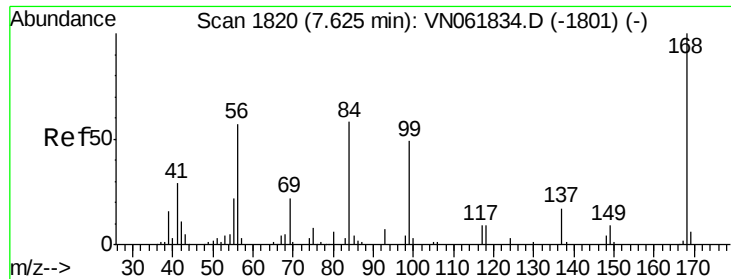
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	90413	47.344	ug/l	99
94) Hexachlorobutadiene	14.99	225	35508	47.208	ug/l	98
95) Naphthalene	15.10	128	271868	43.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92755	49.042	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

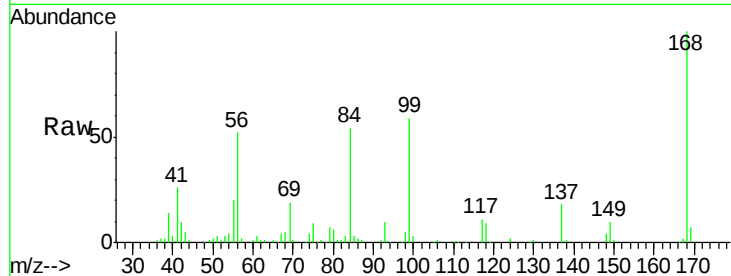
VSTDCCC050EC

Tgt Ion:168 Resp: 150756

Ion Ratio Lower Upper

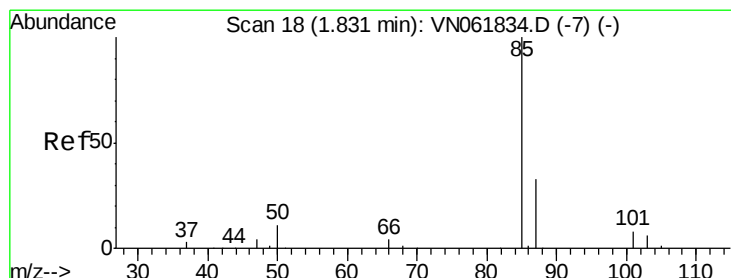
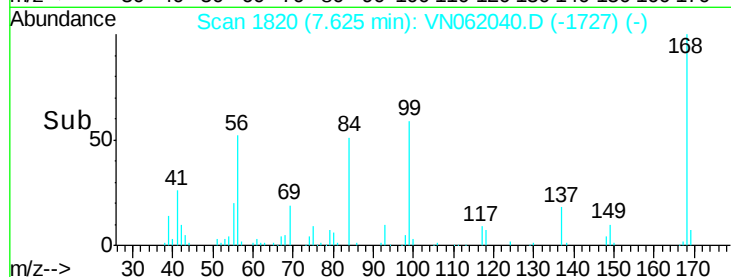
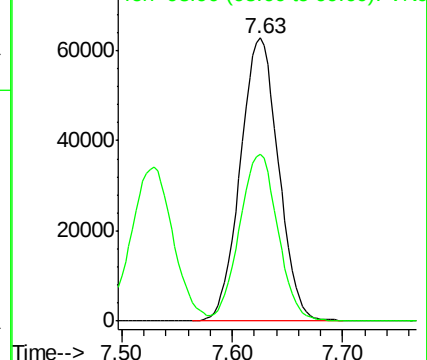
168 100

99 58.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.706 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062040.D

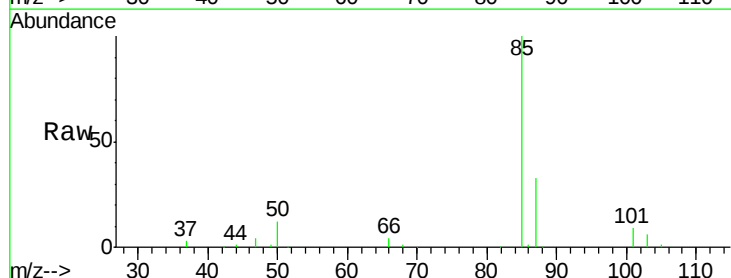
Acq: 23 Jun 2020 8:47

Tgt Ion: 85 Resp: 89606

Ion Ratio Lower Upper

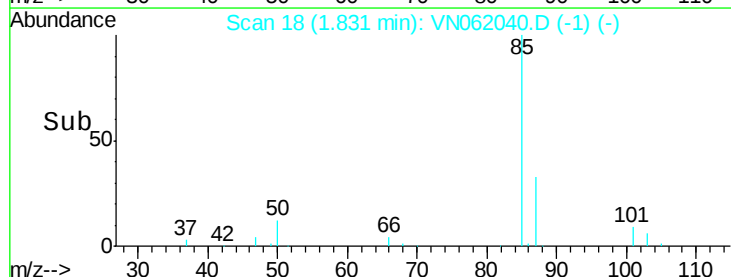
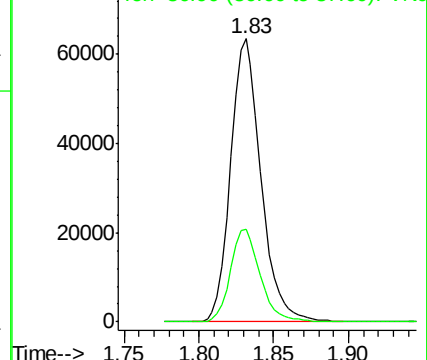
85 100

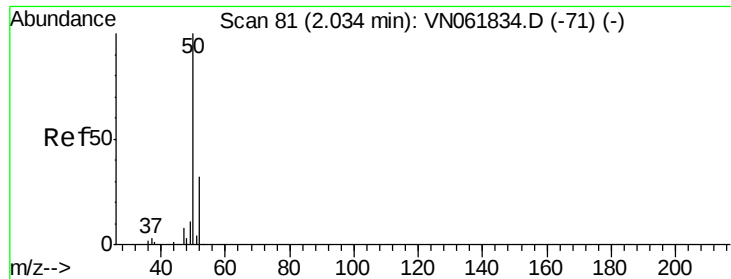
87 32.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.510 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

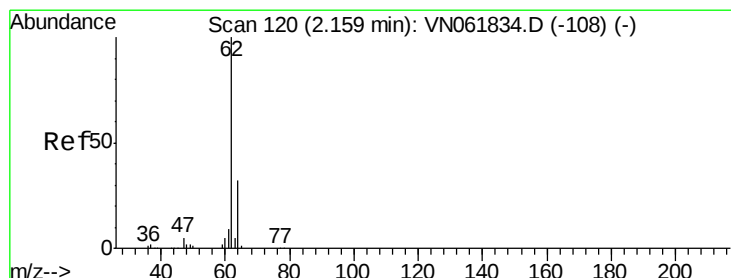
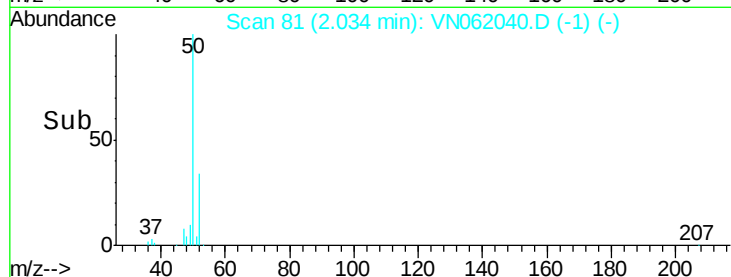
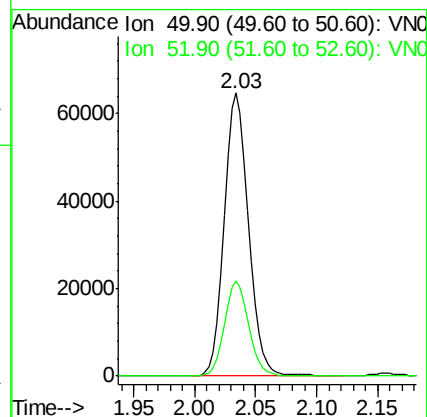
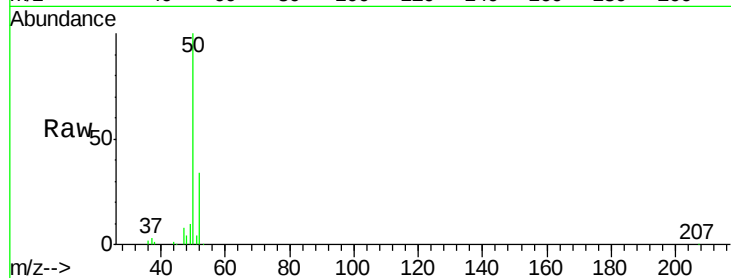
VSTDCCC050EC

Tgt Ion: 50 Resp: 91049

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 45.696 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062040.D

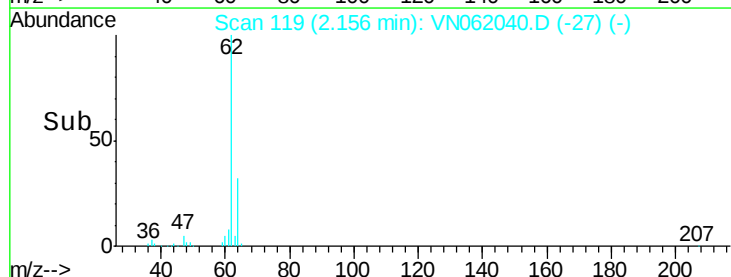
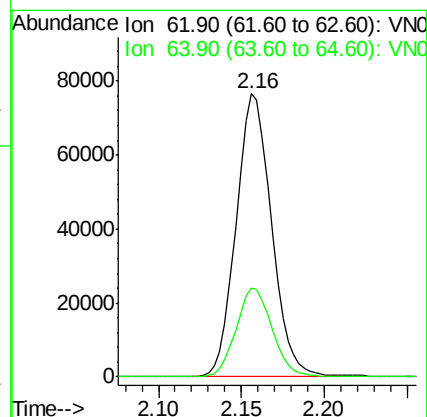
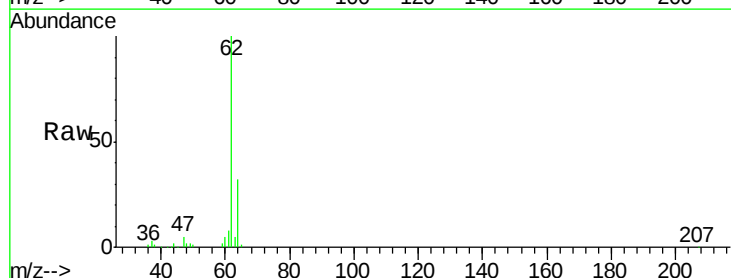
Acq: 23 Jun 2020 8:47

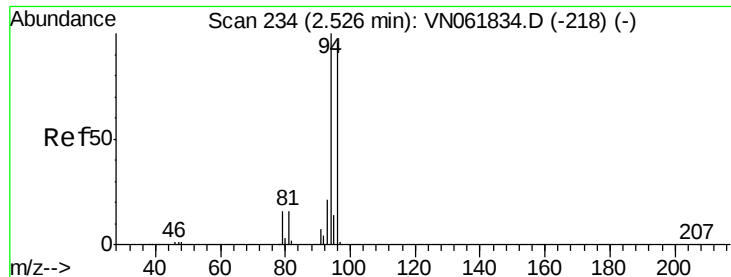
Tgt Ion: 62 Resp: 113993

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 25.100 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.01 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

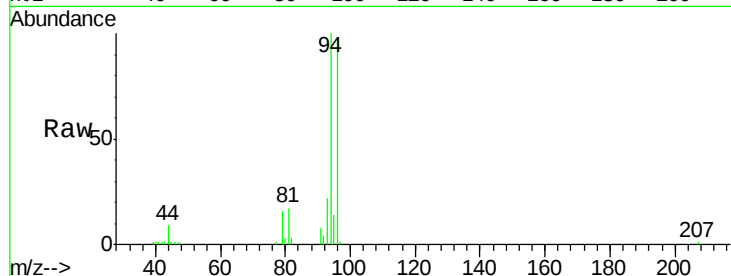
VSTDCCC050EC

Tgt Ion: 94 Resp: 48083

Ion Ratio Lower Upper

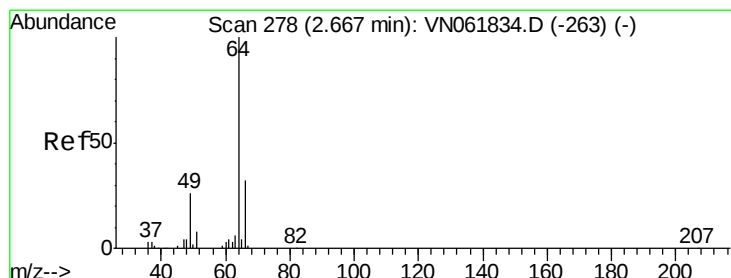
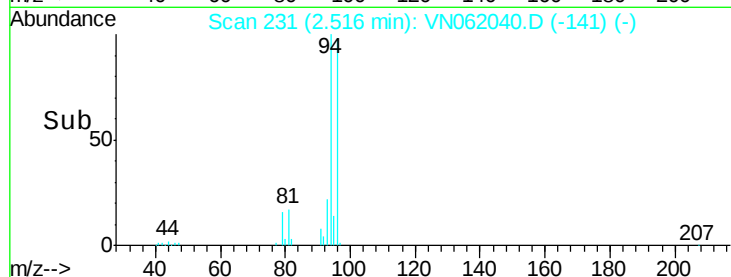
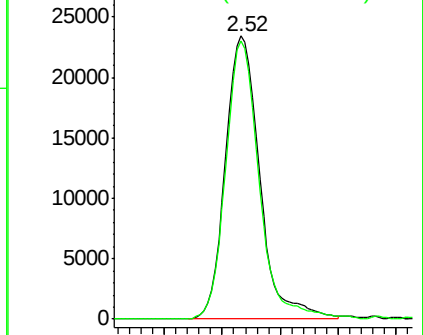
94 100

96 98.4 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.995 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN062040.D

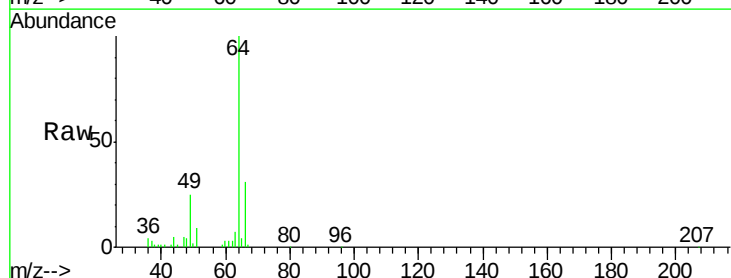
Acq: 23 Jun 2020 8:47

Tgt Ion: 64 Resp: 81031

Ion Ratio Lower Upper

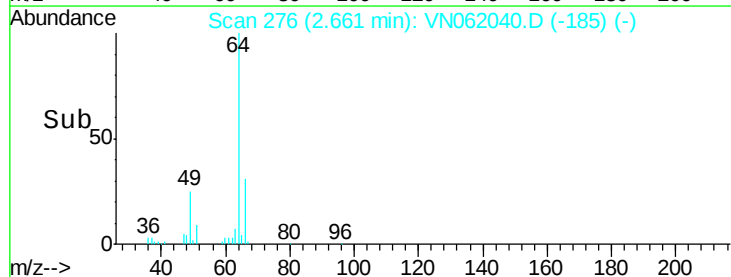
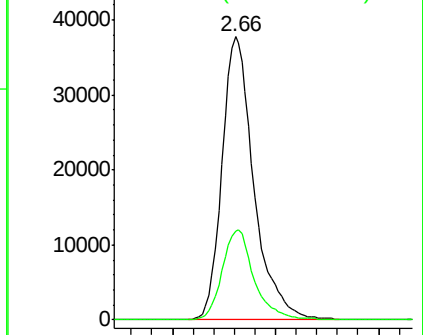
64 100

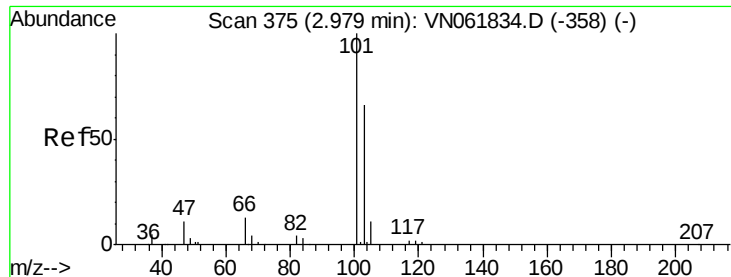
66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



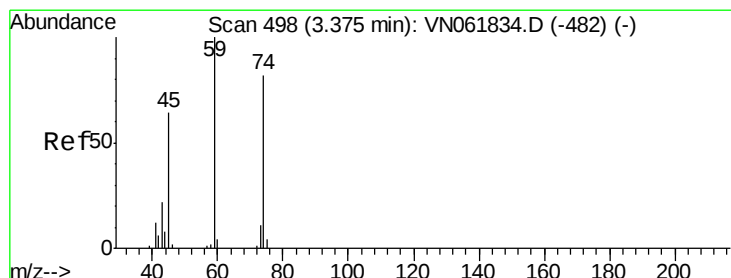
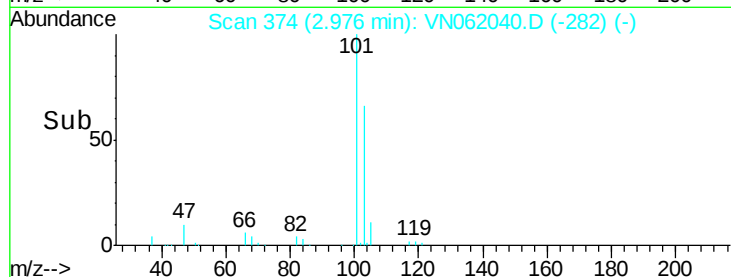
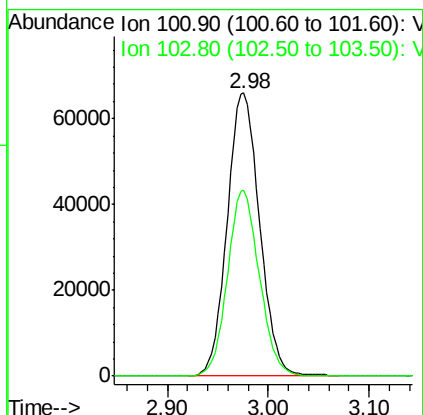
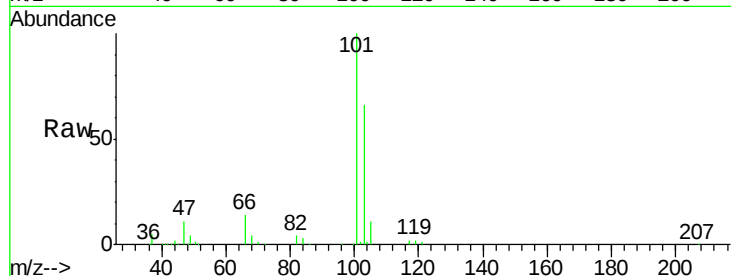


#7

Trichlorofluoromethane
 Concen: 49.660 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062040.D
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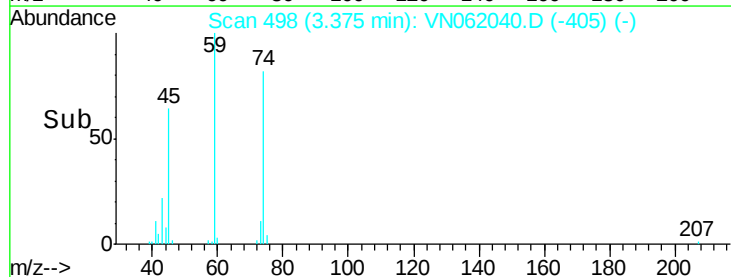
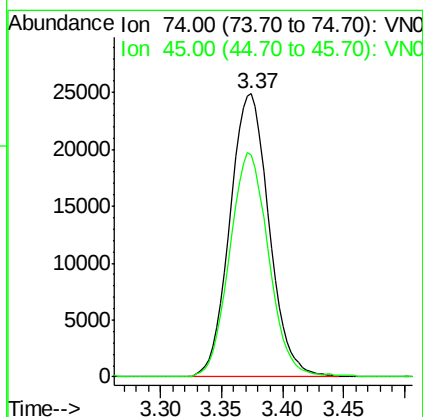
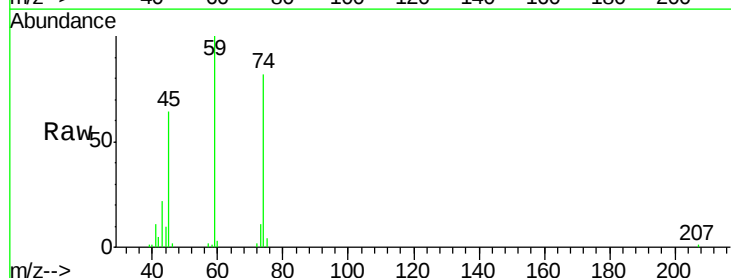
Tgt Ion:101 Resp: 147977
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.8 79.2

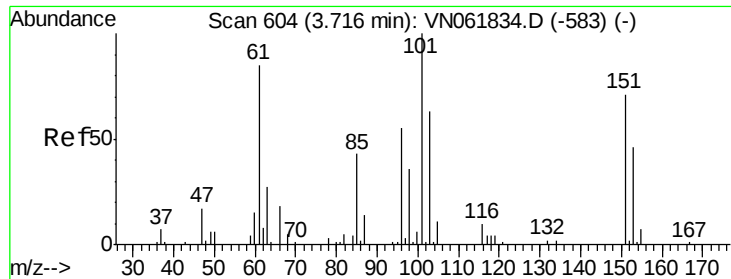


#8

Diethyl Ether
 Concen: 55.500 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 74 Resp: 55597
 Ion Ratio Lower Upper
 74 100
 45 78.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.027 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

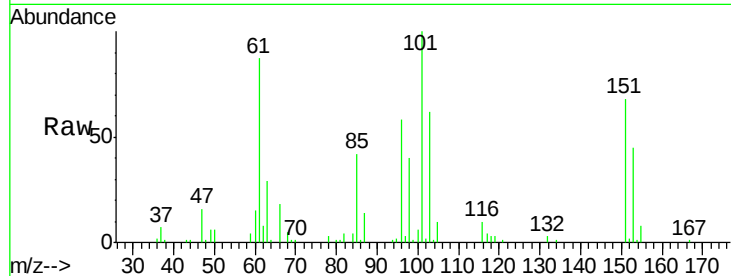
Tgt Ion:101 Resp: 76476

Ion Ratio Lower Upper

101 100

85 43.8 35.0 52.6

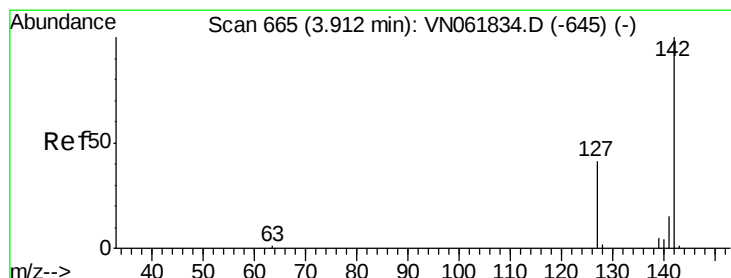
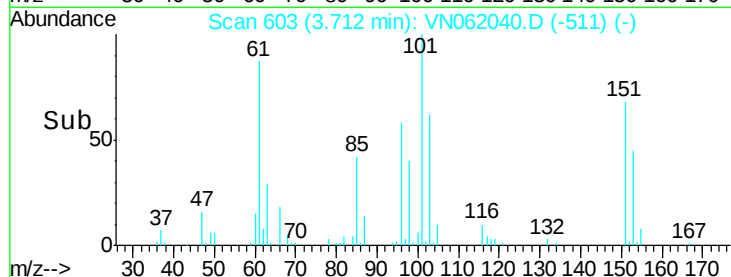
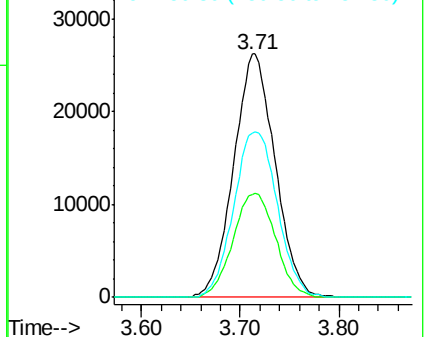
151 71.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.860 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

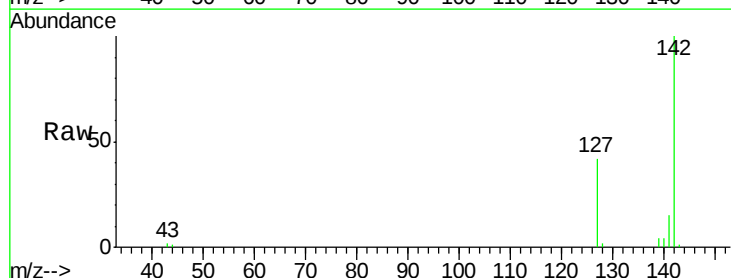
Tgt Ion:142 Resp: 56861

Ion Ratio Lower Upper

142 100

127 42.6 33.4 50.0

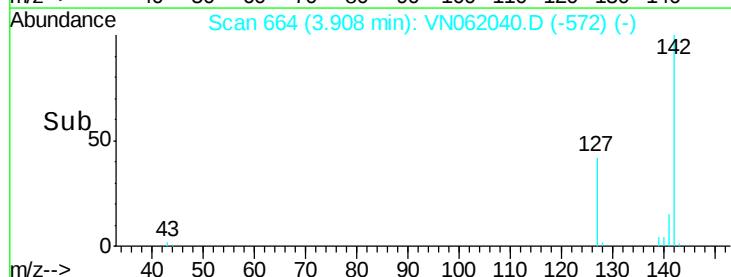
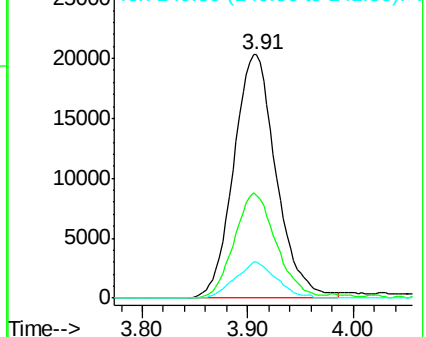
141 14.4 11.3 16.9

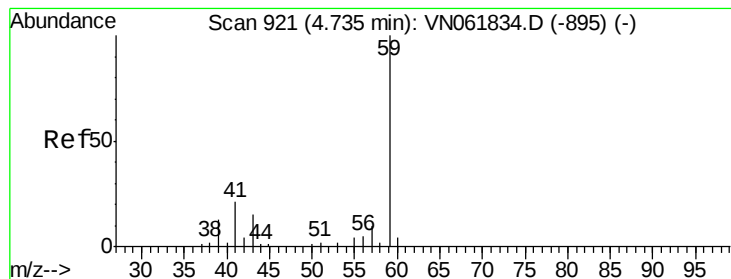


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



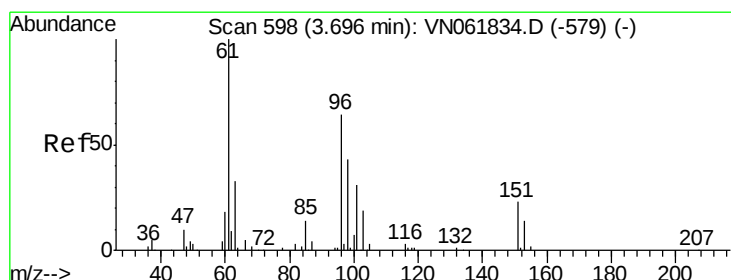
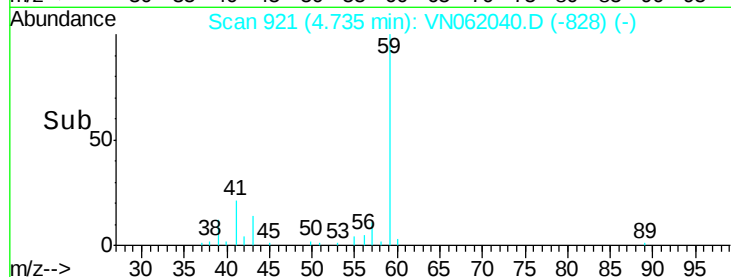
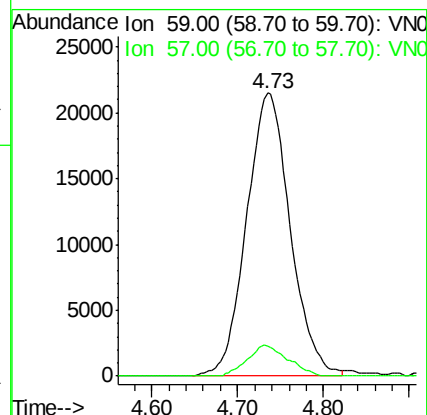
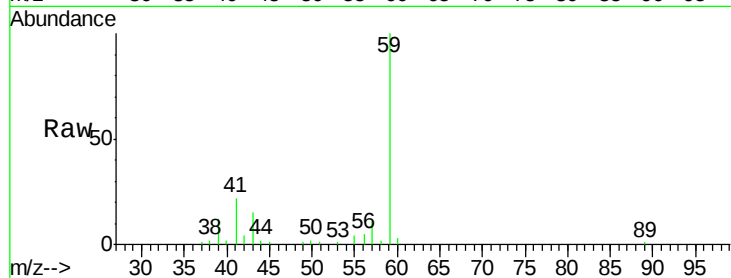


#11

Tert butyl alcohol
 Concen: 271.463 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

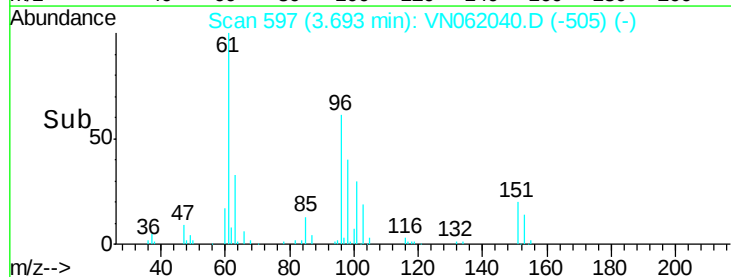
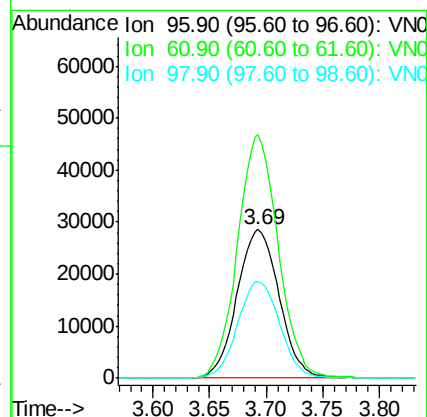
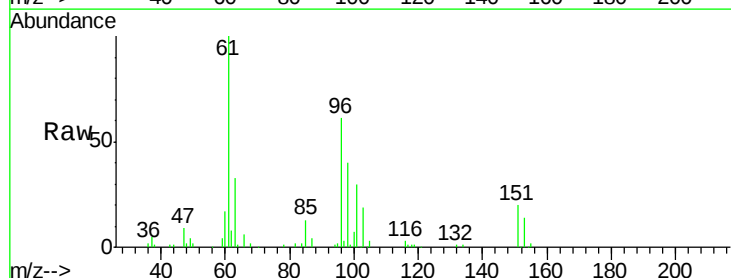
Tgt Ion: 59 Resp: 75951
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.7 11.5

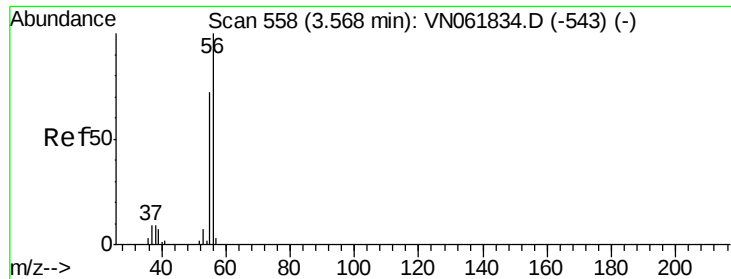


#12

1,1-Dichloroethene
 Concen: 48.192 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 96 Resp: 73818
 Ion Ratio Lower Upper
 96 100
 61 163.7 124.3 186.5
 98 65.2 53.1 79.7





#13

Acrolein

Concen: 253.498 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

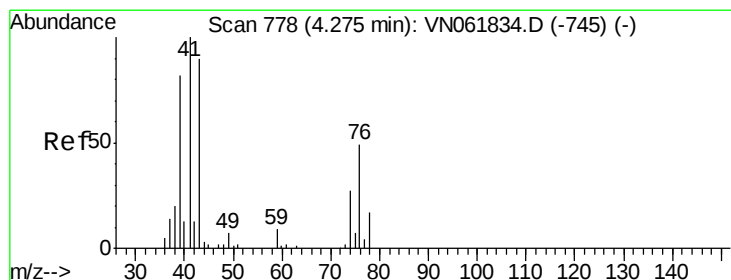
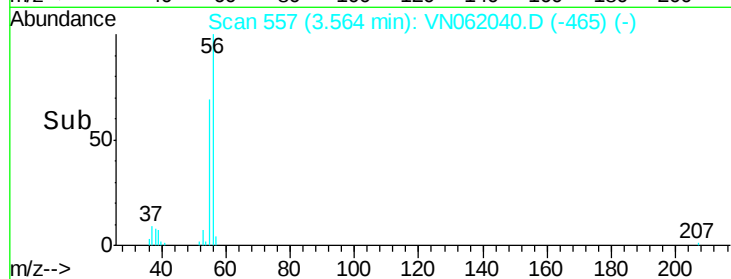
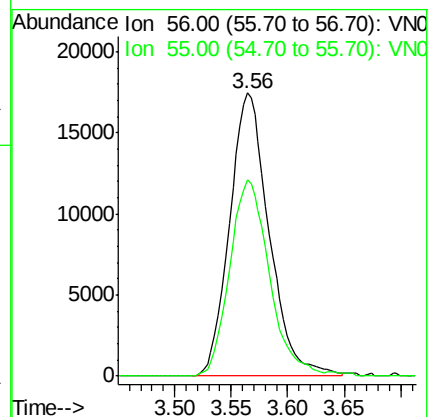
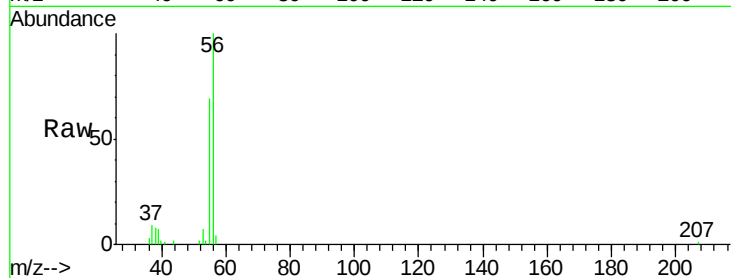
VSTDCCC050EC

Tgt Ion: 56 Resp: 42390

Ion Ratio Lower Upper

56 100

55 69.5 56.2 84.4



#14

Allyl chloride

Concen: 50.253 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

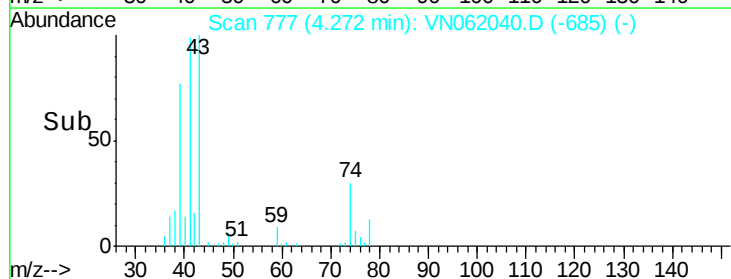
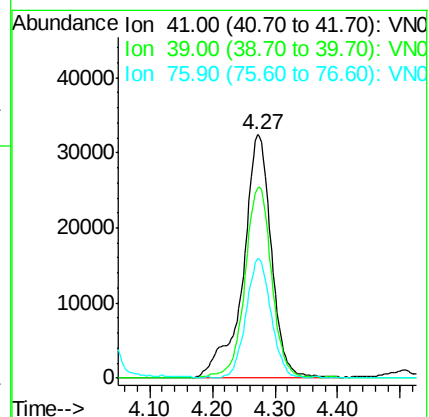
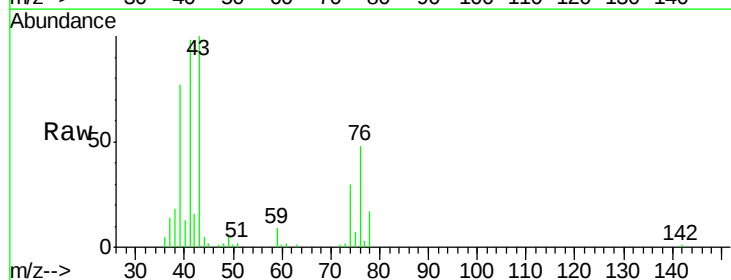
Tgt Ion: 41 Resp: 102163

Ion Ratio Lower Upper

41 100

39 73.9 60.2 90.2

76 43.1 36.3 54.5





#15

Acrylonitrile

Concen: 298.050 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

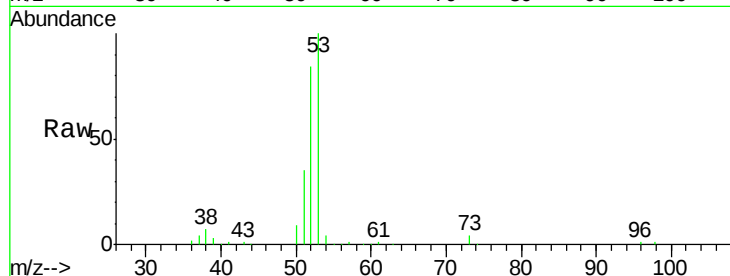
Tgt Ion: 53 Resp: 206626

Ion Ratio Lower Upper

53 100

52 81.0 65.2 97.8

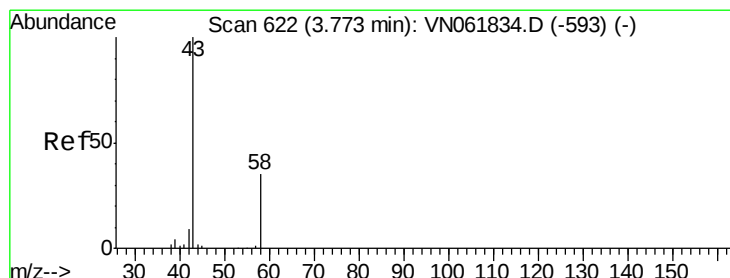
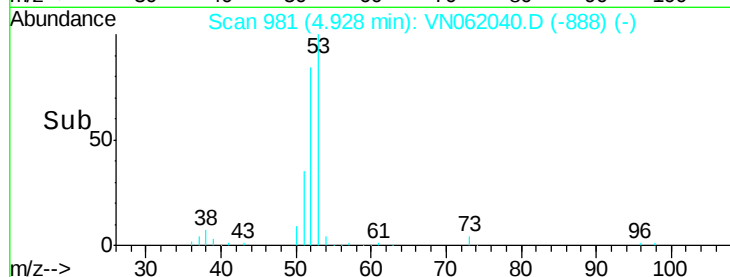
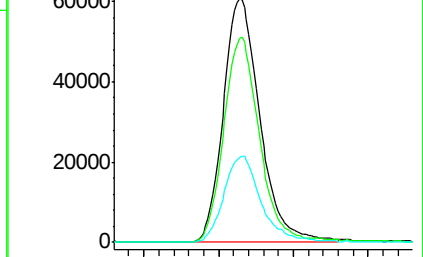
51 35.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 273.452 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062040.D

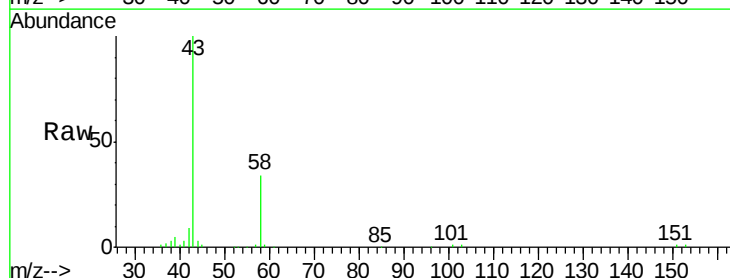
Acq: 23 Jun 2020 8:47

Tgt Ion: 43 Resp: 163311

Ion Ratio Lower Upper

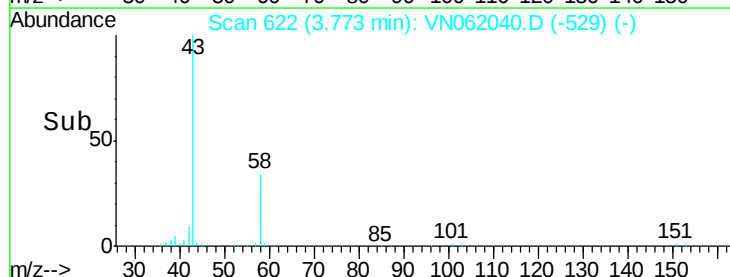
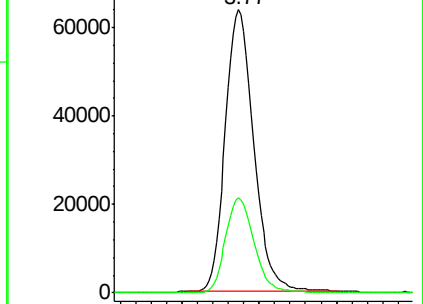
43 100

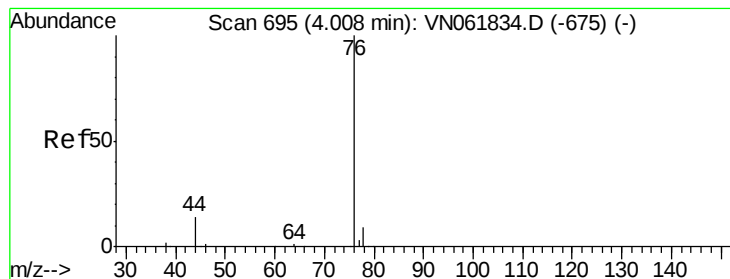
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)





#17

Carbon Disulfide

Concen: 38.742 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

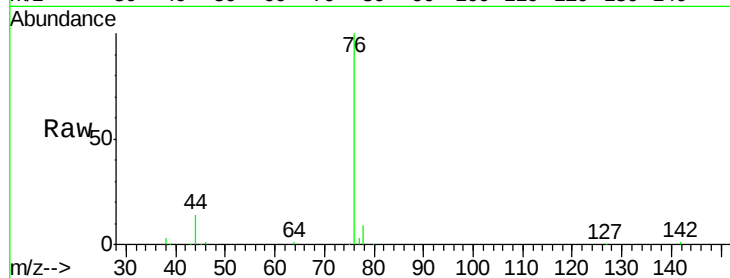
VSTDCCC050EC

Tgt Ion: 76 Resp: 173637

Ion Ratio Lower Upper

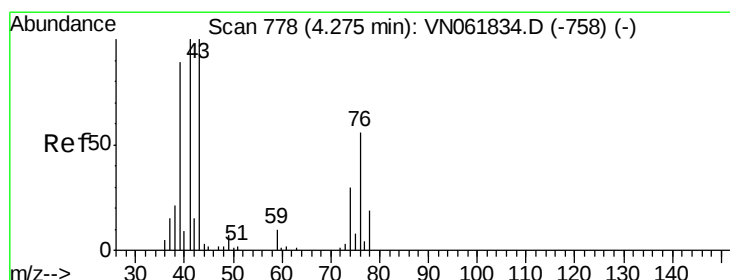
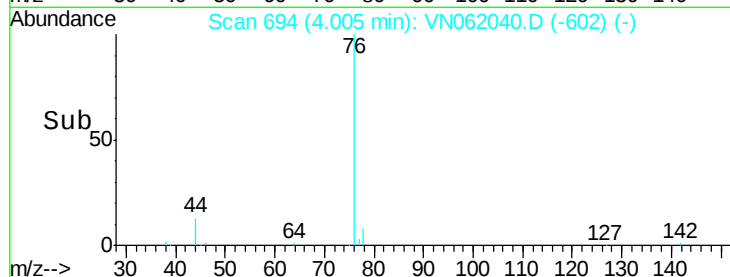
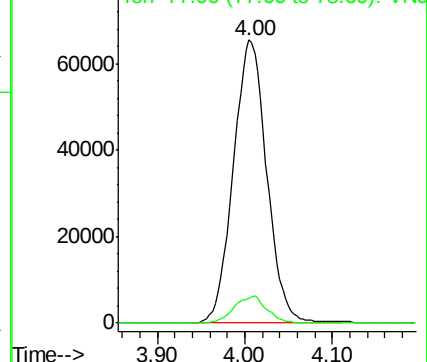
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 57.448 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062040.D

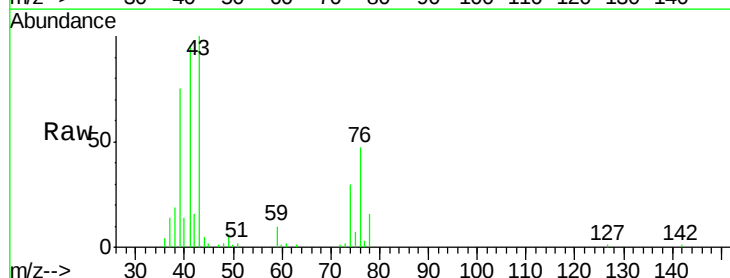
Acq: 23 Jun 2020 8:47

Tgt Ion: 43 Resp: 98777

Ion Ratio Lower Upper

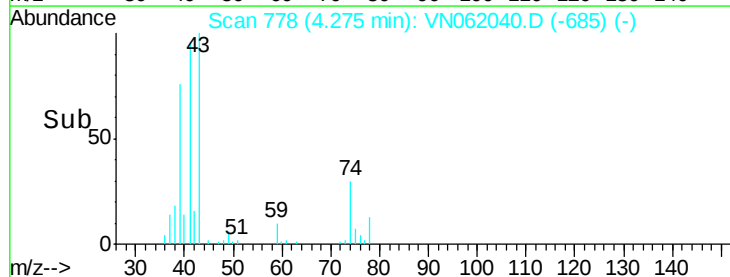
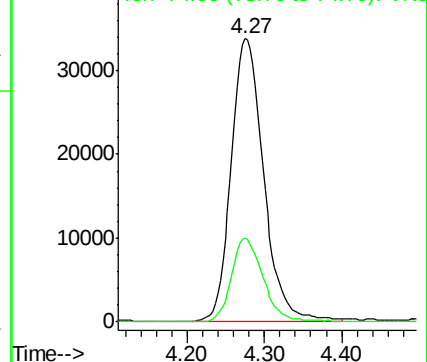
43 100

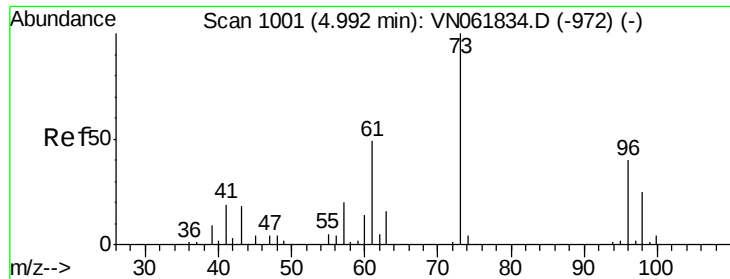
74 28.3 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

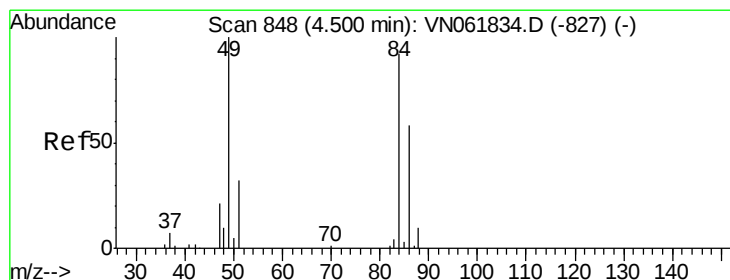
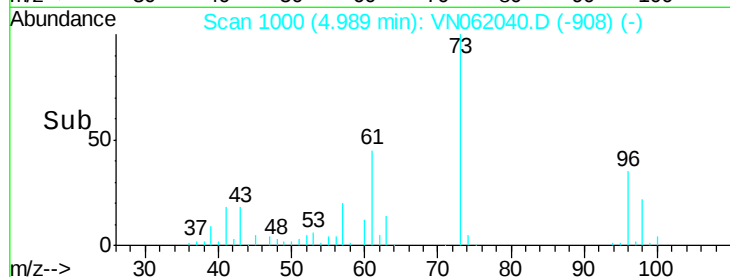
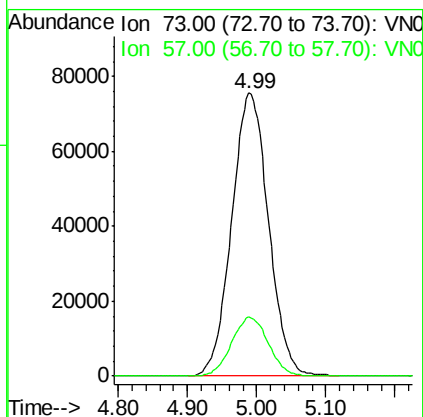
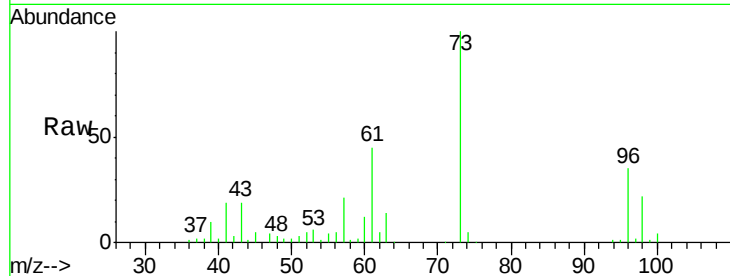




#19
Methyl tert-butyl Ether
Concen: 54.704 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

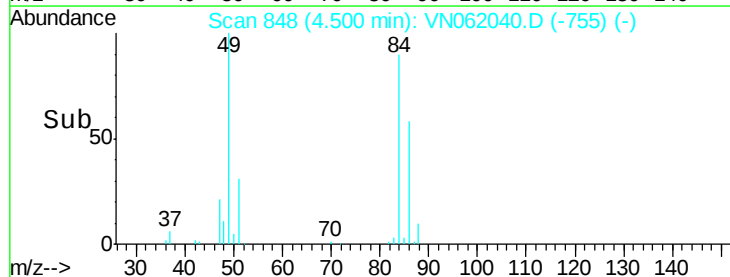
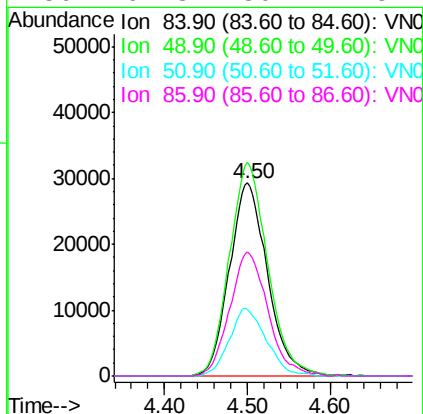
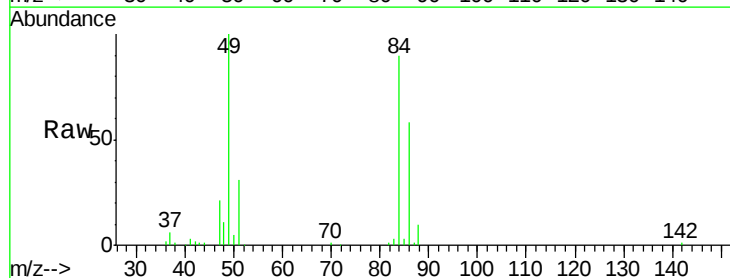
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

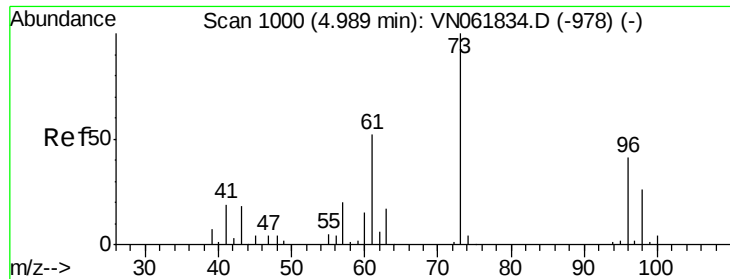
Tgt Ion: 73 Resp: 278993
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.4



#20
Methylene Chloride
Concen: 48.201 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 84 Resp: 93786
Ion Ratio Lower Upper
84 100
49 110.8 87.0 130.4
51 34.6 27.8 41.6
86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.709 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

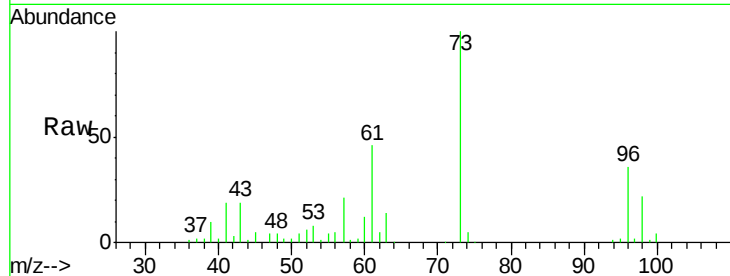
Tgt Ion: 96 Resp: 83939

Ion Ratio Lower Upper

96 100

61 127.7 102.2 153.4

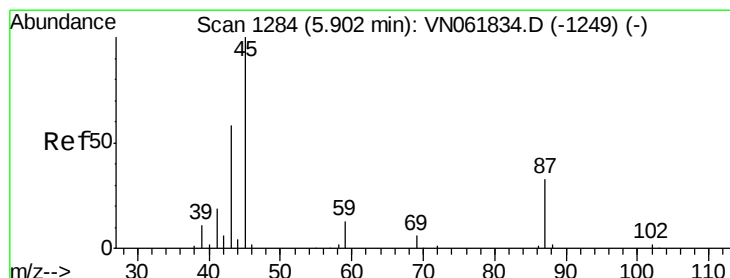
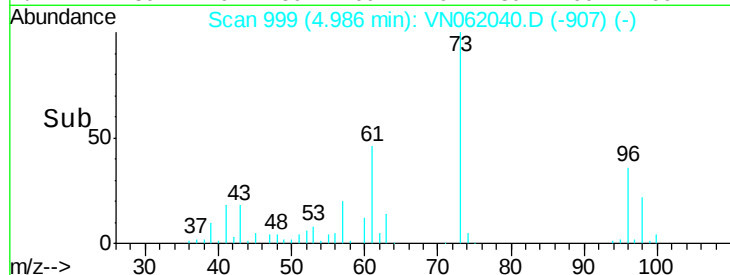
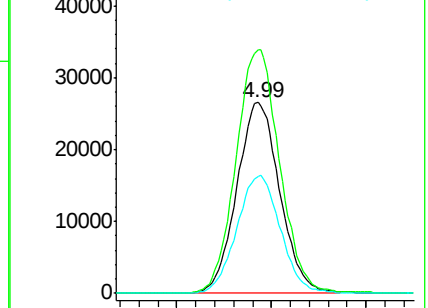
98 61.2 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN062040.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062040.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062040.D (-907) (-)



#22

Diisopropyl ether

Concen: 54.452 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Tgt Ion: 45 Resp: 253173

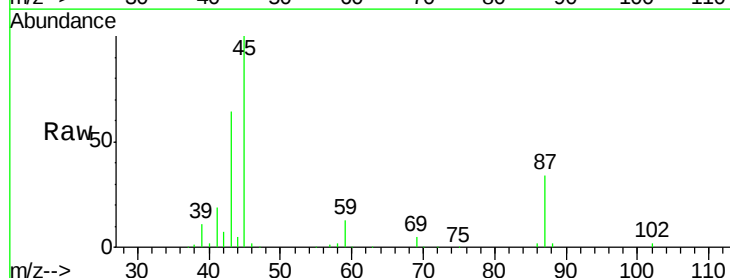
Ion Ratio Lower Upper

45 100

43 62.2 49.4 74.2

87 33.6 27.4 41.0

59 12.8 10.6 15.8

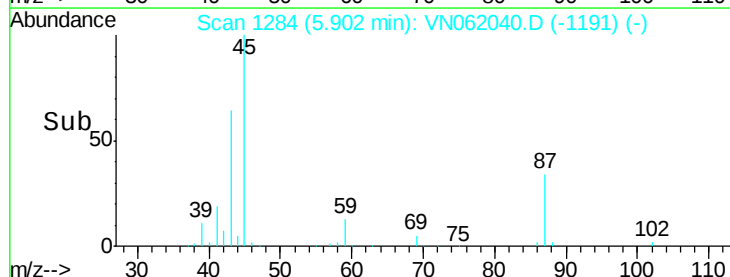
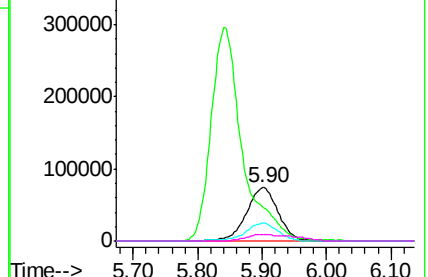


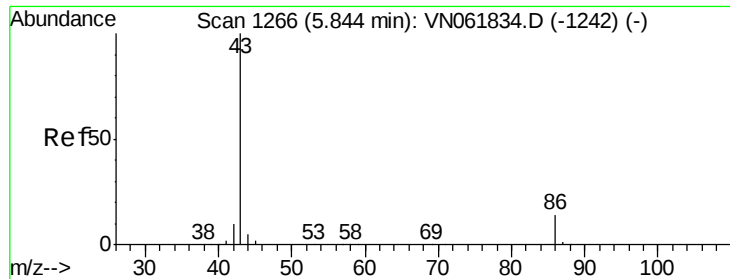
Abundance Ion 45.00 (44.70 to 45.70): VN062040.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062040.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062040.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062040.D (-1191) (-)

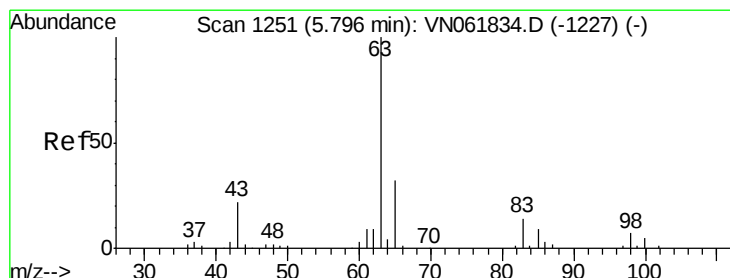
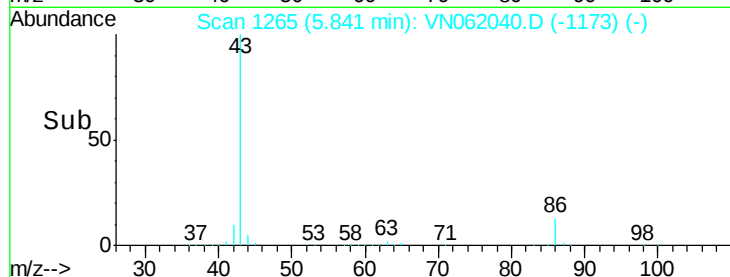
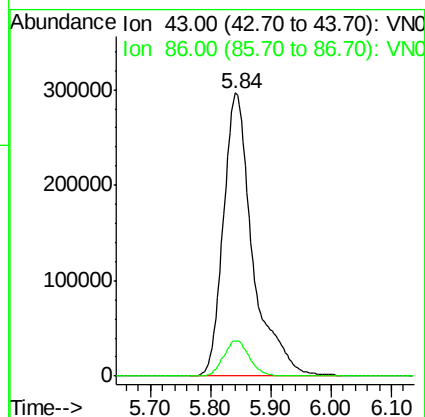
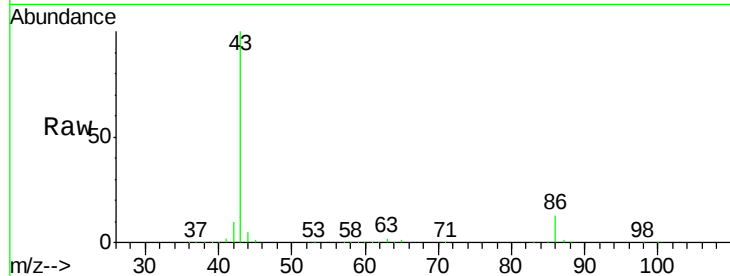




#23
 Vinyl Acetate
 Concen: 274.251 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

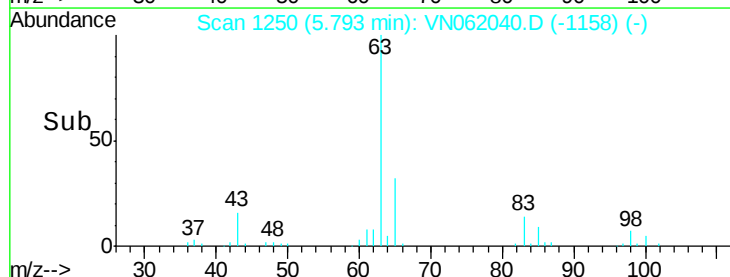
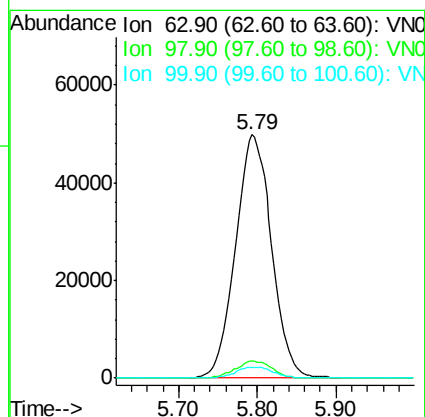
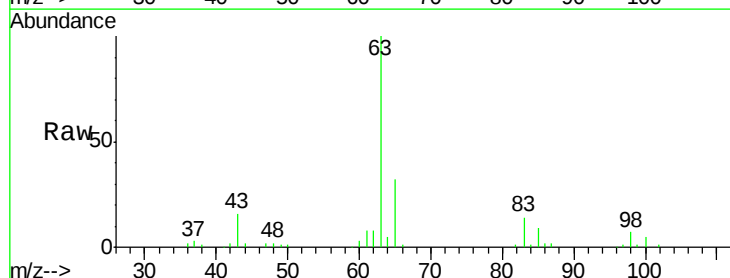
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

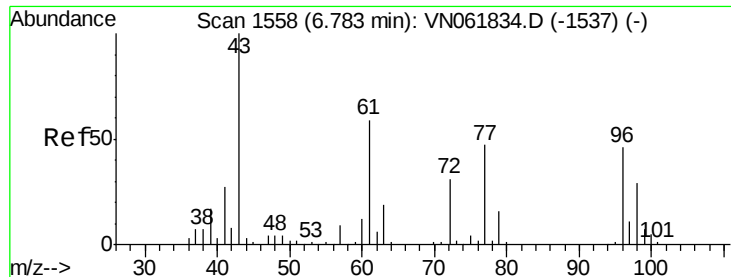
Tgt Ion: 43 Resp: 1002896
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.510 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 63 Resp: 159820
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 289.700 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

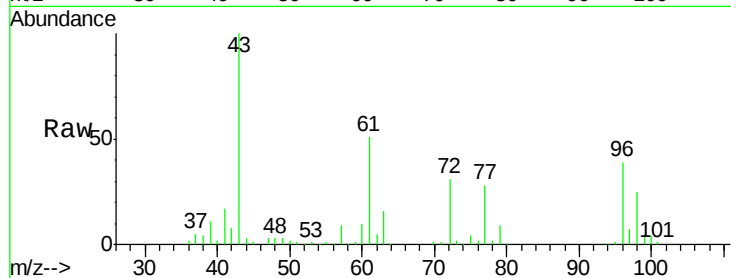
VSTDCCC050EC

Tgt Ion: 43 Resp: 252429

Ion Ratio Lower Upper

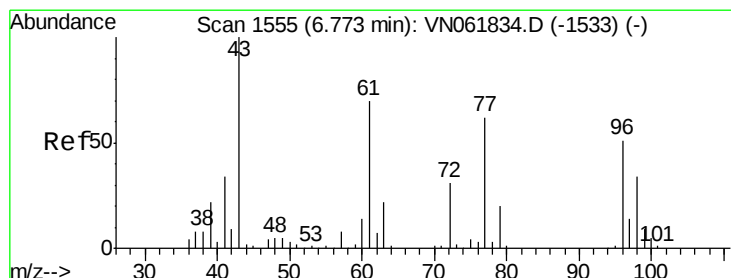
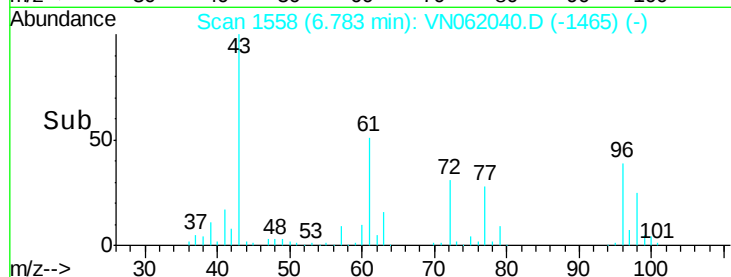
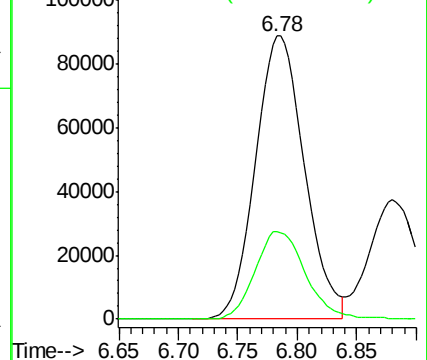
43 100

72 31.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 33.908 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062040.D

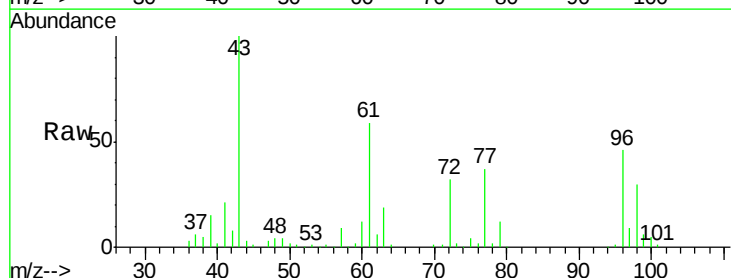
Acq: 23 Jun 2020 8:47

Tgt Ion: 77 Resp: 86829

Ion Ratio Lower Upper

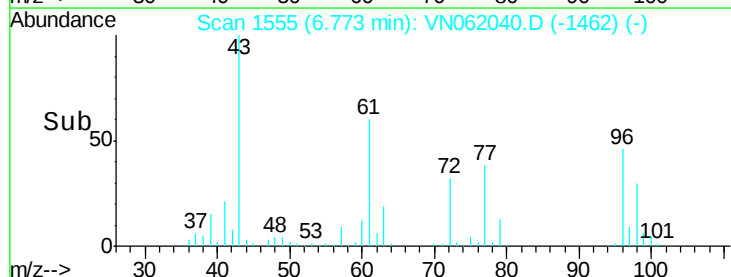
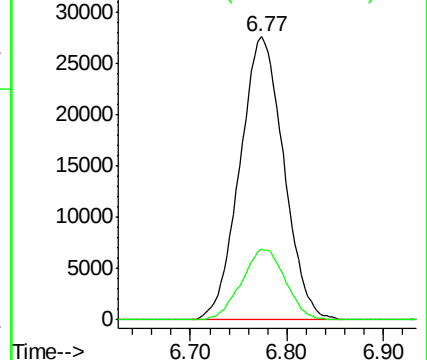
77 100

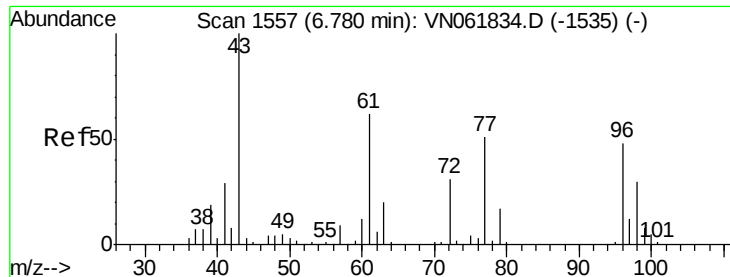
97 24.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

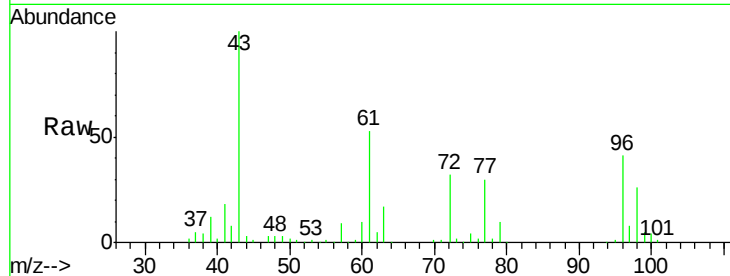




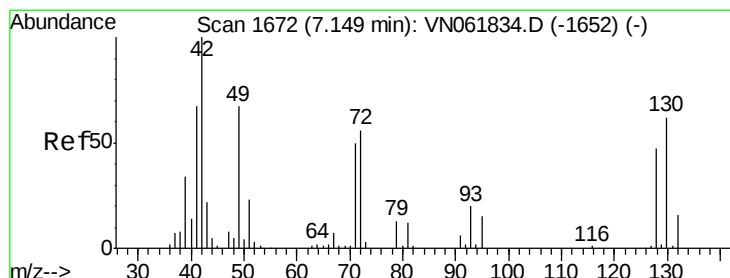
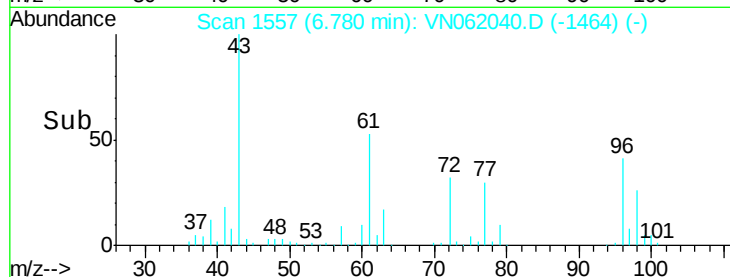
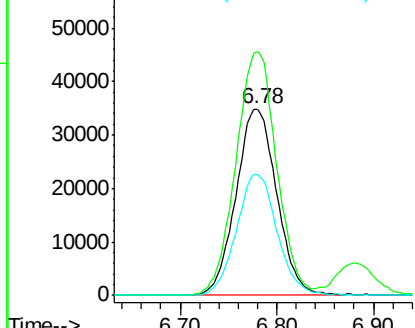
#27
 cis-1,2-Dichloroethene
 Concen: 50.306 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 102125
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 265.6
 98 64.9 0.0 128.2

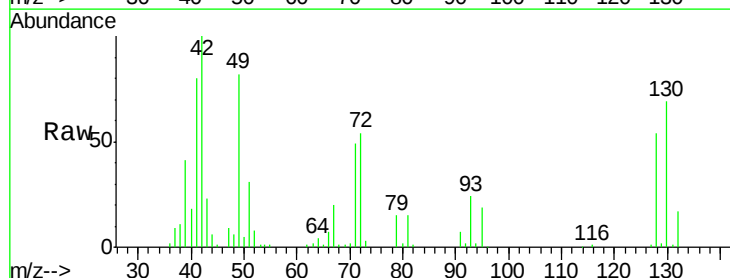


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

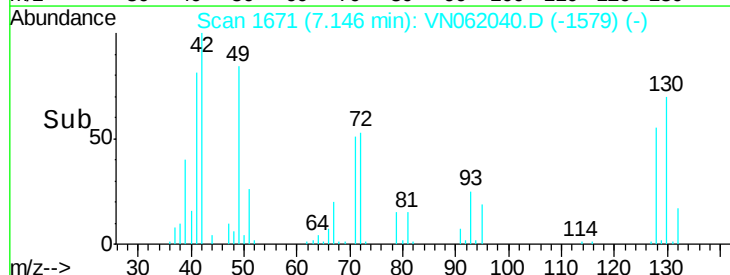
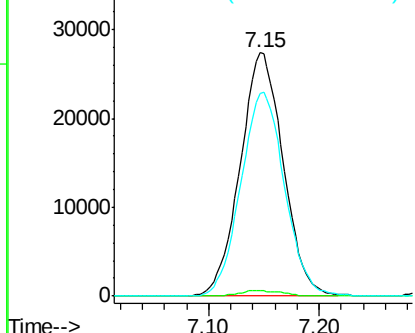


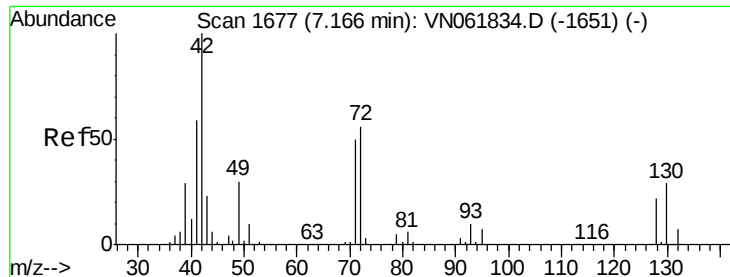
#28
 Bromochloromethane
 Concen: 54.620 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 49 Resp: 74019
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 85.2 72.2 108.2



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

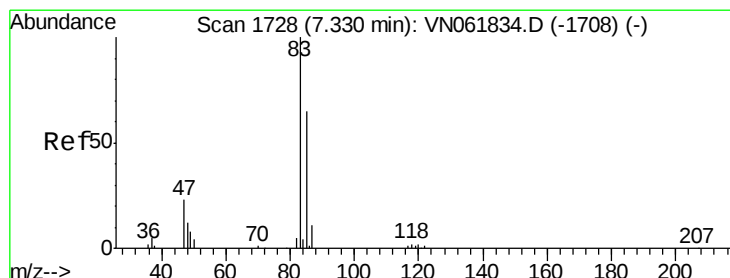
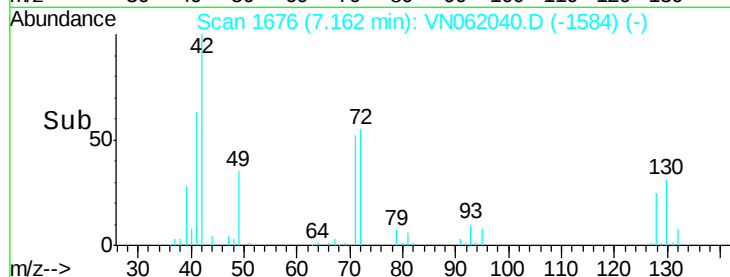
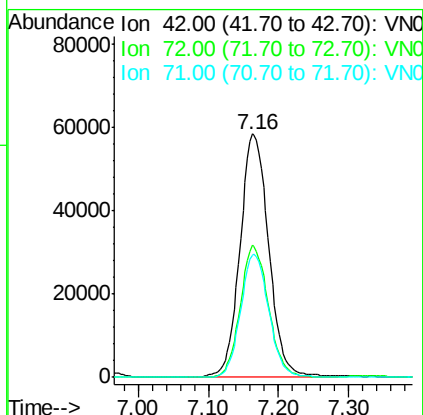
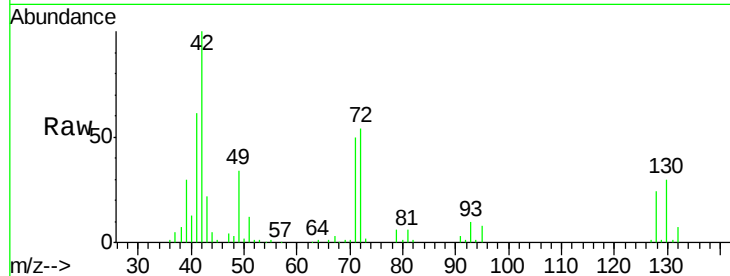




#29
Tetrahydrofuran
Concen: 290.543 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

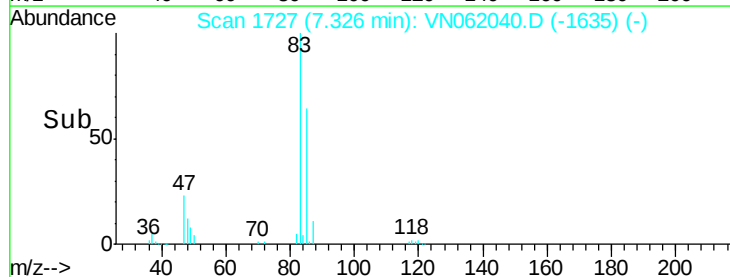
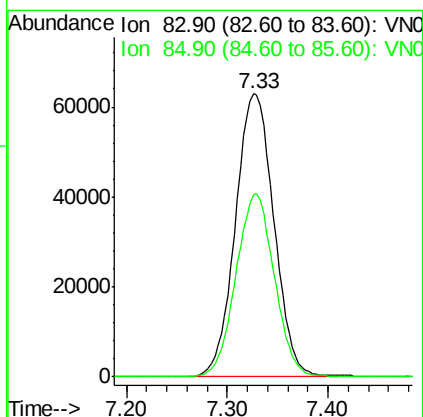
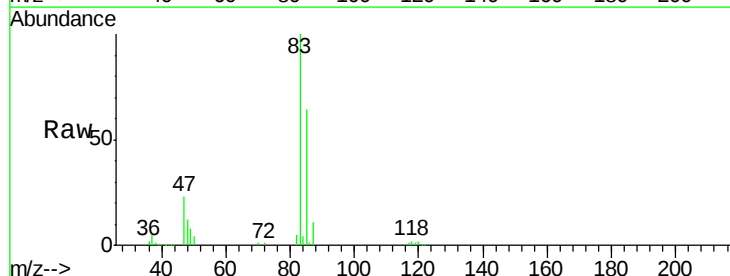
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

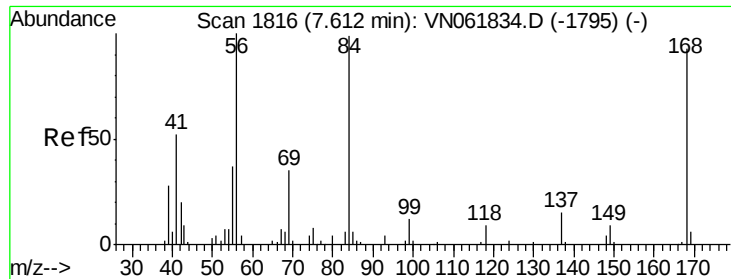
Tgt Ion: 42 Resp: 166609
Ion Ratio Lower Upper
42 100
72 52.9 44.0 66.0
71 49.2 40.0 60.0



#30
Chloroform
Concen: 51.288 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 83 Resp: 166831
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0

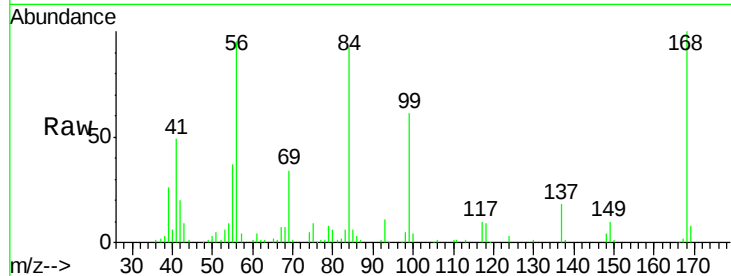




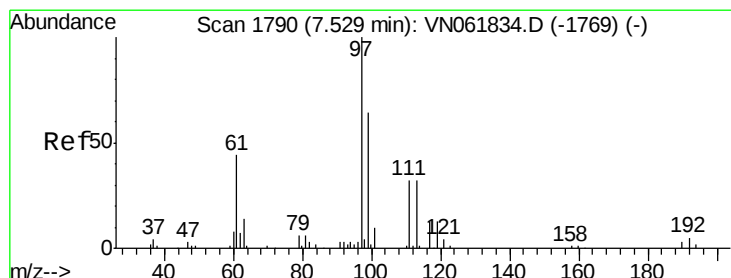
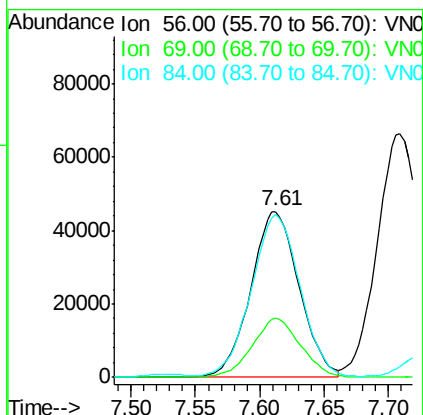
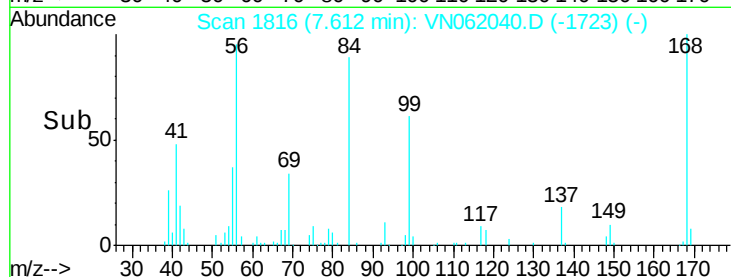
#31
Cyclohexane
Concen: 44.263 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 117935
Ion Ratio Lower Upper
56 100
69 35.6 27.7 41.5
84 96.7 79.1 118.7

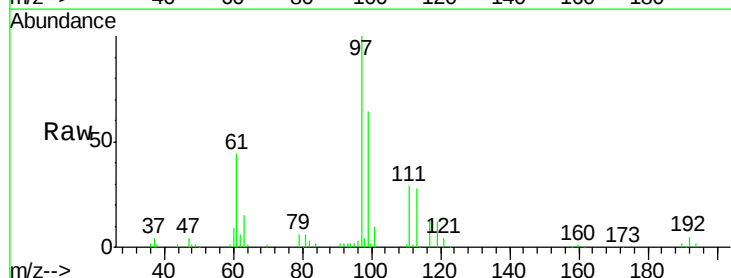


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

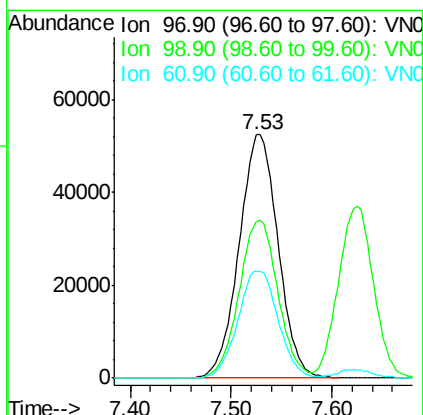
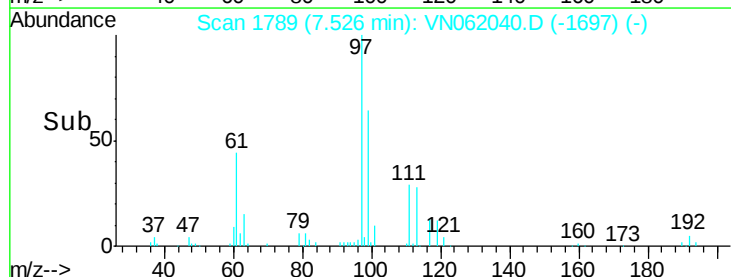


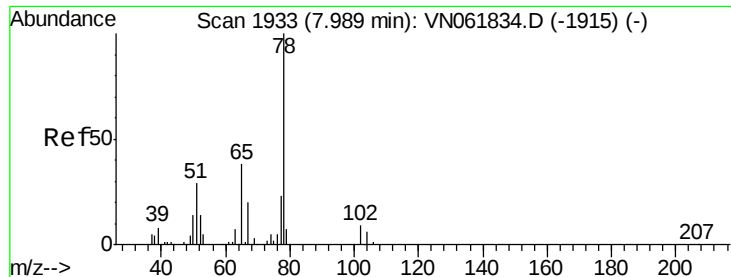
#32
1,1,1-Trichloroethane
Concen: 50.807 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 97 Resp: 140748
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 45.3 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 53.267 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

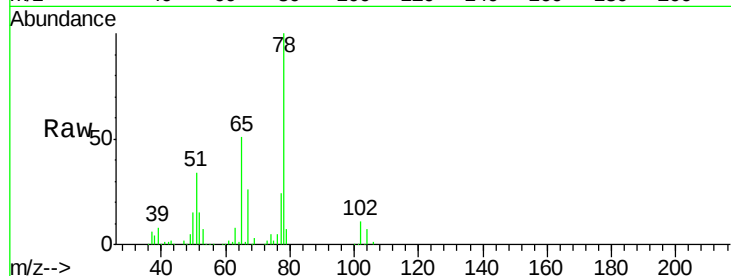
VSTDCCC050EC

Tgt Ion: 65 Resp: 107698

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2

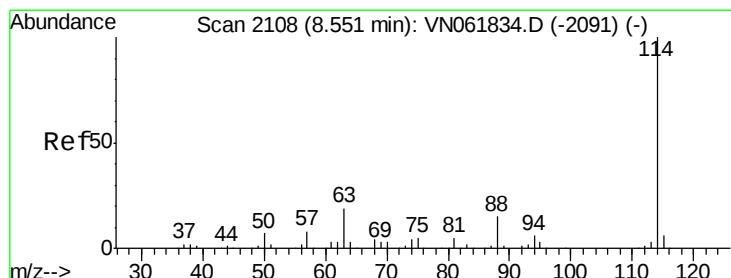
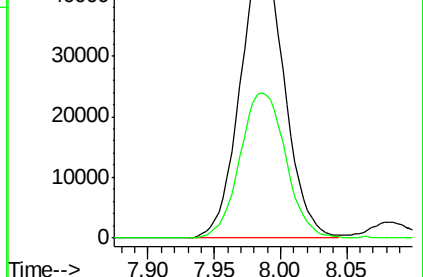
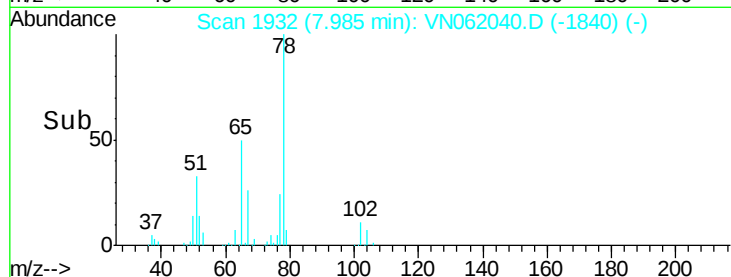


Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)

7.99

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

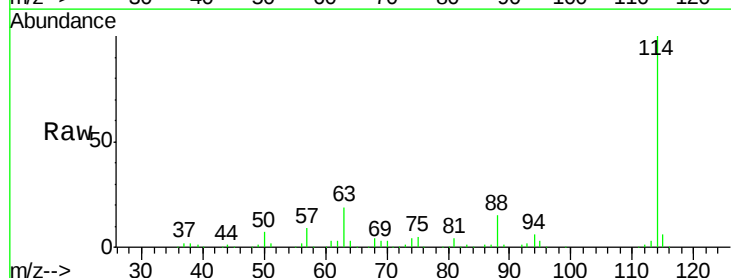
Tgt Ion: 114 Resp: 277084

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 15.4 0.0 31.0



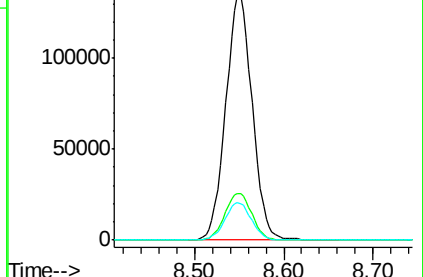
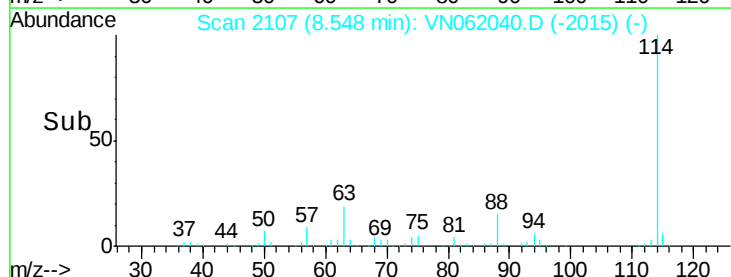
Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

8.55

Time-->

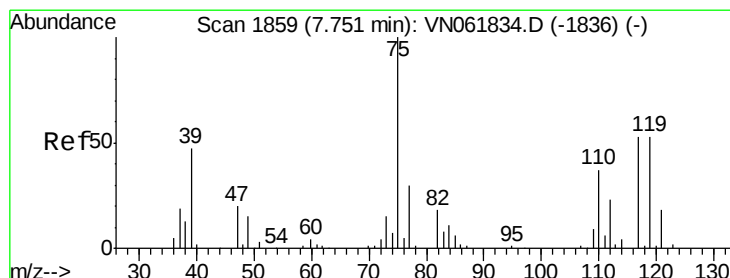
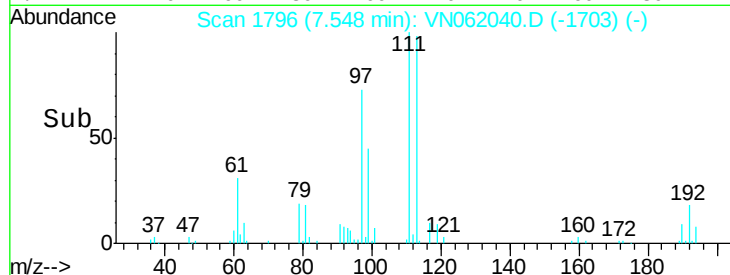
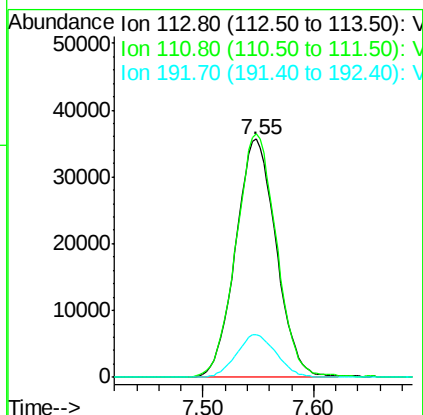
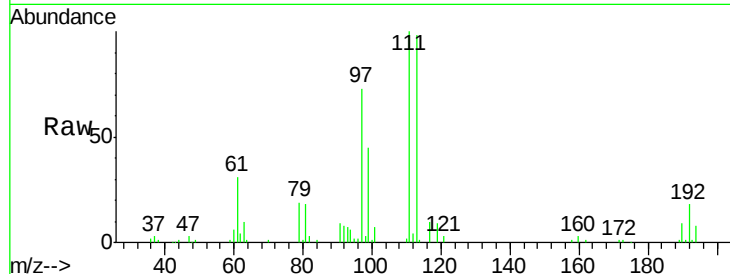




#35
 Dibromofluoromethane
 Concen: 51.107 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

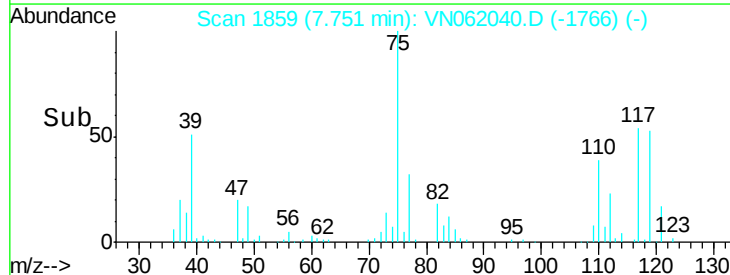
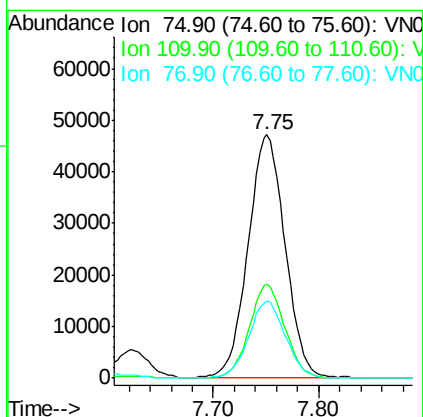
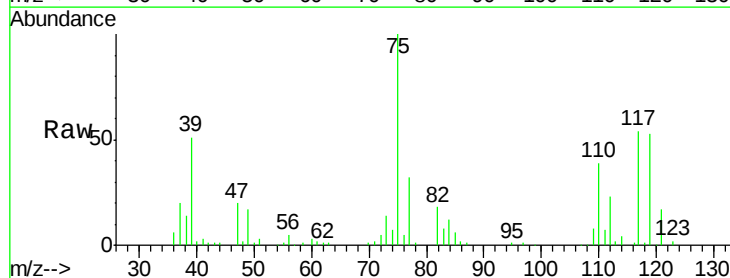
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

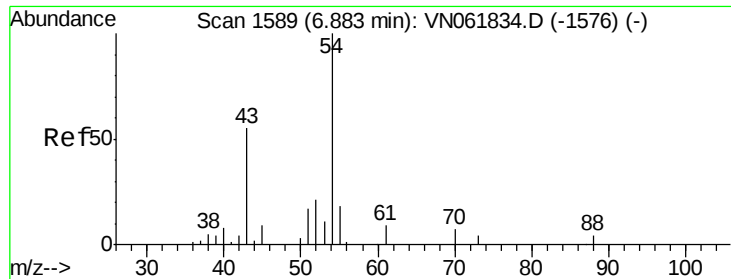
Tgt Ion: 113 Resp: 90595
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.7 125.5
 192 17.6 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 45.717 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 75 Resp: 115542
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.2 54.6
 77 31.4 24.2 36.4

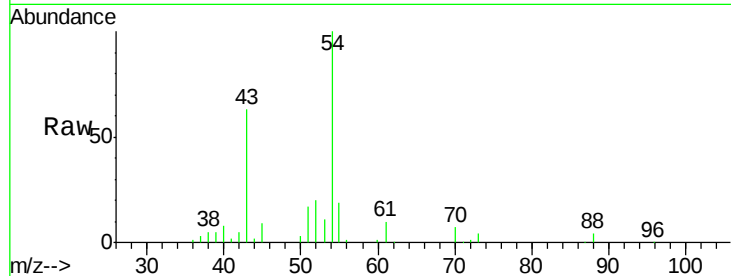




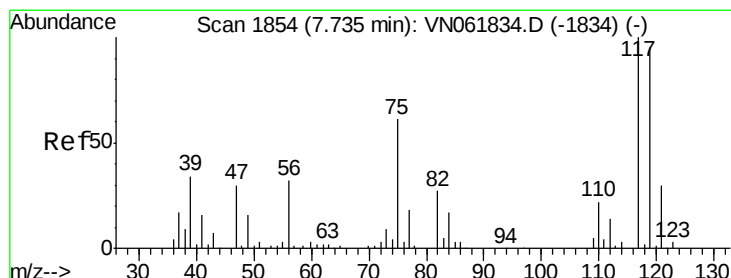
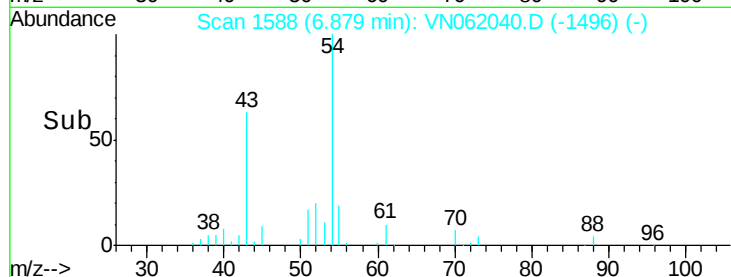
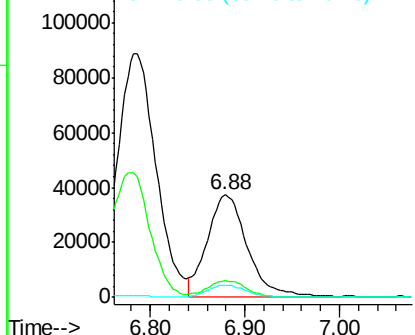
#37
 Ethyl Acetate
 Concen: 54.957 ug/l
 RT: 6.88 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 108462
 Ion Ratio Lower Upper
 43 100
 61 16.0 13.0 19.4
 70 11.6 9.4 14.2

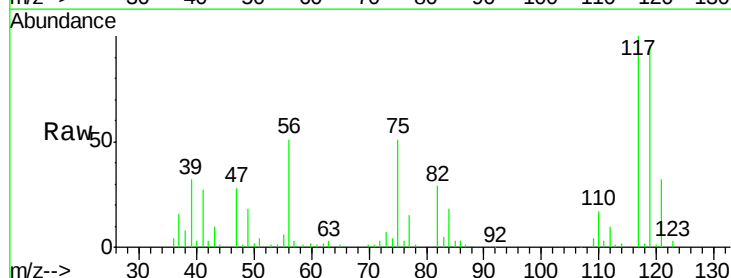


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

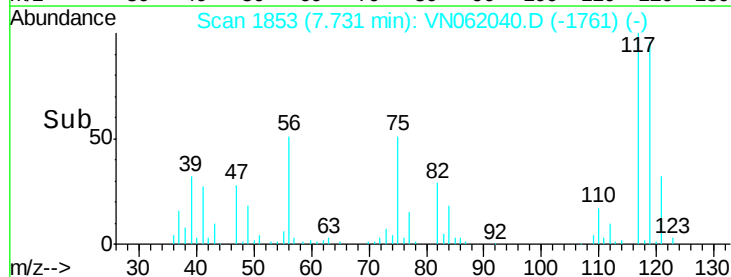
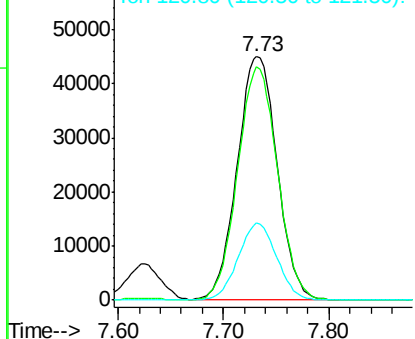


#38
 Carbon Tetrachloride
 Concen: 47.344 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 117 Resp: 118491
 Ion Ratio Lower Upper
 117 100
 119 95.9 75.8 113.6
 121 31.5 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

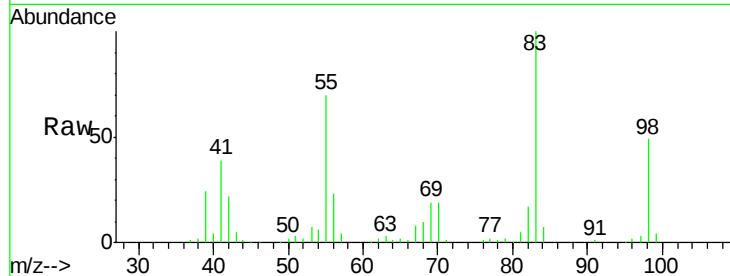




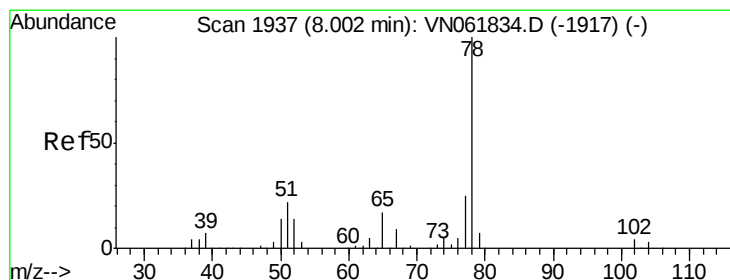
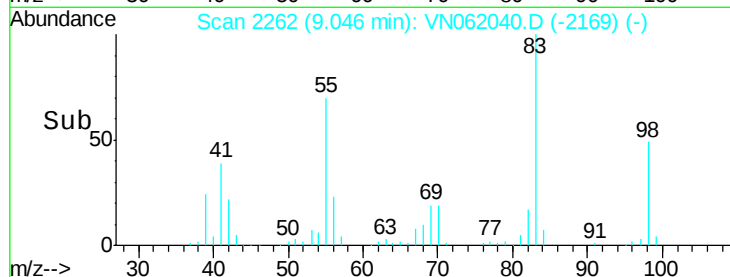
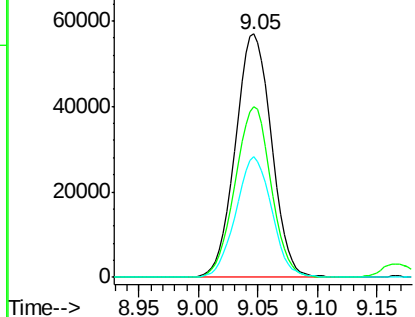
#39
Methylcyclohexane
Concen: 44.064 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 119914
Ion Ratio Lower Upper
83 100
55 70.3 54.2 81.4
98 49.4 39.8 59.6

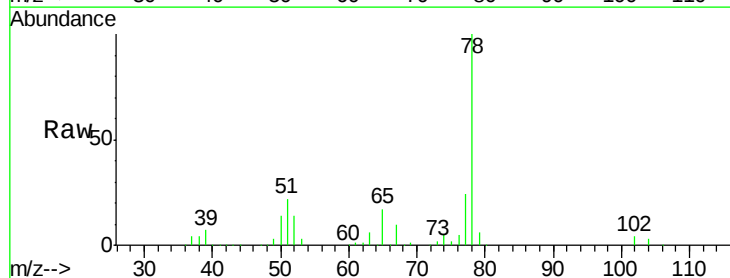


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

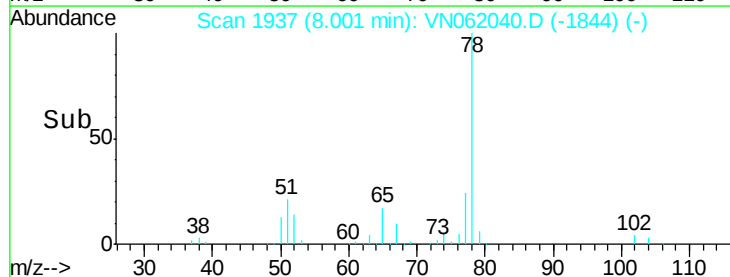
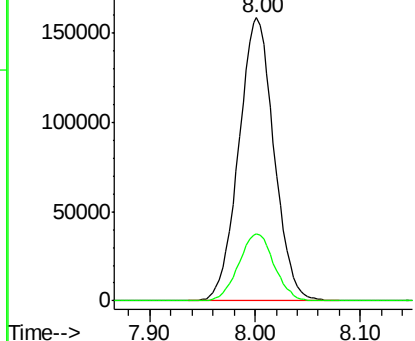


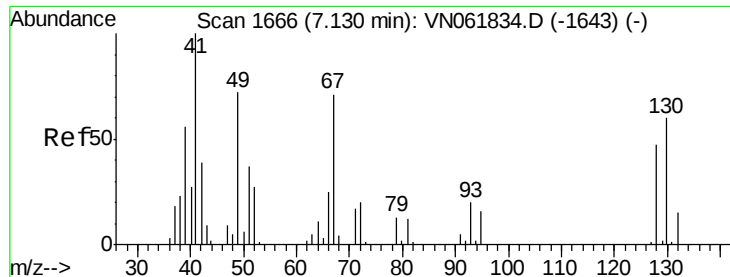
#40
Benzene
Concen: 48.033 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 78 Resp: 367729
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5



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





#41

Methacrylonitrile

Concen: 51.017 ug/l

RT: 7.12 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 43055

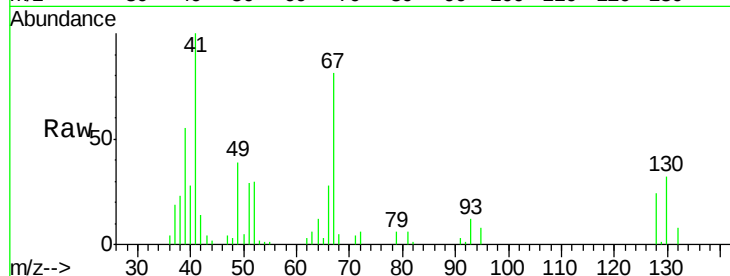
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 113.4 0.0 0.0#

52 45.6 0.0 0.0#

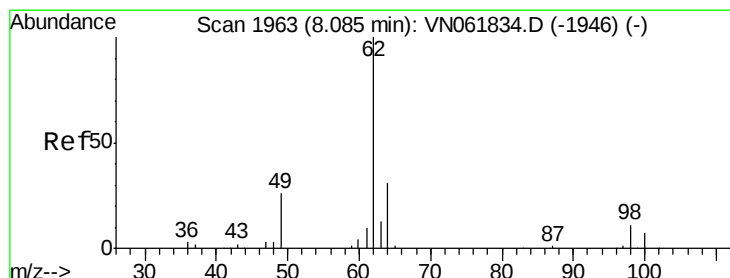
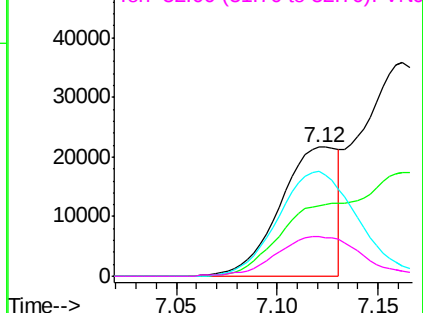
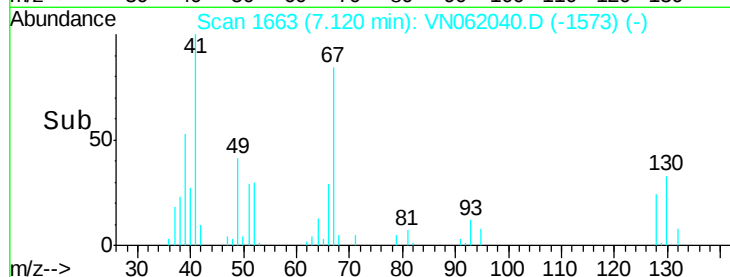


Abundance Ion 41.00 (40.70 to 41.70): VN062040.D (-1573) (-)

Ion 39.00 (38.70 to 39.70): VN062040.D (-1573) (-)

Ion 67.00 (66.70 to 67.70): VN062040.D (-1573) (-)

Ion 52.00 (51.70 to 52.70): VN062040.D (-1573) (-)



#42

1,2-Dichloroethane

Concen: 49.276 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN062040.D

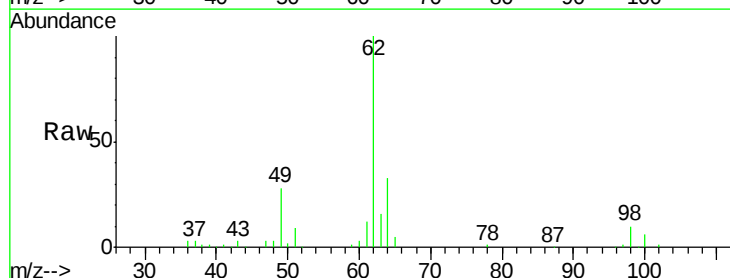
Acq: 23 Jun 2020 8:47

Tgt Ion: 62 Resp: 128632

Ion Ratio Lower Upper

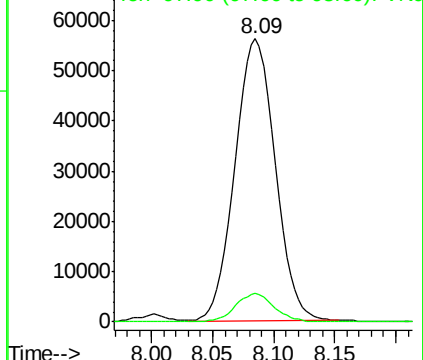
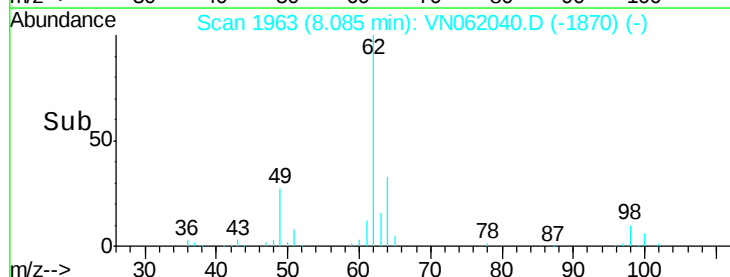
62 100

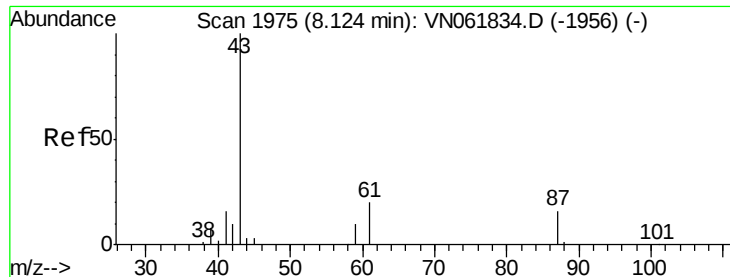
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN062040.D (-1870) (-)

Ion 97.90 (97.60 to 98.60): VN062040.D (-1870) (-)

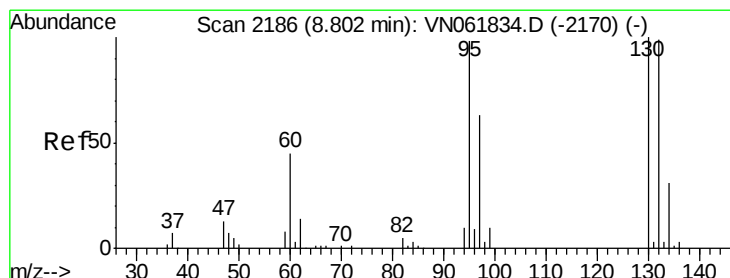
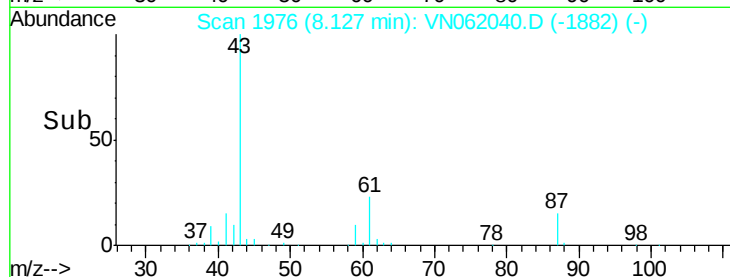
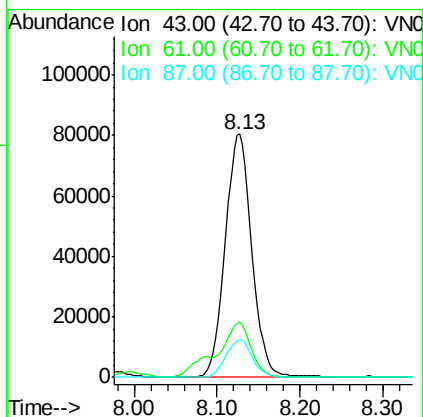
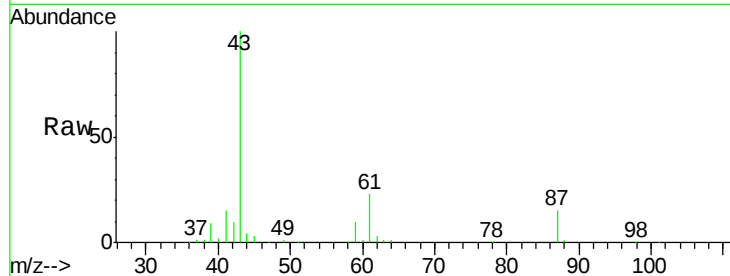




#43
Isopropyl Acetate
Concen: 53.881 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

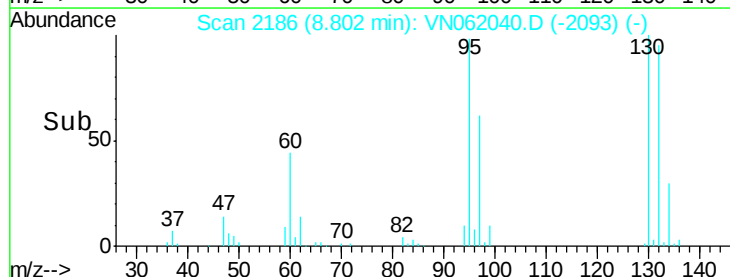
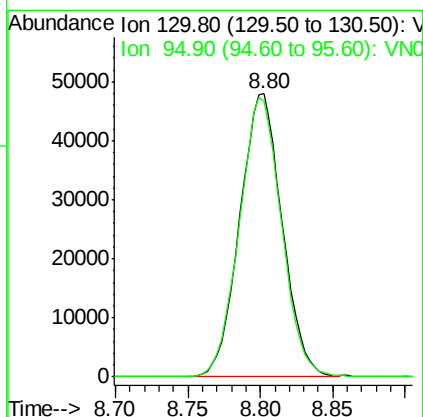
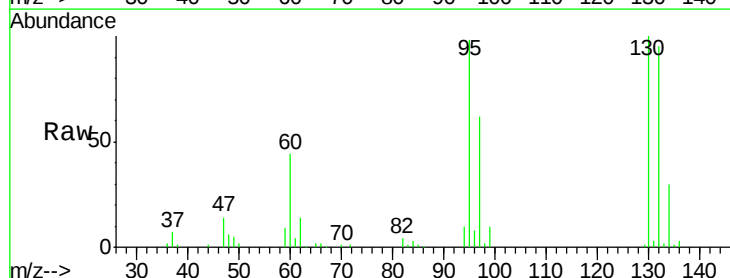
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

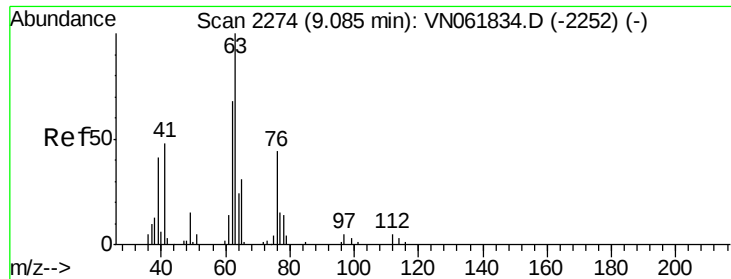
Tgt Ion: 43 Resp: 179205
Ion Ratio Lower Upper
43 100
61 22.2 24.0 36.0#
87 15.3 12.5 18.7



#44
Trichloroethene
Concen: 48.332 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 130 Resp: 97381
Ion Ratio Lower Upper
130 100
95 97.5 0.0 195.6

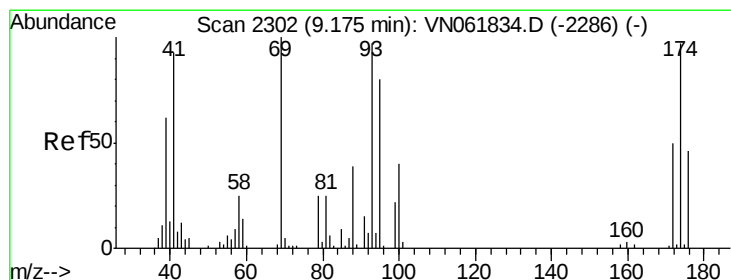
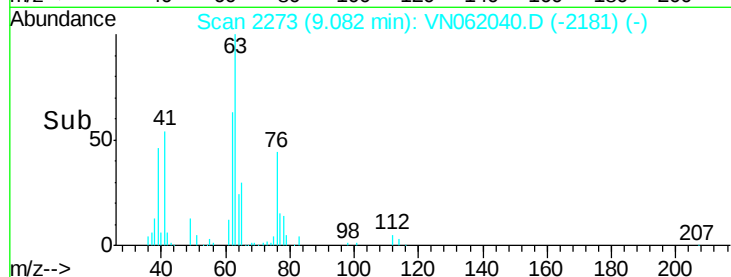
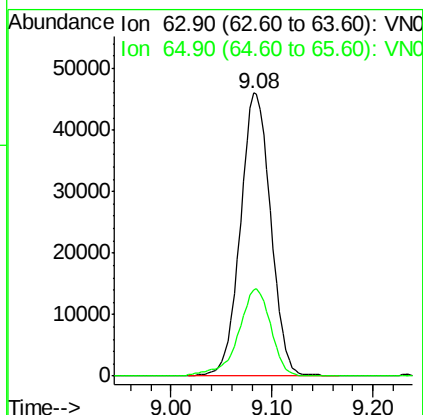
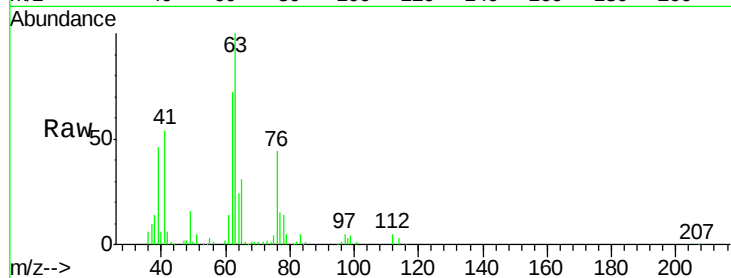




#45
 1,2-Dichloropropane
 Concen: 50.921 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

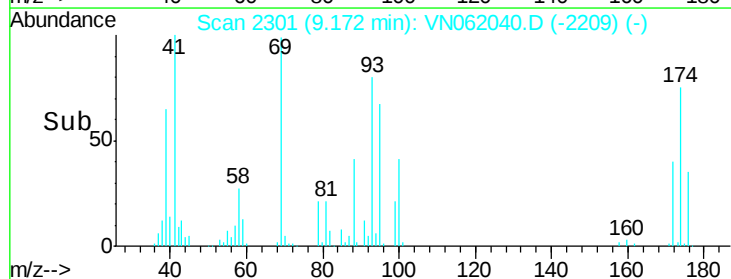
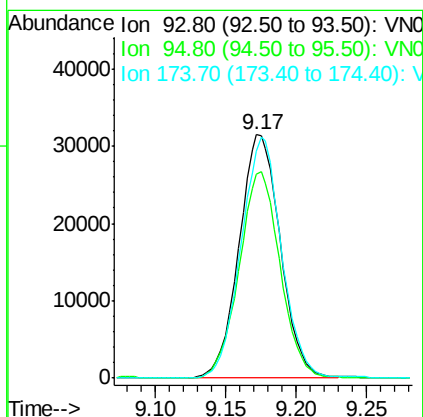
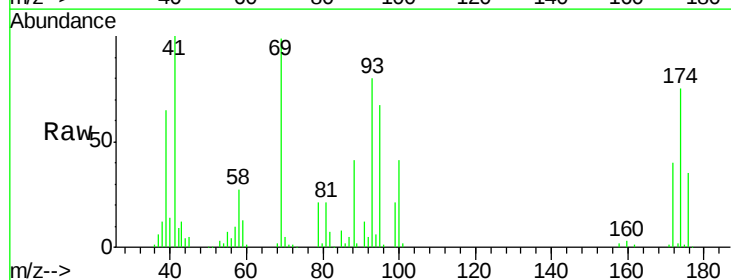
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 95804
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.1 37.7



#46
 Dibromomethane
 Concen: 48.663 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 93 Resp: 64473
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.8 98.6
 174 96.7 78.5 117.7

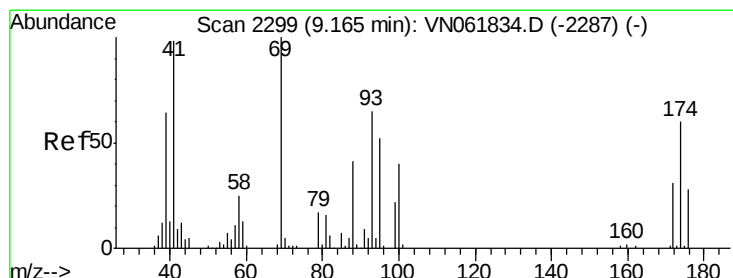
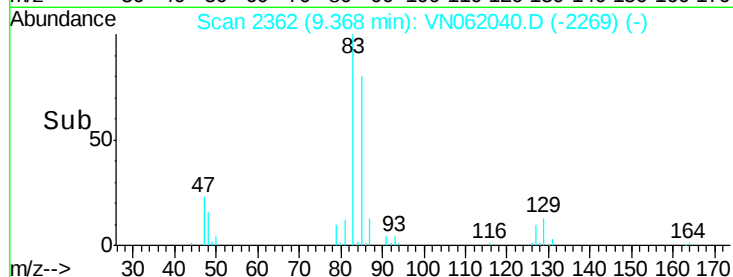
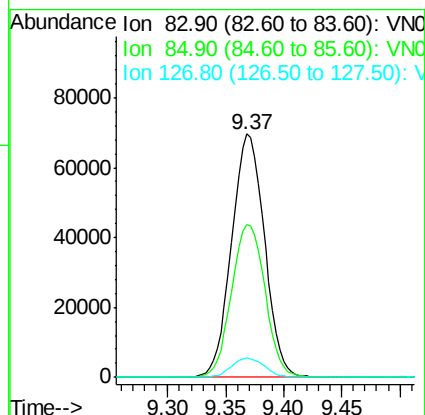
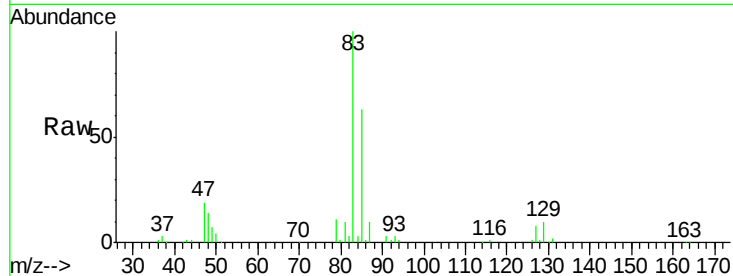




#47
 Bromodichloromethane
 Concen: 50.553 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

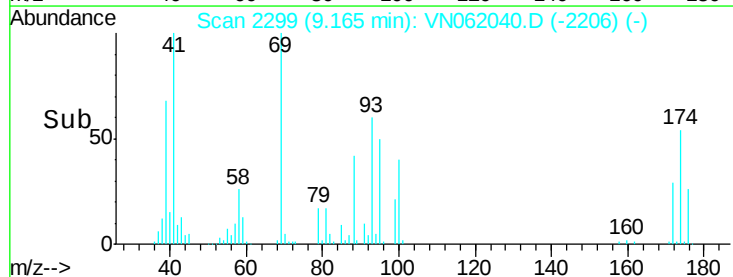
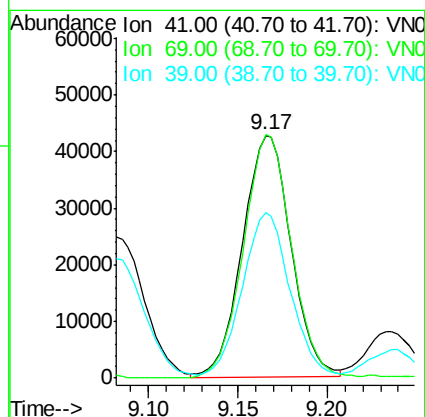
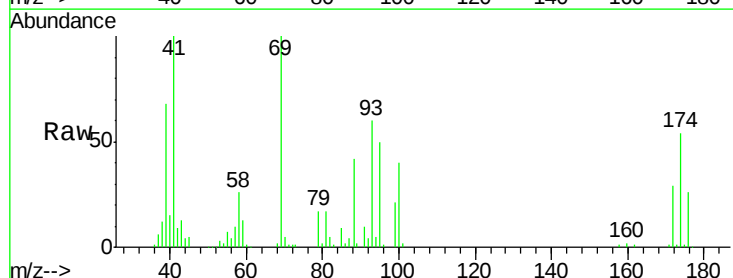
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

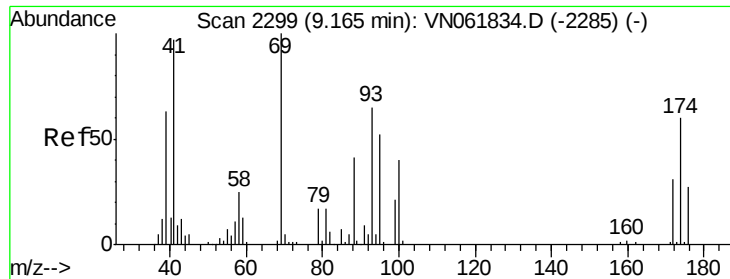
Tgt Ion: 83 Resp: 137145
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.8 76.2
 127 7.9 7.0 10.4



#48
 Methyl methacrylate
 Concen: 53.714 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 41 Resp: 81244
 Ion Ratio Lower Upper
 41 100
 69 99.7 83.0 124.4
 39 67.2 55.1 82.7





#49

1,4-Dioxane

Concen: 1070.243 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

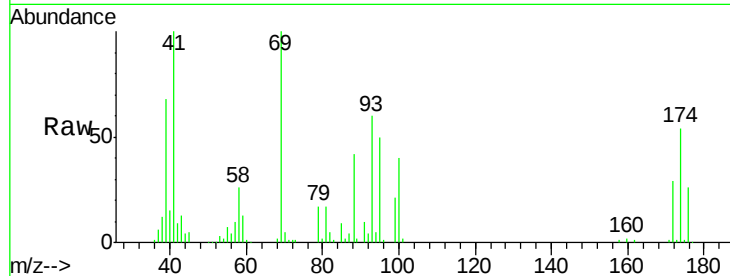
Tgt Ion: 88 Resp: 37165

Ion Ratio Lower Upper

88 100

43 28.1 23.4 35.2

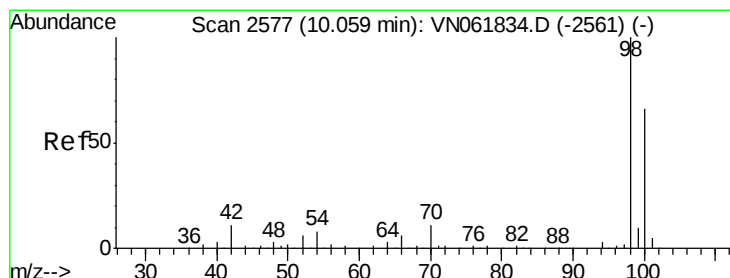
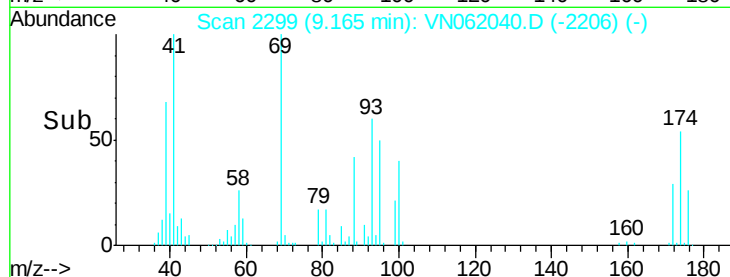
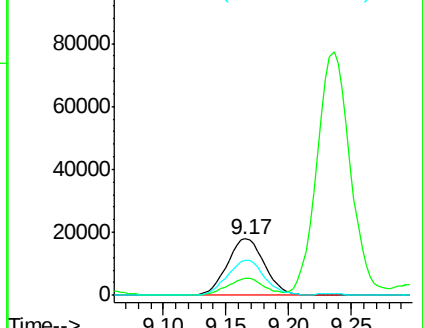
58 62.1 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)



#50

Toluene-d8

Concen: 50.105 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062040.D

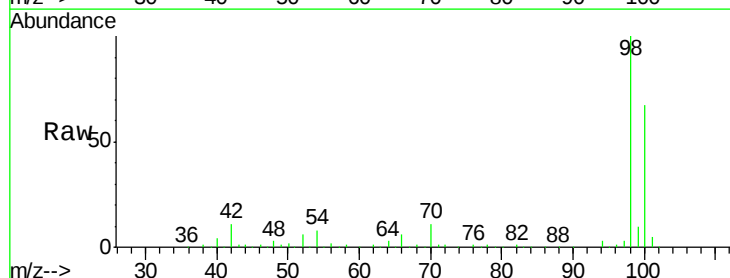
Acq: 23 Jun 2020 8:47

Tgt Ion: 98 Resp: 349181

Ion Ratio Lower Upper

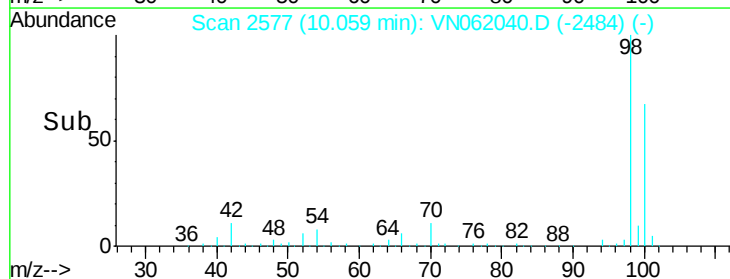
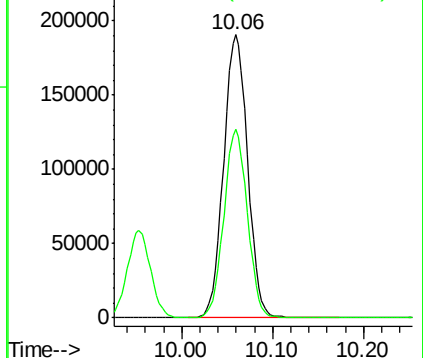
98 100

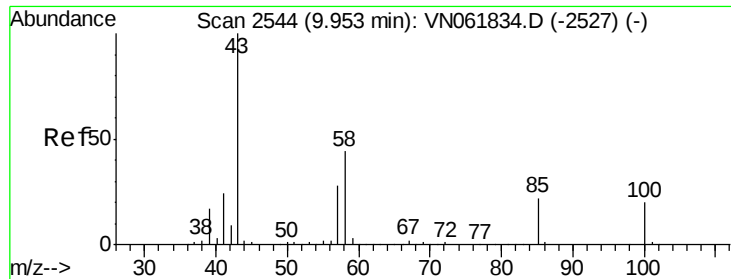
100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

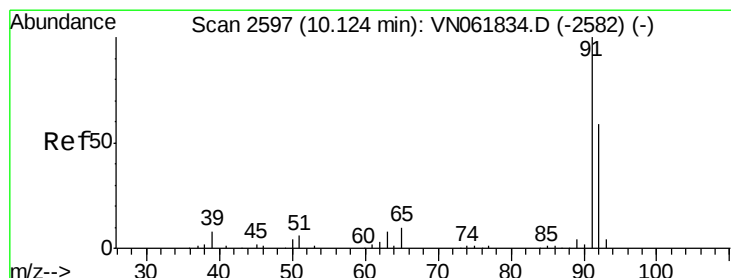
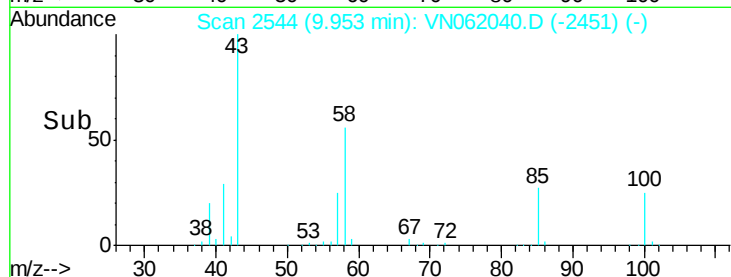
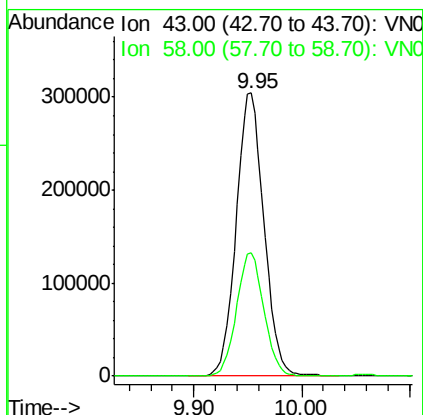
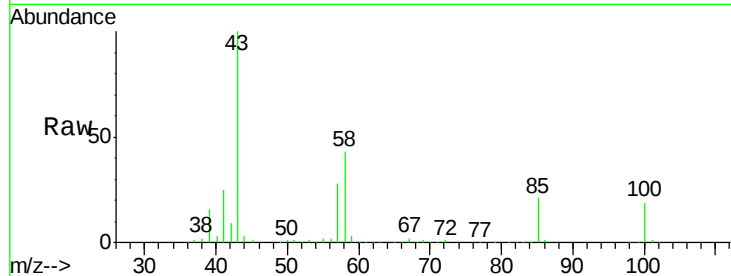




#51
4-Methyl-2-Pentanone
Concen: 278.307 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

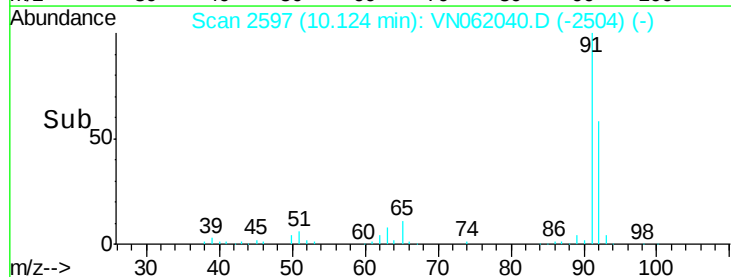
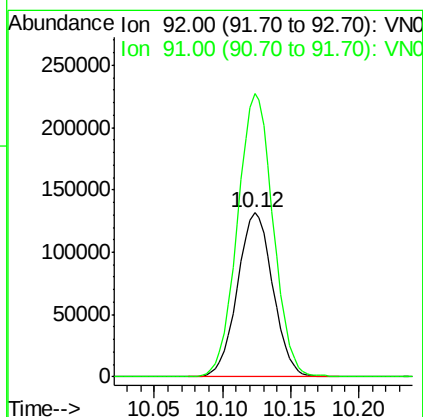
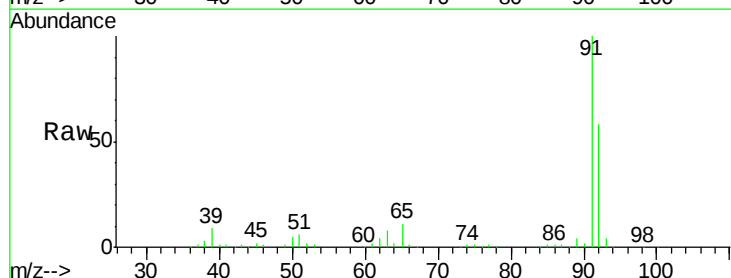
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

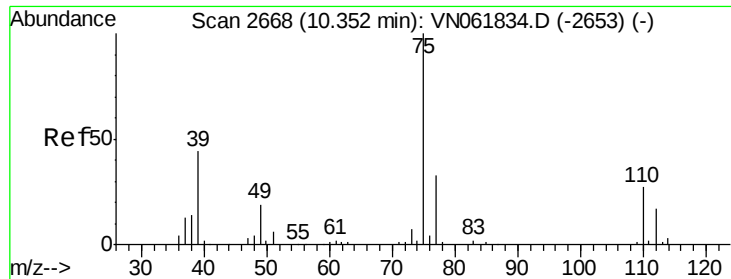
Tgt Ion: 43 Resp: 546992
Ion Ratio Lower Upper
43 100
58 42.9 34.6 52.0



#52
Toluene
Concen: 49.510 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 92 Resp: 238047
Ion Ratio Lower Upper
92 100
91 172.9 137.1 205.7

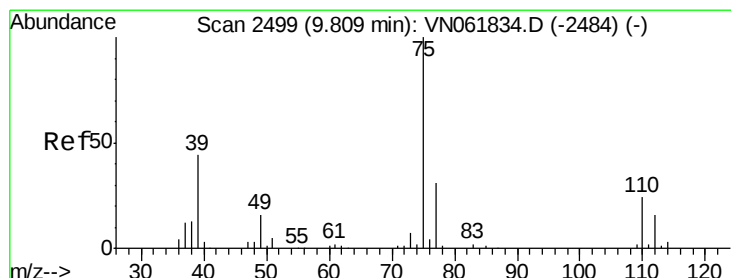
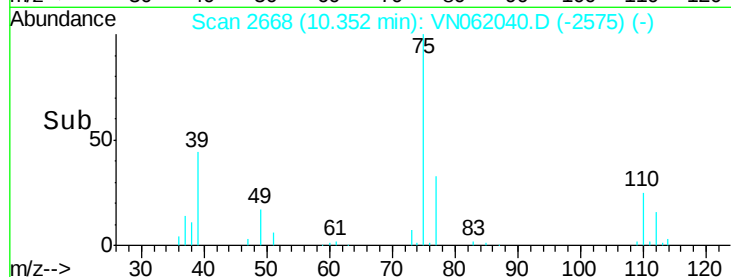
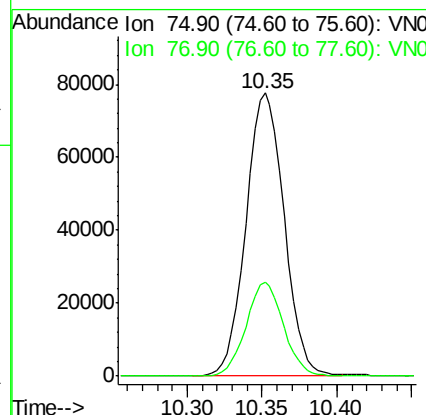
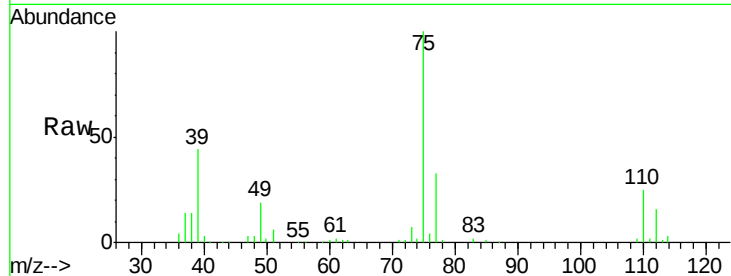




#53
 t-1,3-Dichloropropene
 Concen: 47.955 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

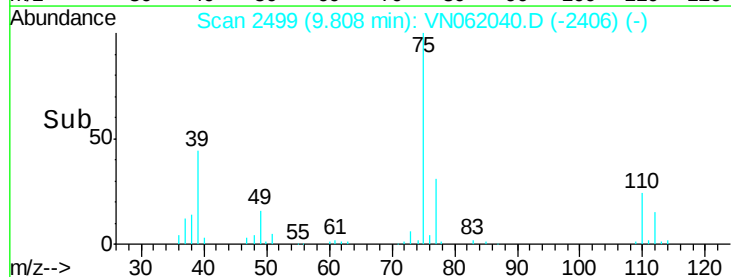
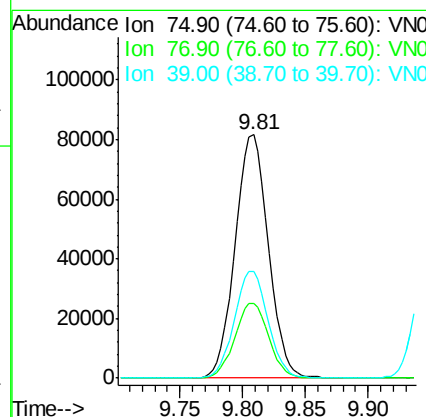
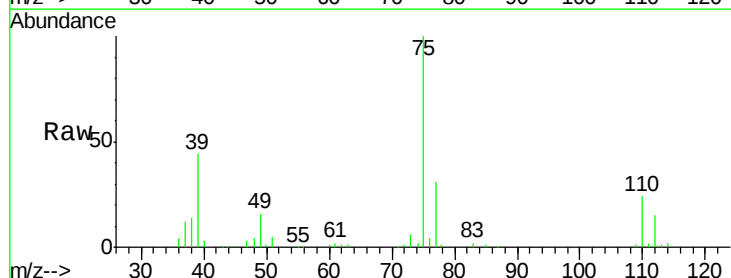
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

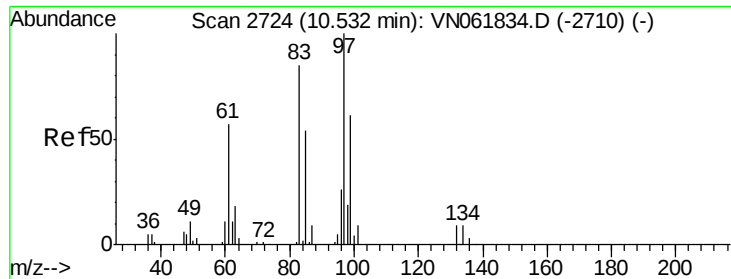
Tgt Ion: 75 Resp: 138109
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.070 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 75 Resp: 150365
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 43.9 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 53.400 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 101018

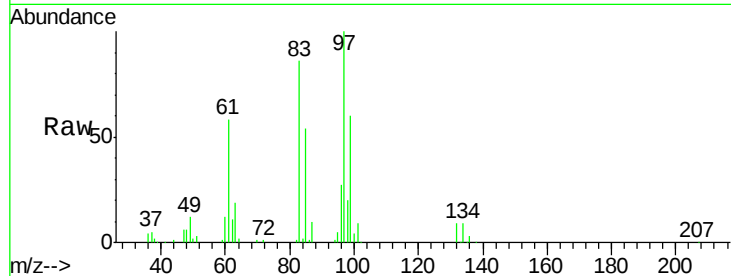
Ion Ratio Lower Upper

97 100

83 85.9 67.7 101.5

85 53.8 43.4 65.0

99 59.7 48.8 73.2

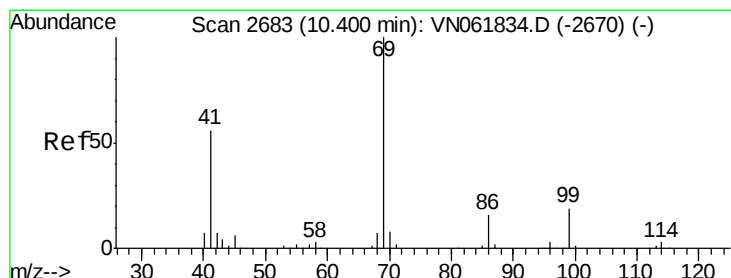
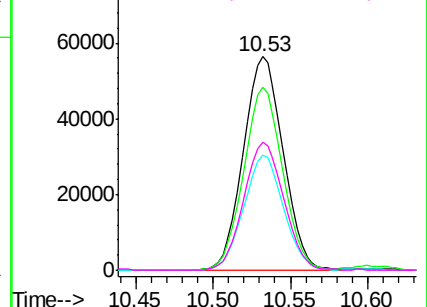
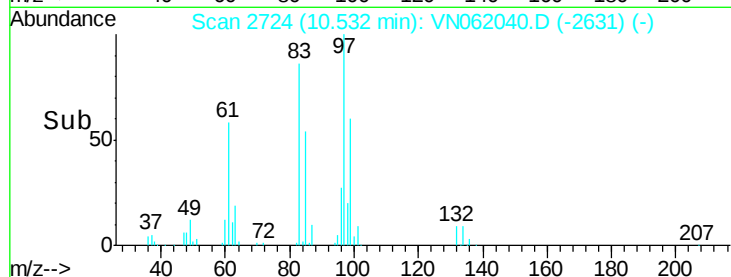


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.907 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

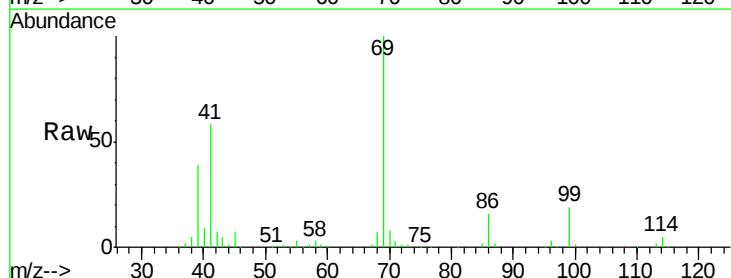
Tgt Ion: 69 Resp: 138058

Ion Ratio Lower Upper

69 100

41 58.2 44.9 67.3

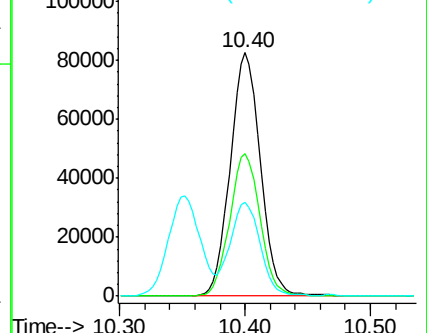
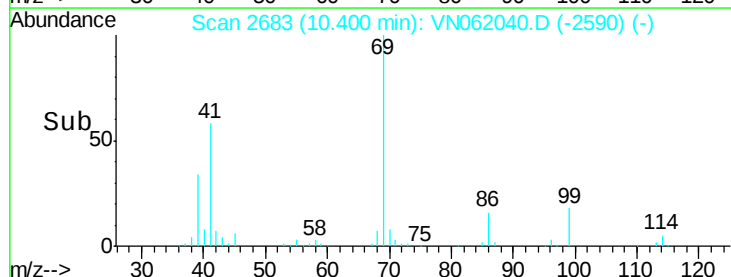
39 37.7 30.0 45.0

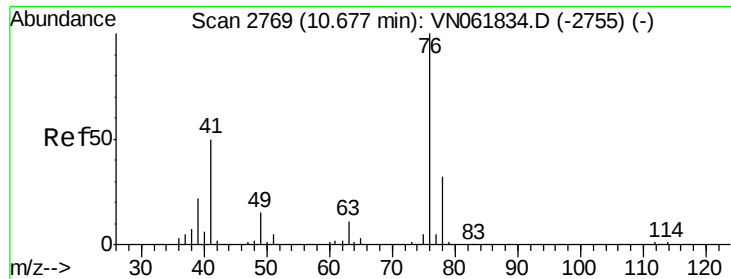


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.051 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

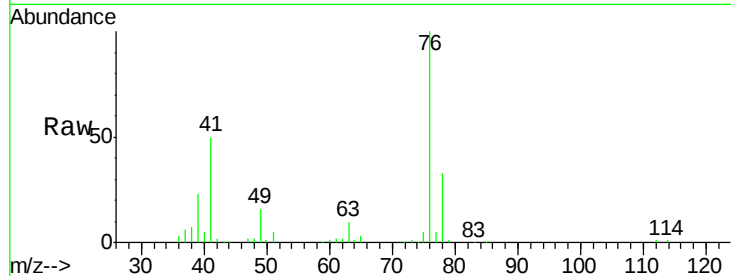
VSTDCCC050EC

Tgt Ion: 76 Resp: 166816

Ion Ratio Lower Upper

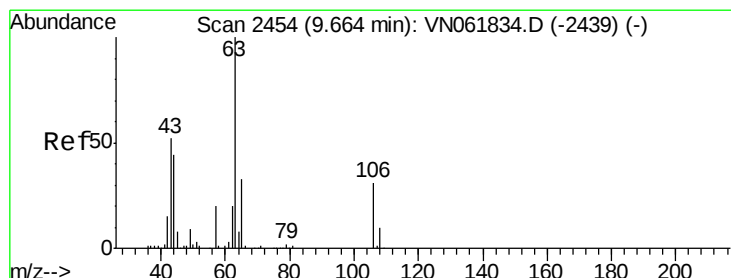
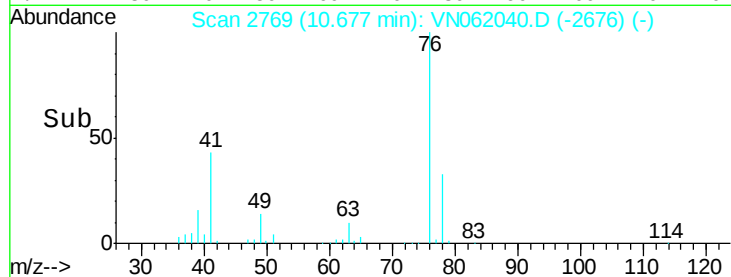
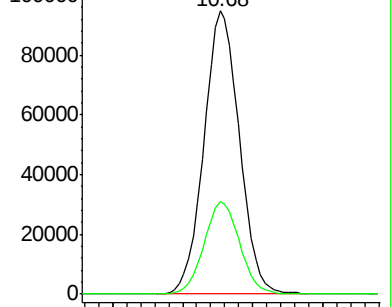
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN062040.D (-2676) (-)

Ion 77.90 (77.60 to 78.60): VN062040.D (-2676) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 286.226 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062040.D

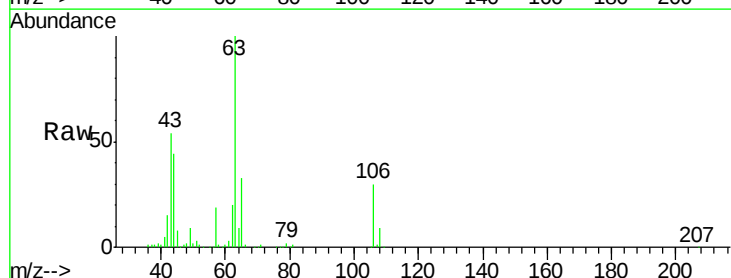
Acq: 23 Jun 2020 8:47

Tgt Ion: 63 Resp: 285766

Ion Ratio Lower Upper

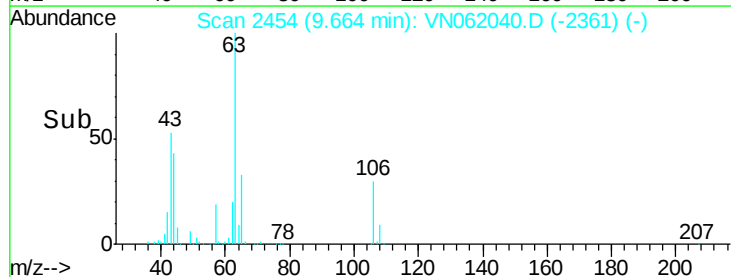
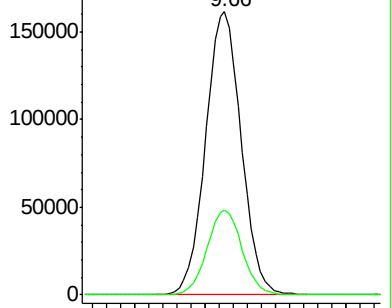
63 100

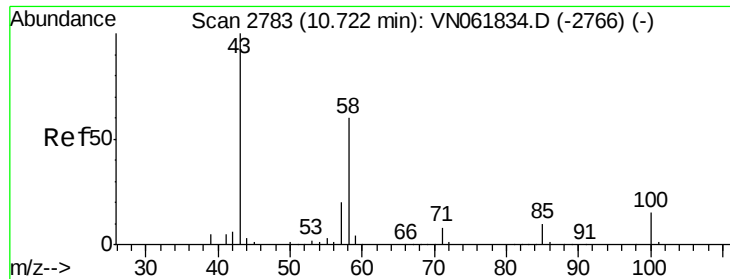
106 29.6 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN062040.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062040.D (-2361) (-)

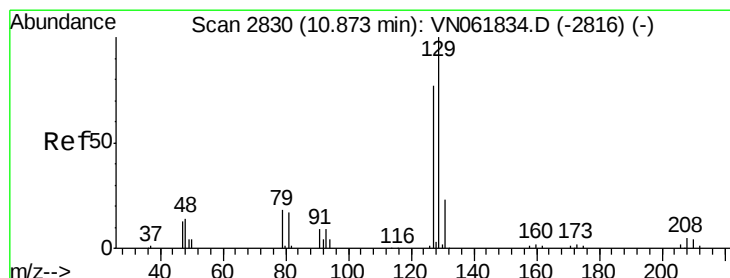
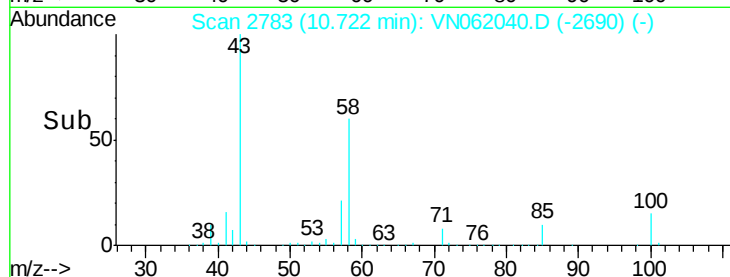
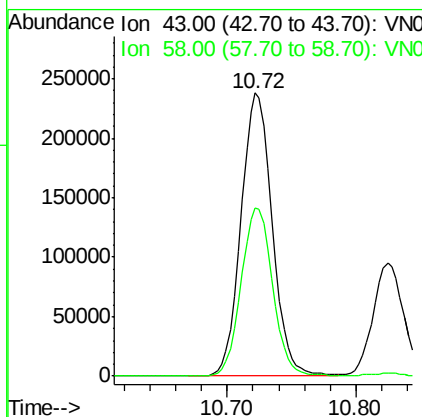
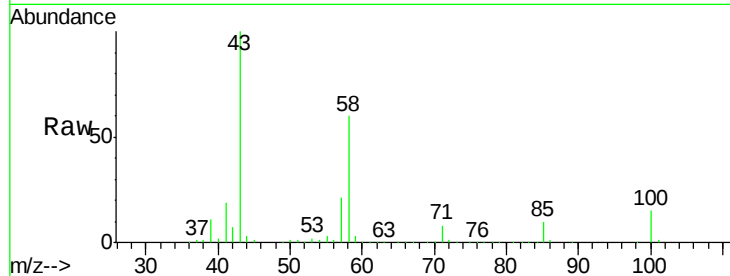




#59
2-Hexanone
Concen: 254.608 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

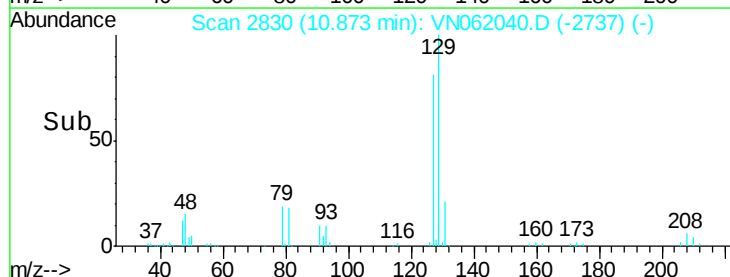
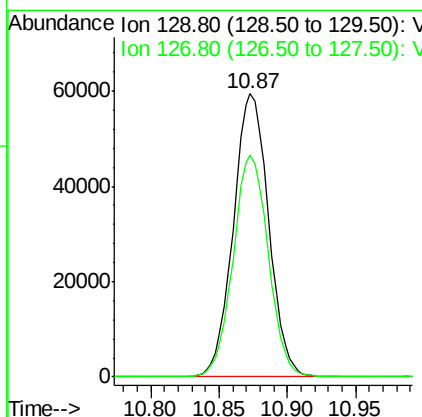
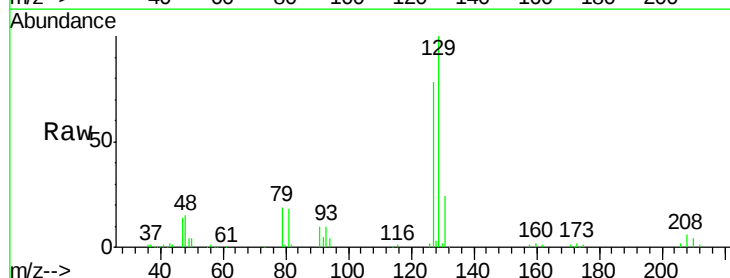
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

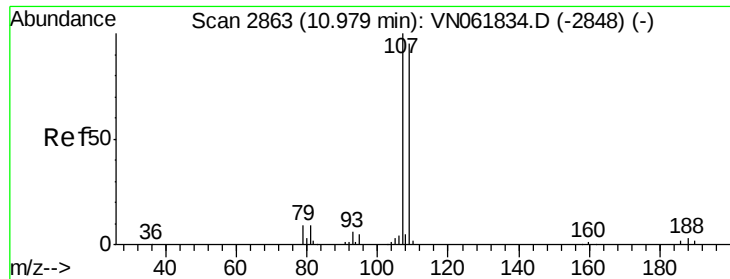
Tgt Ion: 43 Resp: 400196
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.5



#60
Dibromochloromethane
Concen: 50.650 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 129 Resp: 106916
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

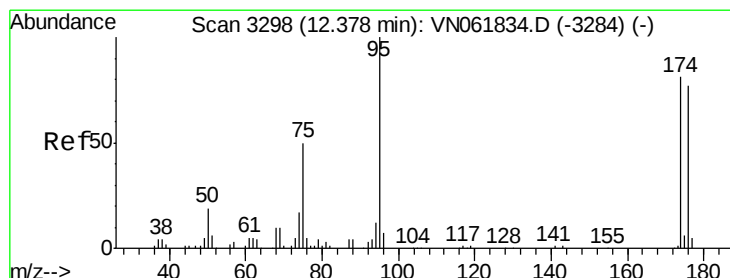
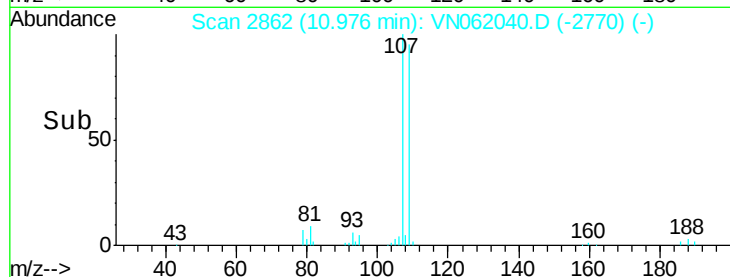
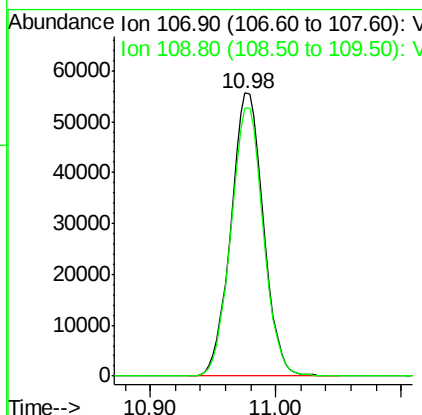
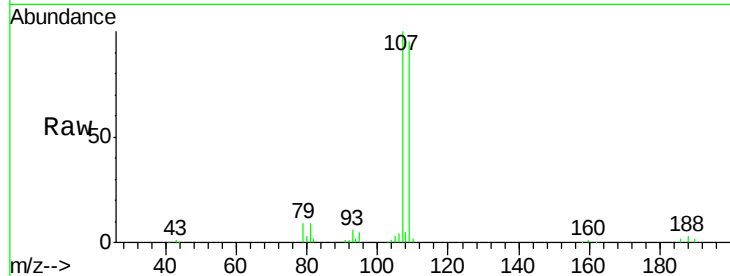




#61
 1,2-Dibromoethane
 Concen: 50.492 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

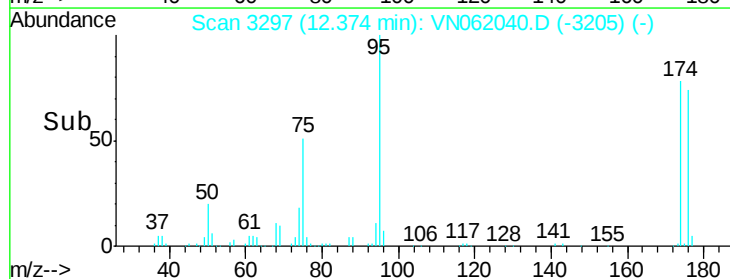
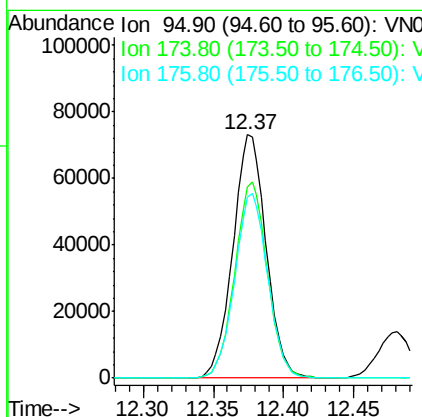
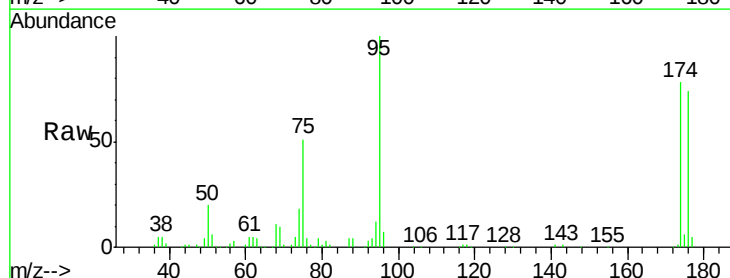
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 99739
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.420 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 95 Resp: 120528
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 158.6
 176 75.6 0.0 152.0

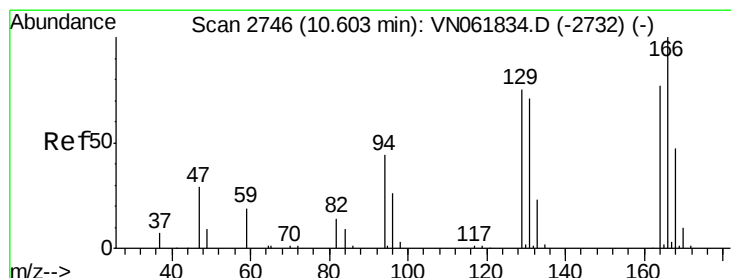
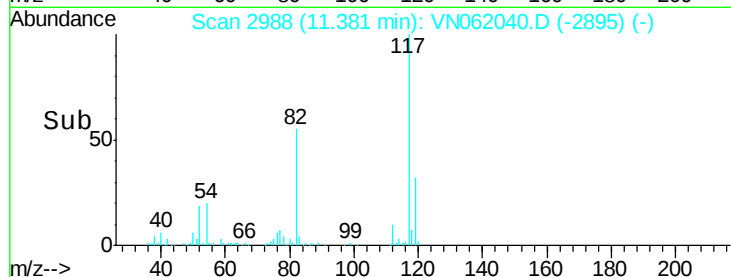
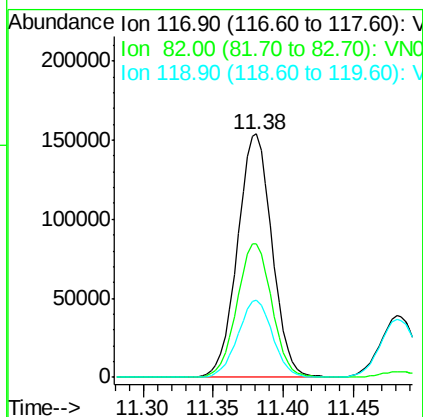
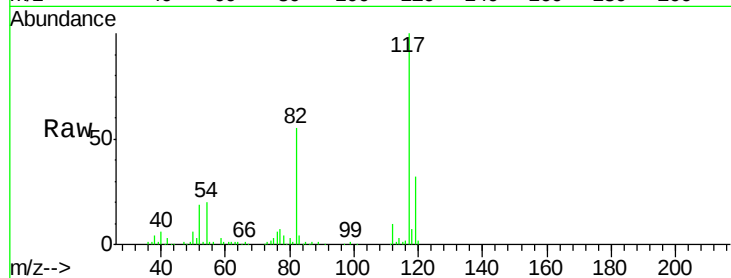




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

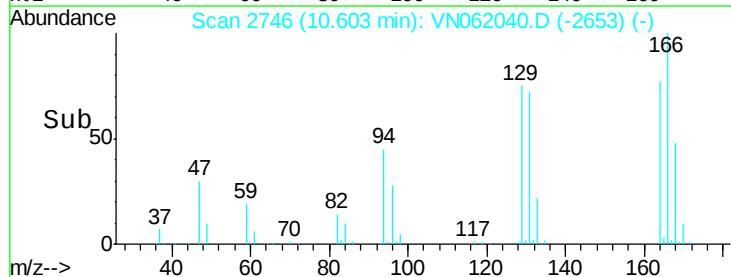
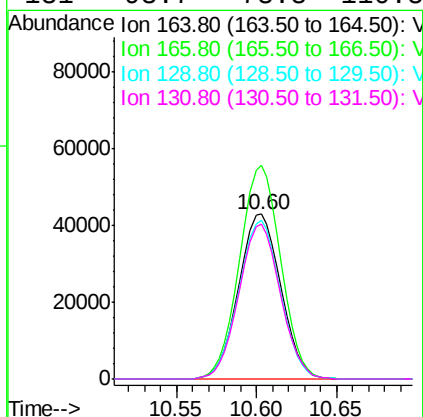
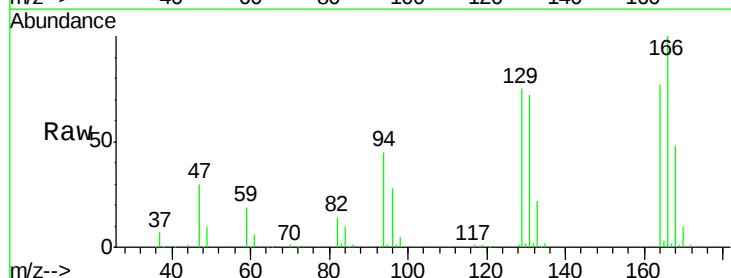
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

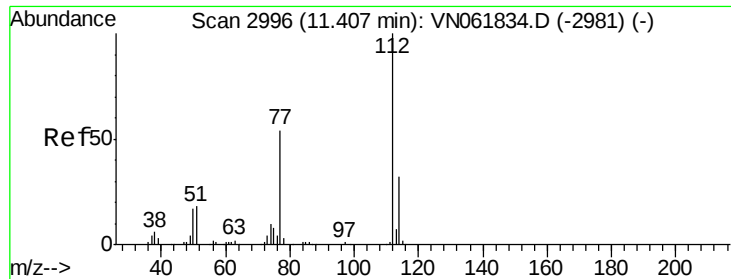
Tgt Ion:117 Resp: 263986
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 31.8 24.7 37.1



#64
Tetrachloroethene
Concen: 45.771 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion:164 Resp: 77013
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 96.4 77.5 116.3
131 93.7 73.8 110.8

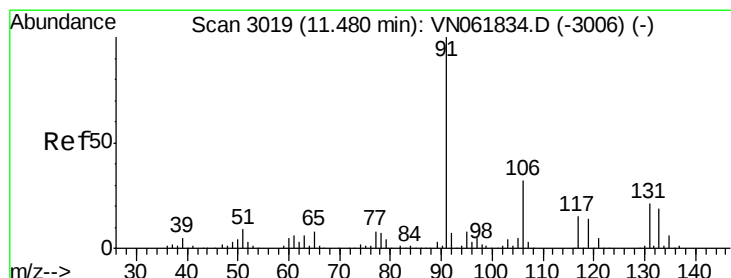
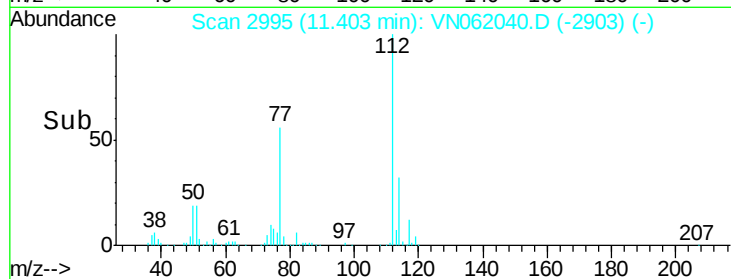
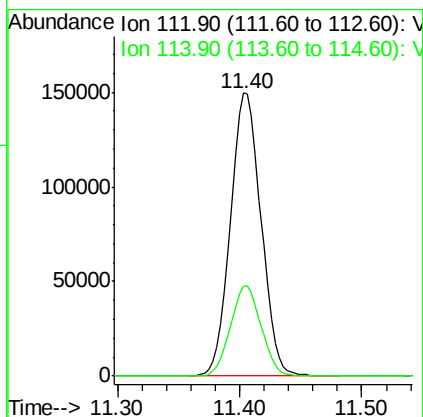
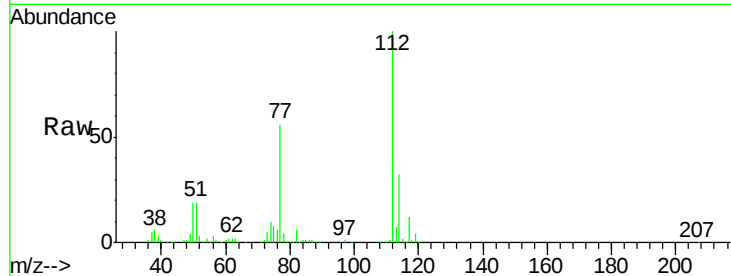




#65
Chlorobenzene
Concen: 46.911 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

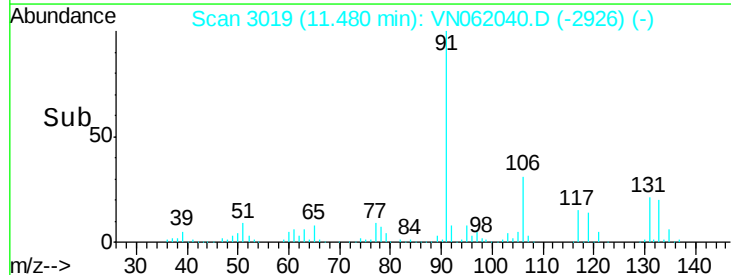
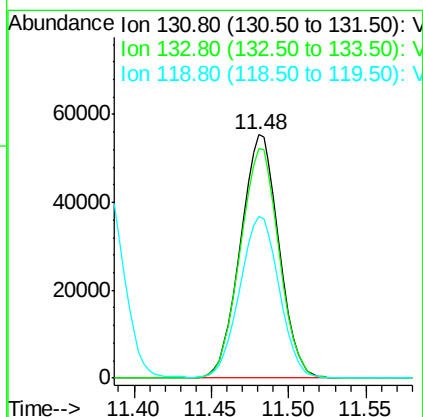
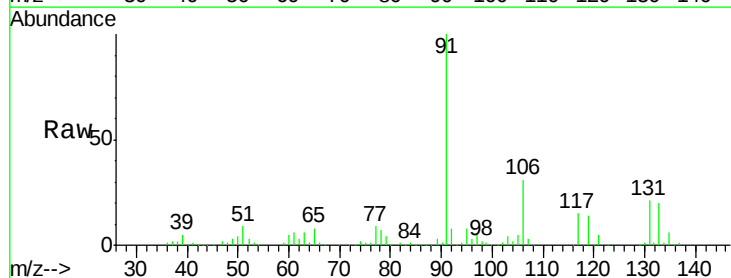
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 261311
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.441 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion:131 Resp: 96051
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 67.9 34.0 101.8

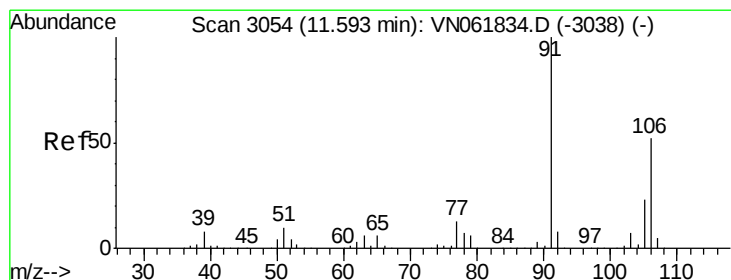
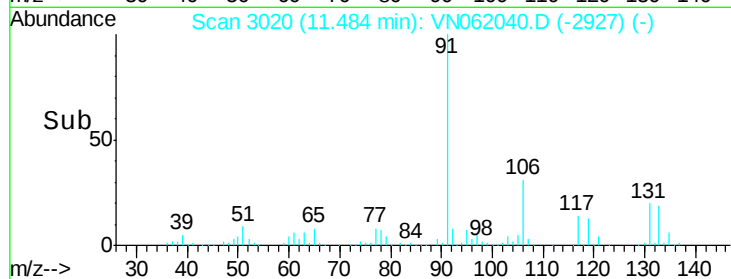
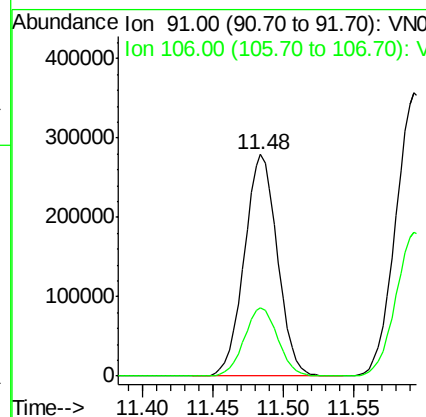
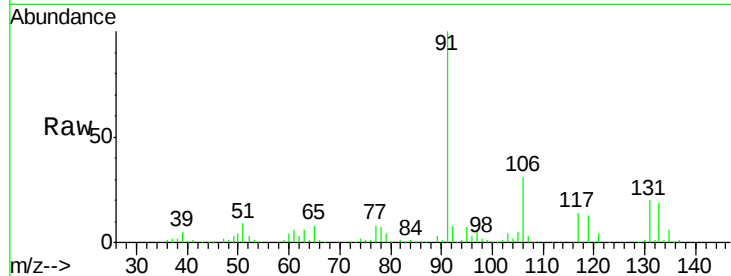




#67
Ethyl Benzene
Concen: 49.268 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

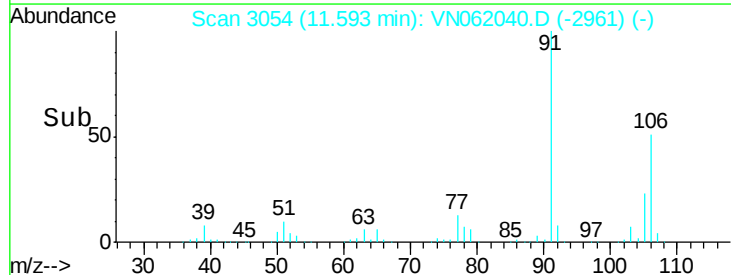
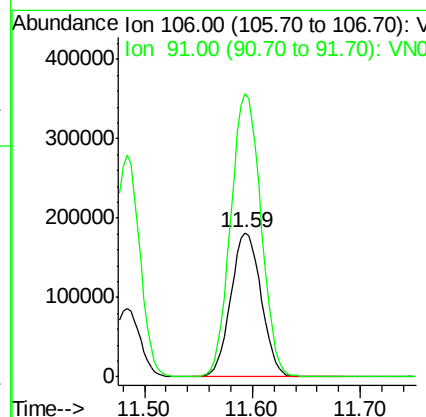
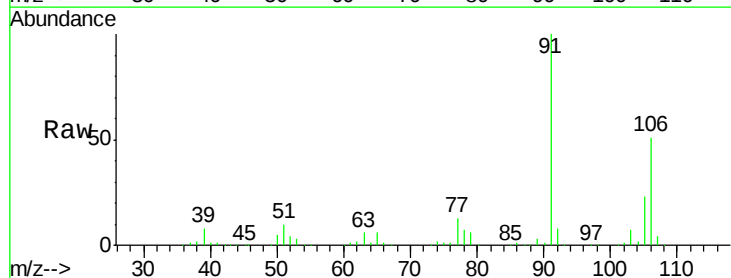
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

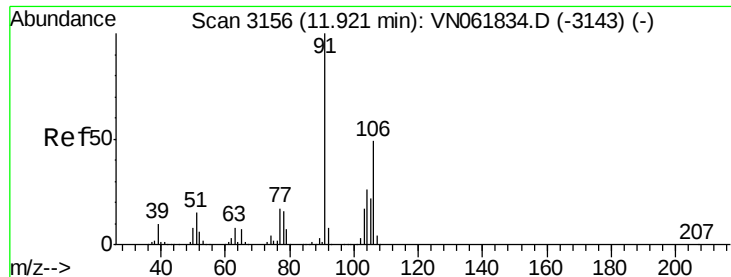
Tgt Ion: 91 Resp: 460133
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 98.519 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 106 Resp: 354795
Ion Ratio Lower Upper
106 100
91 196.4 157.0 235.6

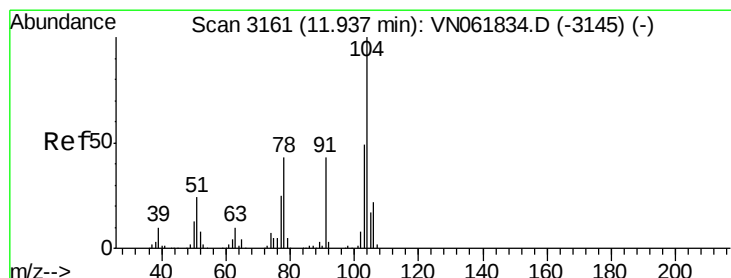
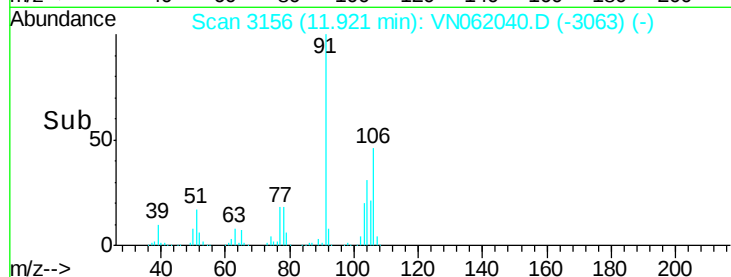
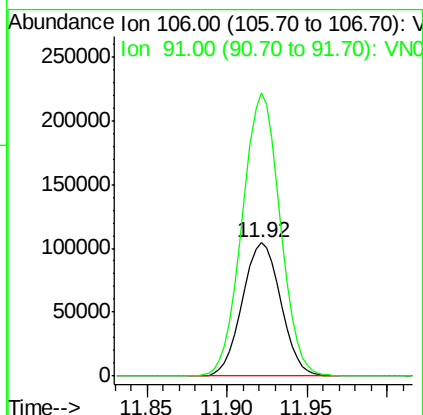
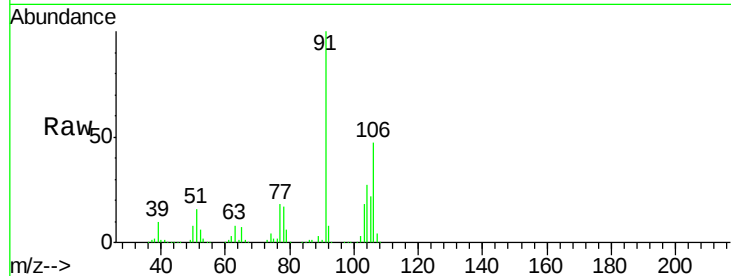




#69
o-Xylene
Concen: 49.925 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

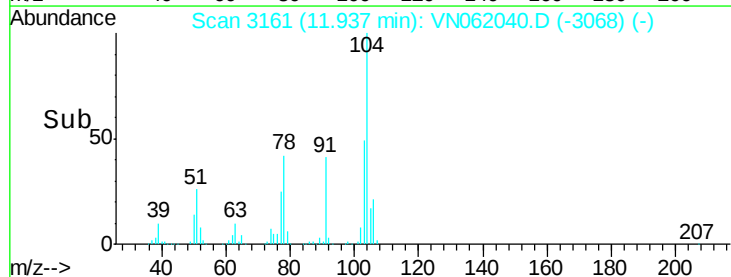
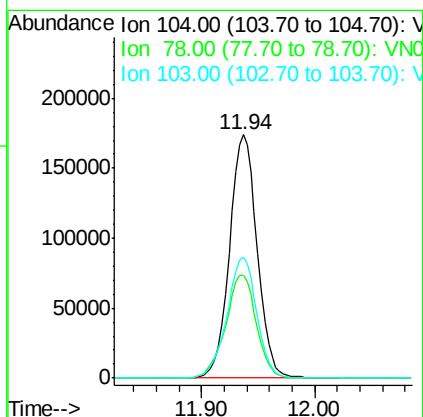
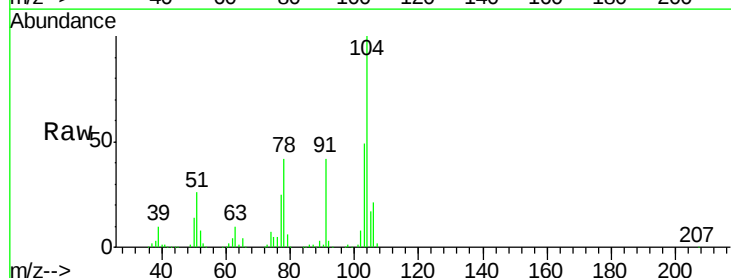
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

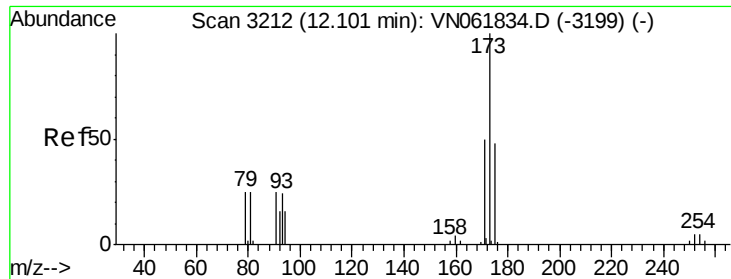
Tgt Ion:106 Resp: 171549
Ion Ratio Lower Upper
106 100
91 209.1 103.0 308.9



#70
Styrene
Concen: 51.261 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion:104 Resp: 294930
Ion Ratio Lower Upper
104 100
78 46.9 37.6 56.4
103 53.6 43.0 64.4

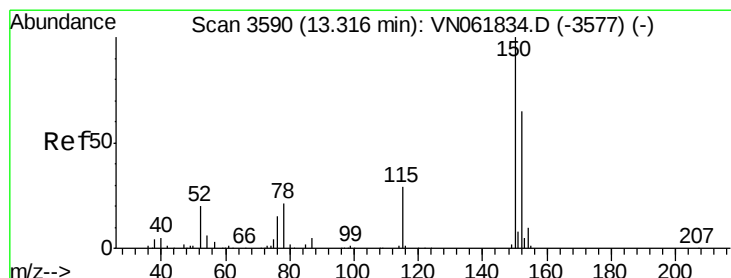
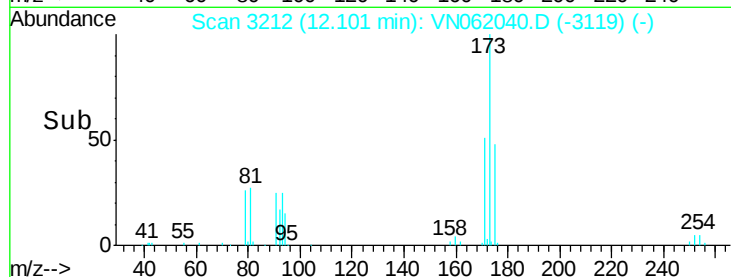
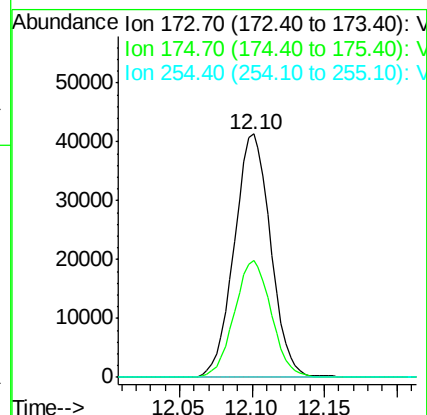
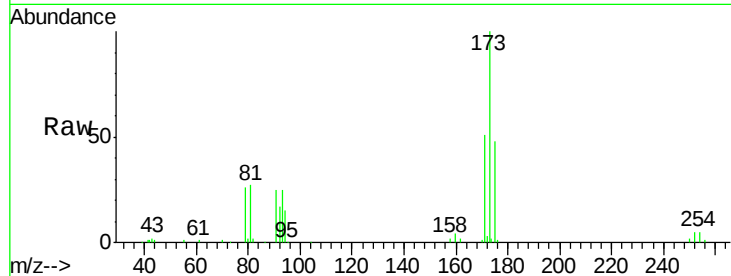




#71
Bromoform
Concen: 50.859 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

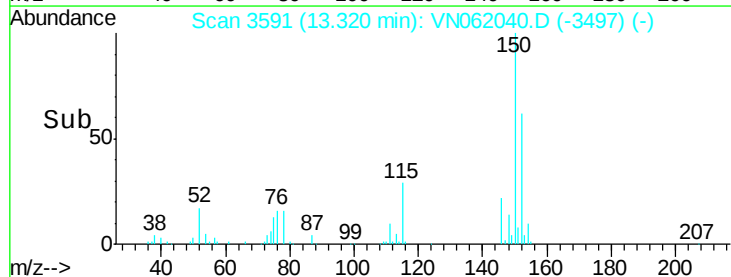
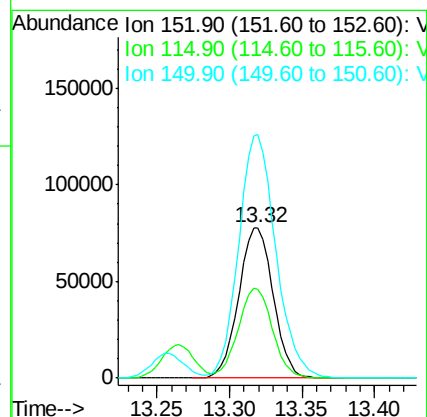
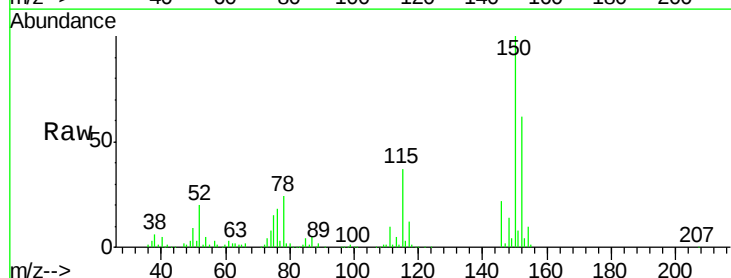
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

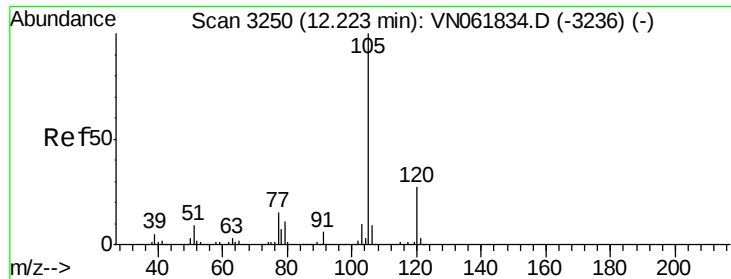
Tgt Ion:173 Resp: 72043
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion:152 Resp: 128567
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.3
150 174.5 0.0 347.6





#73

Isopropylbenzene

Concen: 49.414 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

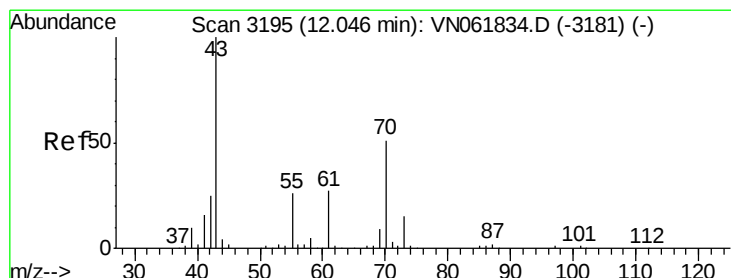
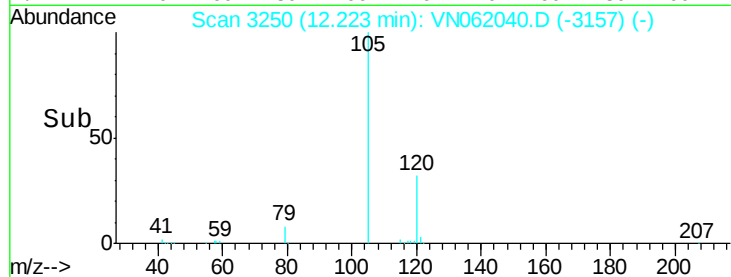
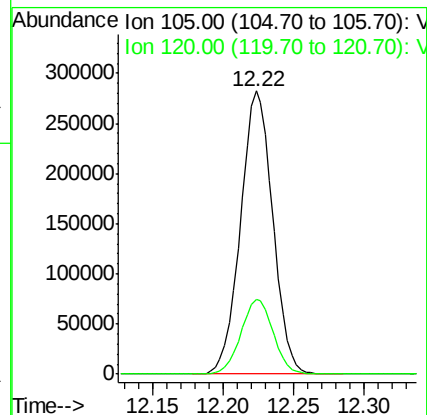
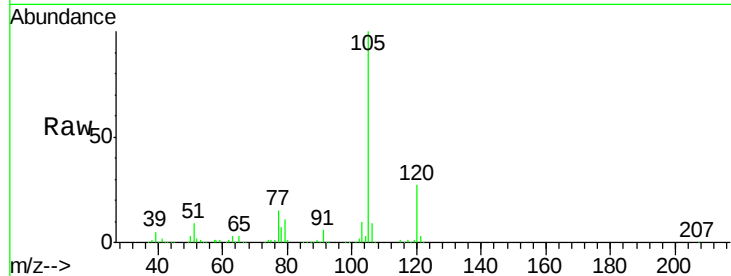
VSTDCCC050EC

Tgt Ion: 105 Resp: 451453

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 48.703 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Tgt Ion: 43 Resp: 160857

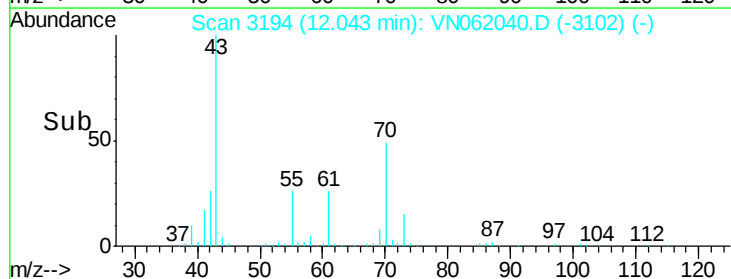
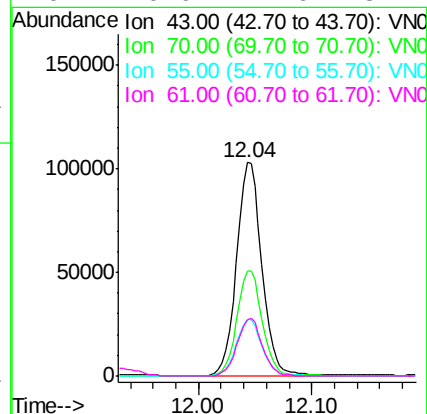
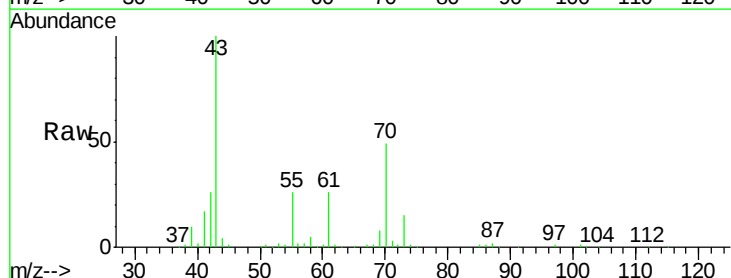
Ion Ratio Lower Upper

43 100

70 49.4 40.6 60.8

55 27.1 21.5 32.3

61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.590 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

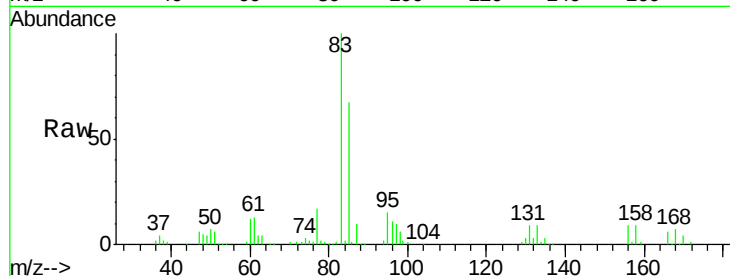
Tgt Ion: 83 Resp: 150272

Ion Ratio Lower Upper

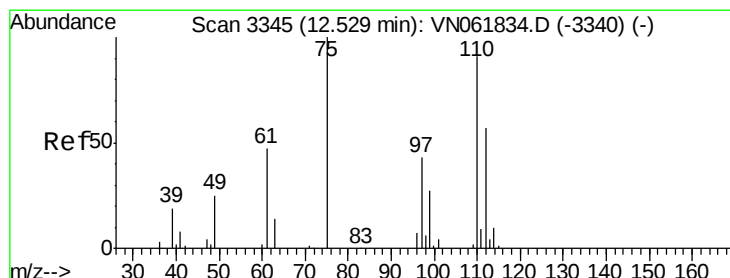
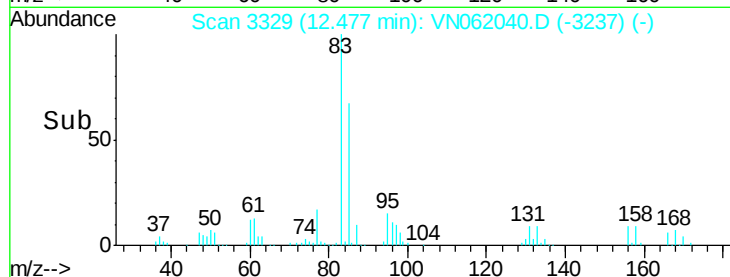
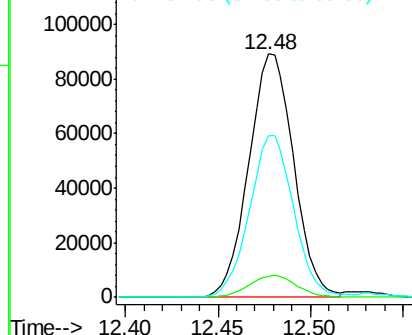
83 100

131 9.5 5.0 15.0

85 65.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 70.857 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062040.D

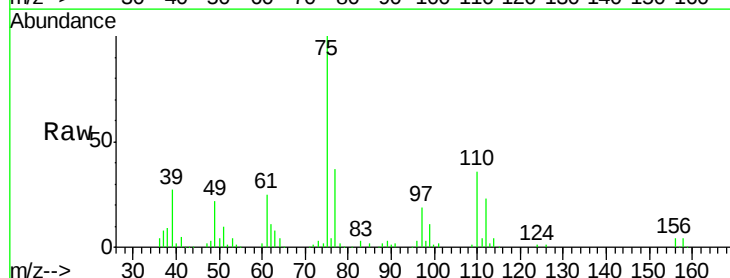
Acq: 23 Jun 2020 8:47

Tgt Ion: 75 Resp: 178849

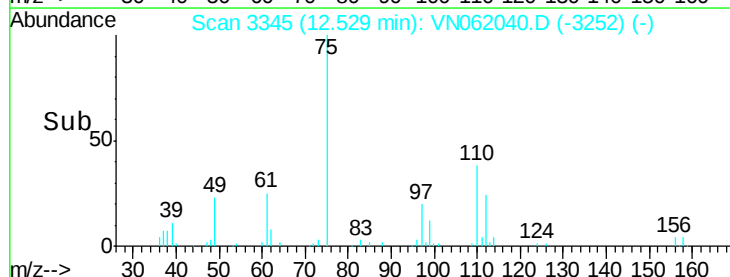
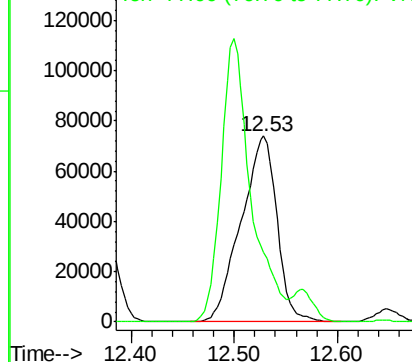
Ion Ratio Lower Upper

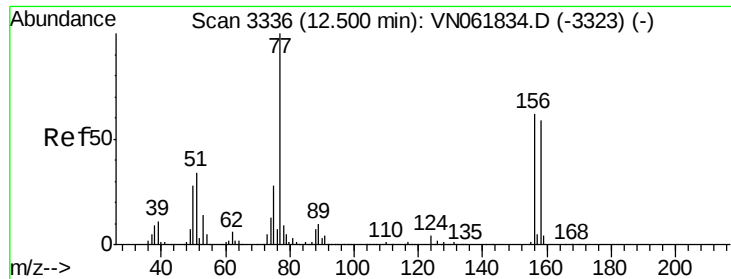
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

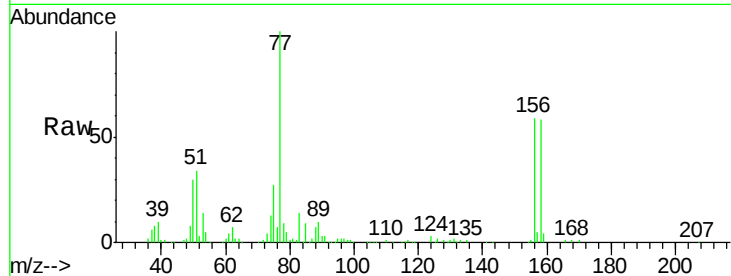




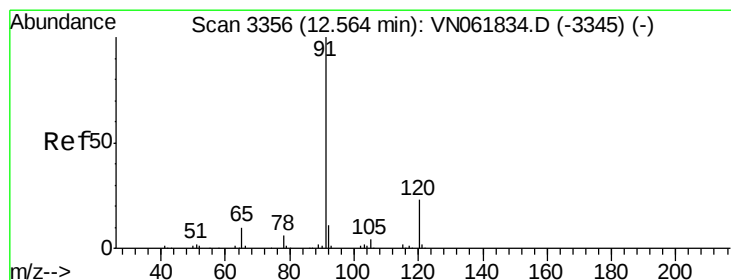
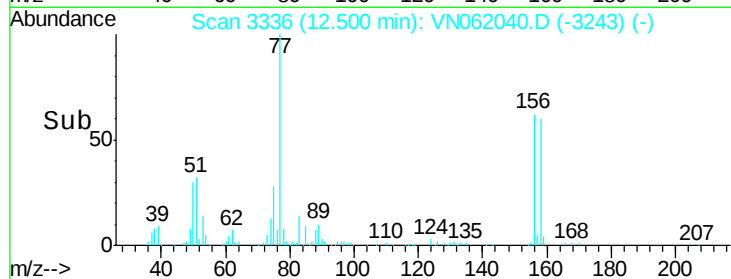
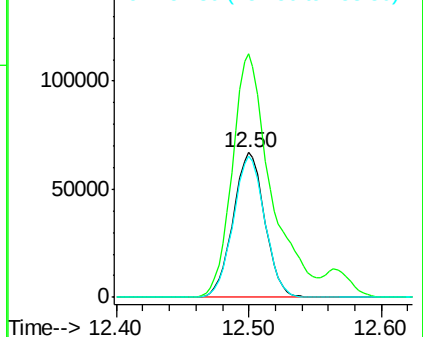
#77
Bromobenzene
Concen: 48.109 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 110888
Ion Ratio Lower Upper
156 100
77 205.7 100.7 302.1
158 97.5 48.5 145.5

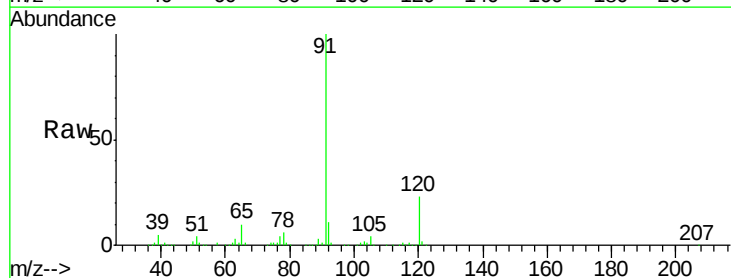


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

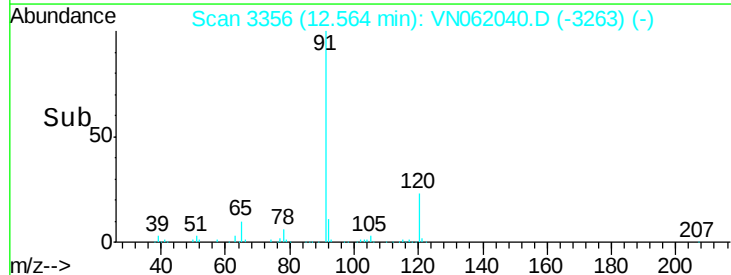
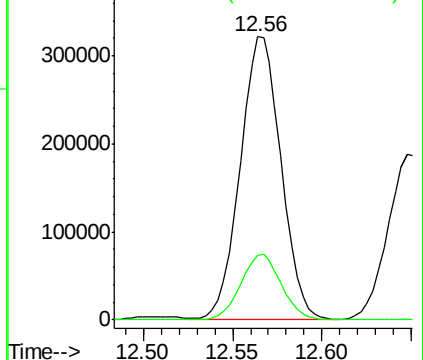


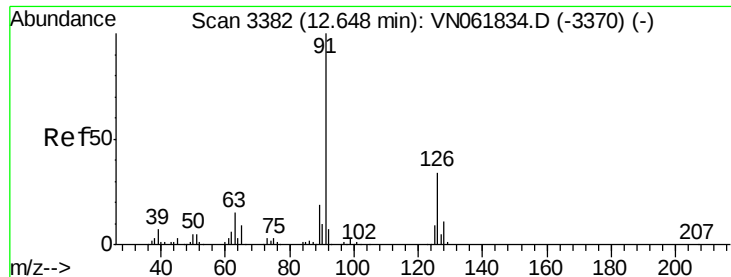
#78
n-propylbenzene
Concen: 49.048 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion: 91 Resp: 511307
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.174 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

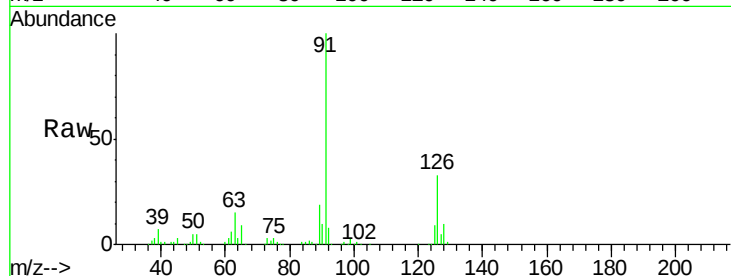
VSTDCCC050EC

Tgt Ion: 91 Resp: 307878

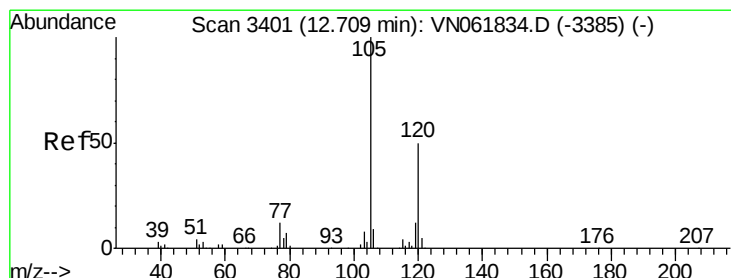
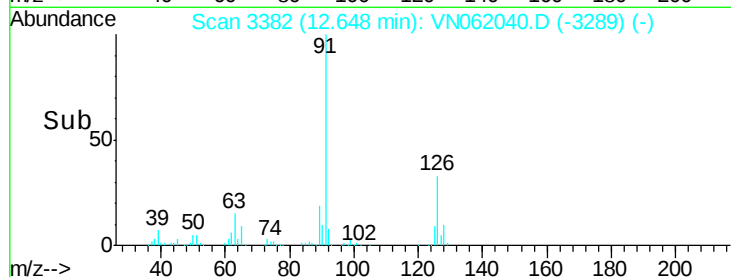
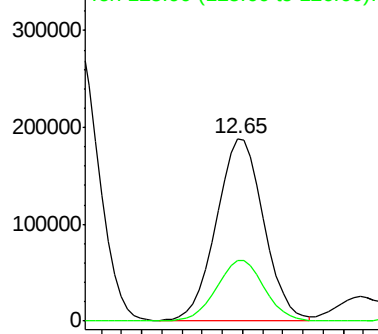
Ion Ratio Lower Upper

91 100

126 33.8 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.780 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062040.D

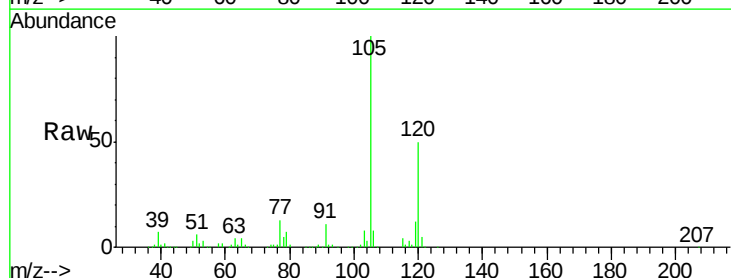
Acq: 23 Jun 2020 8:47

Tgt Ion: 105 Resp: 376264

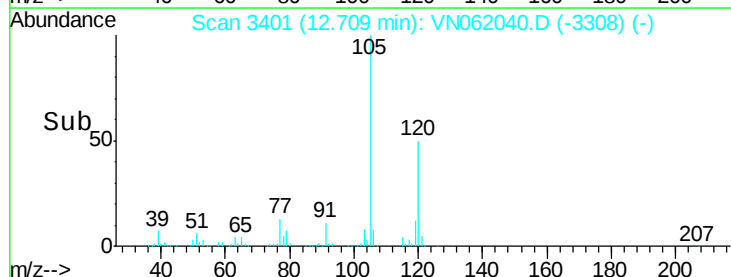
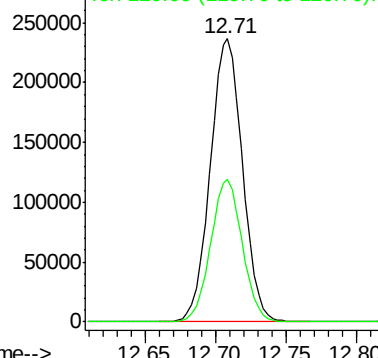
Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061834.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.863 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

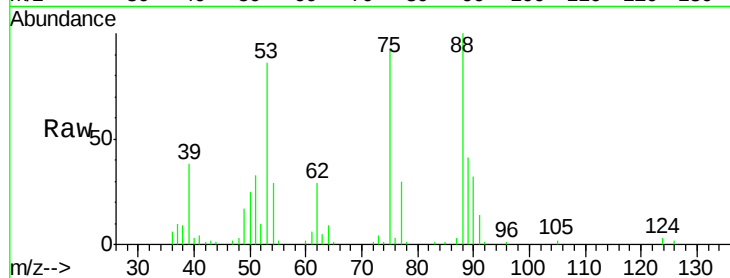
Tgt Ion: 75 Resp: 41518

Ion Ratio Lower Upper

75 100

53 89.1 70.4 105.6

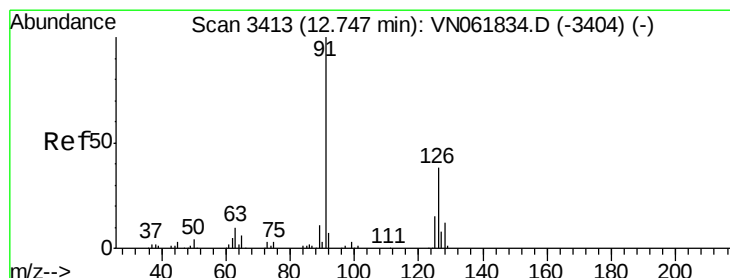
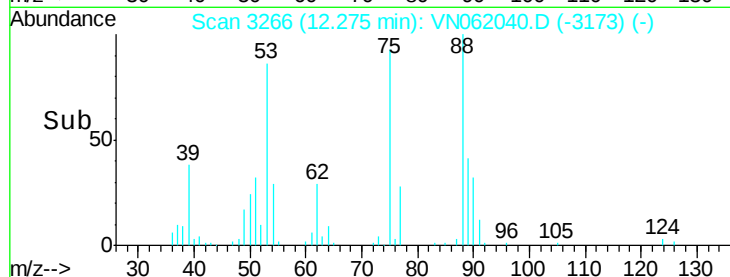
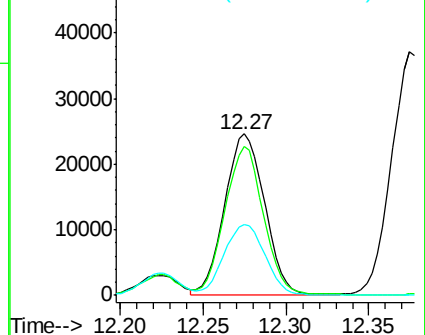
89 44.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 48.904 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062040.D

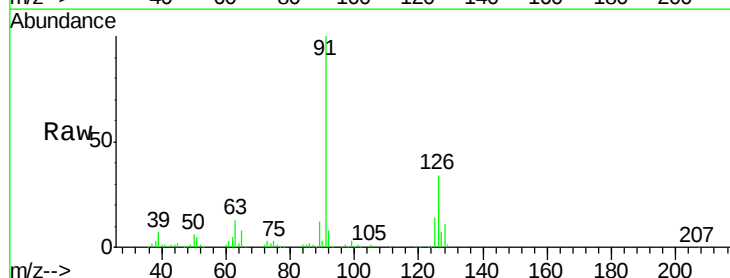
Acq: 23 Jun 2020 8:47

Tgt Ion: 91 Resp: 316385

Ion Ratio Lower Upper

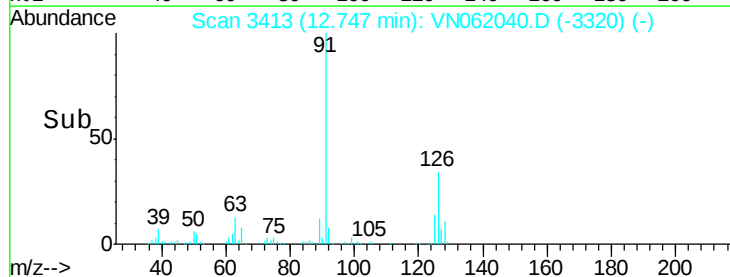
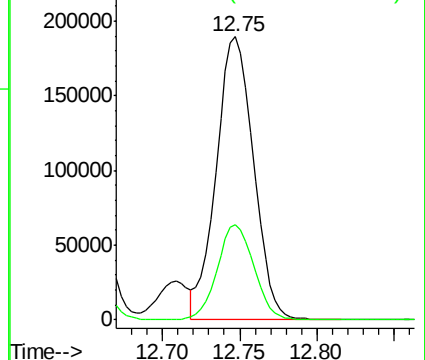
91 100

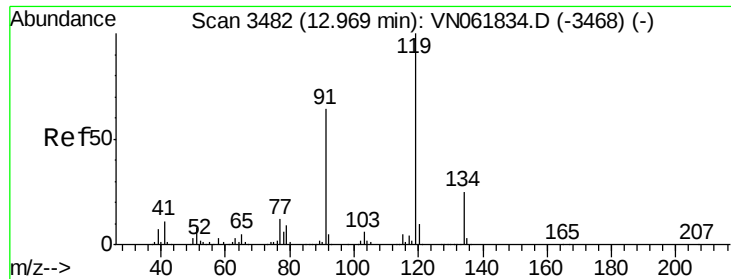
126 33.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

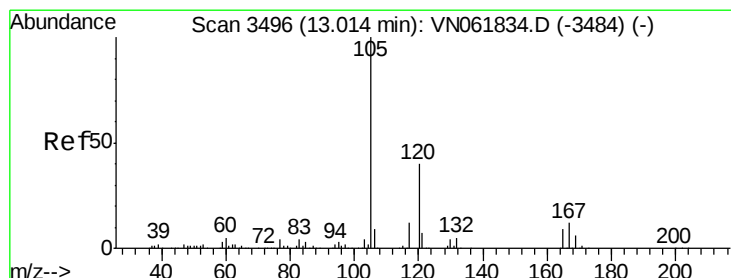
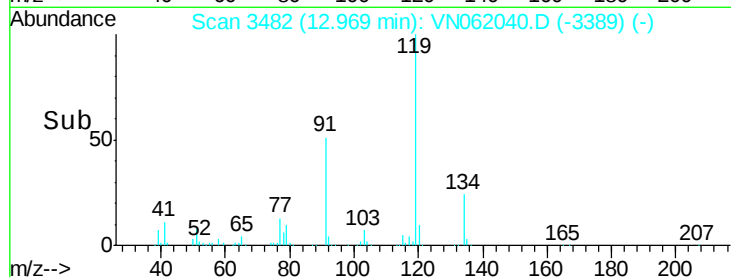
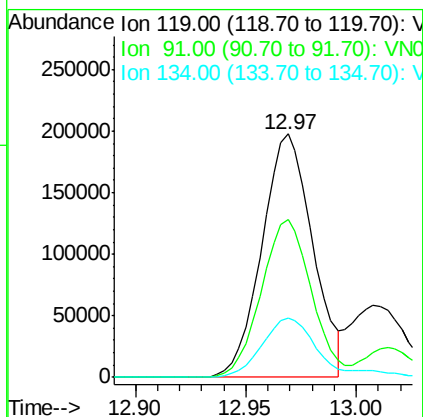
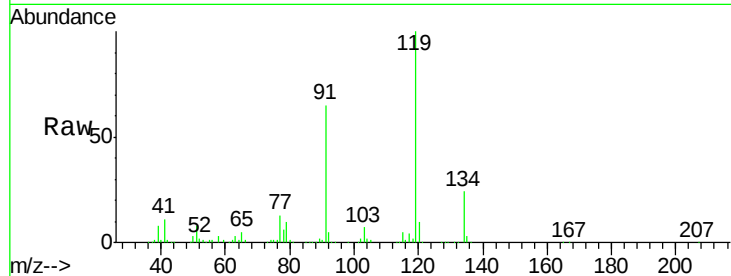




#83
 tert-Butylbenzene
 Concen: 49.268 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

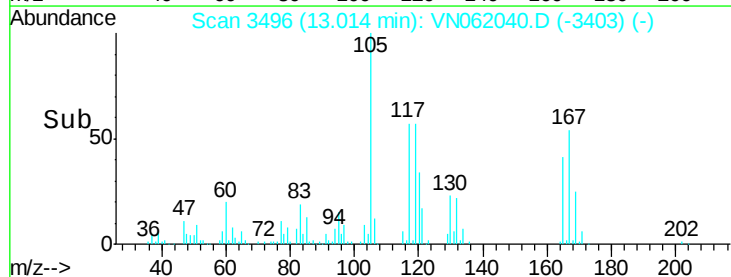
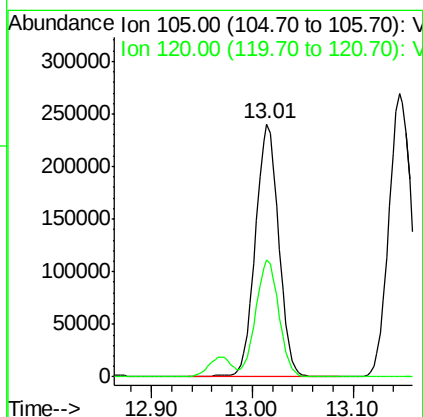
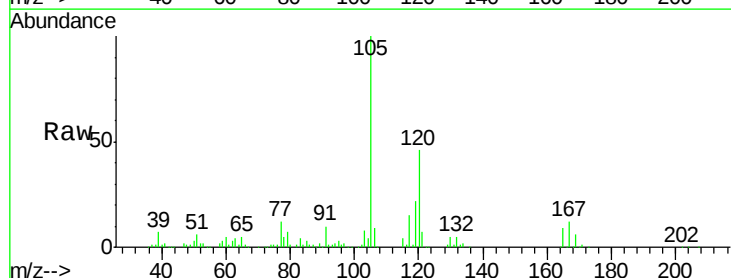
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

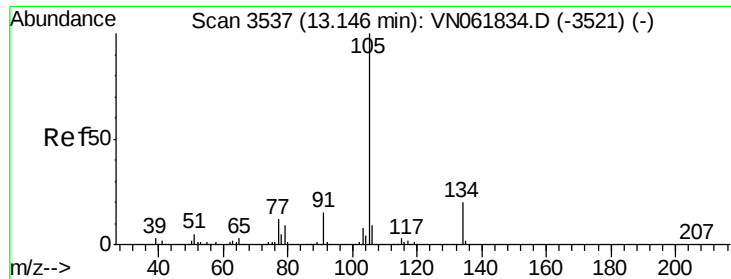
Tgt Ion:119 Resp: 315703
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.5 94.5
 134 25.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.438 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:105 Resp: 383795
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9

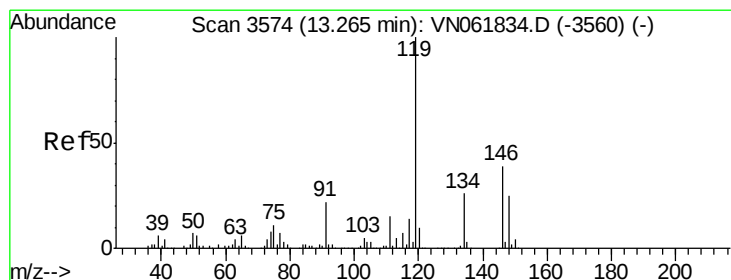
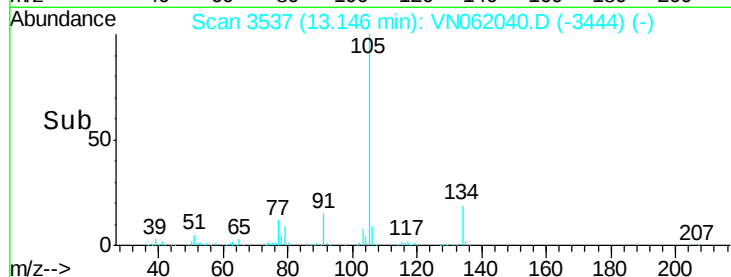
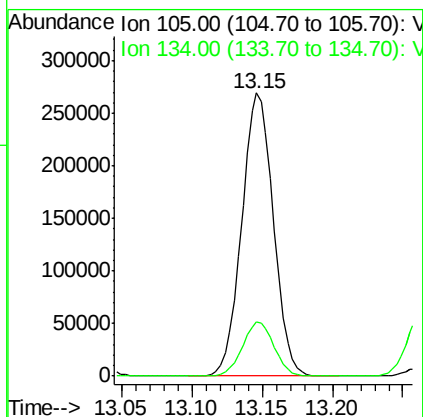
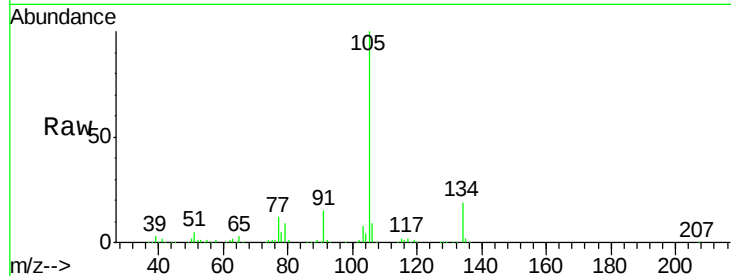




#85
 sec-Butylbenzene
 Concen: 50.370 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

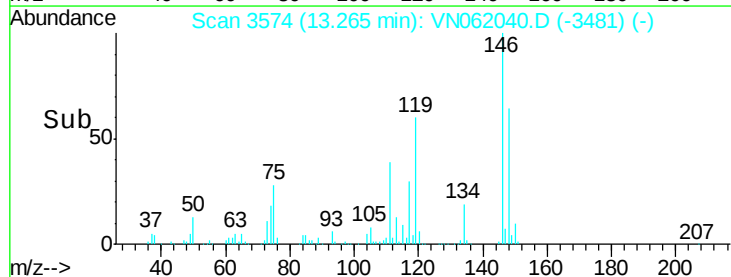
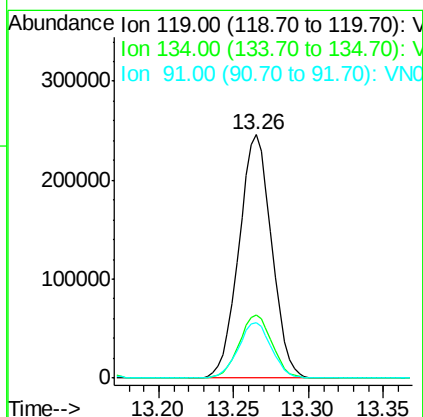
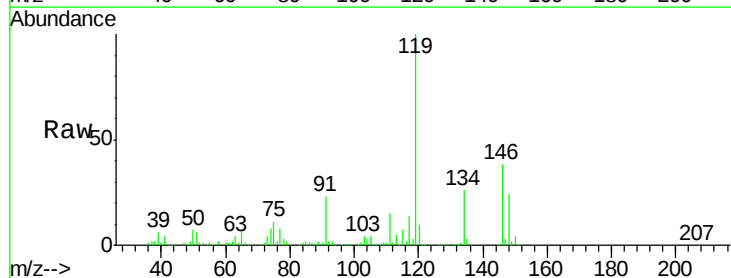
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 422463
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.935 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:119 Resp: 373197
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 23.2 11.2 33.6

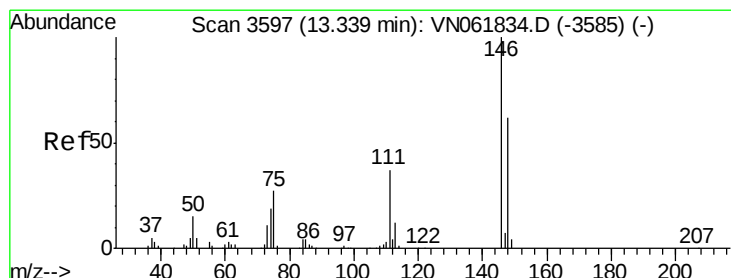
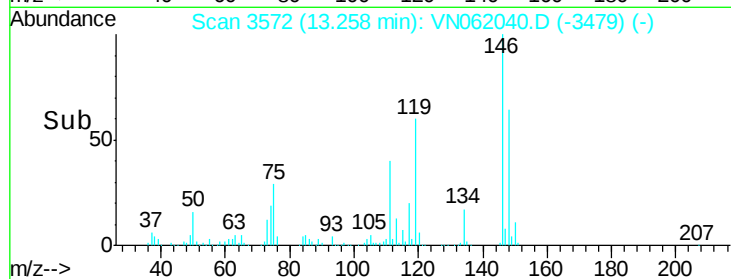
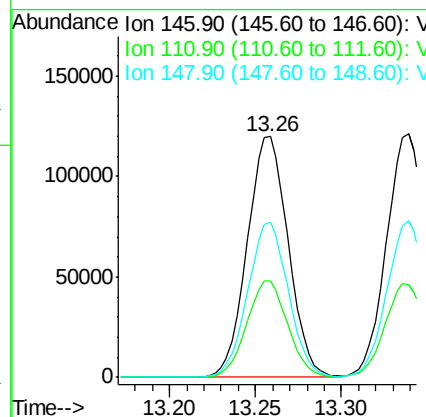
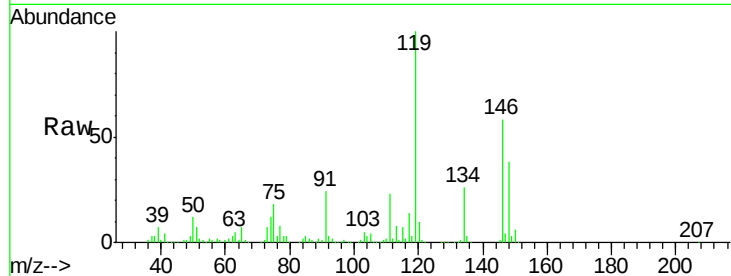




#87
 1,3-Dichlorobenzene
 Concen: 47.264 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

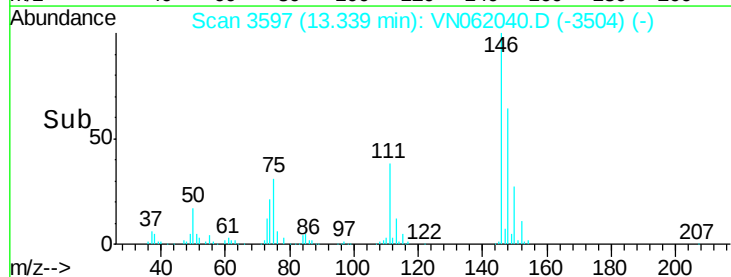
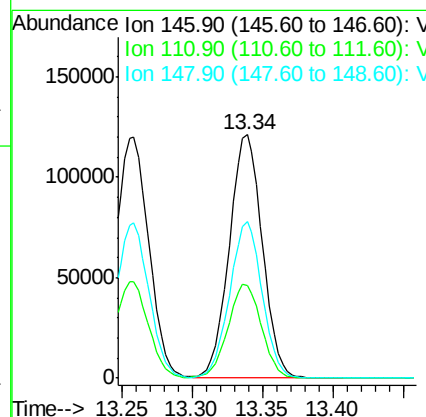
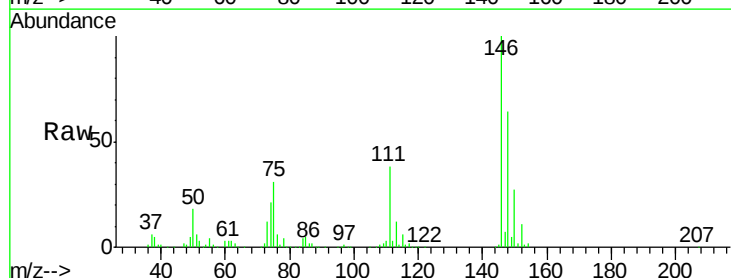
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

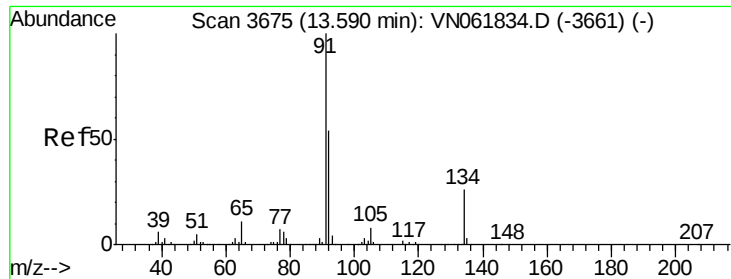
Tgt Ion:146 Resp: 198692
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.8
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 46.029 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:146 Resp: 198068
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 48.120 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062040.D

Acq: 23 Jun 2020 8:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

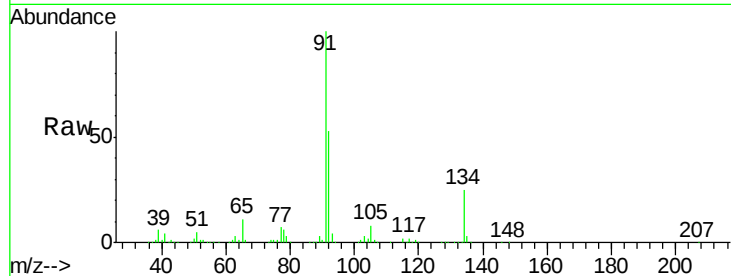
Tgt Ion: 91 Resp: 300344

Ion Ratio Lower Upper

91 100

92 52.9 27.0 80.8

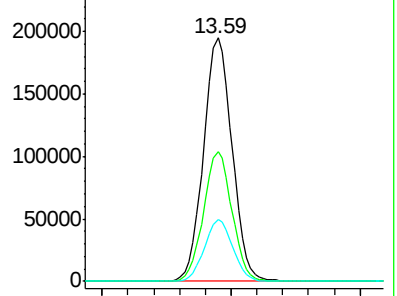
134 25.2 13.0 39.0



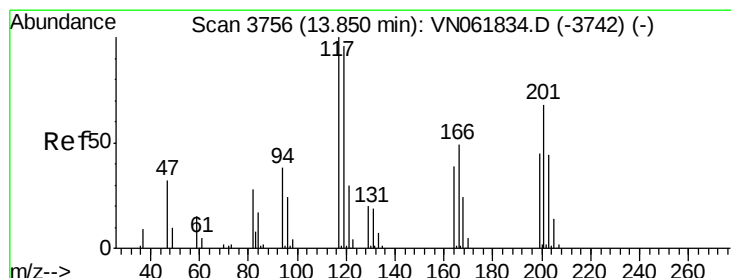
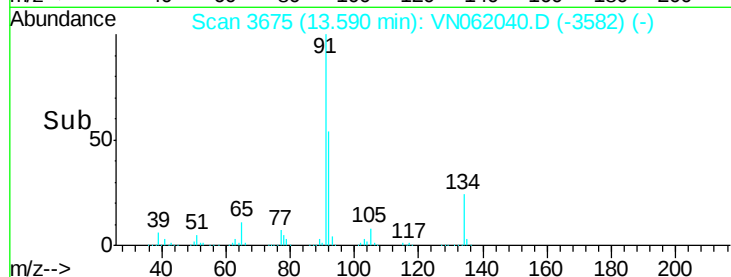
Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061834.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061834.D (-3661) (-)



Time--> 13.50 13.60



#90

Hexachloroethane

Concen: 51.537 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062040.D

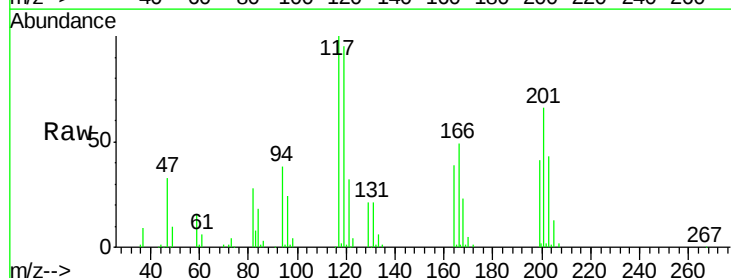
Acq: 23 Jun 2020 8:47

Tgt Ion: 117 Resp: 70506

Ion Ratio Lower Upper

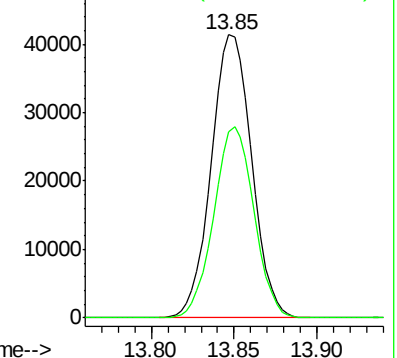
117 100

201 66.7 34.6 103.8

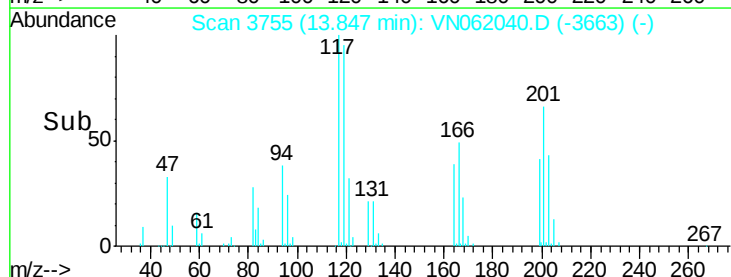


Abundance Ion 116.80 (116.50 to 117.50): VN061834.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061834.D (-3742) (-)



Time--> 13.80 13.85 13.90

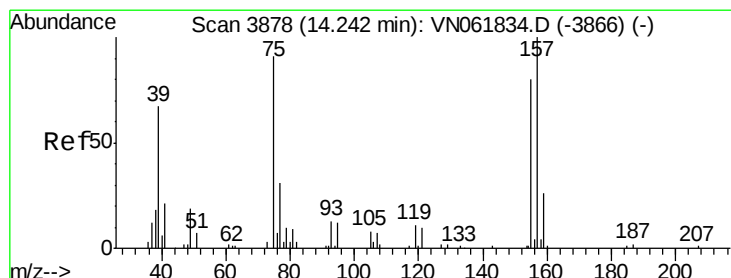
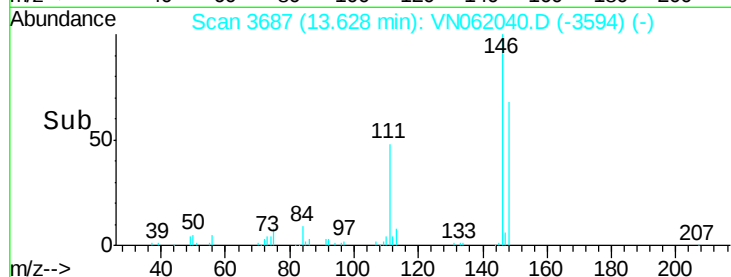
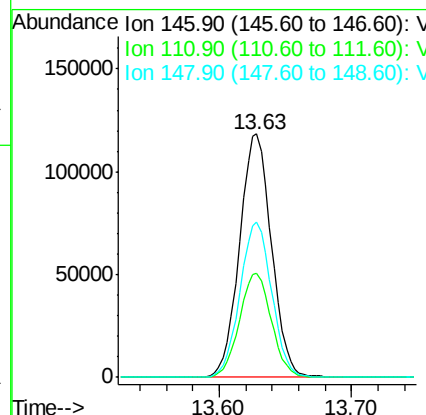
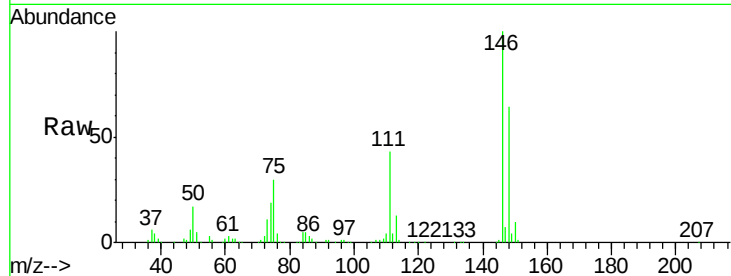




#91
 1,2-Dichlorobenzene
 Concen: 48.861 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

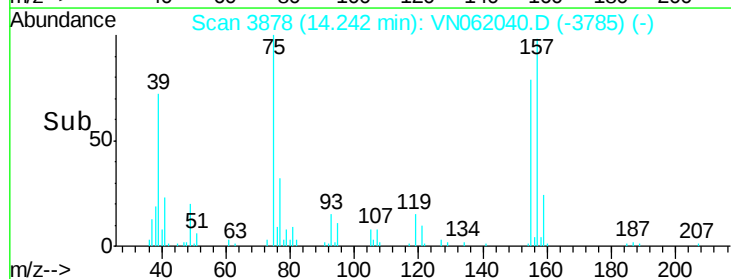
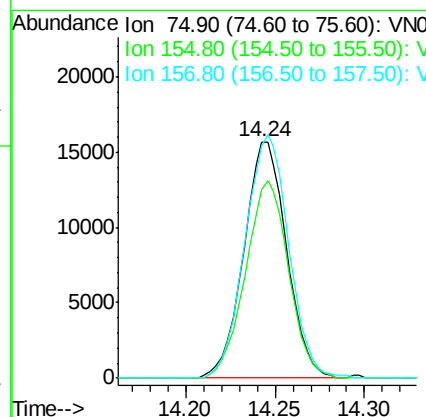
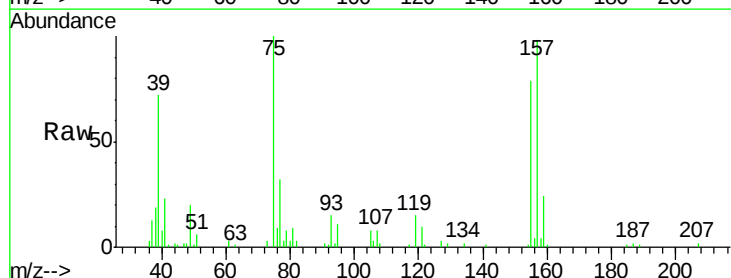
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

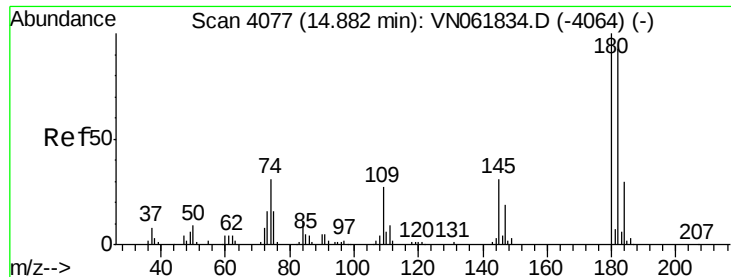
Tgt Ion:146 Resp: 197745
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.2
 148 63.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.452 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion: 75 Resp: 26258
 Ion Ratio Lower Upper
 75 100
 155 83.8 44.4 133.2
 157 105.1 57.0 171.2

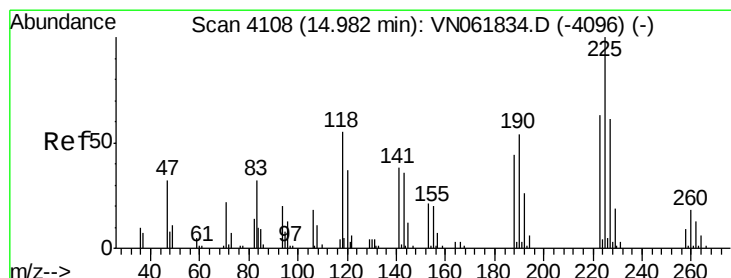
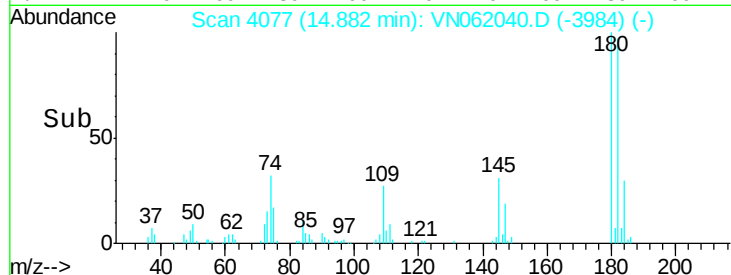
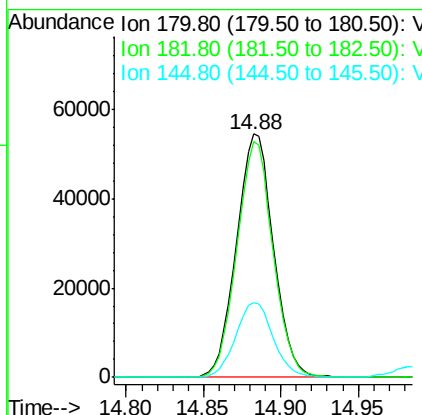
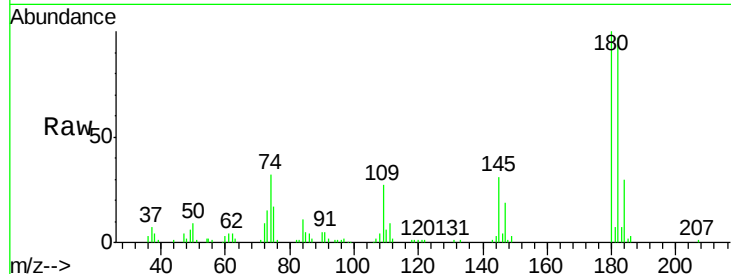




#93
 1,2,4-Trichlorobenzene
 Concen: 47.344 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

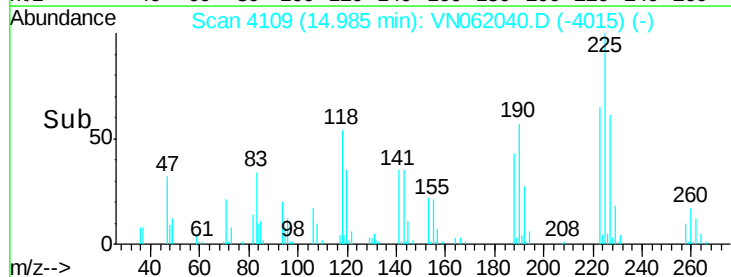
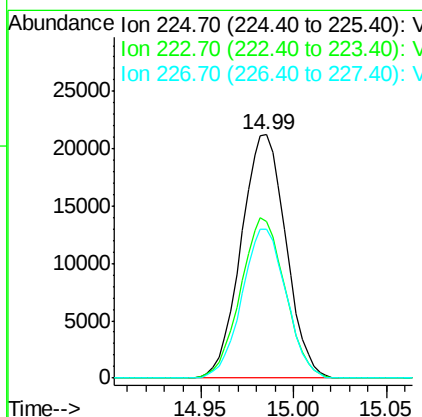
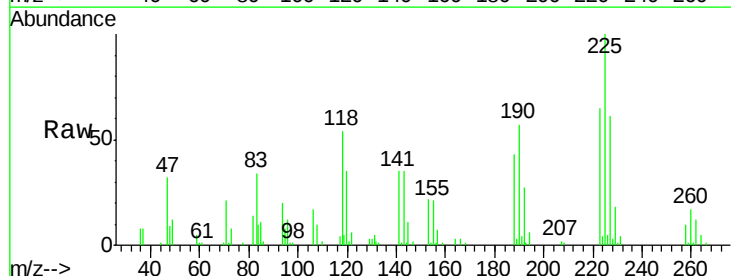
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

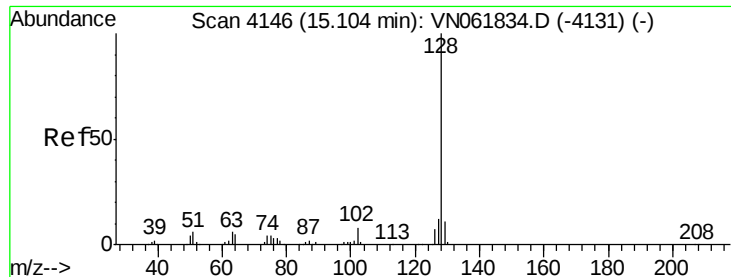
Tgt Ion:180 Resp: 90413
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.2
 145 30.9 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 47.208 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062040.D
 Acq: 23 Jun 2020 8:47

Tgt Ion:225 Resp: 35508
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.7 95.1
 227 60.5 30.1 90.3

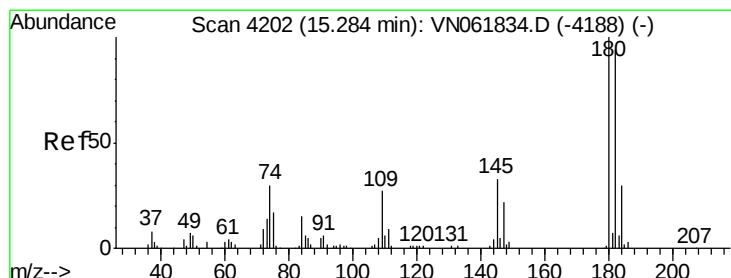
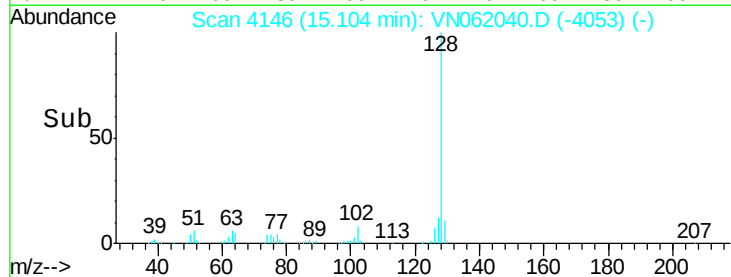
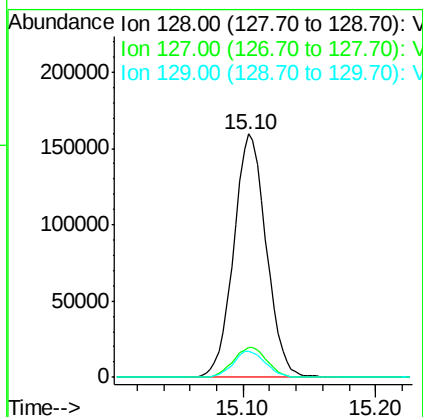
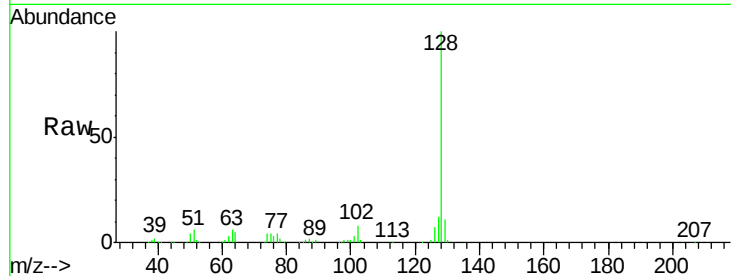




#95
Naphthalene
Concen: 43.033 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 271868
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.042 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062040.D
Acq: 23 Jun 2020 8:47

Tgt Ion:180 Resp: 92755
Ion Ratio Lower Upper
180 100
182 92.6 47.9 143.6
145 33.2 16.5 49.5

