

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061726.D
 Acq On : 9 Jun 2020 16:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 10 03:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	336438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	519572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	507999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	177642	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
35) Dibromofluoromethane	7.54	113	141955	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.06	98	619016	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.37	95	226856	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	166088	42.923	ug/l	100
3) Chloromethane	2.03	50	164932	40.193	ug/l	99
4) Vinyl Chloride	2.16	62	231115	41.100	ug/l	100
5) Bromomethane	2.52	94	143561	44.492	ug/l	98
6) Chloroethane	2.67	64	147016	40.618	ug/l	97
7) Trichlorofluoromethane	2.98	101	364823	50.311	ug/l	100
8) Diethyl Ether	3.37	74	92148	41.558	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148112	46.029	ug/l	99
10) Methyl Iodide	3.91	142	189047	42.321	ug/l	98
11) Tert butyl alcohol	4.72	59	109919	206.161	ug/l	99
12) 1,1-Dichloroethene	3.69	96	143344	41.696	ug/l	93
13) Acrolein	3.56	56	31730	199.211	ug/l	100
14) Allyl chloride	4.27	41	177308	39.451	ug/l	97
15) Acrylonitrile	4.92	53	301126	202.344	ug/l	98
16) Acetone	3.77	43	243561	219.721	ug/l	96
17) Carbon Disulfide	4.00	76	290719	38.437	ug/l	99
18) Methyl Acetate	4.27	43	142374	39.236	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	472159	40.299	ug/l	99
20) Methylene Chloride	4.50	84	165346	45.216	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	161677	41.702	ug/l	94
22) Diisopropyl ether	5.90	45	416498	42.046	ug/l	98
23) Vinyl Acetate	5.83	43	1516888	192.128	ug/l	97
24) 1,1-Dichloroethane	5.79	63	268505	42.746	ug/l	100
25) 2-Butanone	6.78	43	354512	186.613	ug/l	99
26) 2,2-Dichloropropane	6.77	77	248799	43.275	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	194098	44.213	ug/l	98
28) Bromochloromethane	7.14	49	111182	47.067	ug/l	96
29) Tetrahydrofuran	7.16	42	232899	185.917	ug/l	97
30) Chloroform	7.32	83	305393	43.946	ug/l	98
31) Cyclohexane	7.61	56	222365	39.362	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	272634	43.055	ug/l	99
36) 1,1-Dichloropropene	7.74	75	218000	47.396	ug/l	100
37) Ethyl Acetate	6.87	43	153472	41.427	ug/l	97
38) Carbon Tetrachloride	7.73	117	228003	51.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	253041	44.634	ug/l	97
40) Benzene	8.00	78	667190	47.012	ug/l	97
41) Methacrylonitrile	7.12	41	69621	41.018	ug/l	95
42) 1,2-Dichloroethane	8.08	62	212391	44.703	ug/l	100
43) Isopropyl Acetate	8.12	43	267344	40.111	ug/l #	91
44) Trichloroethene	8.80	130	204581	46.906	ug/l	97
45) 1,2-Dichloropropane	9.08	63	161124	47.813	ug/l	99
46) Dibromomethane	9.17	93	122306	47.322	ug/l	98
47) Bromodichloromethane	9.36	83	248414	48.513	ug/l	99
48) Methyl methacrylate	9.16	41	117835	39.295	ug/l	95
49) 1,4-Dioxane	9.16	88	54859	1180.900	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	778395	207.244	ug/l	97
52) Toluene	10.12	92	456772	49.313	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	263941	47.849	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	287286	48.437	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	179865	48.739	ug/l	98
56) Ethyl methacrylate	10.40	69	233419	45.280	ug/l	98
57) 1,3-Dichloropropane	10.68	76	286354	48.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	508731	230.928	ug/l	99
59) 2-Hexanone	10.72	43	553198	205.085	ug/l	97
60) Dibromochloromethane	10.87	129	210573	50.191	ug/l	99
61) 1,2-Dibromoethane	10.98	107	185685	48.244	ug/l	99
64) Tetrachloroethene	10.60	164	226512	47.369	ug/l	97
65) Chlorobenzene	11.40	112	506002	47.919	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	193904	49.317	ug/l	99
67) Ethyl Benzene	11.48	91	877047	48.055	ug/l	100
68) m/p-Xylenes	11.59	106	695720	96.140	ug/l	98
69) o-Xylene	11.92	106	329384	47.922	ug/l	99
70) Styrene	11.94	104	563644	49.519	ug/l	98
71) Bromoform	12.10	173	148210	48.919	ug/l #	99
73) Isopropylbenzene	12.22	105	882950	44.930	ug/l	99
74) N-amyl acetate	12.04	43	237719	38.412	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	227211	41.259	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	294267	60.104	ug/l #	100
77) Bromobenzene	12.50	156	230364	45.924	ug/l	95
78) n-propylbenzene	12.56	91	992041	45.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	575338	43.981	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	733409	44.652	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	77845	40.660	ug/l	100
82) 4-Chlorotoluene	12.75	91	605710	44.013	ug/l	98
83) tert-Butylbenzene	12.97	119	640674	44.147	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	748812	45.891	ug/l	99
85) sec-Butylbenzene	13.15	105	824593	44.095	ug/l	100
86) p-Isopropyltoluene	13.26	119	776122	45.067	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	414418	46.654	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	418985	46.301	ug/l	99
89) n-Butylbenzene	13.59	91	634472	43.986	ug/l	99
90) Hexachloroethane	13.85	117	109025	57.245	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	392848	46.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39202	34.905	ug/l	91

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QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

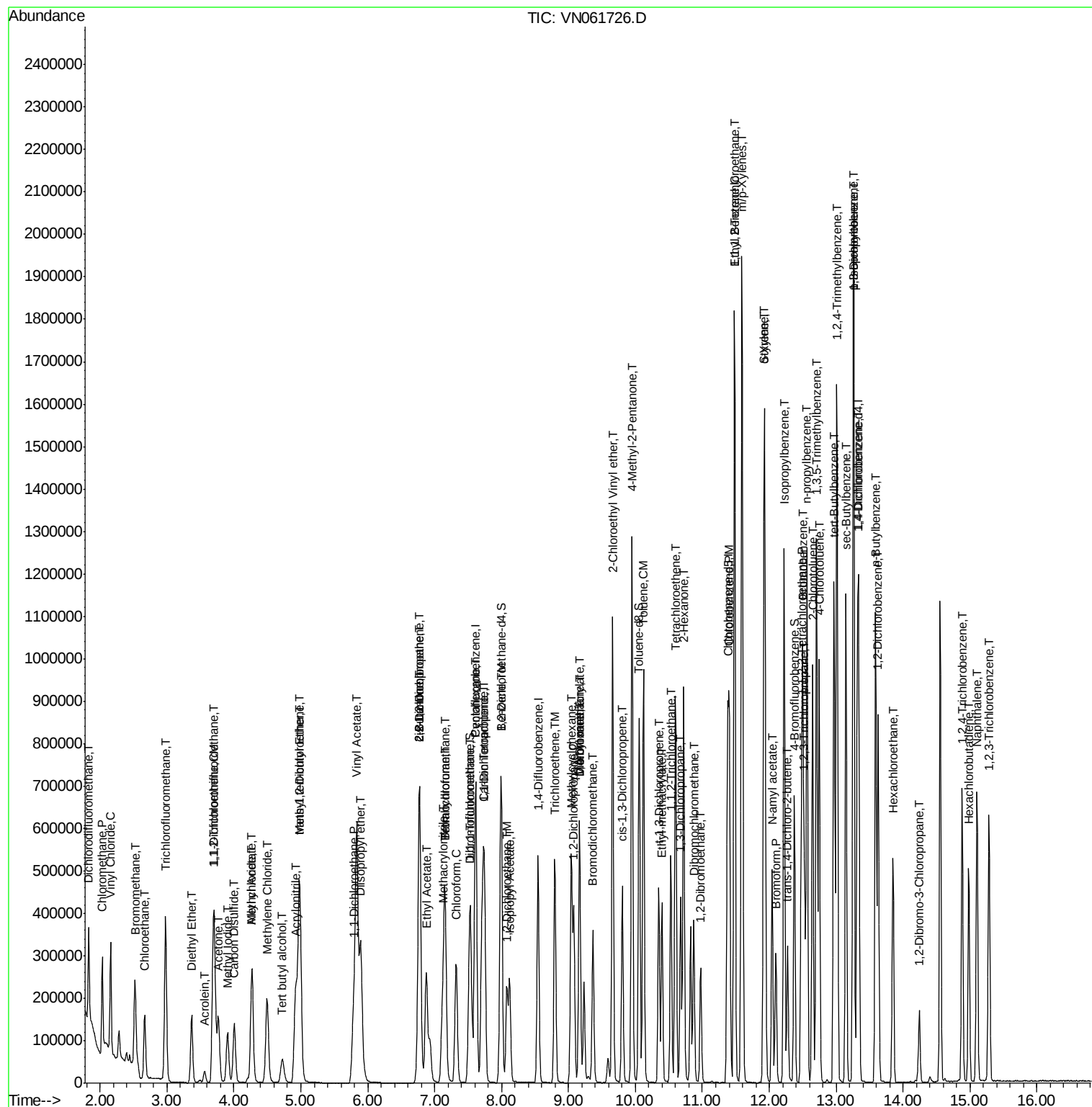
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	230153	46.359	ug/l	100
94) Hexachlorobutadiene	14.99	225	96104	45.389	ug/l	99
95) Naphthalene	15.10	128	620923	41.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	221769	45.433	ug/l	98

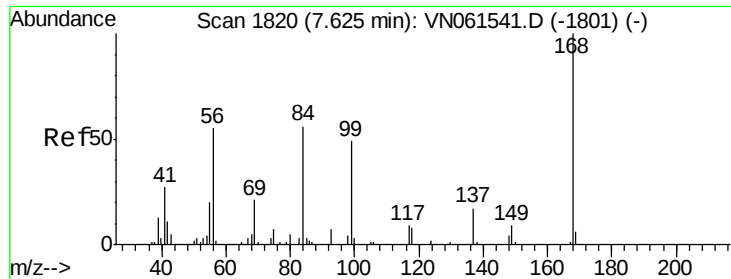
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

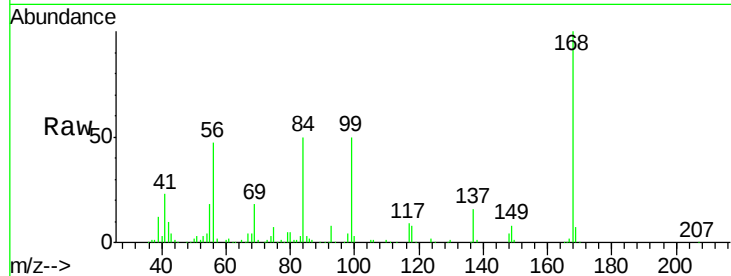
VSTDCCC050EC

Tot Ion:168 Resp: 336438

Ion Ratio Lower Upper

168 100

99 50.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

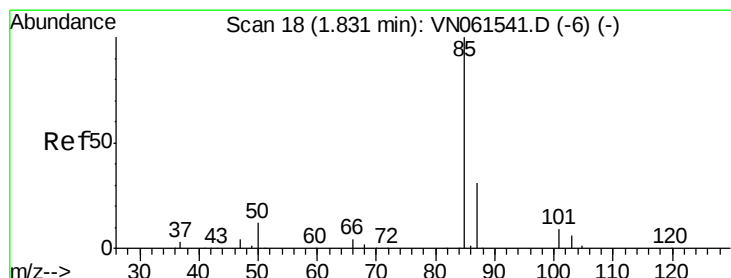
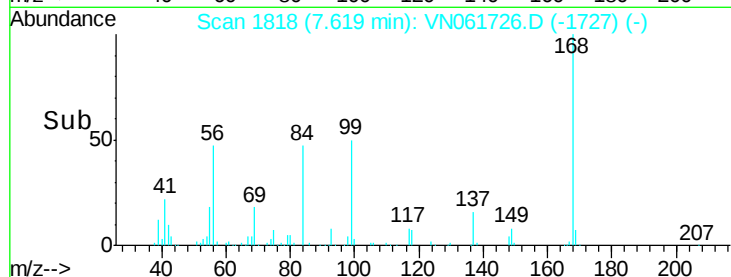
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 42.923 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061726.D

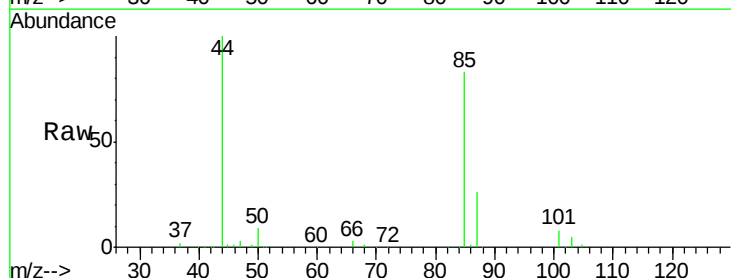
Acq: 9 Jun 2020 16:01

Tgt Ion: 85 Resp: 166088

Ion Ratio Lower Upper

85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

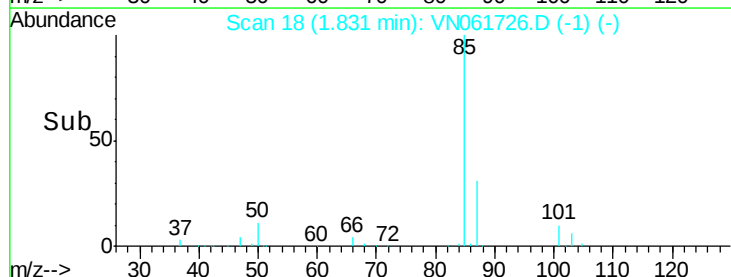
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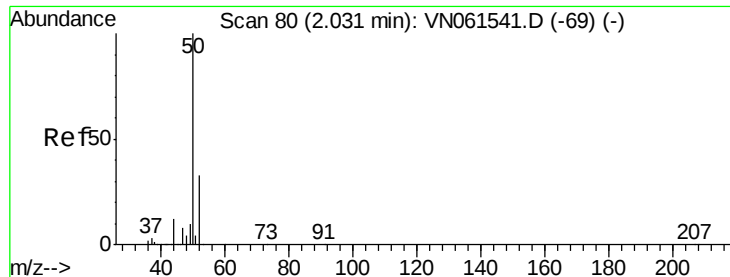
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 40.193 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

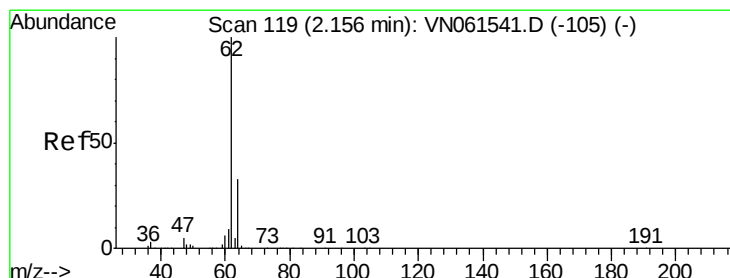
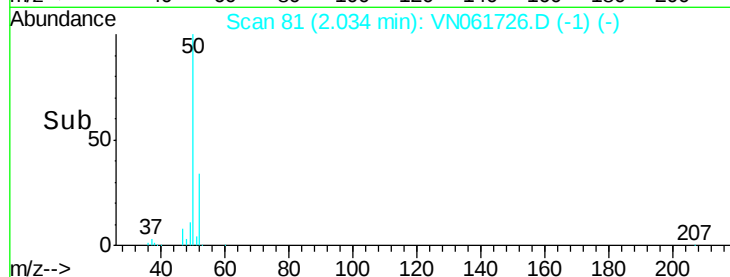
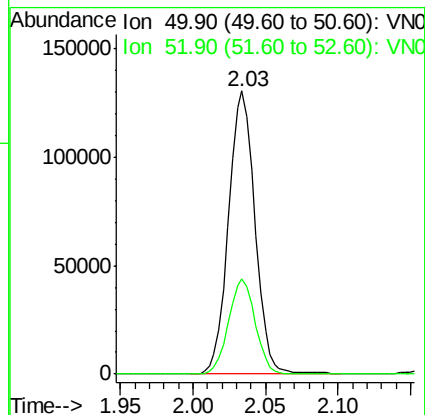
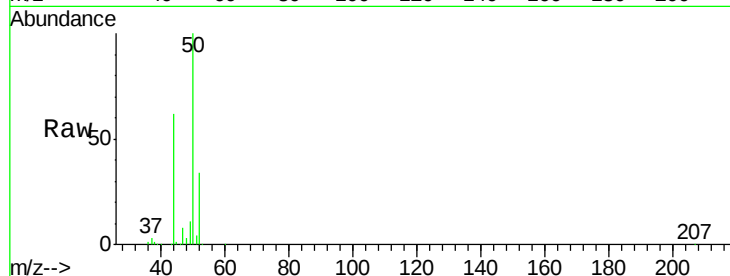
VSTDCCC050EC

Tot Ion: 50 Resp: 164932

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 41.100 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061726.D

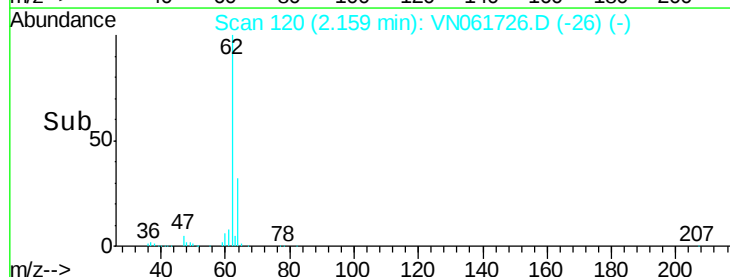
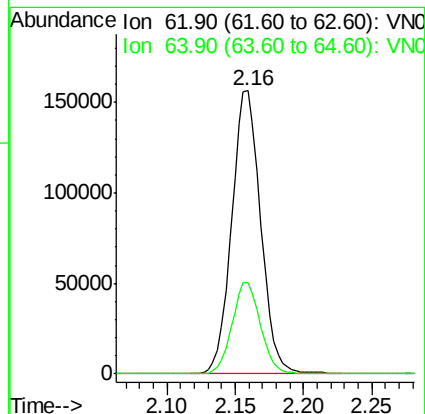
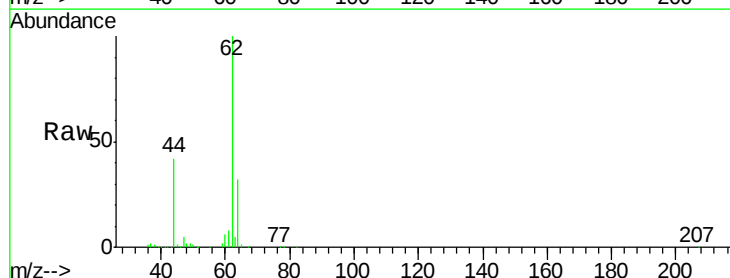
Acq: 9 Jun 2020 16:01

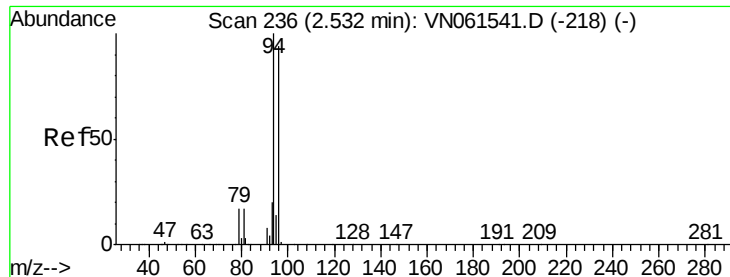
Tgt Ion: 62 Resp: 231115

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 44.492 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

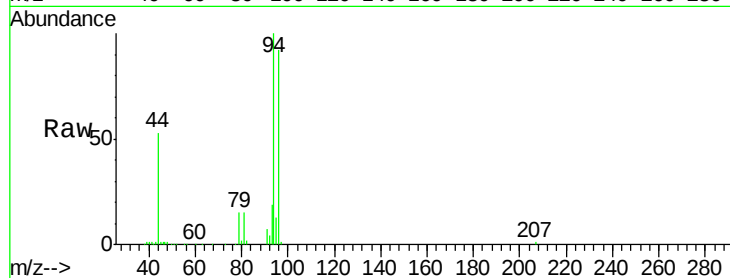
VSTDCCC050EC

Tot Ion: 94 Resp: 143561

Ion Ratio Lower Upper

94 100

96 91.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061726.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VN061726.D (-143) (-)

2.52

80000

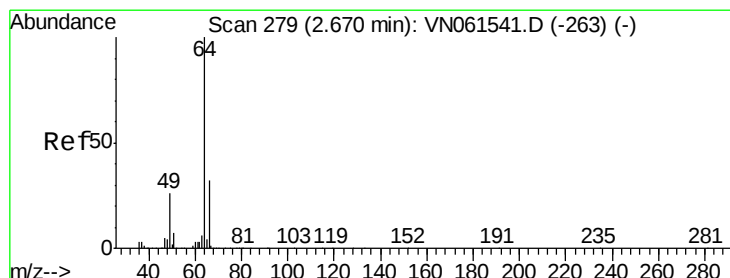
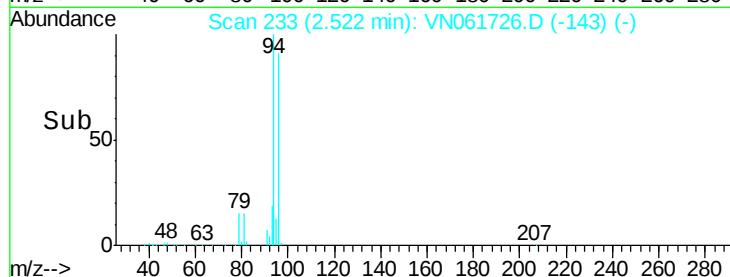
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 40.618 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061726.D

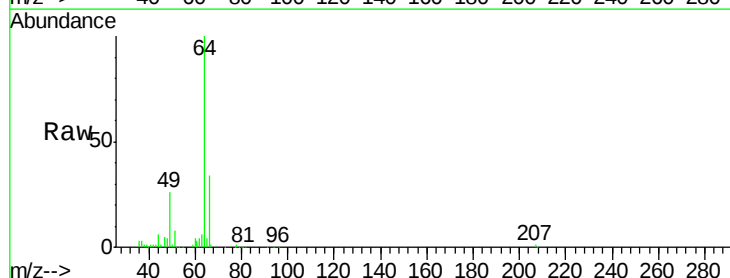
Acq: 9 Jun 2020 16:01

Tgt Ion: 64 Resp: 147016

Ion Ratio Lower Upper

64 100

66 33.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061726.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VN061726.D (-186) (-)

2.67

80000

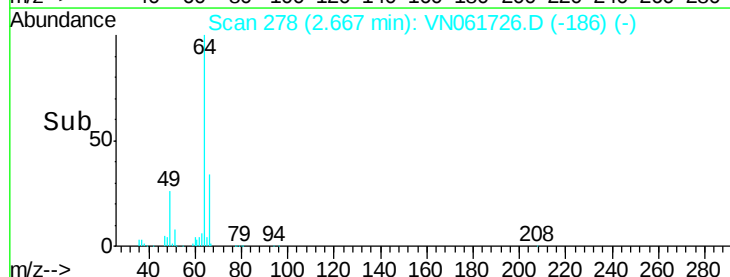
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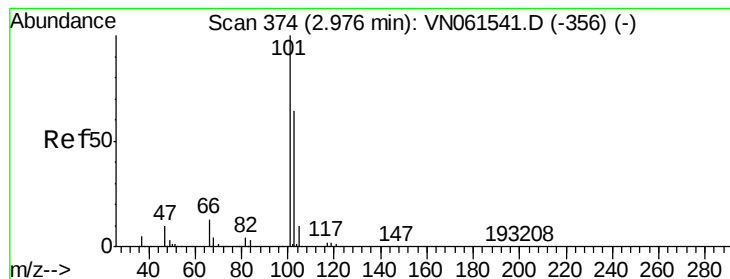
40000

20000

0

Time-->



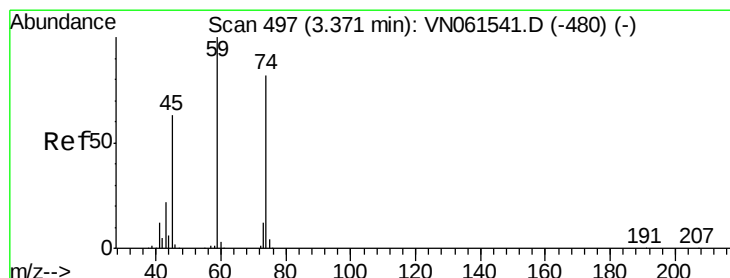
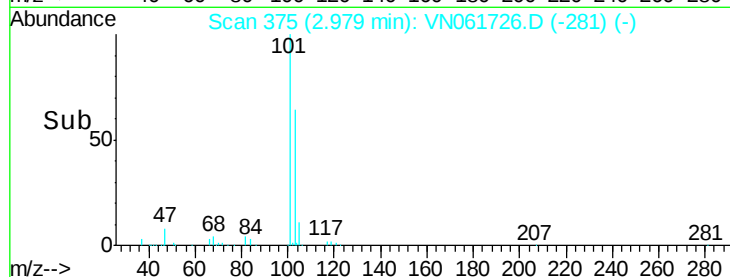
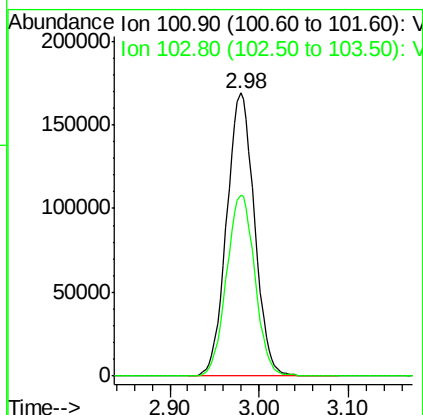
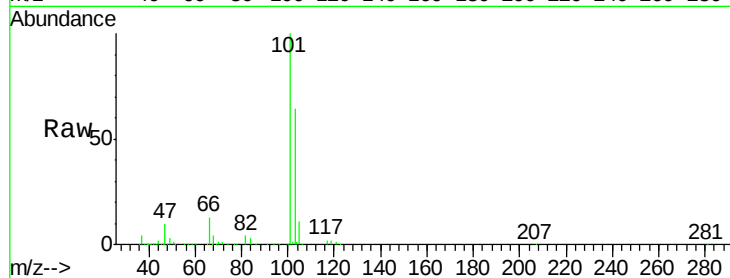


#7

Trichlorofluoromethane
Concen: 50.311 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
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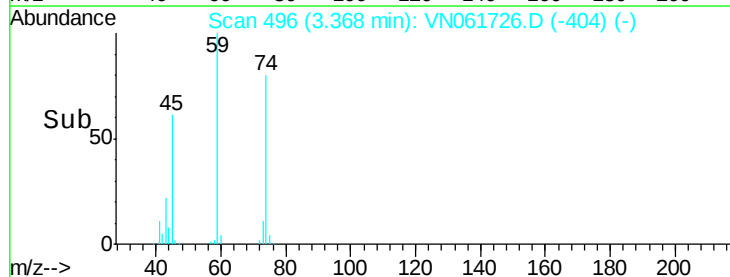
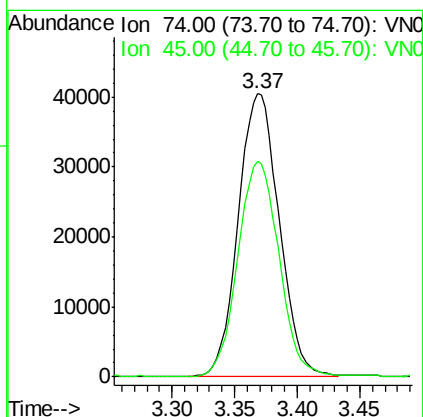
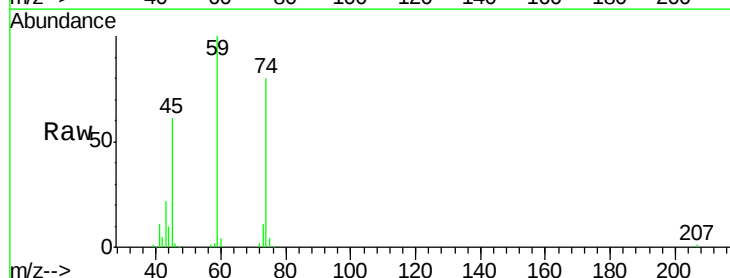
Tot Ion:101 Resp: 364823
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

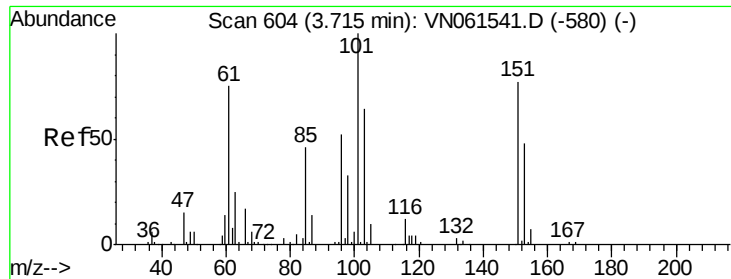


#8

Diethyl Ether
Concen: 41.558 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 74 Resp: 92148
Ion Ratio Lower Upper
74 100
45 76.9 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.029 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

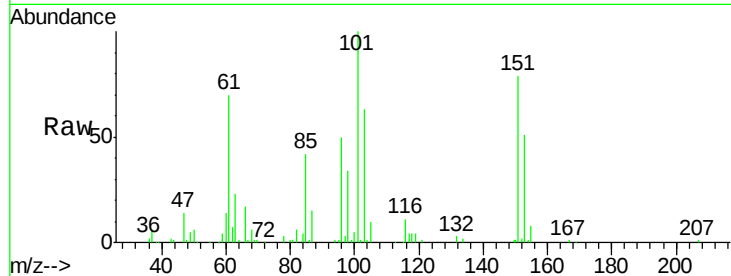
Tot Ion:101 Resp: 148112

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

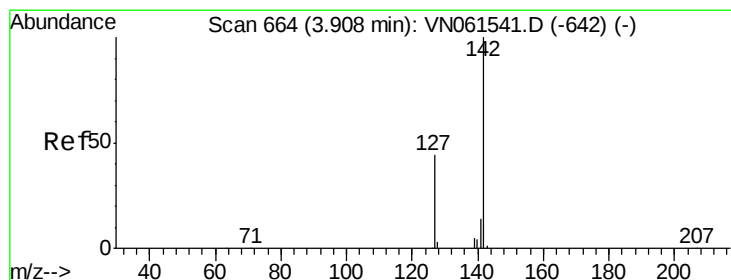
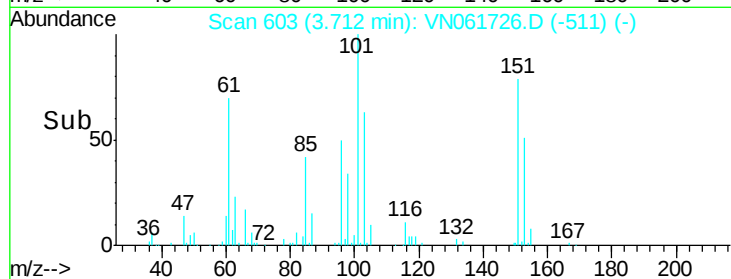
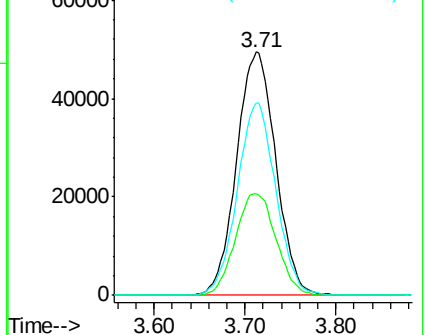
151 77.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.321 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

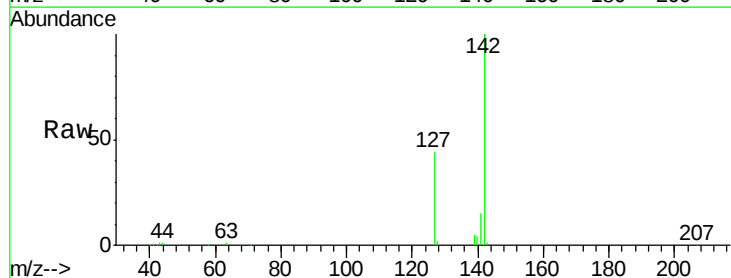
Tgt Ion:142 Resp: 189047

Ion Ratio Lower Upper

142 100

127 42.8 35.5 53.3

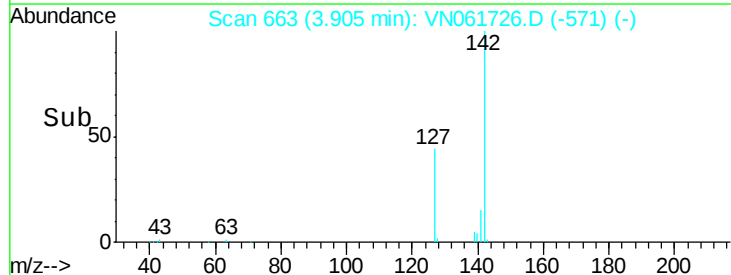
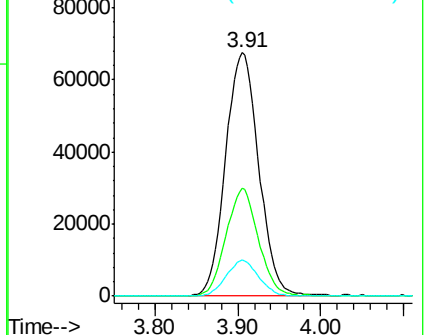
141 14.4 11.5 17.3

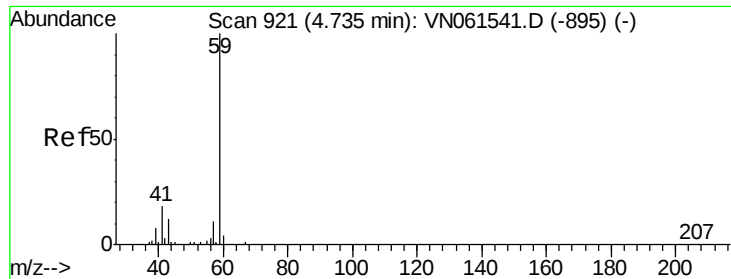


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



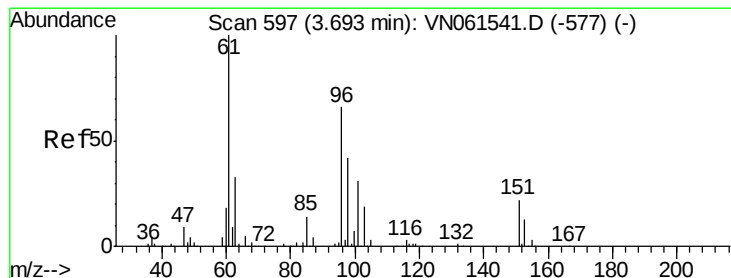
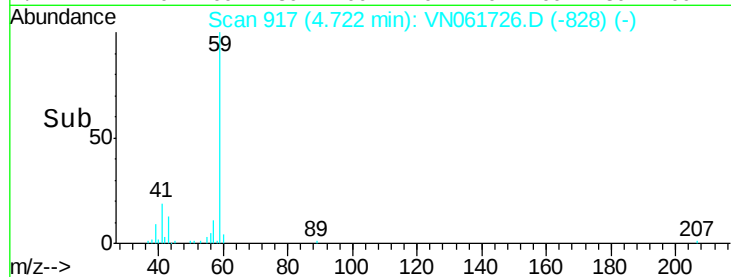
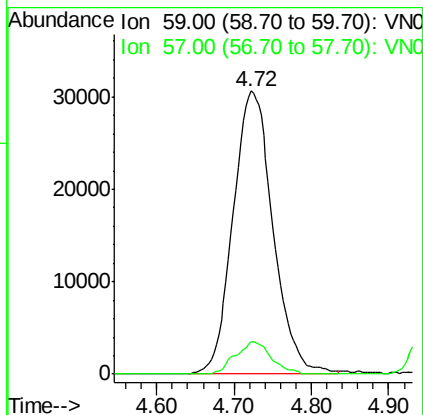
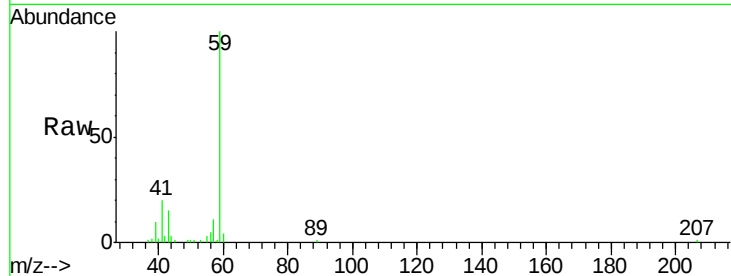


#11

Tert butyl alcohol
Concen: 206.161 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

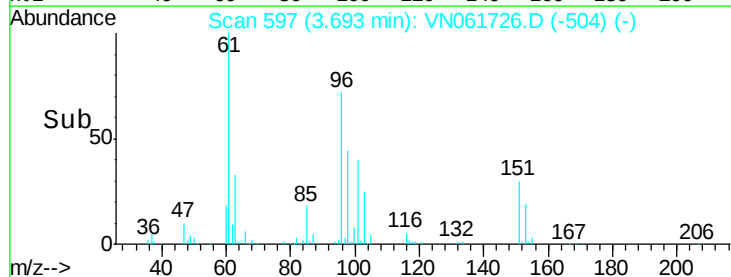
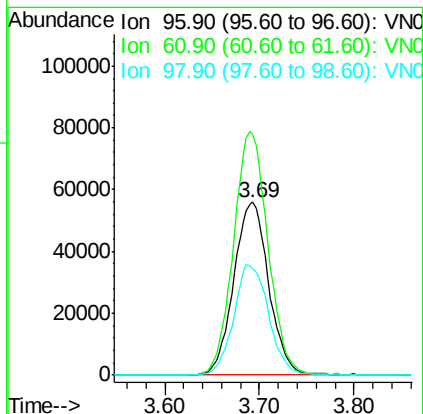
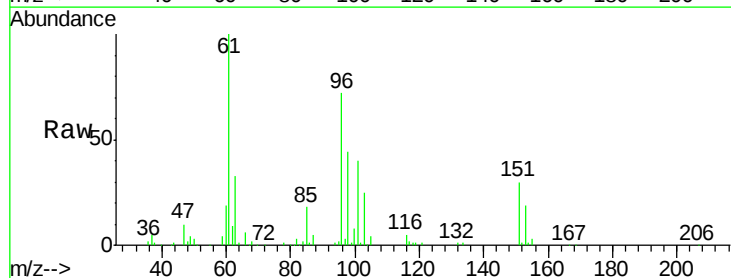
Tot Ion: 59 Resp: 109919
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

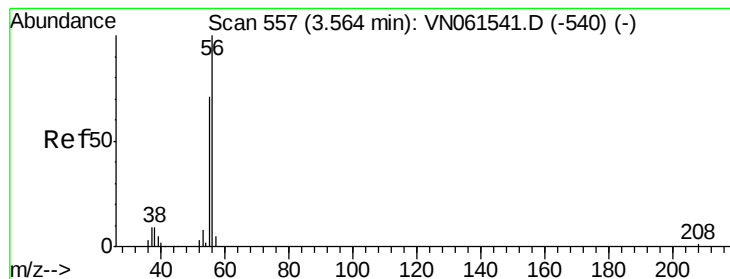


#12

1,1-Dichloroethene
Concen: 41.696 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 96 Resp: 143344
Ion Ratio Lower Upper
96 100
61 139.0 120.5 180.7
98 61.7 50.8 76.2





#13

Acrolein

Concen: 199.211 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

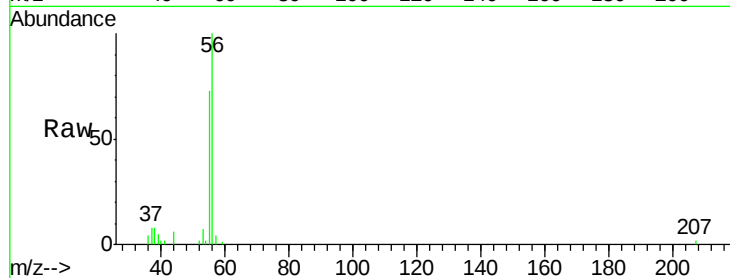
VSTDCCC050EC

Tot Ion: 56 Resp: 31730

Ion Ratio Lower Upper

56 100

55 72.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061726.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061726.D (-464) (-)

3.56

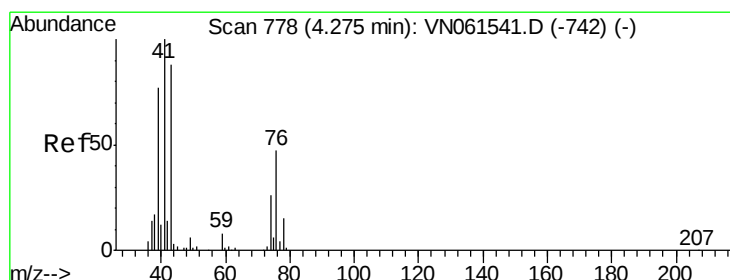
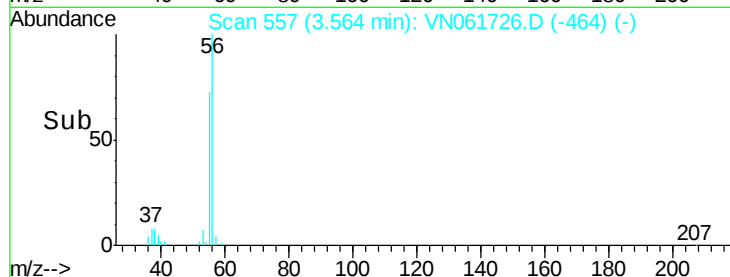
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 39.451 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

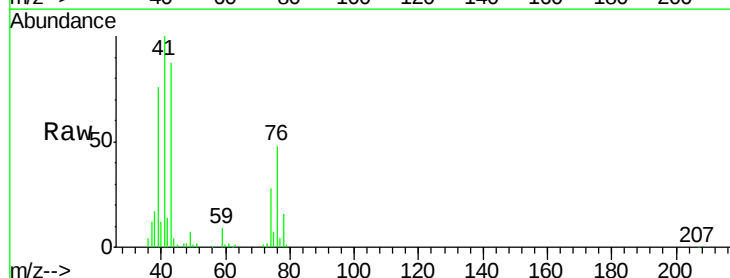
Tgt Ion: 41 Resp: 177308

Ion Ratio Lower Upper

41 100

39 72.3 58.6 88.0

76 46.2 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061726.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061726.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061726.D (-685) (-)

4.27

80000

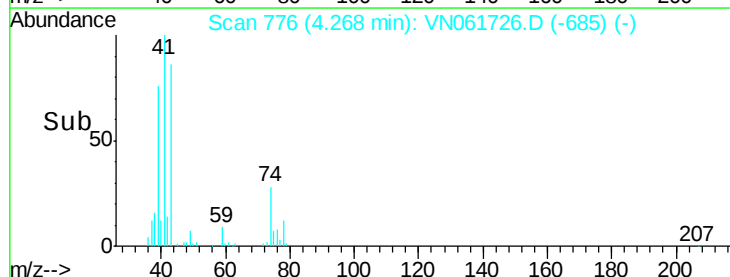
60000

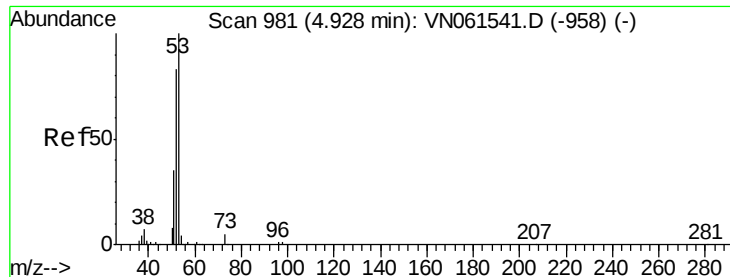
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 202.344 ug/l

RT: 4.92 min Scan# 979

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

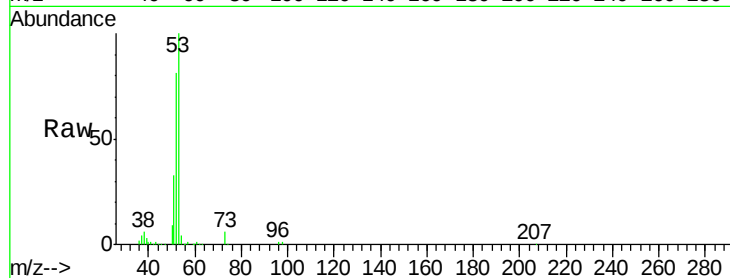
Tot Ion: 53 Resp: 301126

Ion Ratio Lower Upper

53 100

52 80.4 65.4 98.2

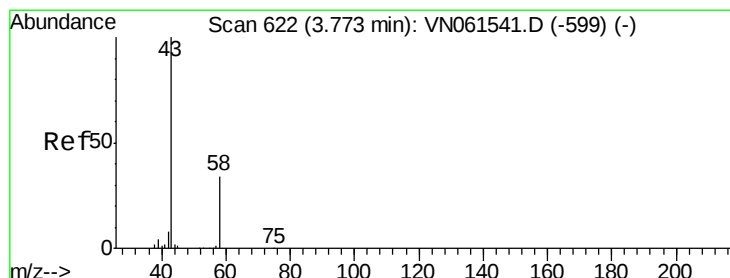
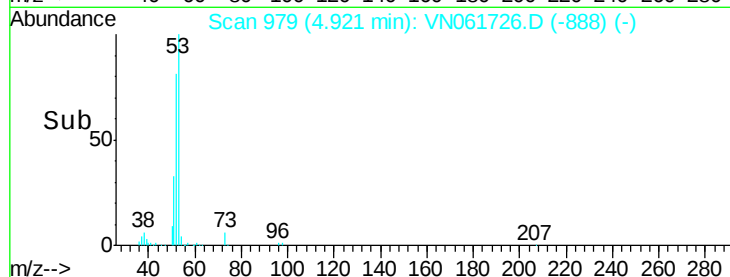
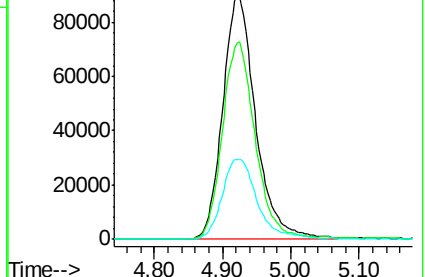
51 35.1 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061726.D (-979) (-)

Ion 52.00 (51.70 to 52.70): VN061726.D (-979) (-)

Ion 51.00 (50.70 to 51.70): VN061726.D (-979) (-)



#16

Acetone

Concen: 219.721 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN061726.D

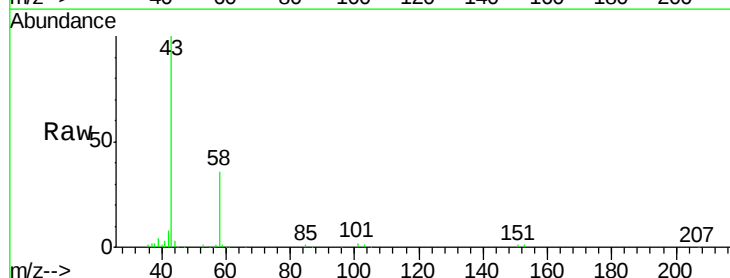
Acq: 9 Jun 2020 16:01

Tgt Ion: 43 Resp: 243561

Ion Ratio Lower Upper

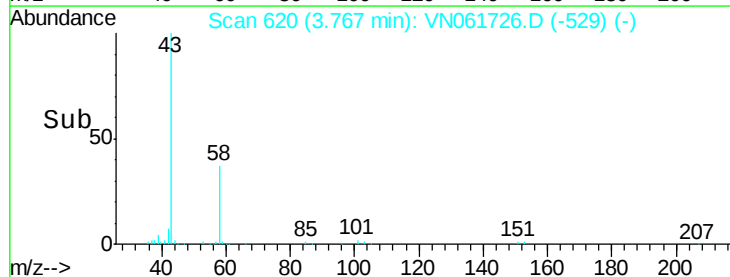
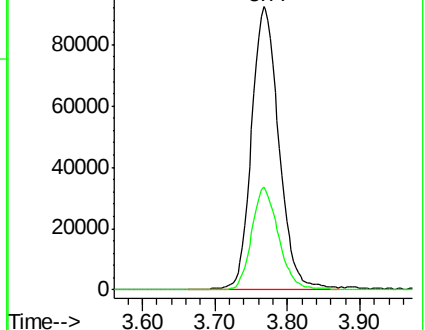
43 100

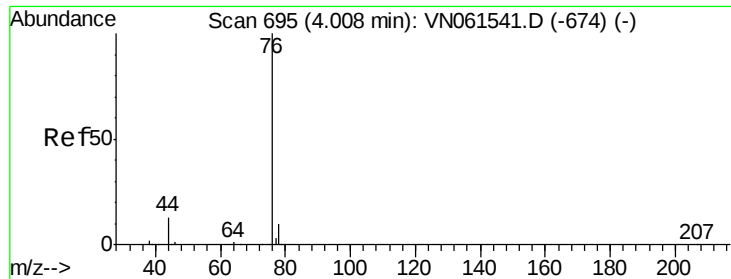
58 36.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061726.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN061726.D (-620) (-)

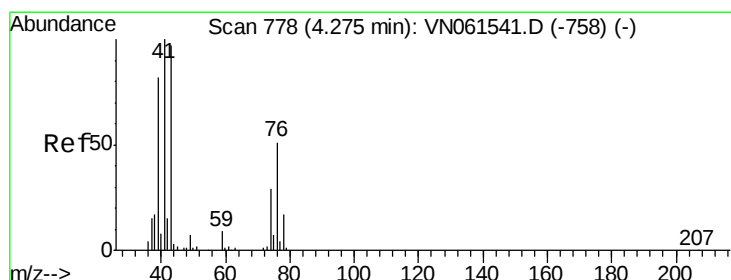
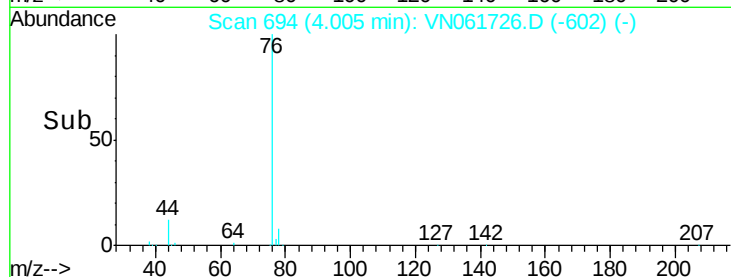
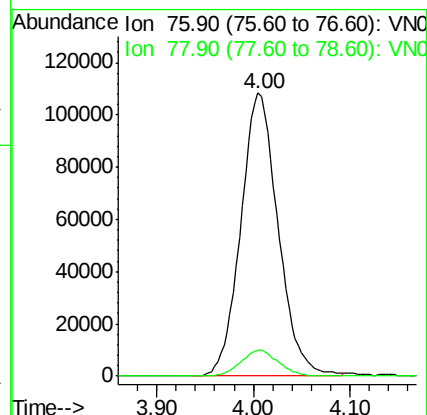
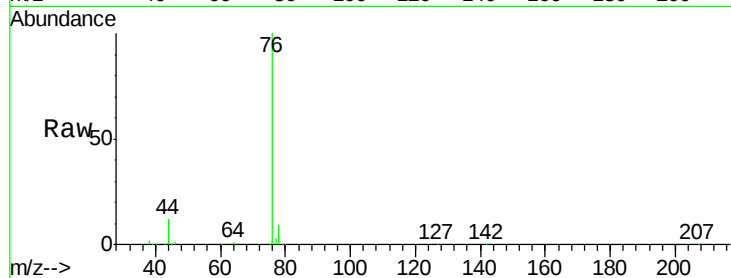




#17
Carbon Disulfide
Concen: 38.437 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

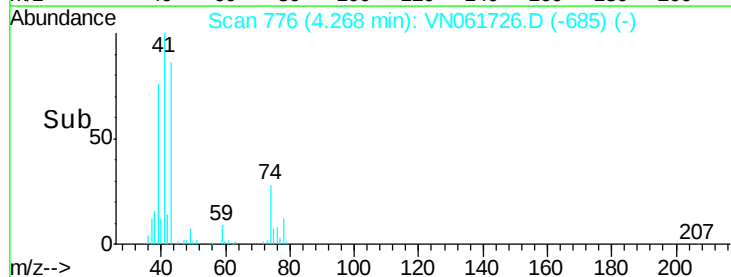
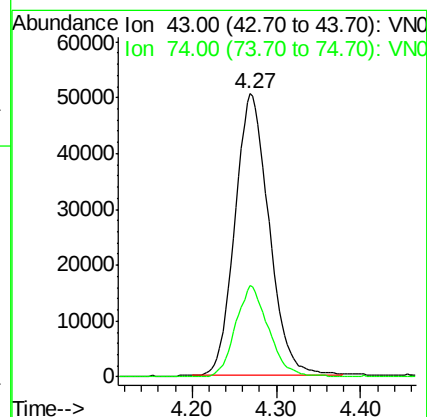
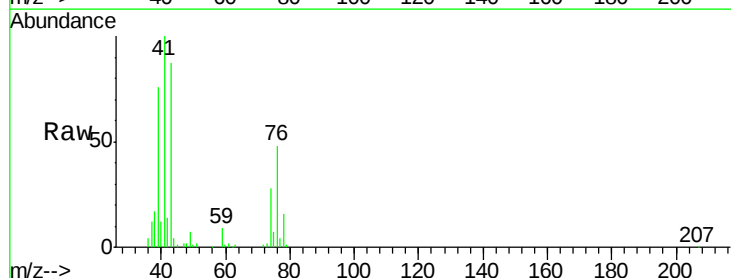
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

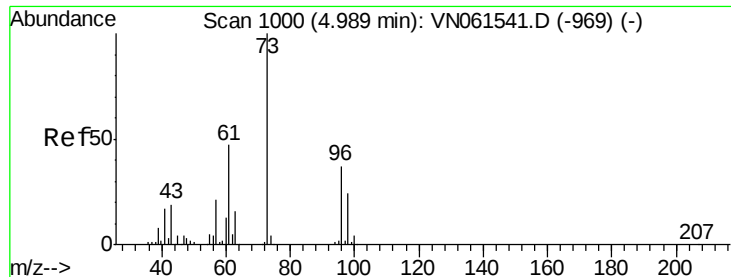
Tot Ion: 76 Resp: 290719
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6



#18
Methyl Acetate
Concen: 39.236 ug/l
RT: 4.27 min Scan# 776
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 43 Resp: 142374
Ion Ratio Lower Upper
43 100
74 31.3 23.2 34.8

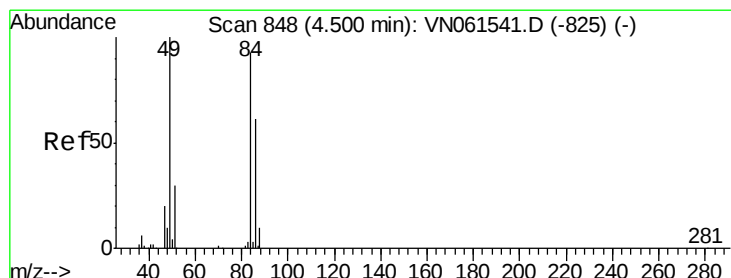
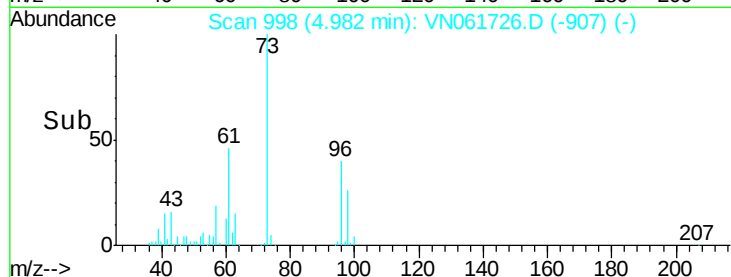
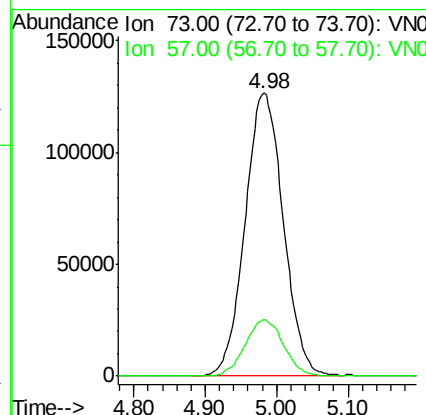
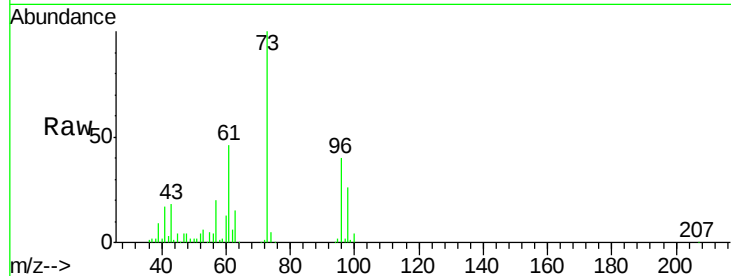




#19
Methyl tert-butyl Ether
Concen: 40.299 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

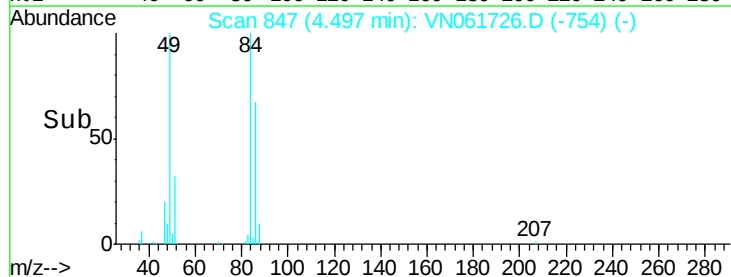
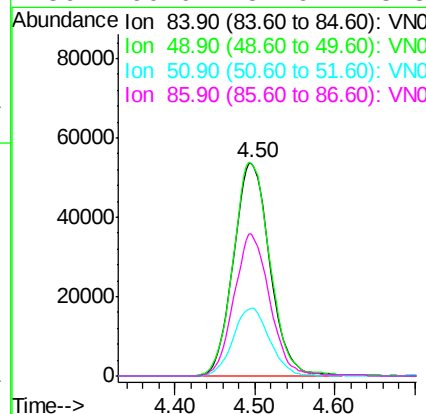
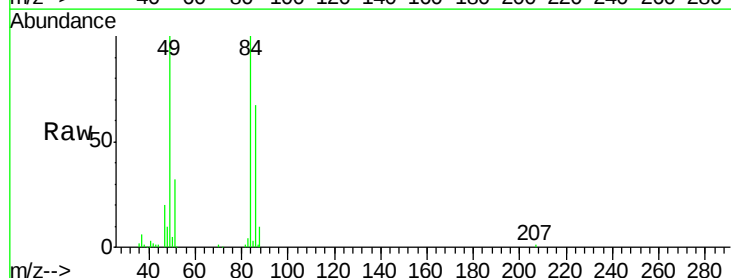
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

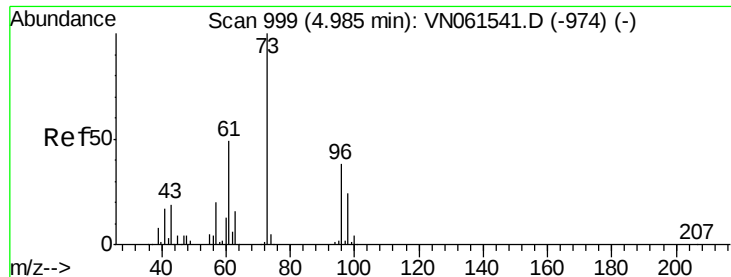
Tot Ion: 73 Resp: 472159
Ion Ratio Lower Upper
73 100
57 20.0 16.4 24.6



#20
Methylene Chloride
Concen: 45.216 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 84 Resp: 165346
Ion Ratio Lower Upper
84 100
49 100.0 85.8 128.8
51 32.1 26.2 39.2
86 66.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 41.702 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

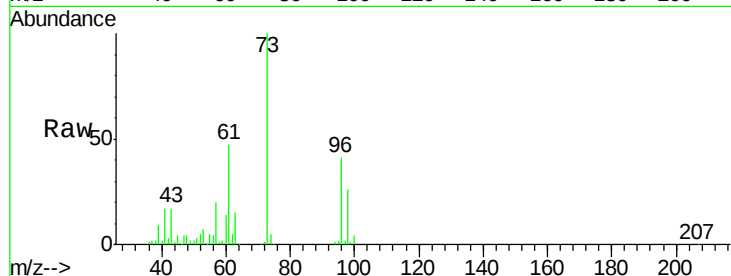
Tot Ion: 96 Resp: 161677

Ion Ratio Lower Upper

96 100

61 116.4 101.4 152.0

98 64.1 50.6 76.0

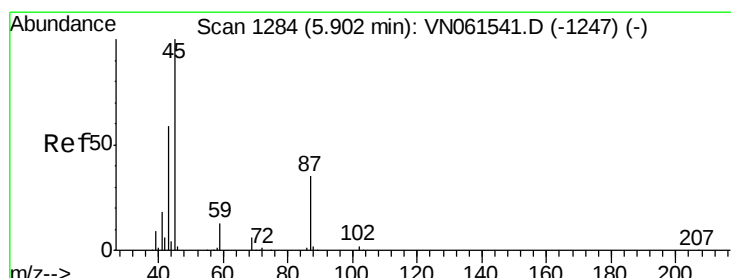
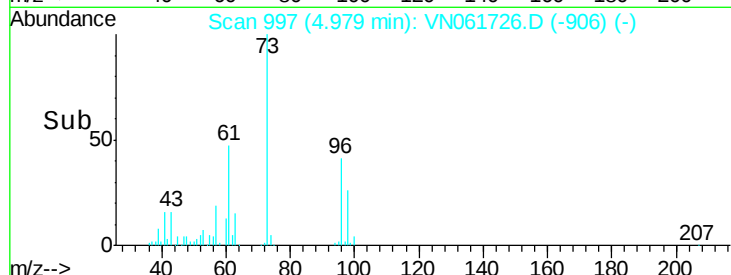
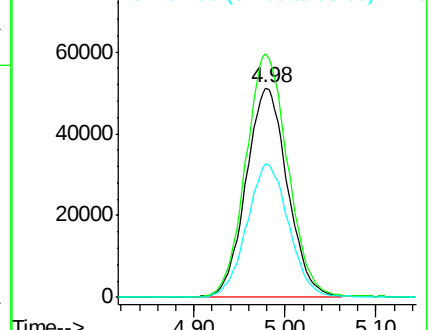


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 42.046 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Tgt Ion: 45 Resp: 416498

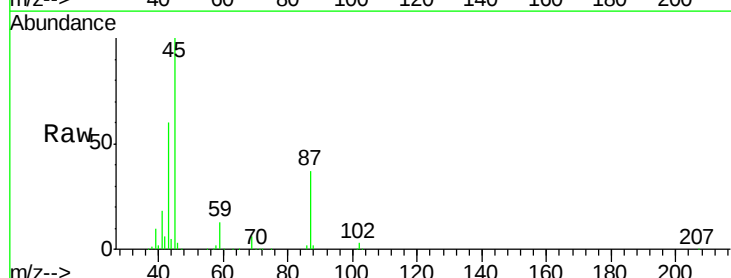
Ion Ratio Lower Upper

45 100

43 58.6 47.9 71.9

87 37.0 28.4 42.6

59 12.7 10.5 15.7



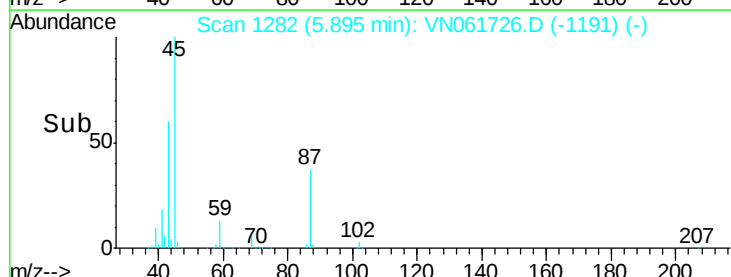
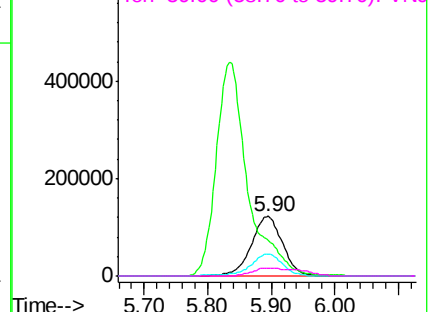
Abundance

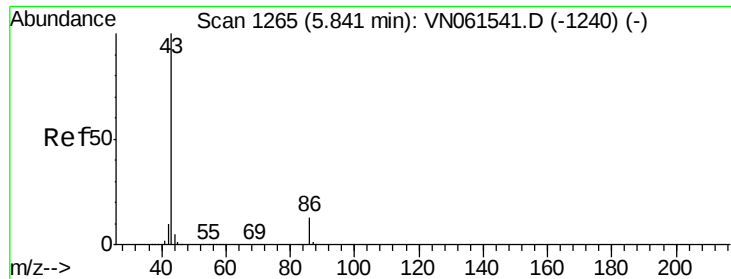
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 192.128 ug/l

RT: 5.83 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

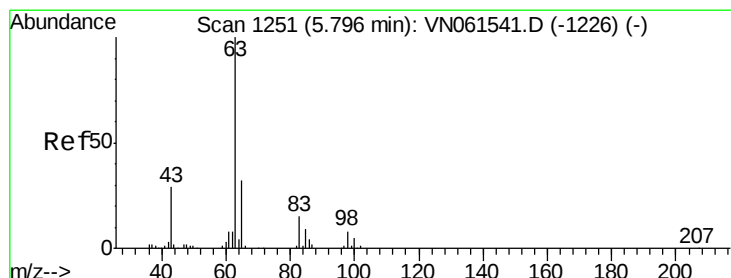
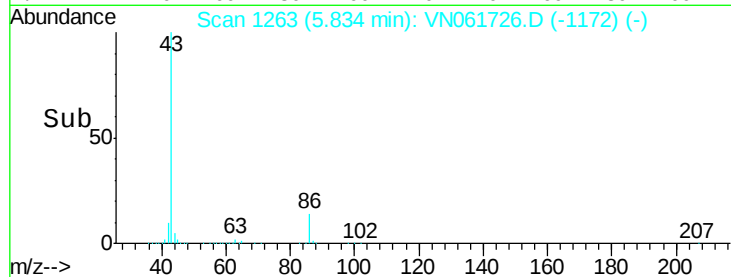
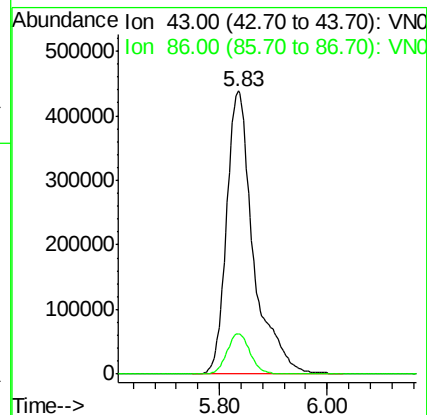
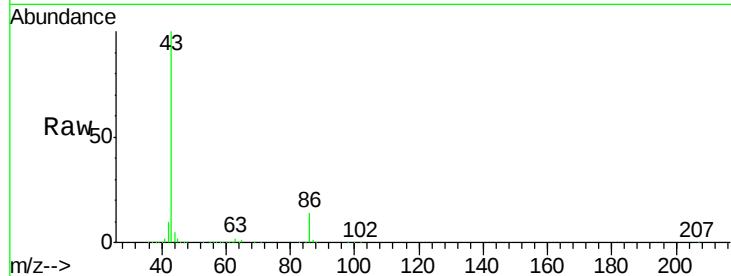
VSTDCCC050EC

Tot Ion: 43 Resp: 1516888

Ion Ratio Lower Upper

43 100

86 14.4 10.6 16.0



#24

1,1-Dichloroethane

Concen: 42.746 ug/l

RT: 5.79 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

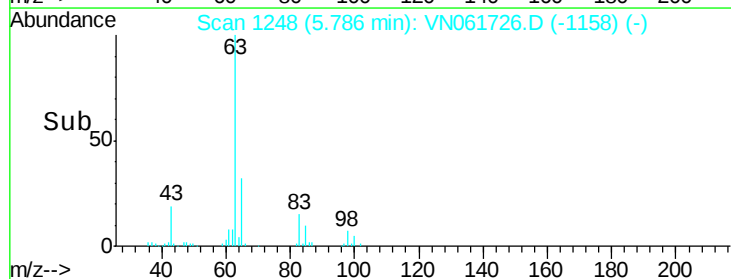
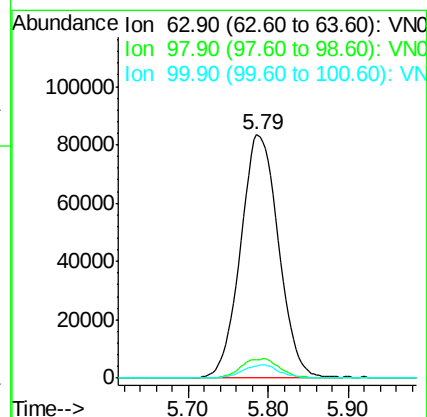
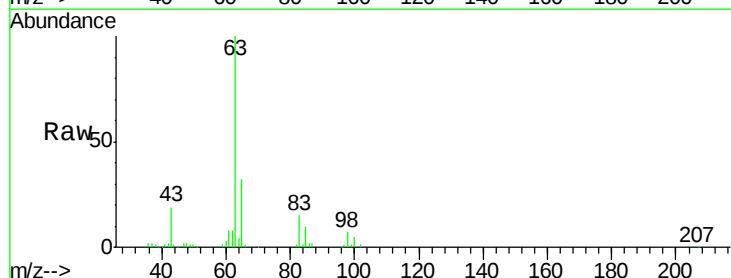
Tgt Ion: 63 Resp: 268505

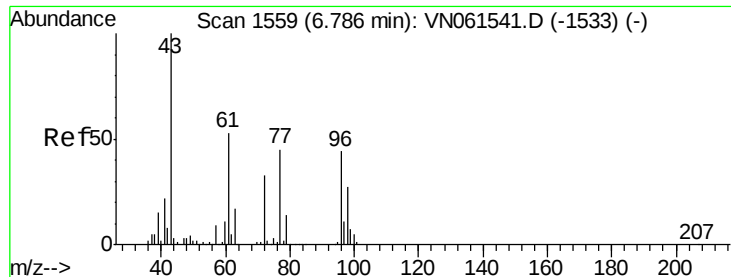
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 5.0 2.5 7.6

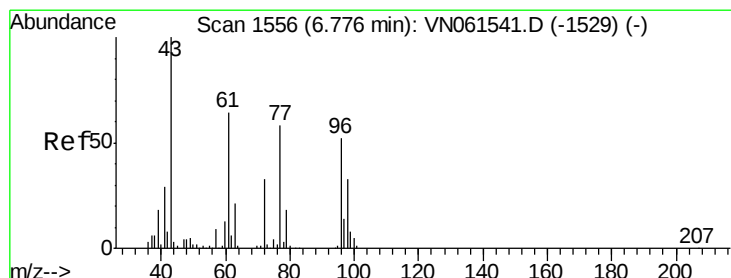
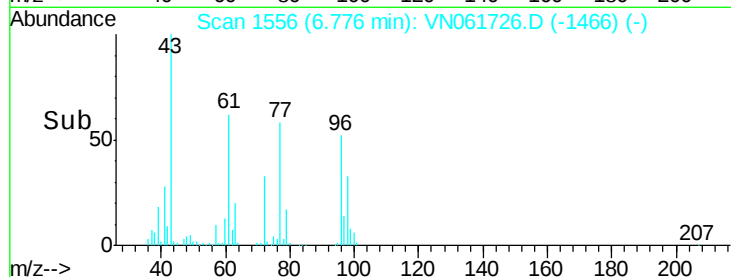
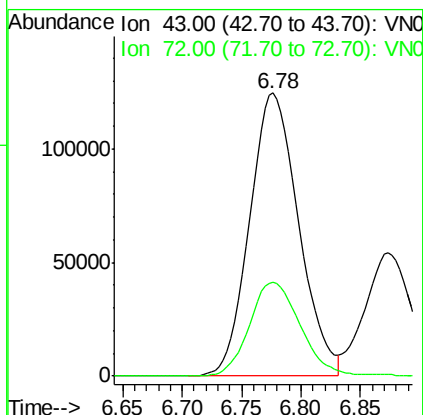
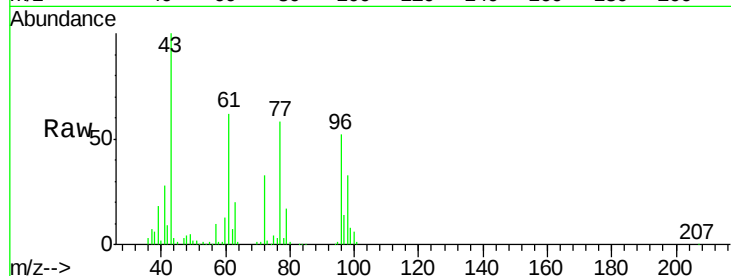




#25
2-Butanone
Concen: 186.613 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

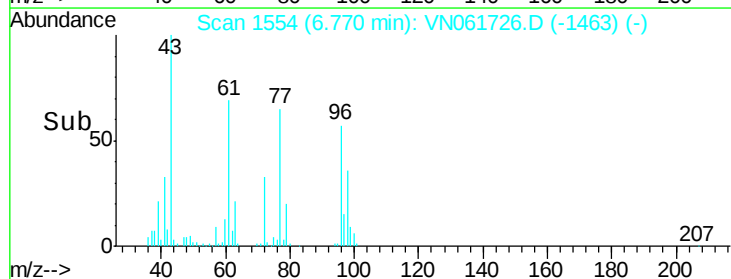
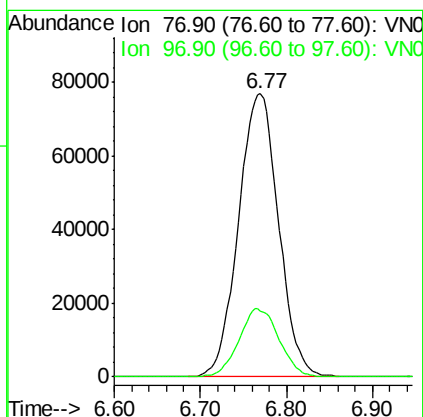
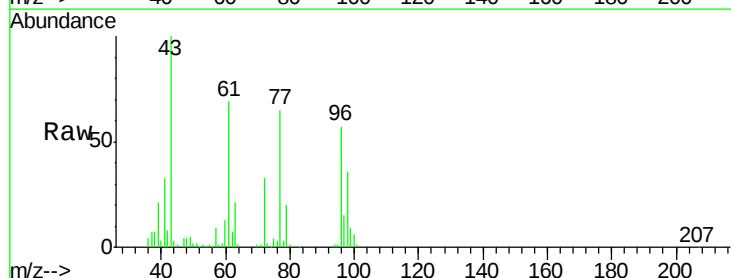
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

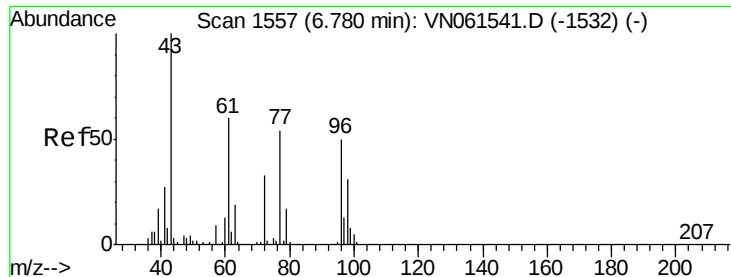
Tot Ion: 43 Resp: 354512
Ion Ratio Lower Upper
43 100
72 33.2 26.0 39.0



#26
2,2-Dichloropropane
Concen: 43.275 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 77 Resp: 248799
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 44.213 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

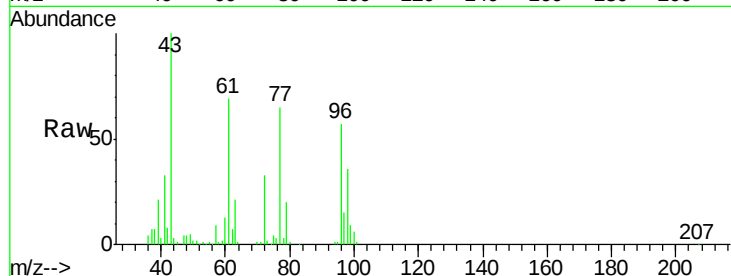
Tot Ion: 96 Resp: 194098

Ion Ratio Lower Upper

96 100

61 122.4 0.0 252.2

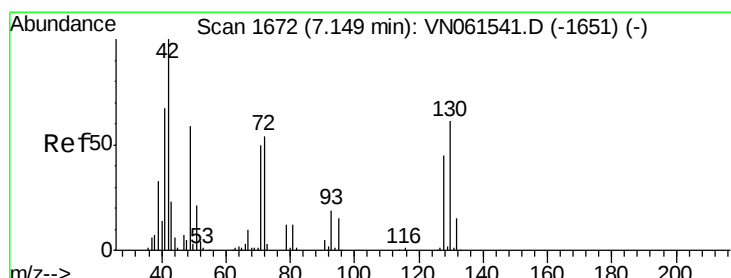
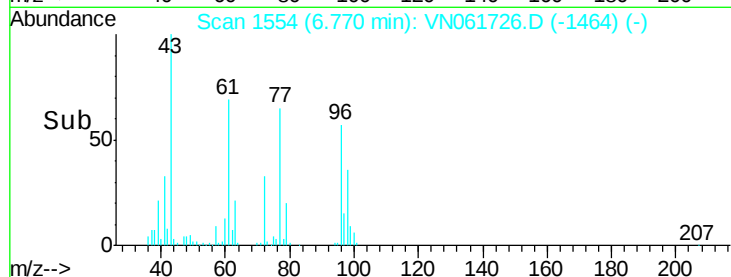
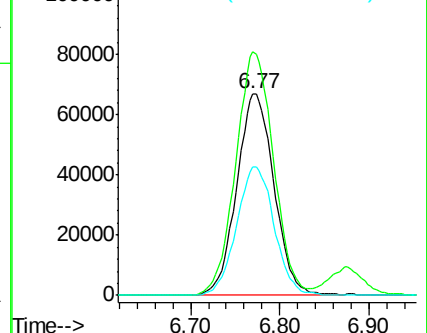
98 64.1 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061726.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061726.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061726.D (-1464) (-)



#28

Bromochloromethane

Concen: 47.067 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

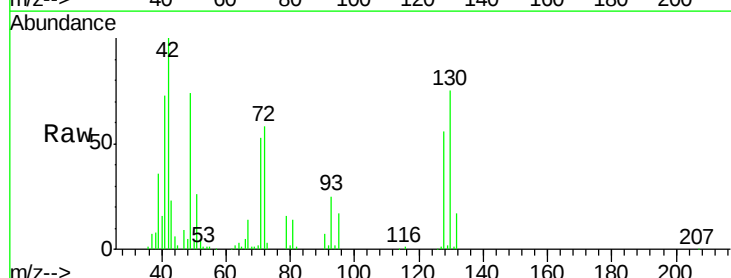
Tgt Ion: 49 Resp: 111182

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

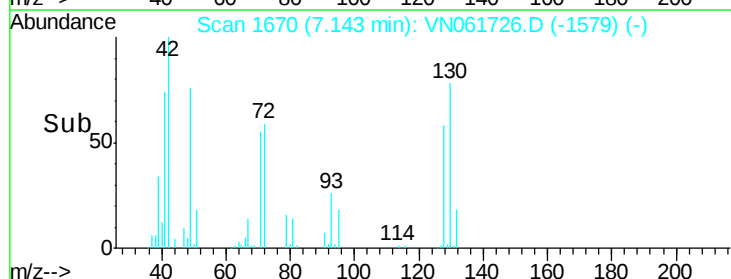
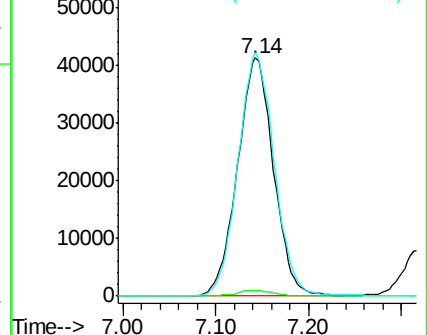
130 102.7 78.8 118.2

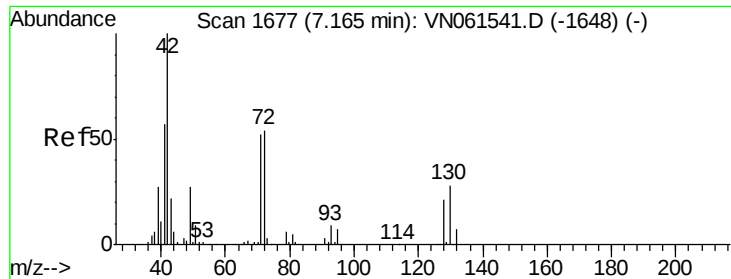


Abundance Ion 48.90 (48.60 to 49.60): VN061726.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061726.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061726.D (-1579) (-)

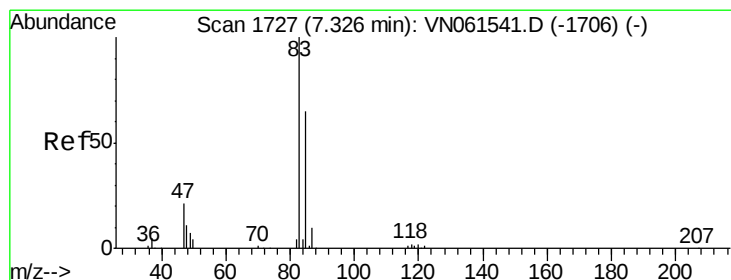
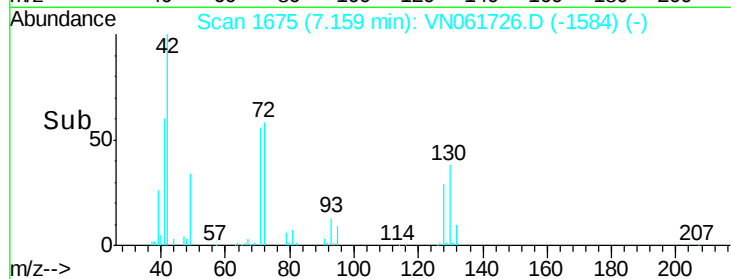
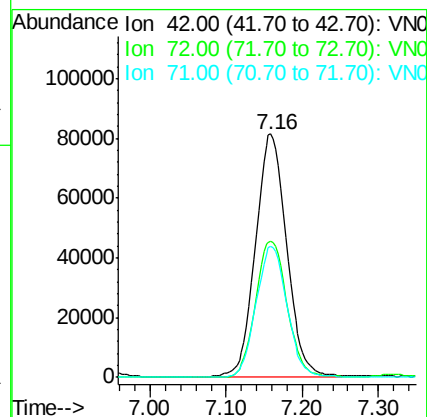
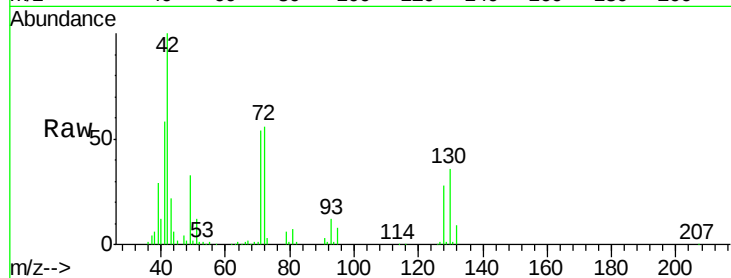




#29
Tetrahydrofuran
Concen: 185.917 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

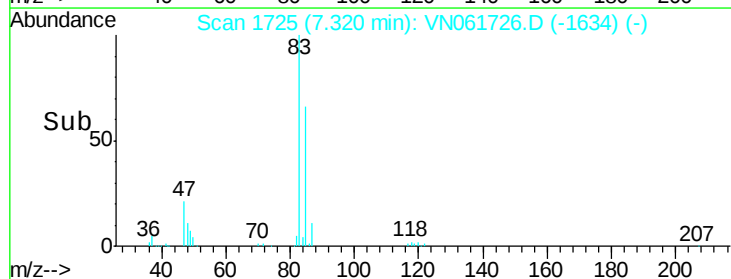
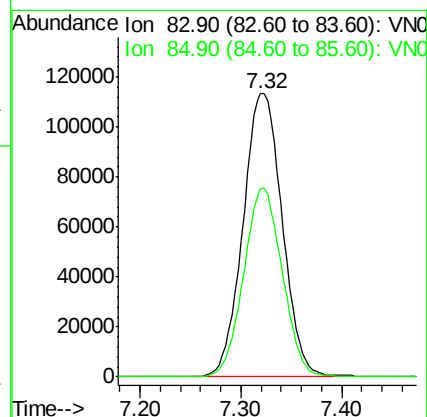
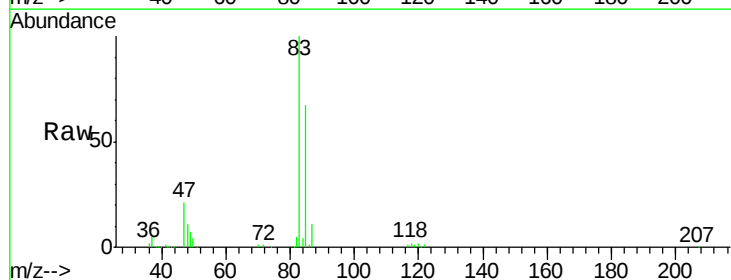
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

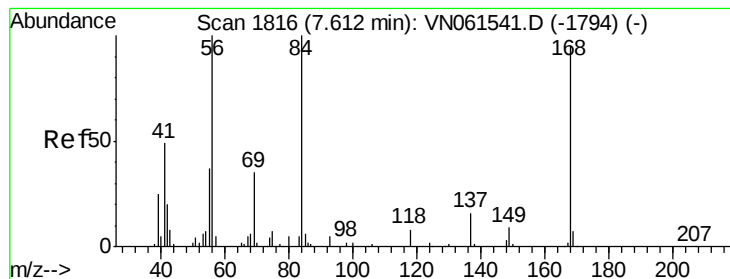
Tot Ion: 42 Resp: 232899
Ion Ratio Lower Upper
42 100
72 56.7 43.6 65.4
71 53.5 41.2 61.8



#30
Chloroform
Concen: 43.946 ug/l
RT: 7.32 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 83 Resp: 305393
Ion Ratio Lower Upper
83 100
85 66.5 51.7 77.5





#31

Cyclohexane

Concen: 39.362 ug/l

RT: 7.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

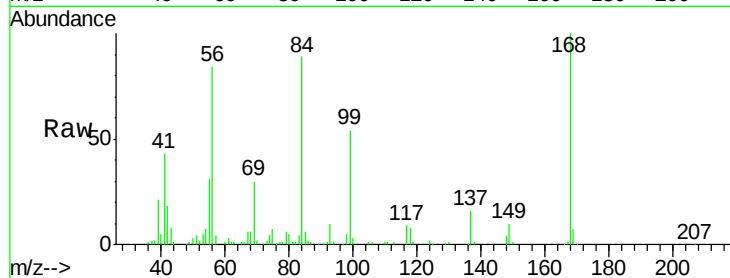
Tot Ion: 56 Resp: 222365

Ion Ratio Lower Upper

56 100

69 36.1 27.8 41.8

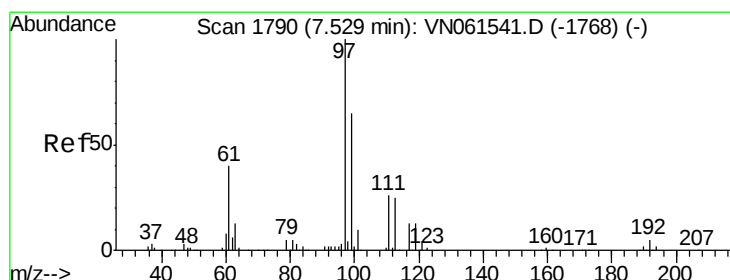
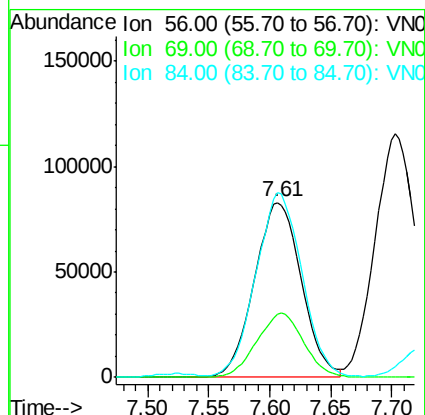
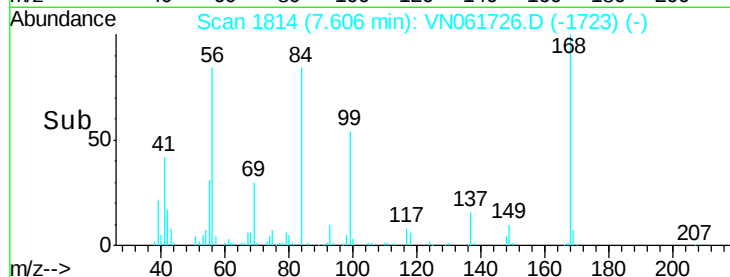
84 104.3 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061726.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061726.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061726.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 43.055 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

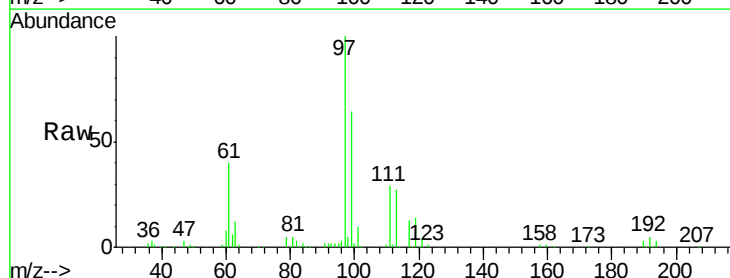
Tgt Ion: 97 Resp: 272634

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.0

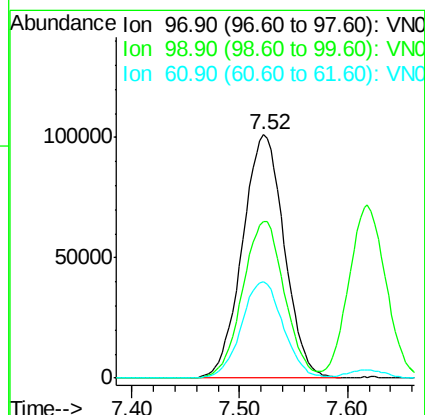
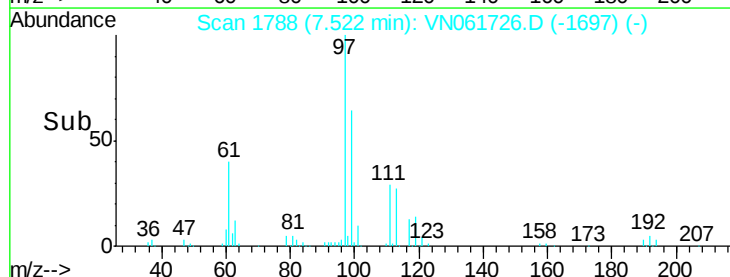
61 39.6 31.4 47.0

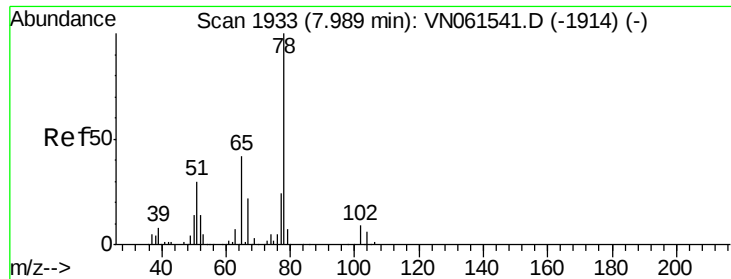


Abundance Ion 96.90 (96.60 to 97.60): VN061726.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061726.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061726.D (-1697) (-)

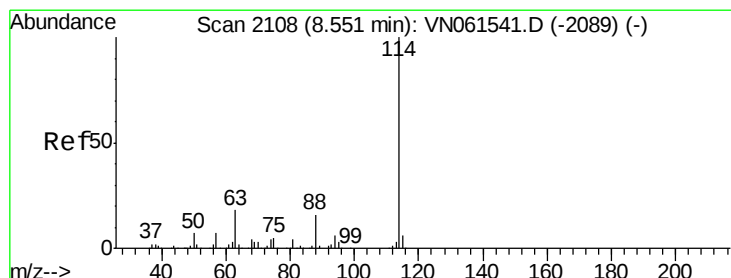
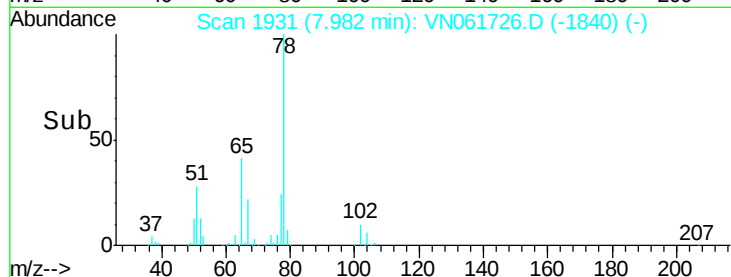
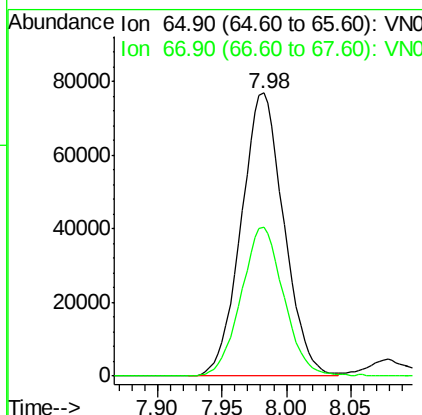
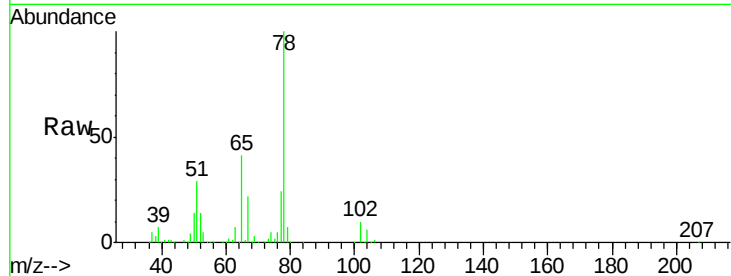




#33
 1,2-Dichloroethane-d4
 Concen: 44.317 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

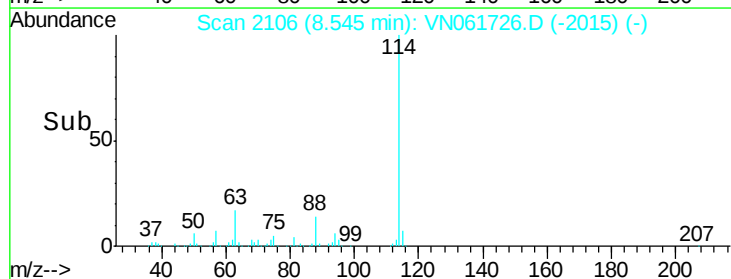
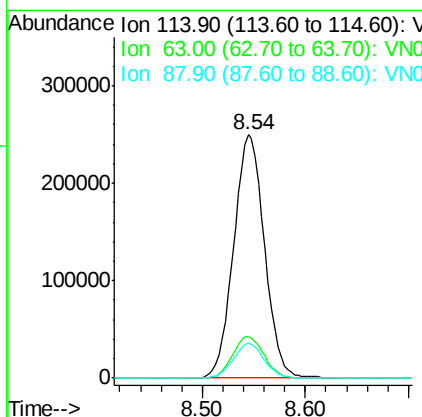
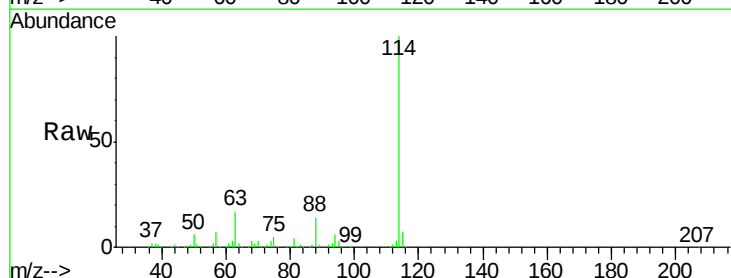
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

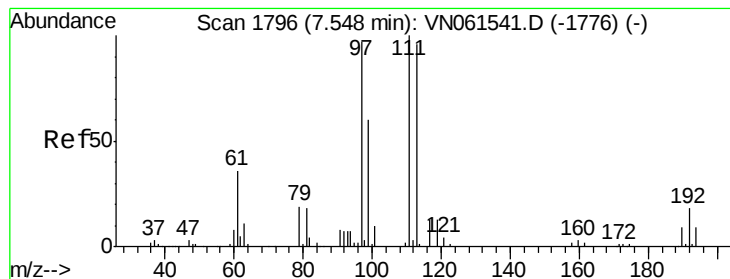
Tot Ion: 65 Resp: 177642
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion: 114 Resp: 519572
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.8
 88 14.3 0.0 31.0

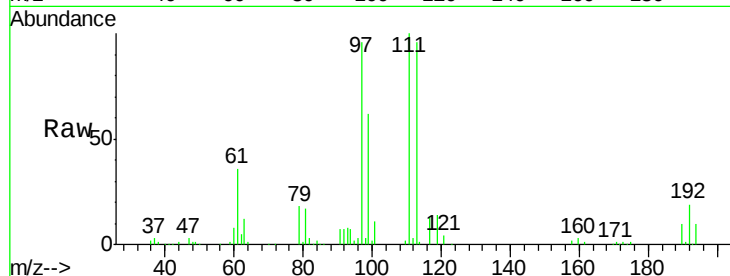




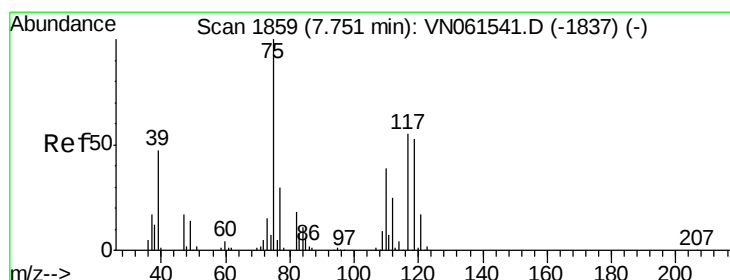
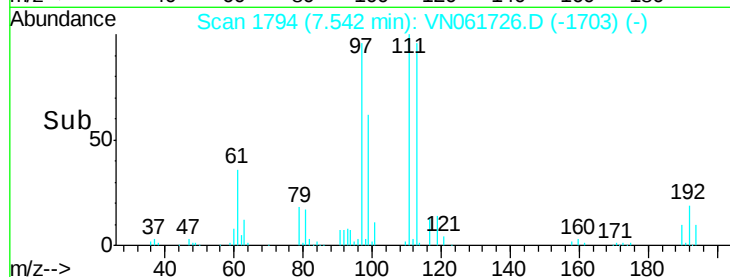
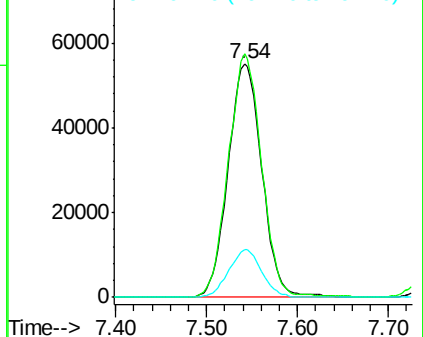
#35
 Dibromofluoromethane
 Concen: 53.859 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.0
192	19.8	15.4	23.2

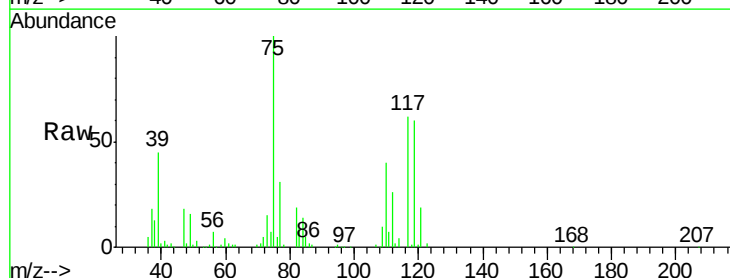


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

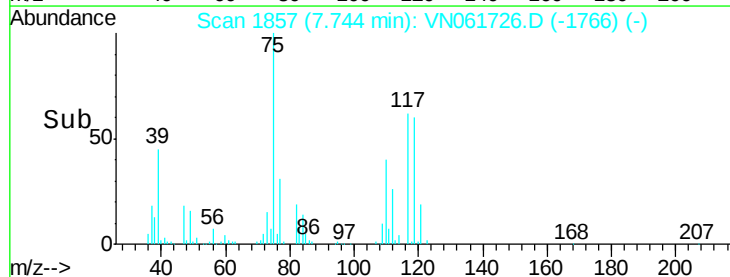
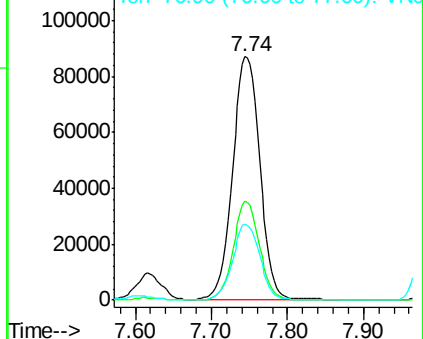


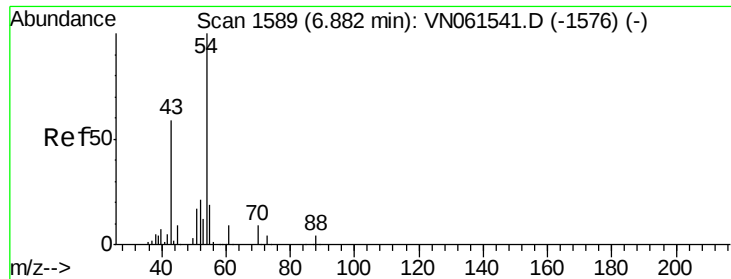
#36
 1,1-Dichloropropene
 Concen: 47.396 ug/l
 RT: 7.74 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.5	58.5
77	31.2	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

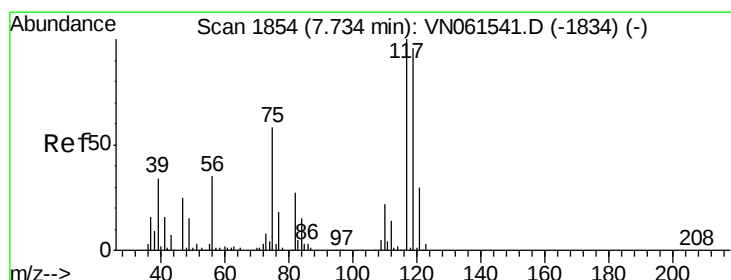
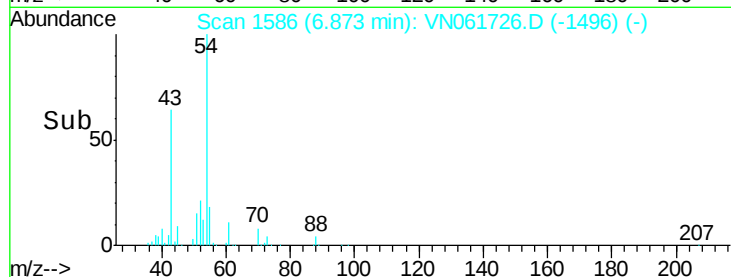
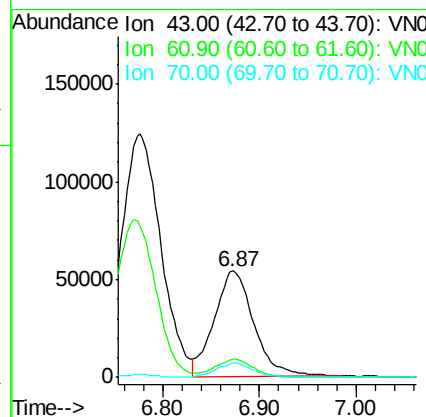
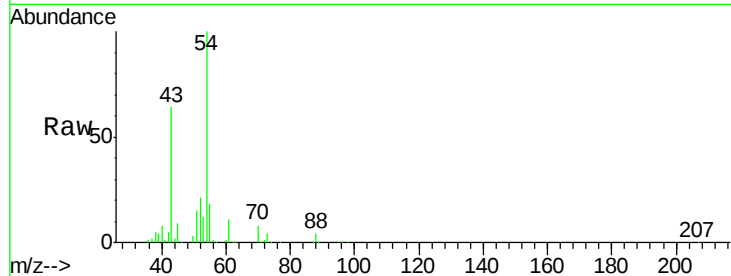




#37
Ethyl Acetate
Concen: 41.427 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

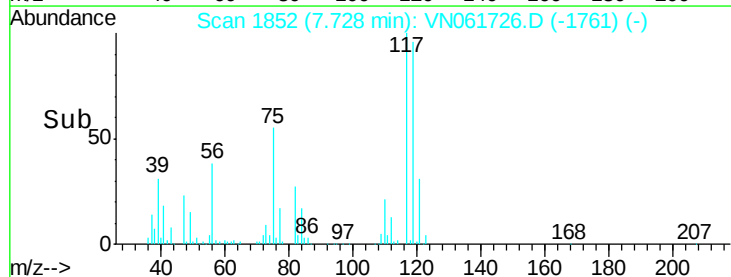
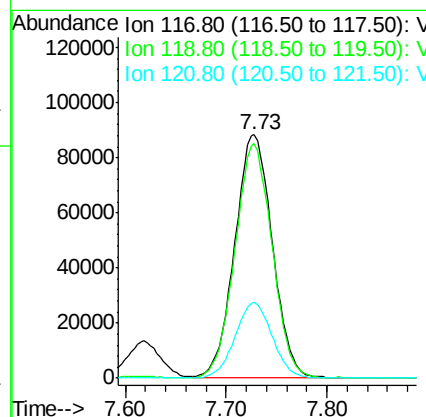
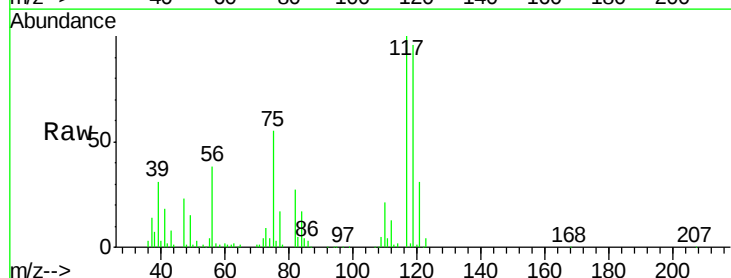
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

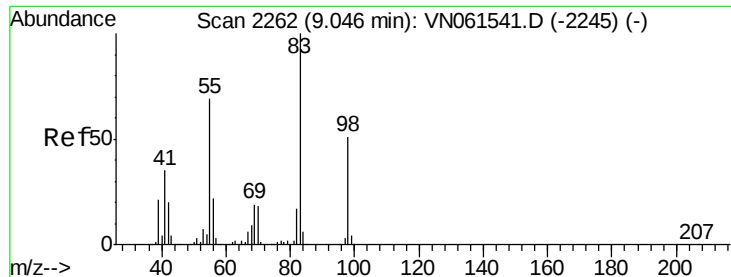
Tot Ion: 43 Resp: 153472
Ion Ratio Lower Upper
43 100
61 16.5 12.2 18.4
70 12.7 9.4 14.2



#38
Carbon Tetrachloride
Concen: 51.391 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 117 Resp: 228003
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7
121 31.1 24.1 36.1

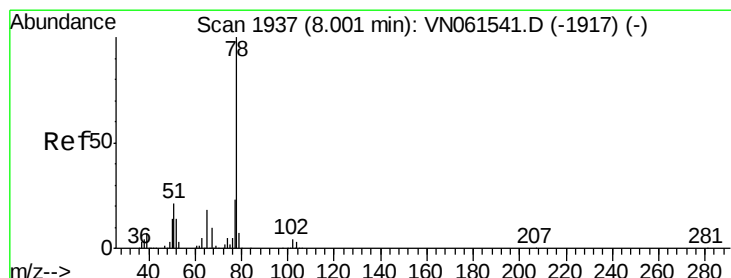
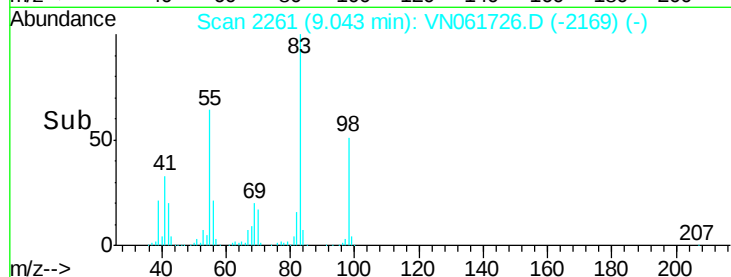
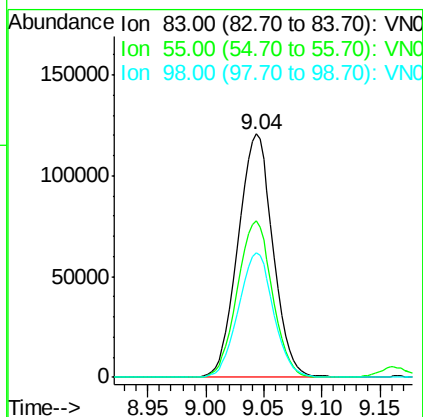
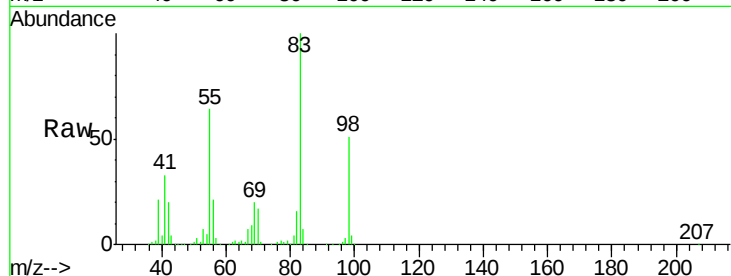




#39
Methvlcvclohexane
Concen: 44.634 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

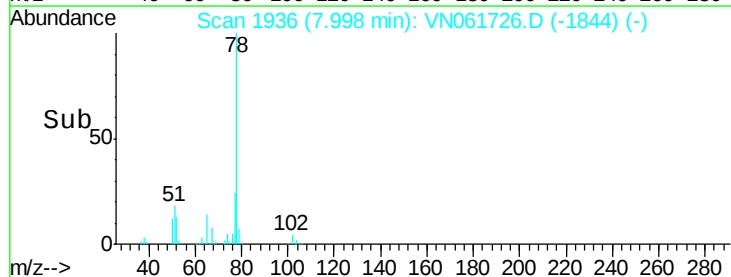
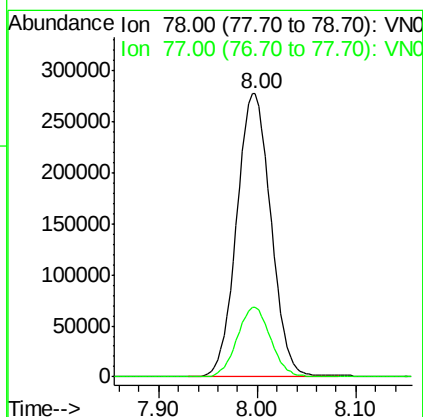
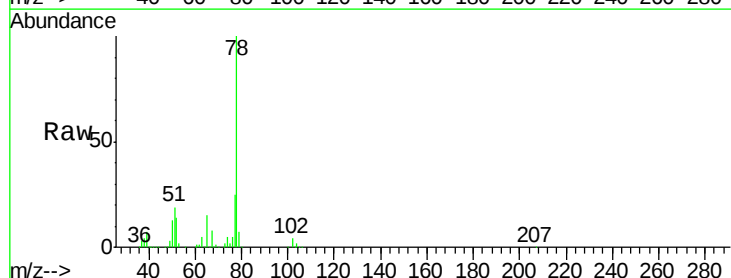
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

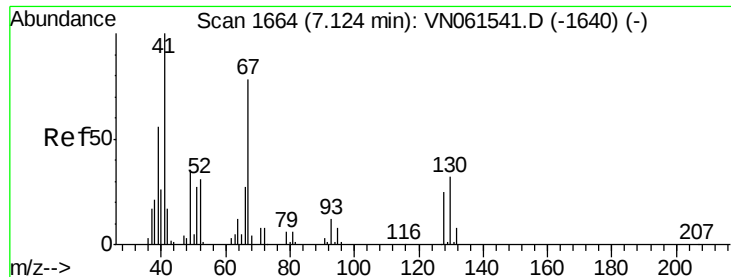
Tot Ion: 83 Resp: 253041
Ion Ratio Lower Upper
83 100
55 64.2 54.9 82.3
98 51.4 41.0 61.4



#40
Benzene
Concen: 47.012 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 78 Resp: 667190
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0

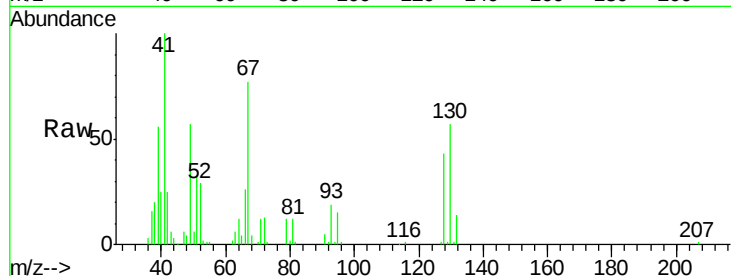




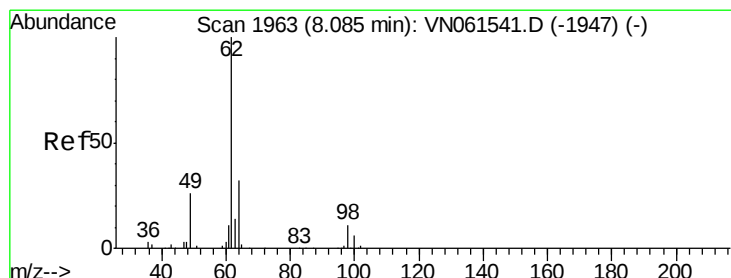
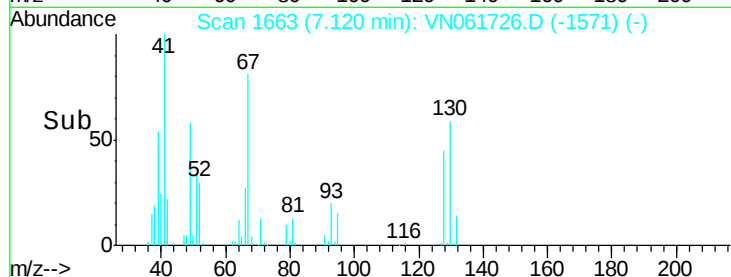
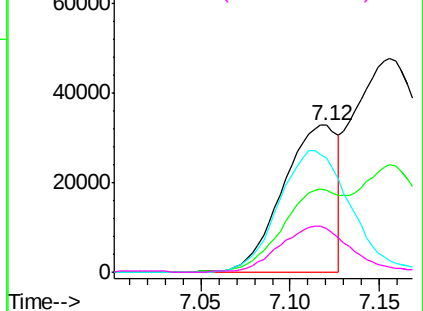
#41
Methacrylonitrile
Concen: 41.018 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 69621
Ion Ratio Lower Upper
41 100
39 61.2 53.8 80.6
67 109.3 91.1 136.7
52 41.3 36.0 54.0

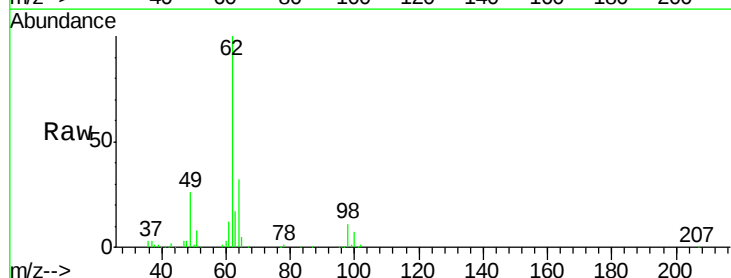


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

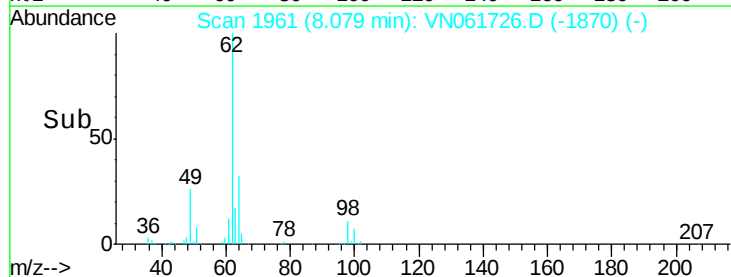
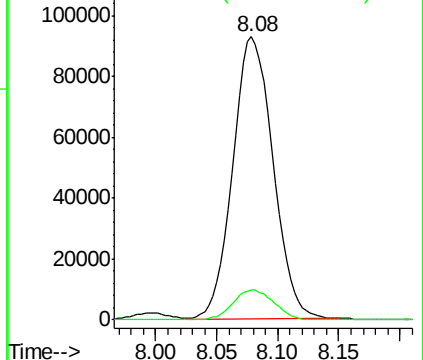


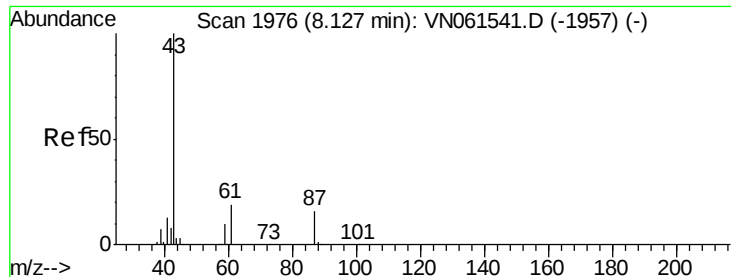
#42
1,2-Dichloroethane
Concen: 44.703 ug/l
RT: 8.08 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 62 Resp: 212391
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 40.111 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

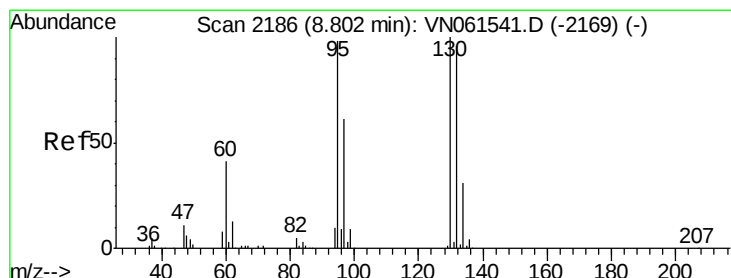
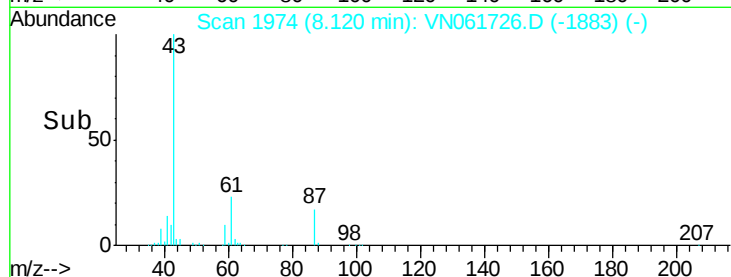
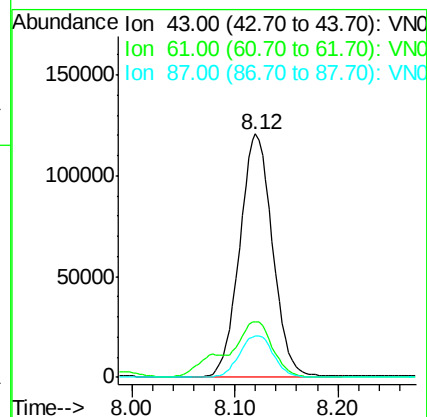
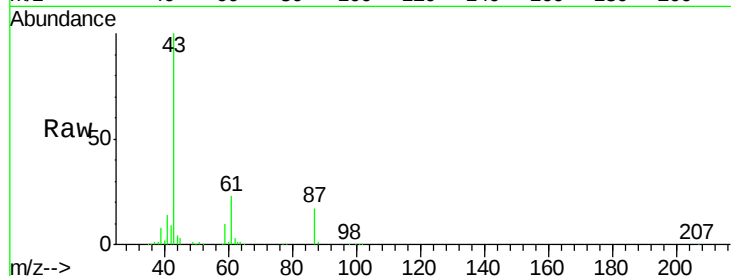
Tot Ion: 43 Resp: 267344

Ion Ratio Lower Upper

43 100

61 23.0 23.6 35.4#

87 17.8 13.0 19.6



#44

Trichloroethene

Concen: 46.906 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN061726.D

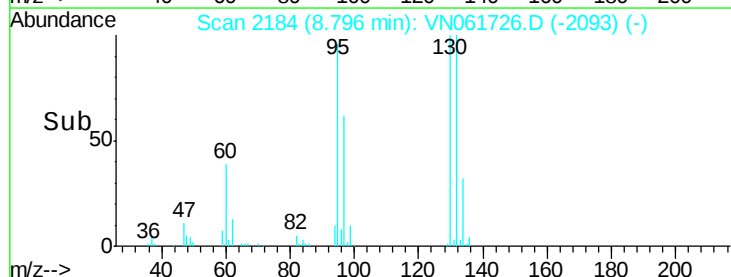
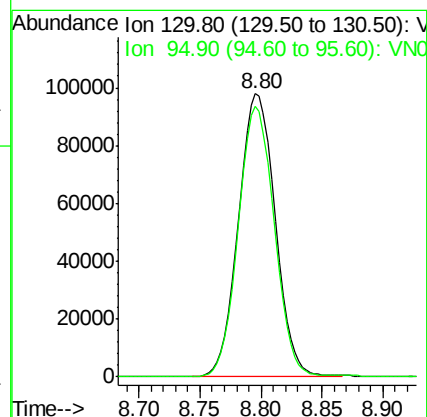
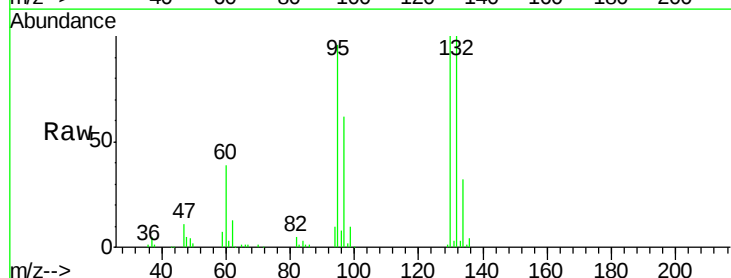
Acq: 9 Jun 2020 16:01

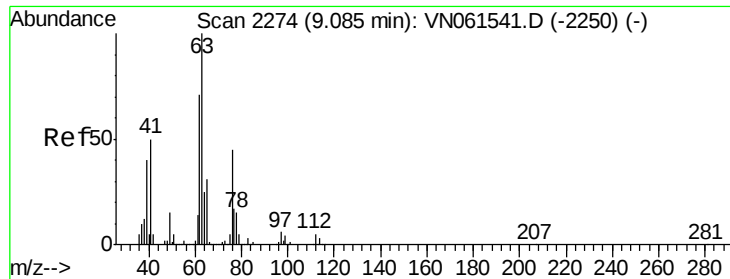
Tgt Ion:130 Resp: 204581

Ion Ratio Lower Upper

130 100

95 95.6 0.0 196.6

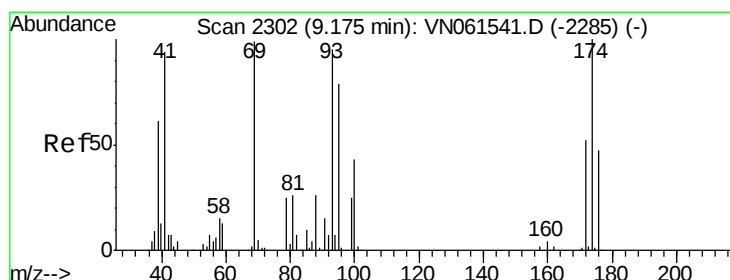
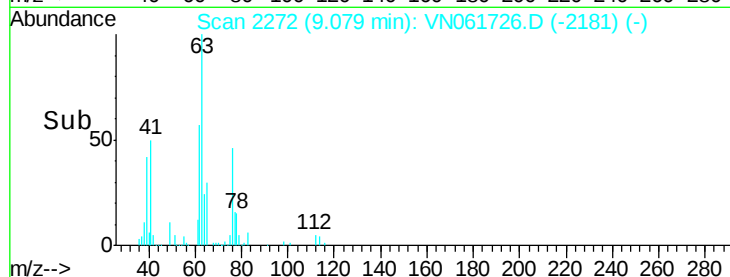
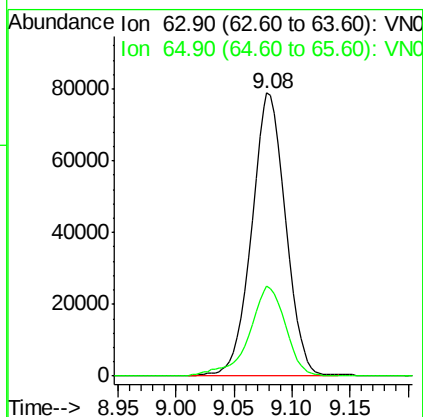
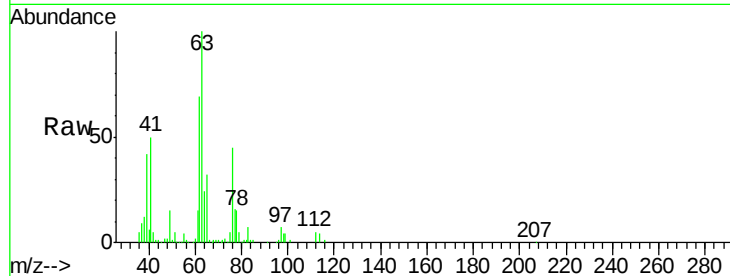




#45
 1,2-Dichloropropane
 Concen: 47.813 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

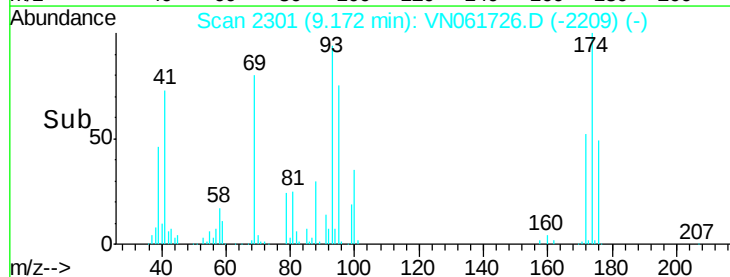
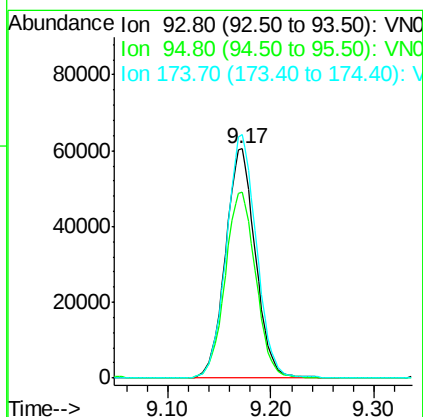
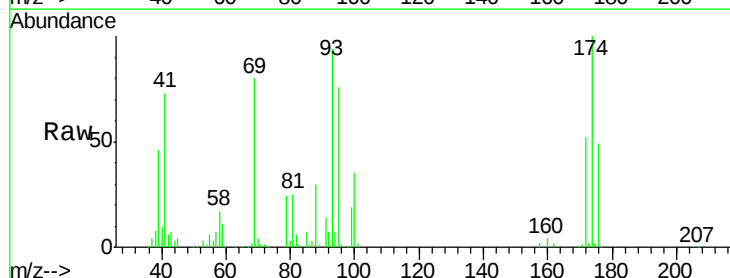
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

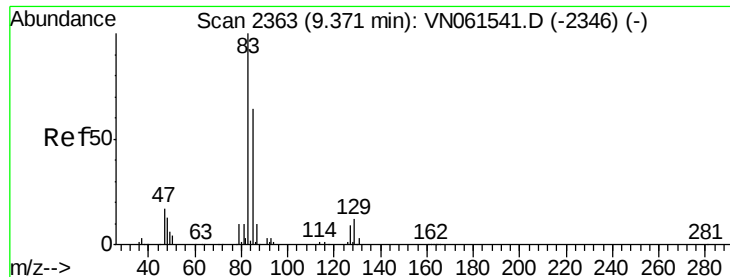
Tot Ion: 63 Resp: 161124
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.7 37.1



#46
 Dibromomethane
 Concen: 47.322 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion: 93 Resp: 122306
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.0 99.0
 174 106.7 82.5 123.7





#47

Bromodichloromethane

Concen: 48.513 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

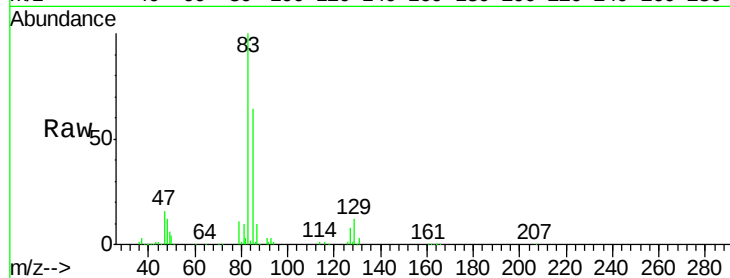
Tot Ion: 83 Resp: 248414

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7

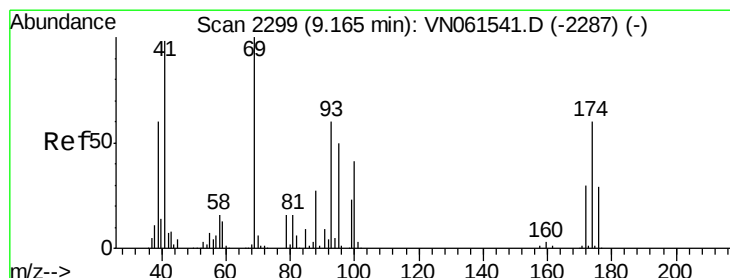
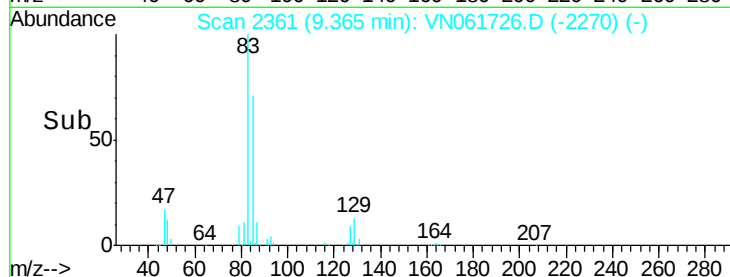
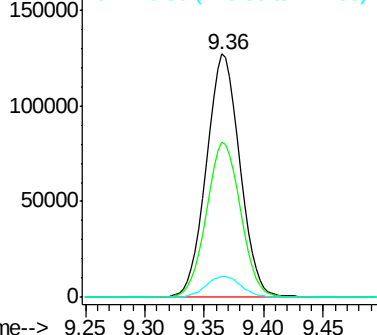
127 8.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061726.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061726.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061726.D (-2270) (-)



#48

Methyl methacrylate

Concen: 39.295 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

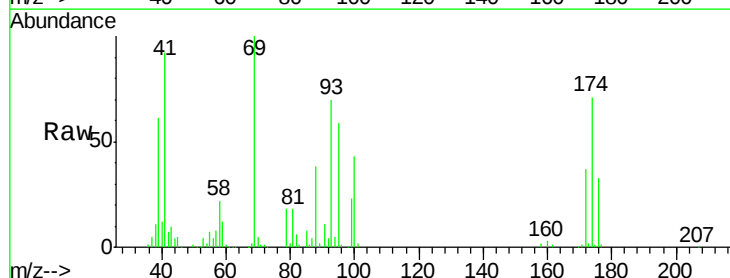
Tgt Ion: 41 Resp: 117835

Ion Ratio Lower Upper

41 100

69 111.4 83.9 125.9

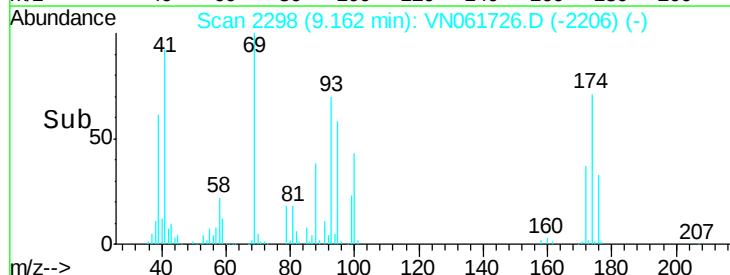
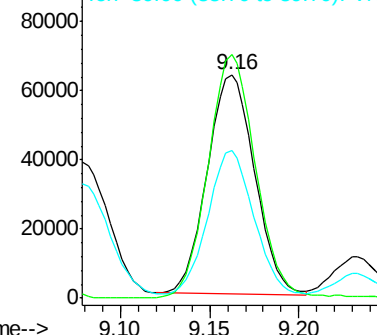
39 67.1 52.1 78.1

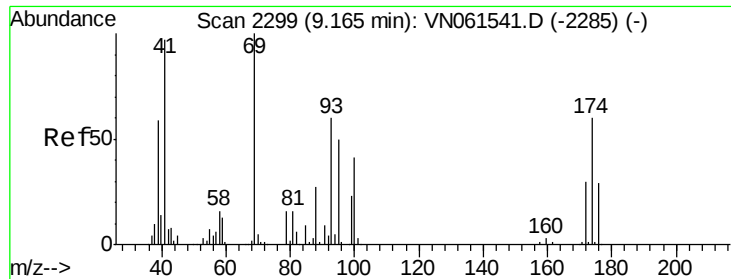


Abundance Ion 41.00 (40.70 to 41.70): VN061726.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061726.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061726.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1180.900 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

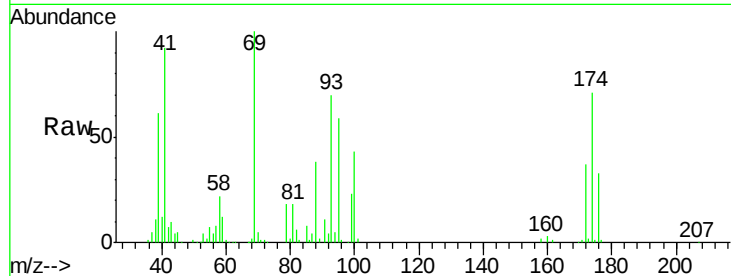
Tot Ion: 88 Resp: 54859

Ion Ratio Lower Upper

88 100

43 23.7 23.1 34.7

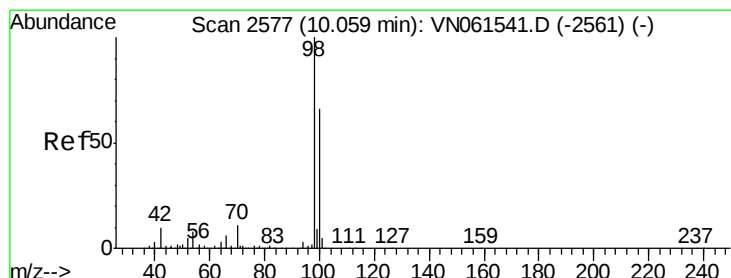
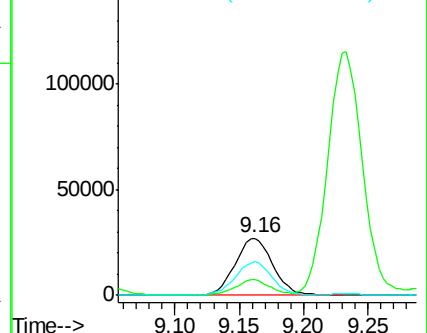
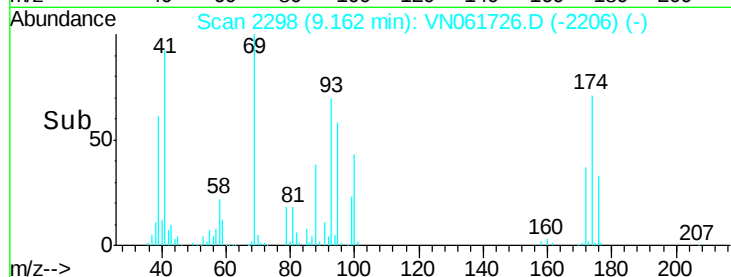
58 56.9 48.3 72.5



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.680 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061726.D

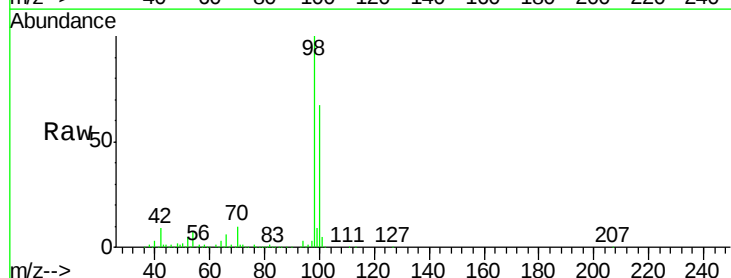
Acq: 9 Jun 2020 16:01

Tgt Ion: 98 Resp: 619016

Ion Ratio Lower Upper

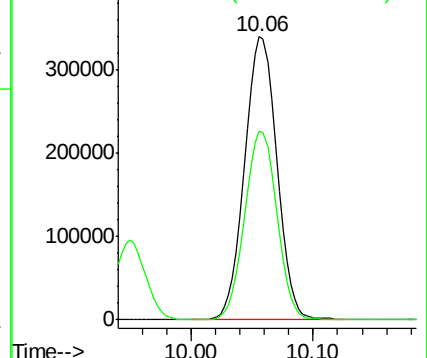
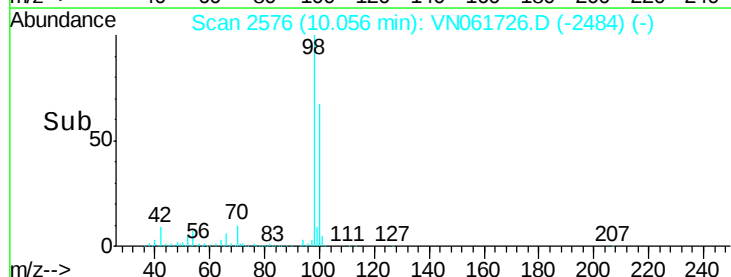
98 100

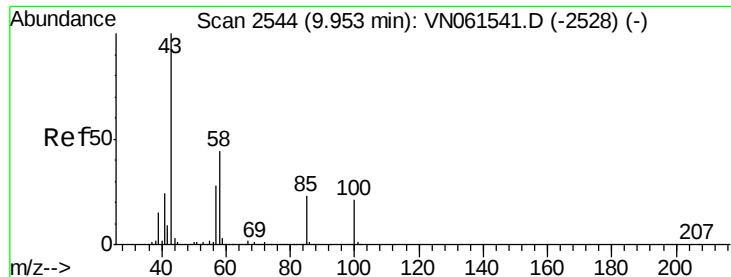
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 207.244 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

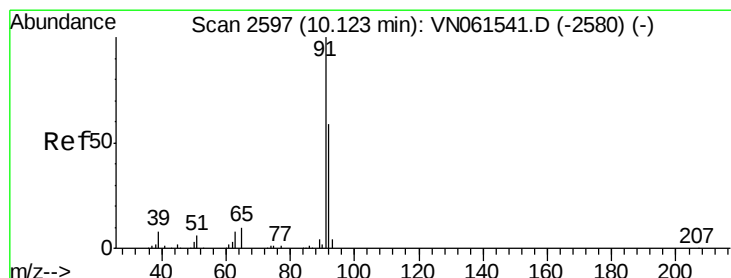
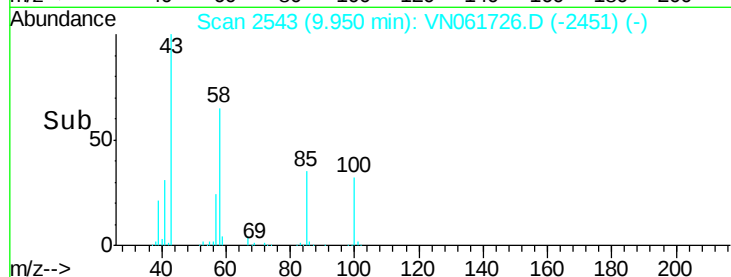
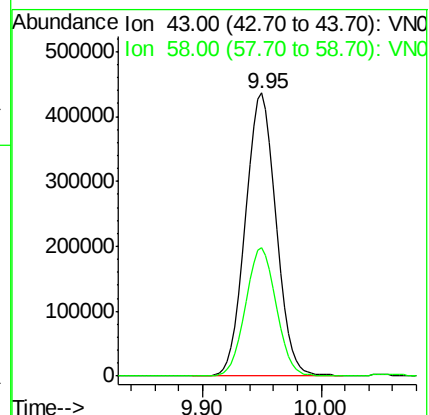
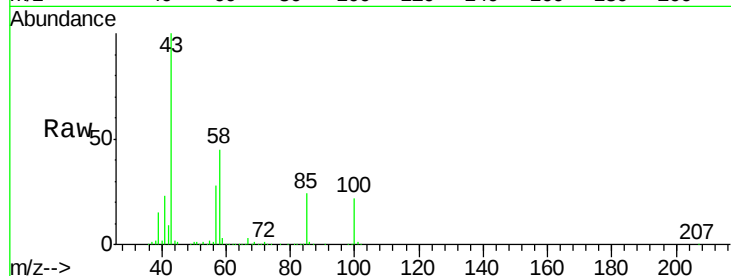
VSTDCCC050EC

Tot Ion: 43 Resp: 778395

Ion Ratio Lower Upper

43 100

58 45.5 35.0 52.6



#52

Toluene

Concen: 49.313 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN061726.D

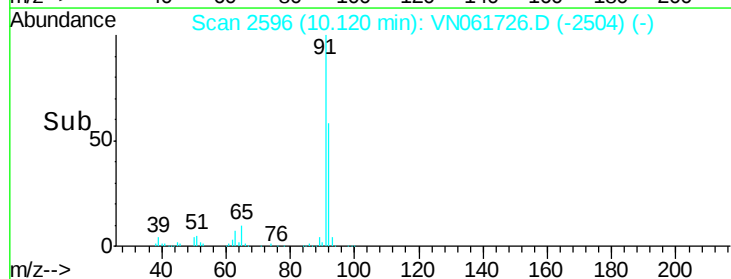
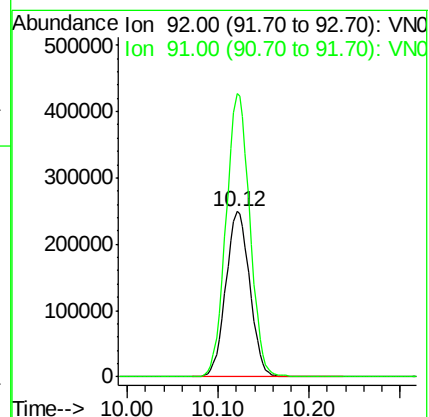
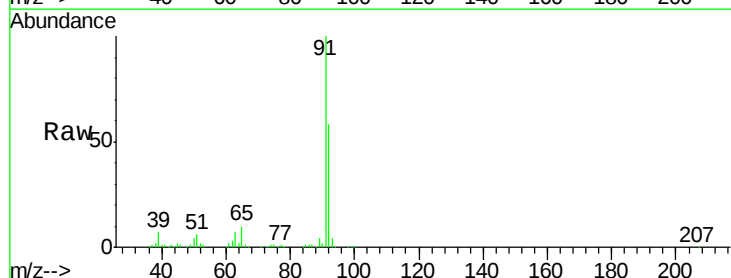
Acq: 9 Jun 2020 16:01

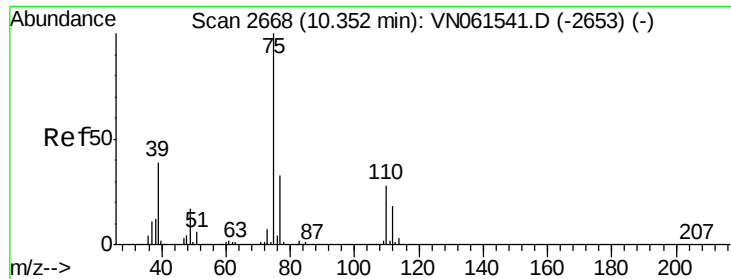
Tgt Ion: 92 Resp: 456772

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 47.849 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

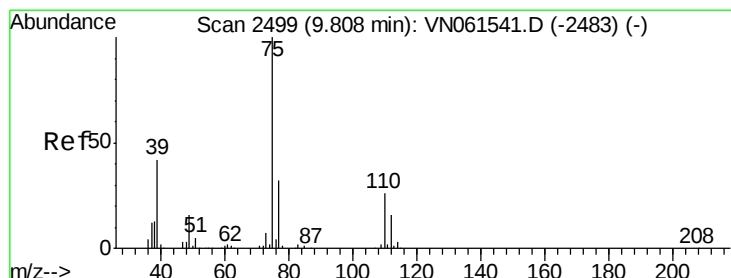
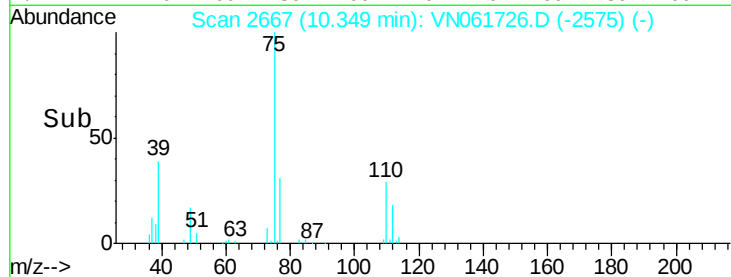
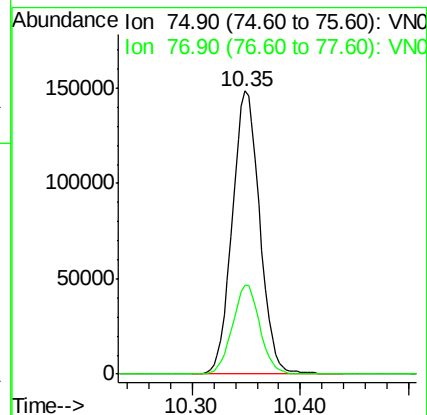
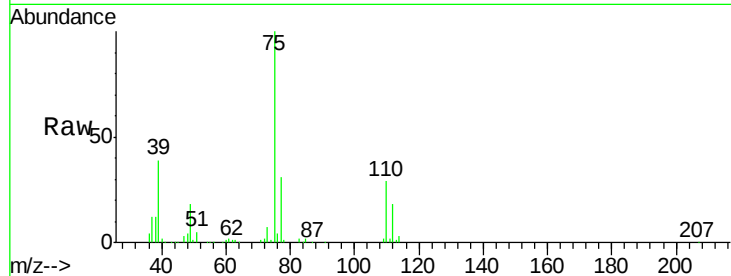
VSTDCCC050EC

Tot Ion: 75 Resp: 263941

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 48.437 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

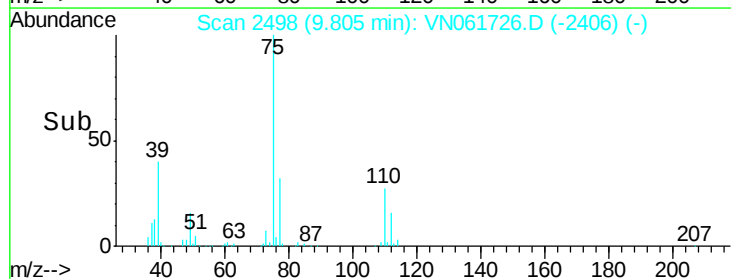
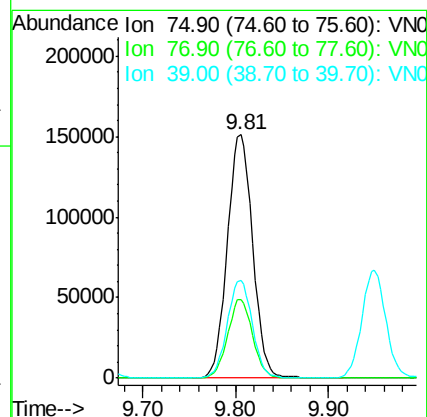
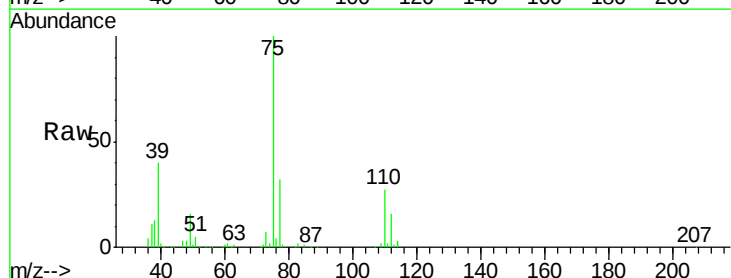
Tgt Ion: 75 Resp: 287286

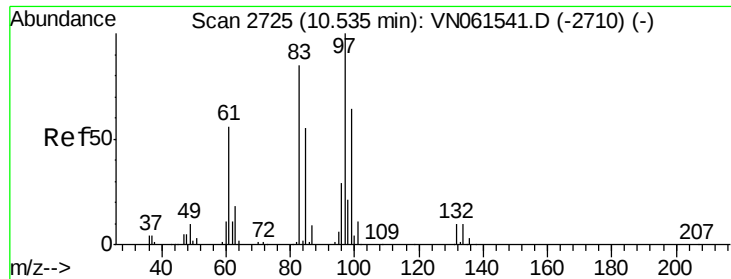
Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 40.4 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 48.739 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 179865

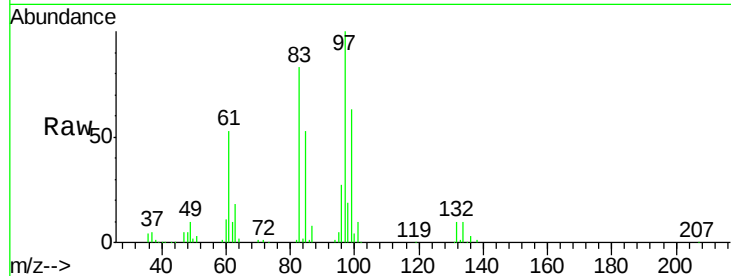
Ion Ratio Lower Upper

97 100

83 83.0 68.1 102.1

85 53.5 44.1 66.1

99 62.8 51.1 76.7



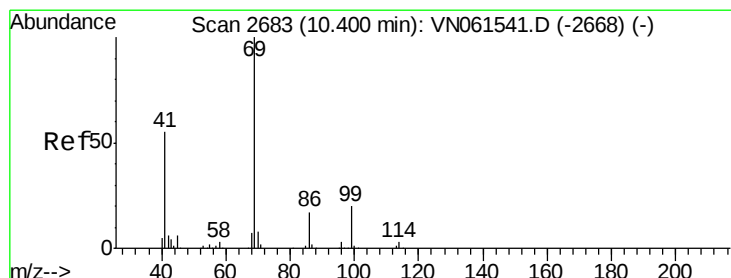
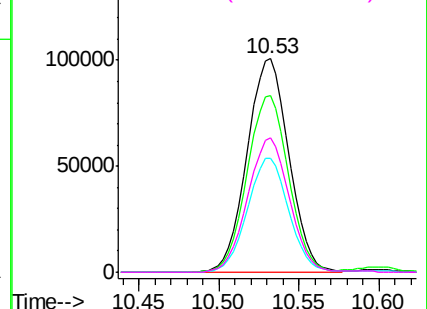
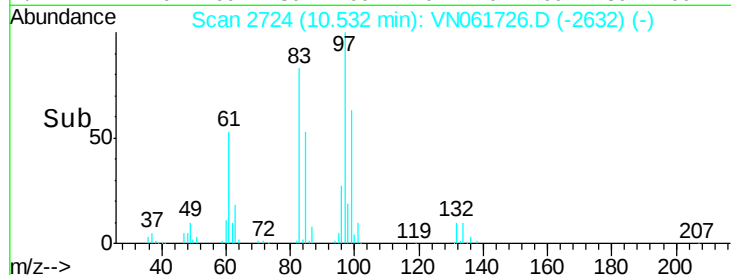
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 45.280 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

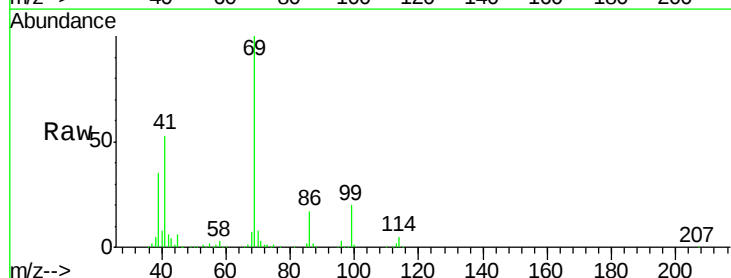
Tgt Ion: 69 Resp: 233419

Ion Ratio Lower Upper

69 100

41 51.7 43.5 65.3

39 33.7 27.0 40.6

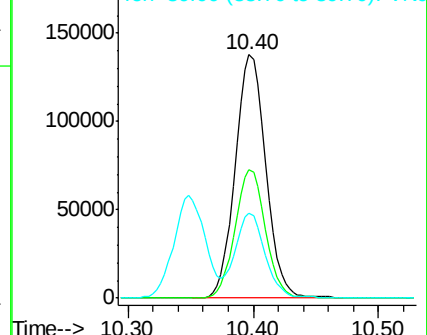
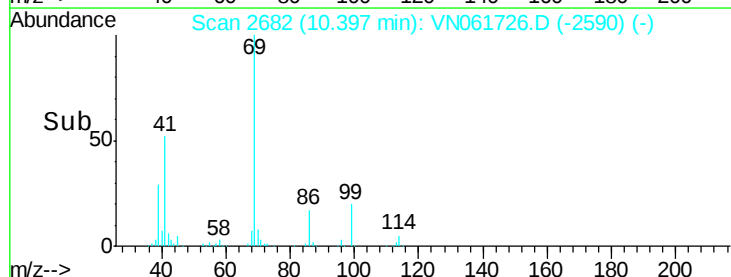


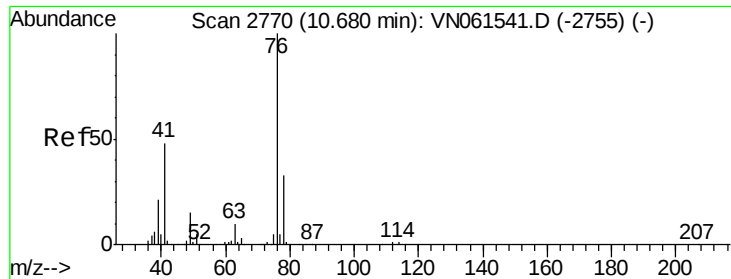
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

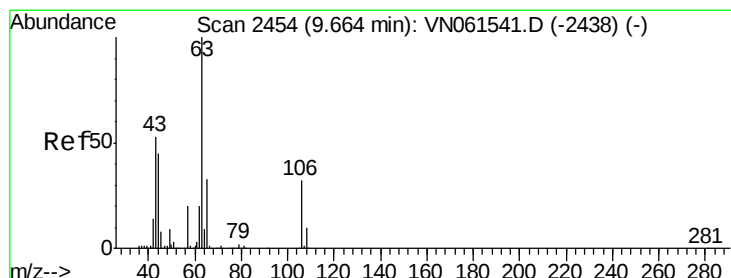
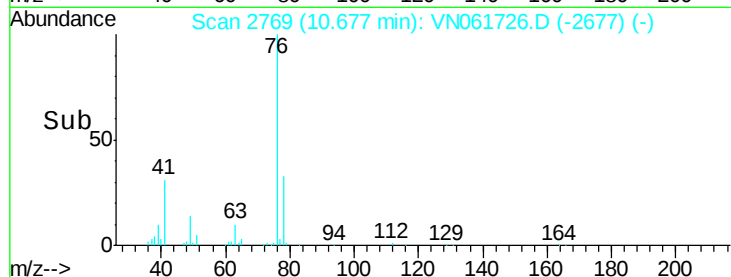
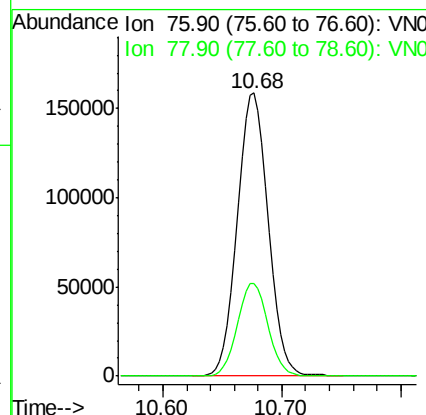
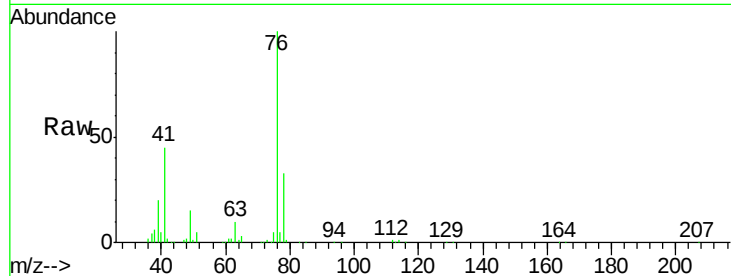




#57
 1,3-Dichloropropane
 Concen: 48.516 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

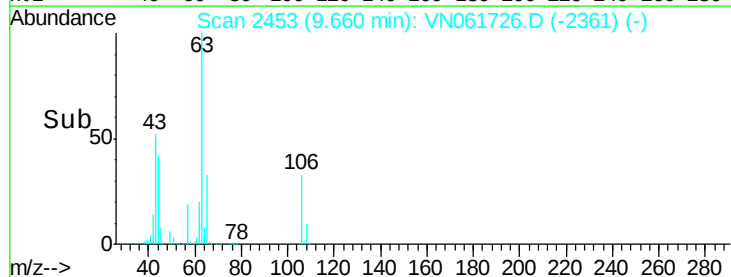
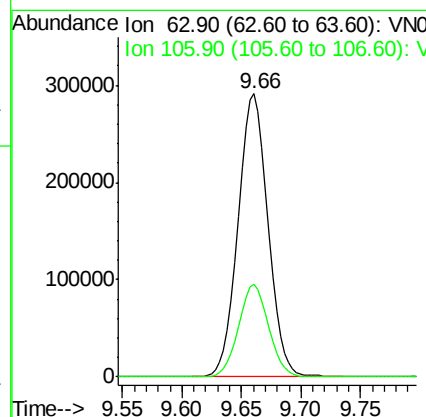
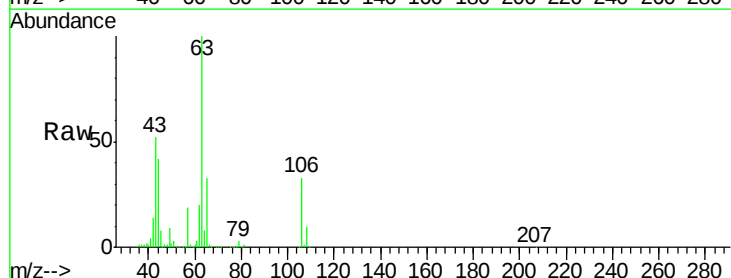
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

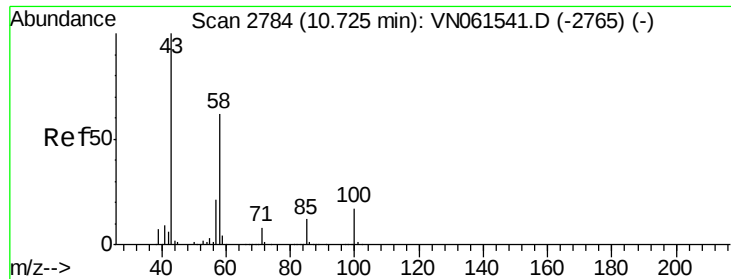
Tot Ion: 76 Resp: 286354
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.928 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion: 63 Resp: 508731
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.9 38.9

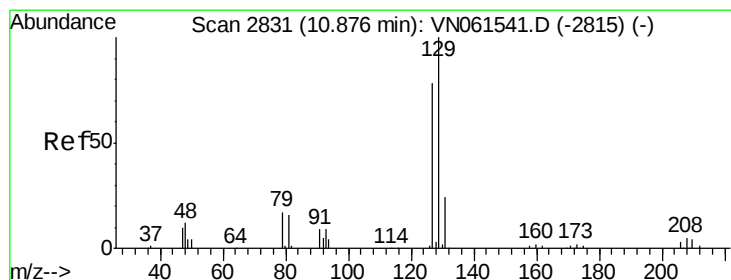
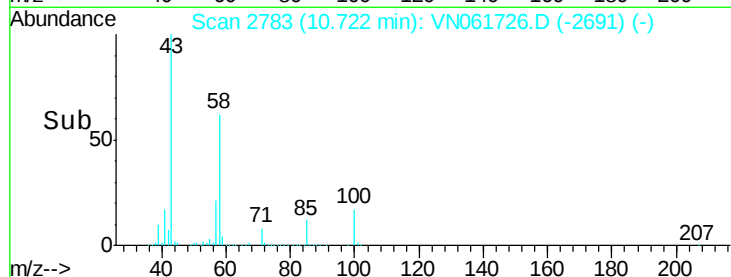
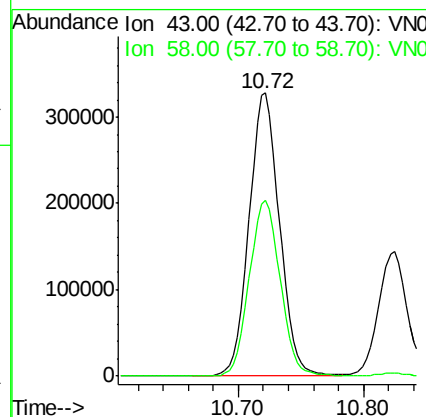
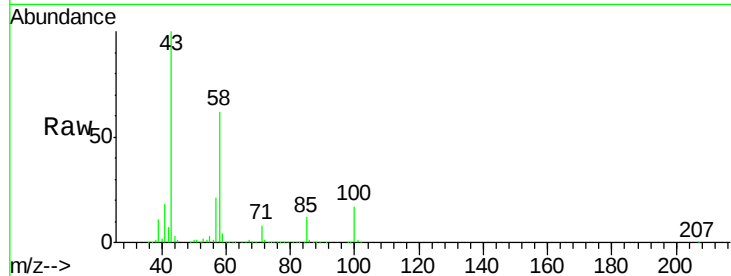




#59
2-Hexanone
Concen: 205.085 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

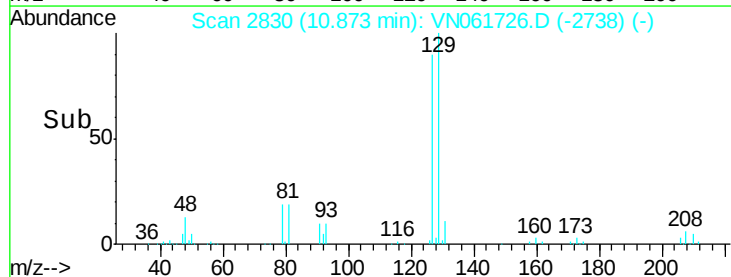
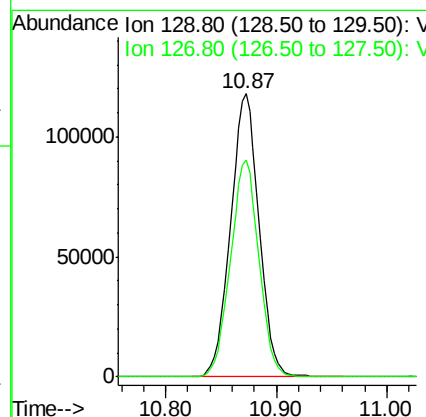
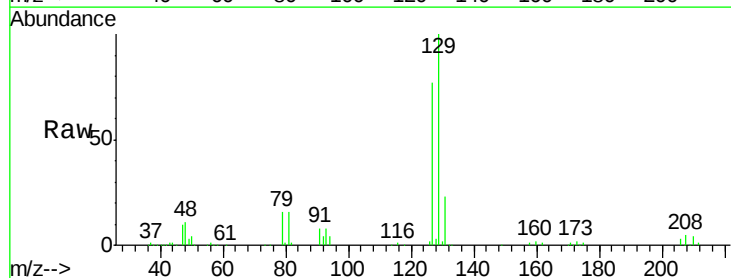
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

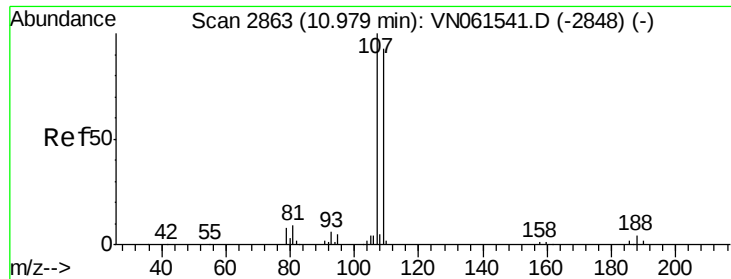
Tot Ion: 43 Resp: 553198
Ion Ratio Lower Upper
43 100
58 63.4 30.7 92.1



#60
Dibromochloromethane
Concen: 50.191 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 129 Resp: 210573
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3

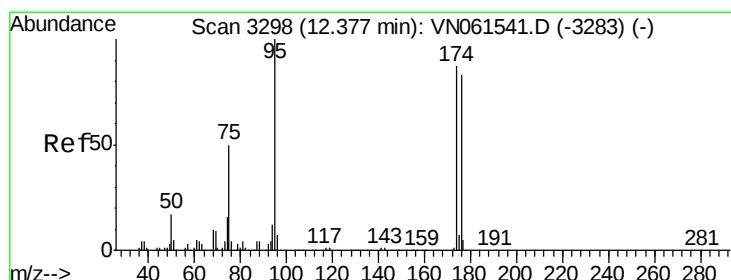
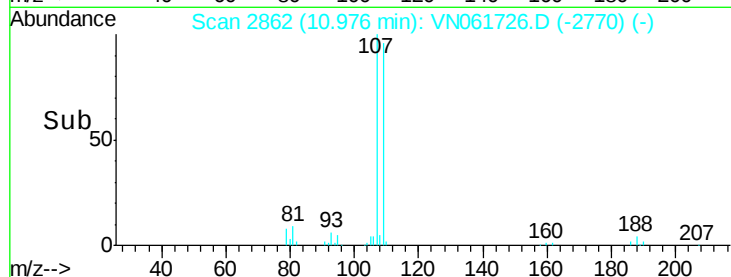
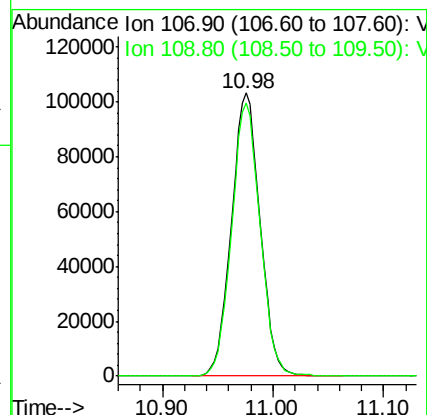
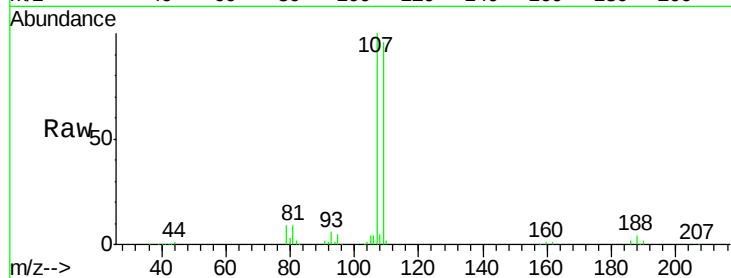




#61
 1,2-Dibromoethane
 Concen: 48.244 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

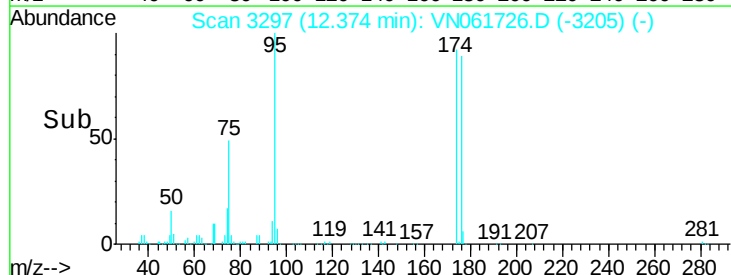
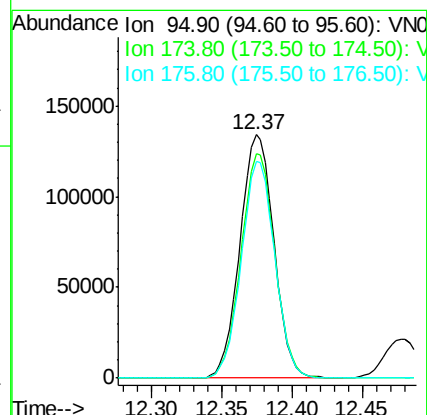
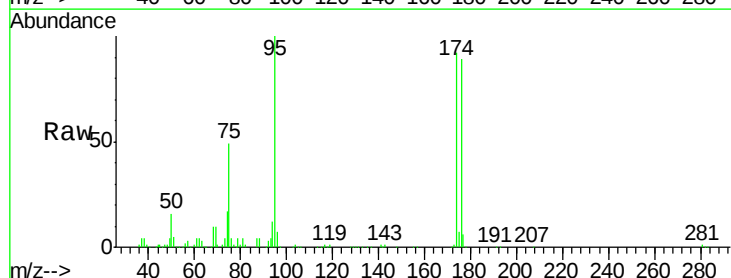
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

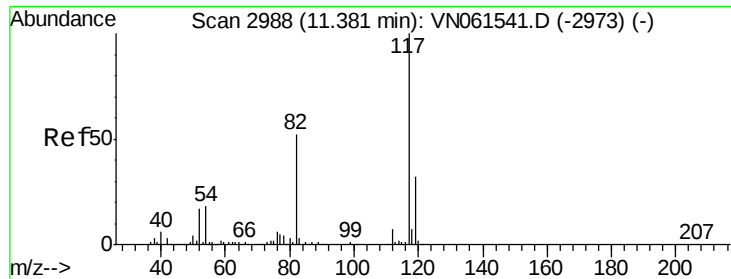
Tot Ion:107 Resp: 185685
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.909 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion: 95 Resp: 226856
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 172.8
 176 87.8 0.0 164.8

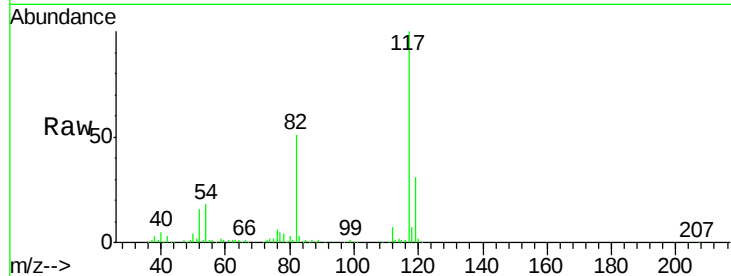




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.5	62.3
119	31.5	25.6	38.4

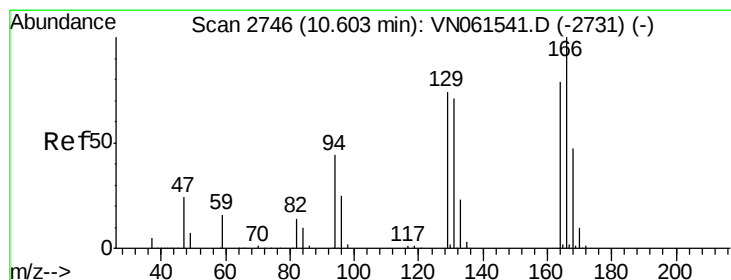
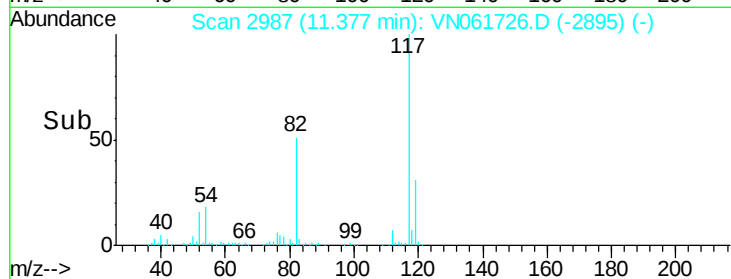
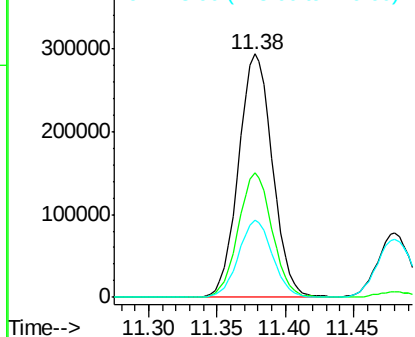


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.369 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.5	152.3
129	88.5	74.9	112.3
131	86.7	72.2	108.2

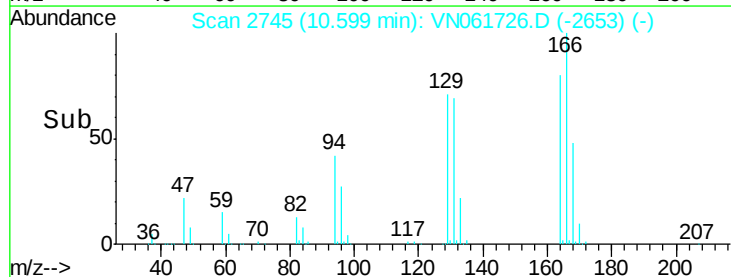
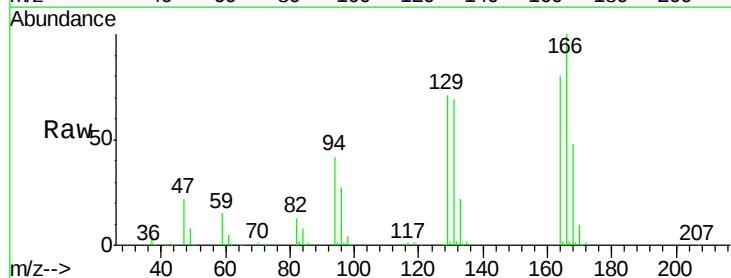
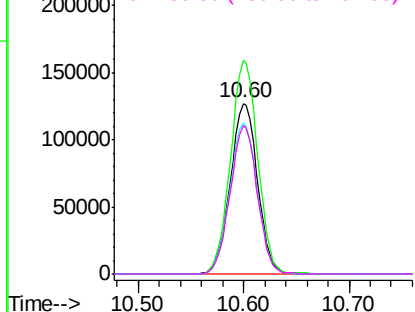
Abundance

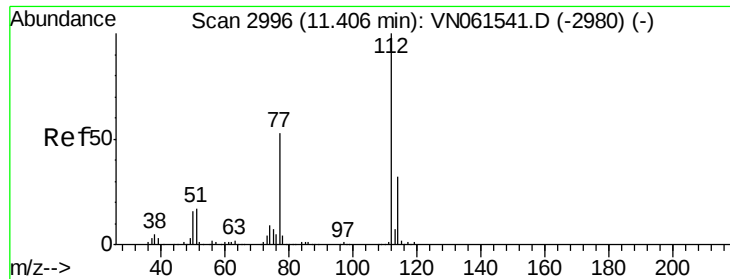
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.919 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

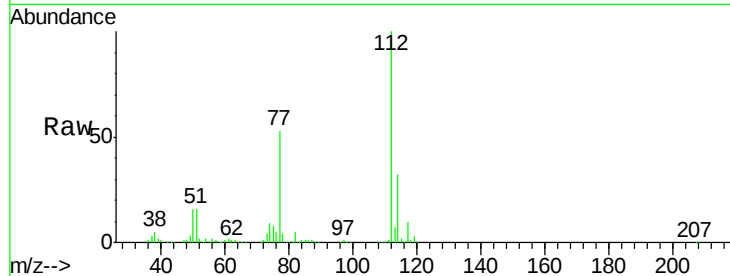
VSTDCCC050EC

Tot Ion:112 Resp: 506002

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.40

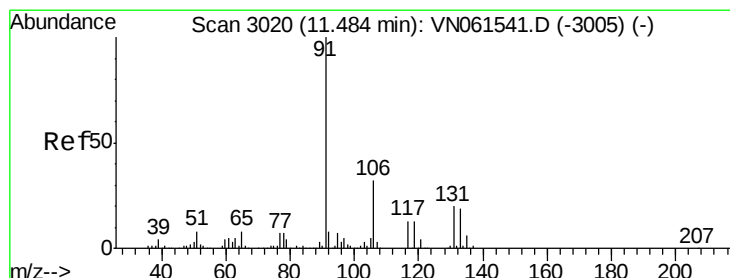
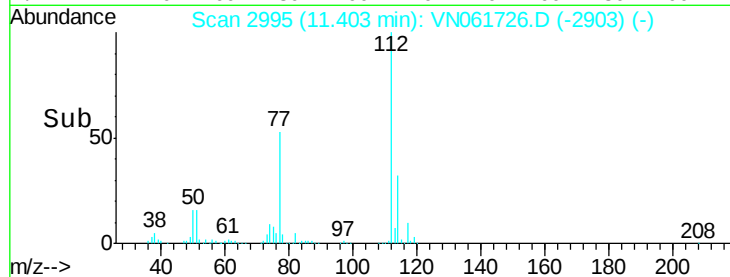
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 49.317 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

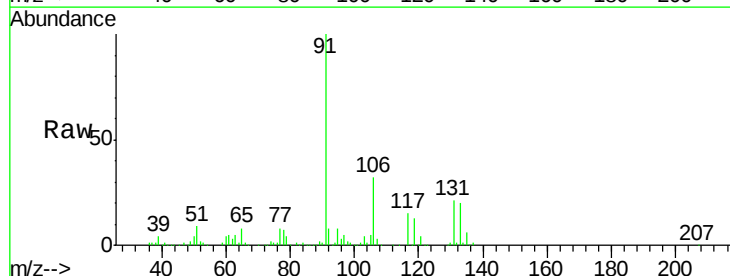
Tgt Ion:131 Resp: 193904

Ion Ratio Lower Upper

131 100

133 94.3 47.4 142.2

119 64.7 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

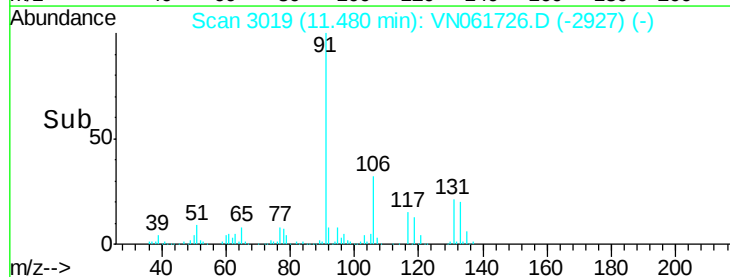
150000

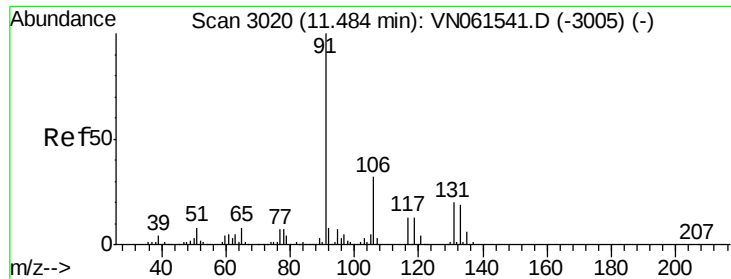
100000

50000

0

Time--> 11.40 11.45 11.50 11.55

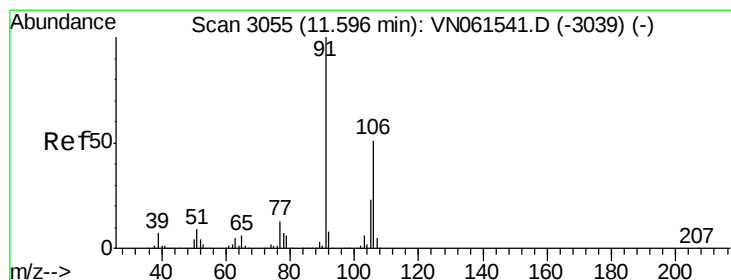
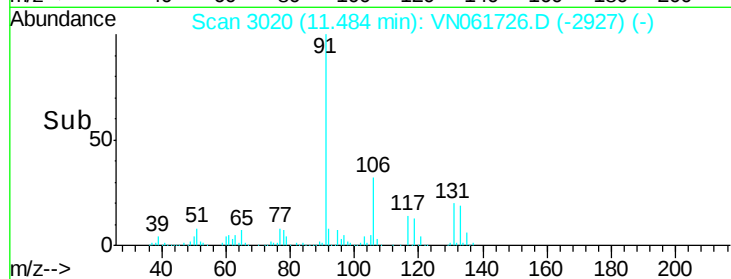
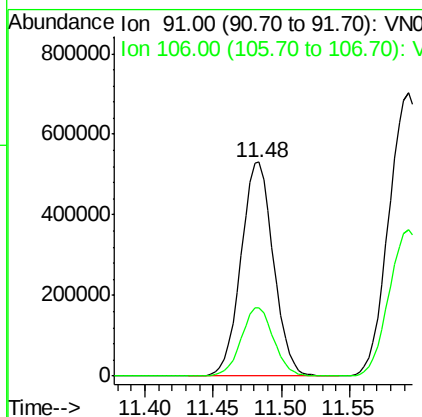
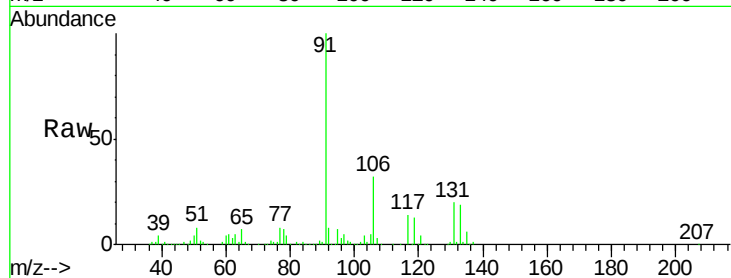




#67
Ethyl Benzene
Concen: 48.055 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

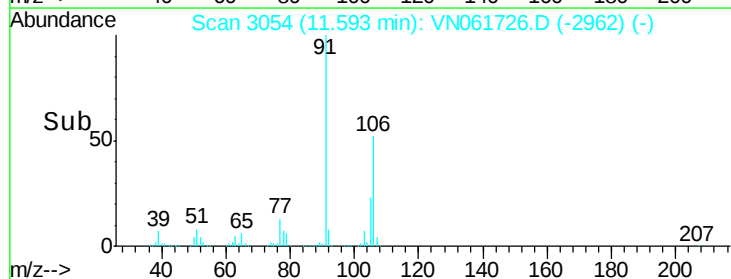
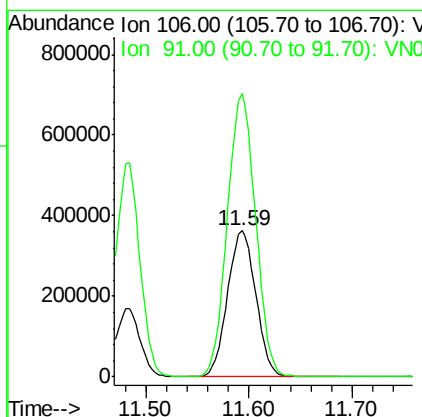
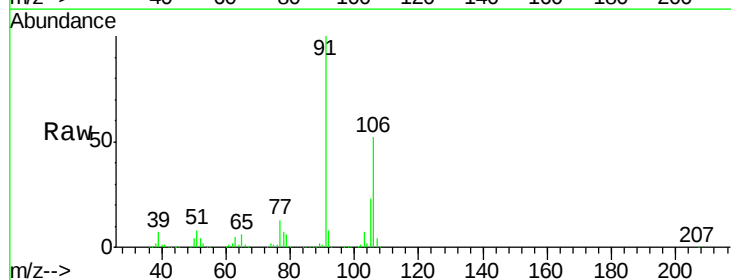
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

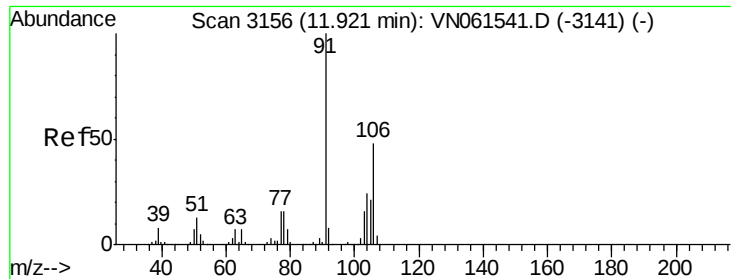
Tot Ion: 91 Resp: 877047
Ion Ratio Lower Upper
91 100
106 31.9 25.6 38.4



#68
m/p-Xylenes
Concen: 96.140 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 106 Resp: 695720
Ion Ratio Lower Upper
106 100
91 192.9 156.2 234.4

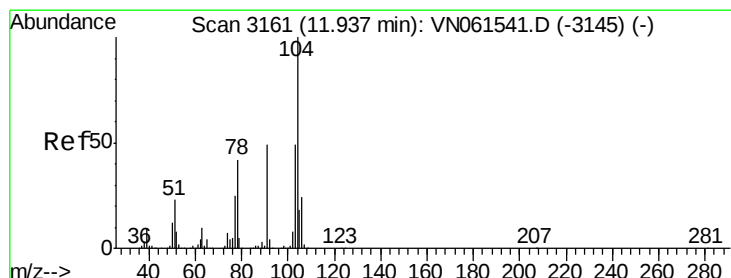
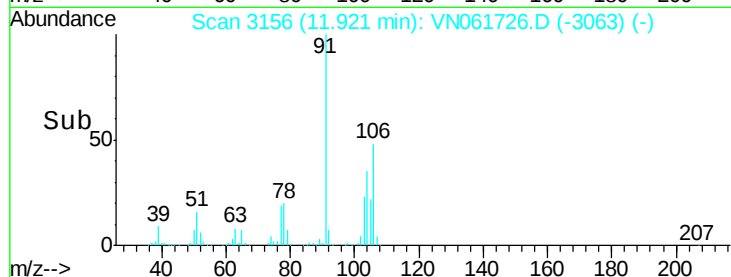
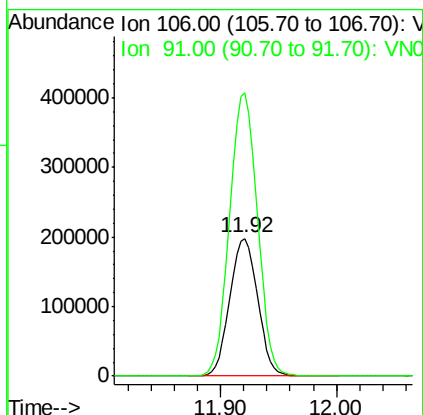
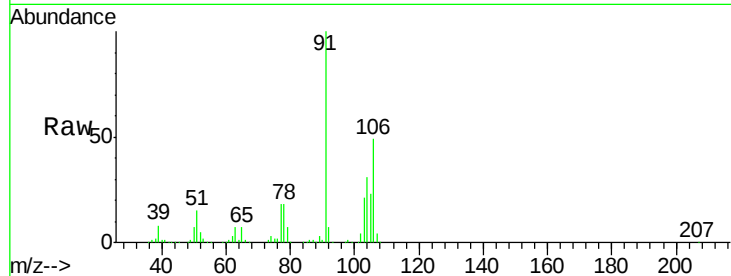




#69
o-Xylene
Concen: 47.922 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

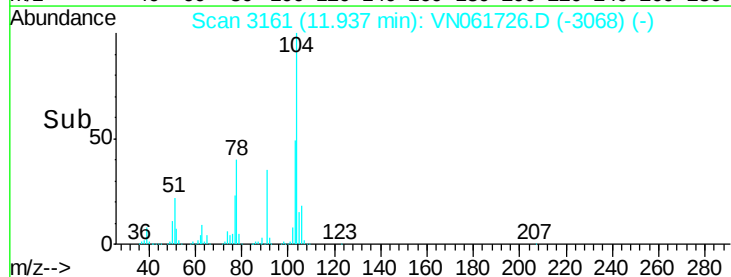
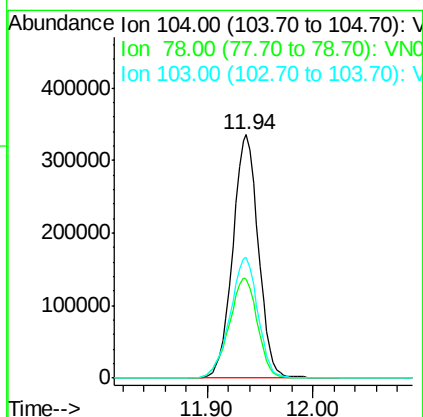
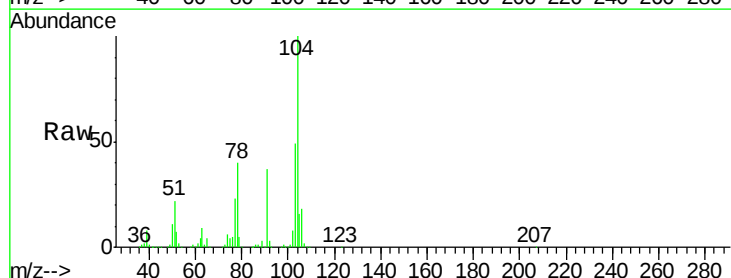
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

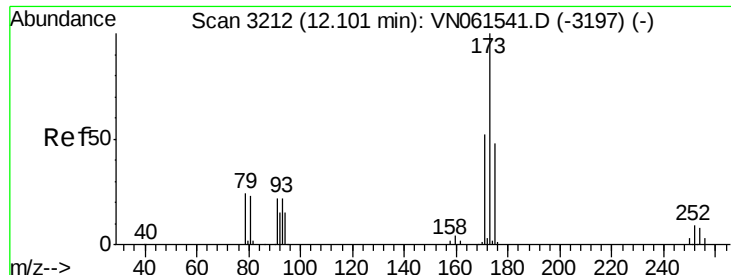
Tot Ion:106 Resp: 329384
Ion Ratio Lower Upper
106 100
91 205.0 103.3 309.8



#70
Styrene
Concen: 49.519 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion:104 Resp: 563644
Ion Ratio Lower Upper
104 100
78 45.4 37.4 56.0
103 53.8 42.3 63.5

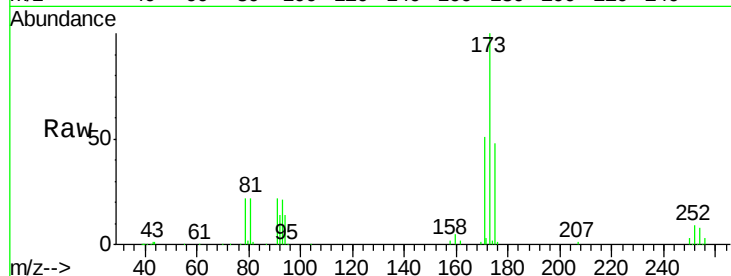




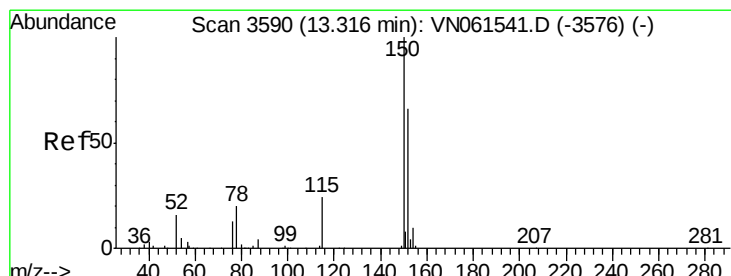
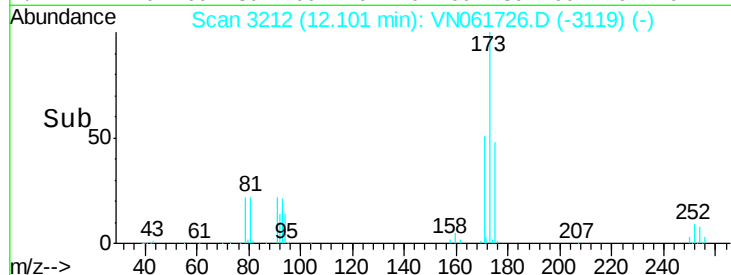
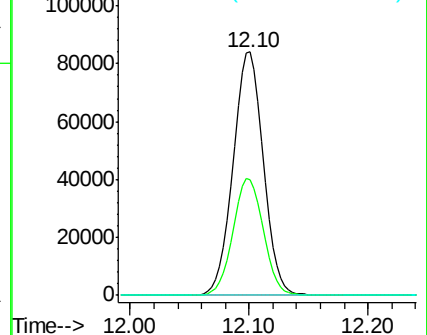
#71
Bromoform
Concen: 48.919 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 148210
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.2
254 0.1 0.0 0.0#

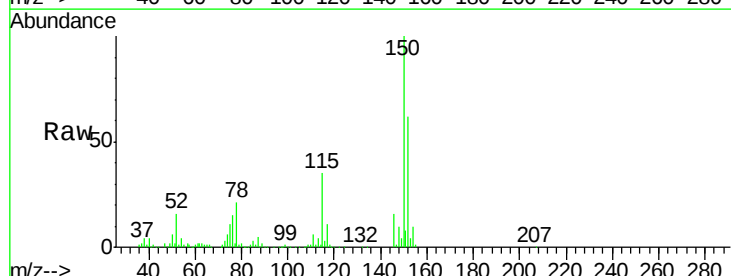


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

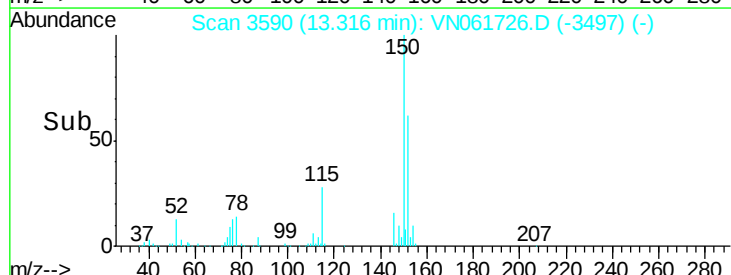
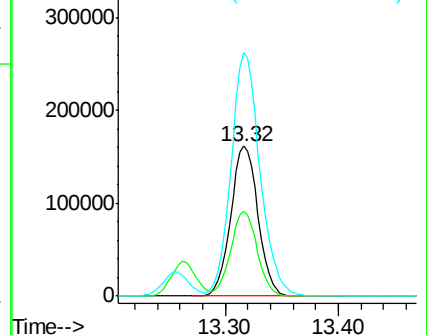


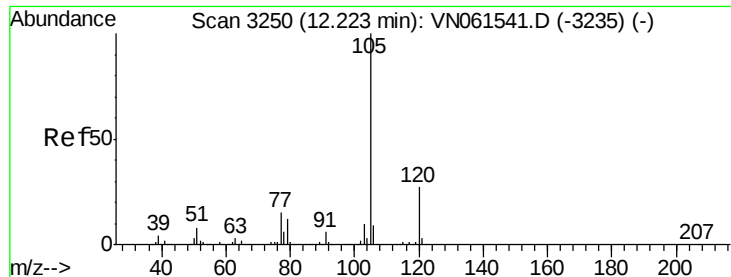
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion:152 Resp: 269248
Ion Ratio Lower Upper
152 100
115 55.6 28.0 84.0
150 173.4 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.930 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

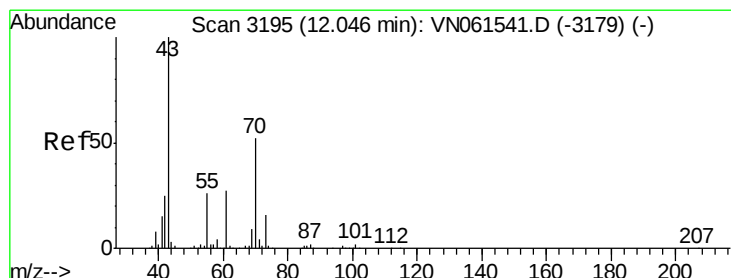
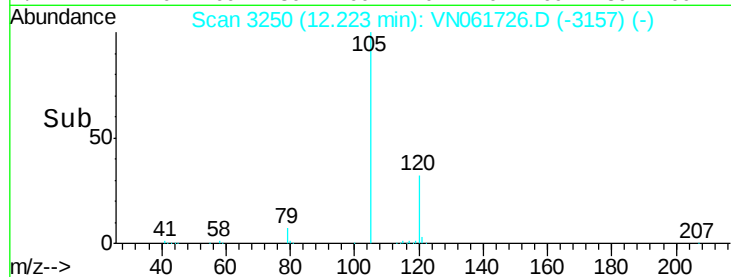
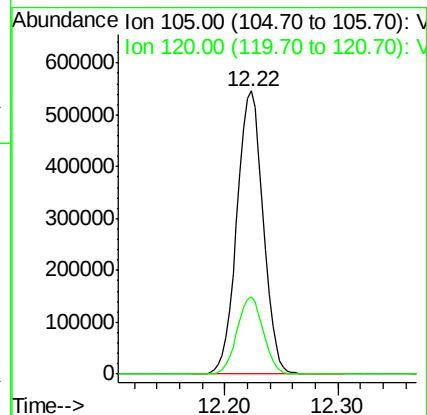
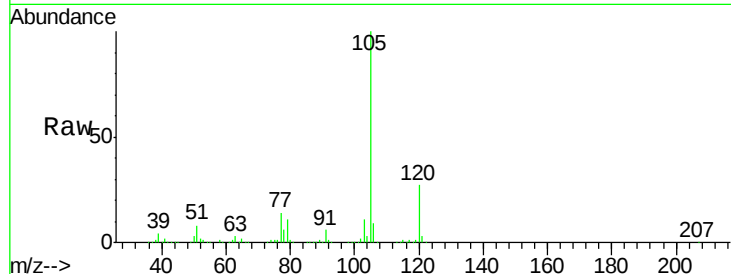
VSTDCCC050EC

Tot Ion:105 Resp: 882950

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 38.412 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Tgt Ion: 43 Resp: 237719

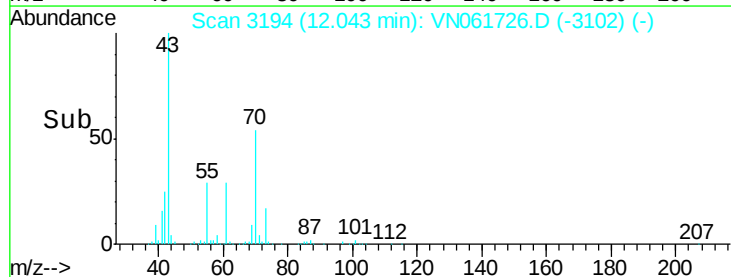
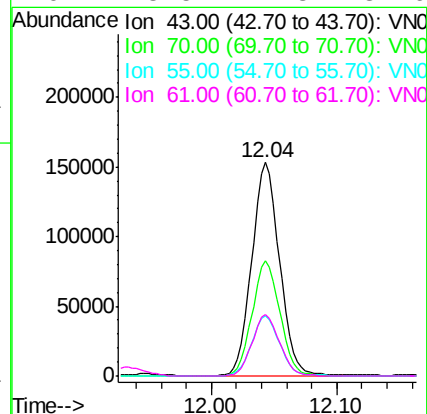
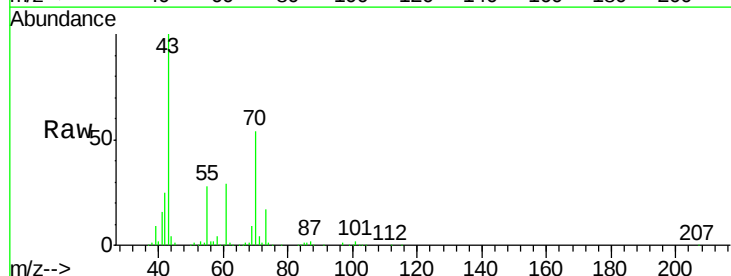
Ion Ratio Lower Upper

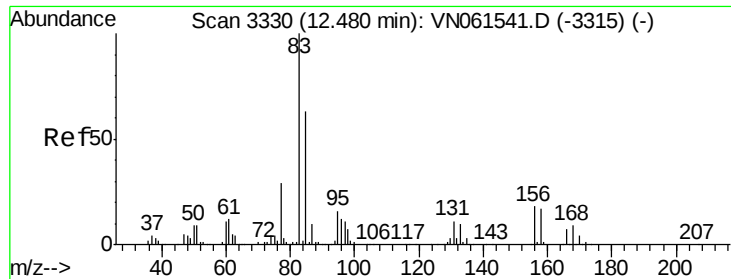
43 100

70 53.7 40.5 60.7

55 28.4 20.6 31.0

61 28.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 41.259 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

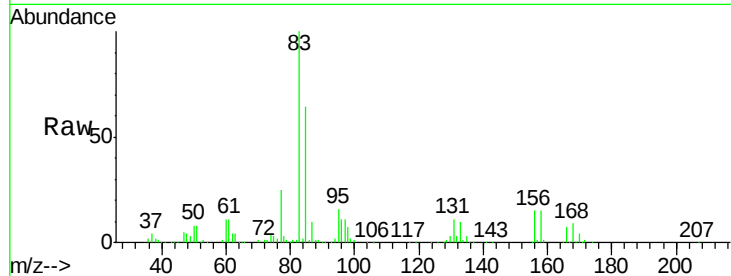
Tot Ion: 83 Resp: 227211

Ion Ratio Lower Upper

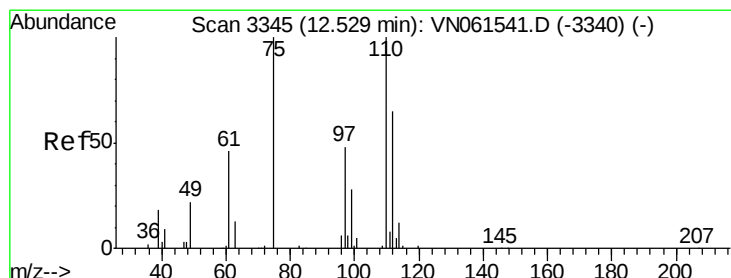
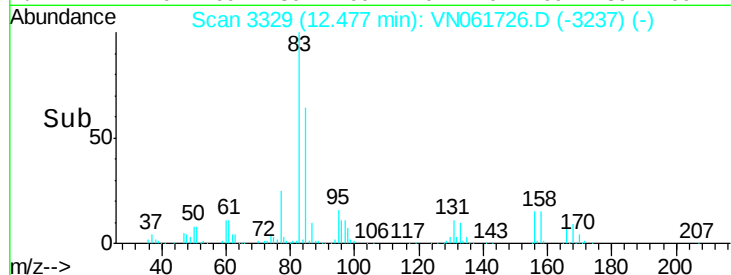
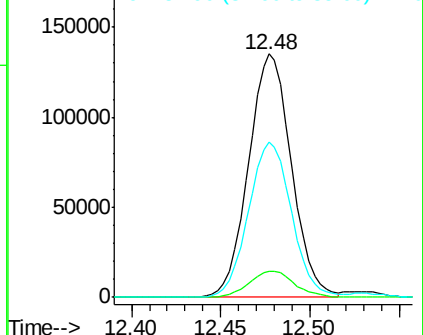
83 100

131 11.3 5.5 16.5

85 64.3 32.1 96.3



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: 60.104 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061726.D

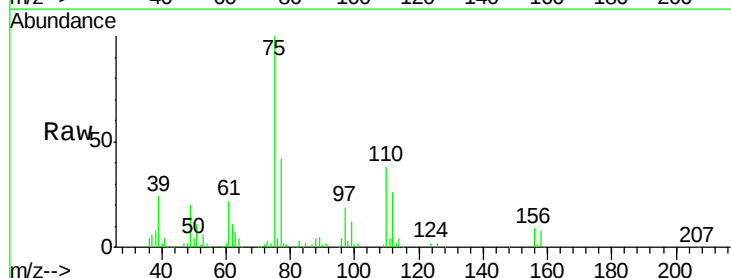
Acq: 9 Jun 2020 16:01

Tgt Ion: 75 Resp: 294267

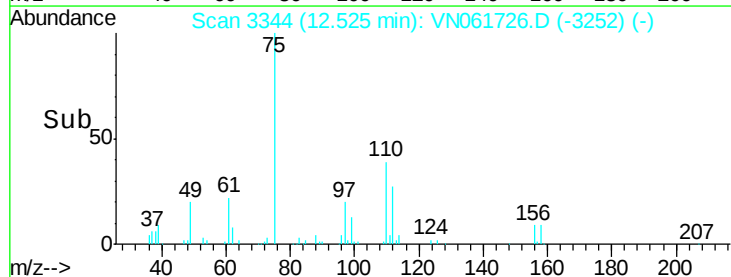
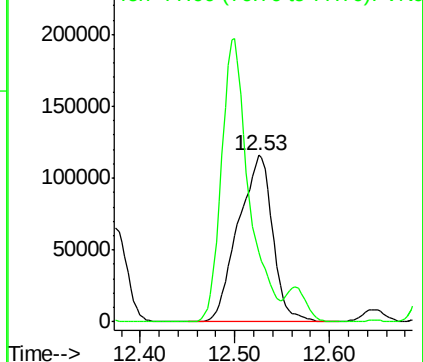
Ion Ratio Lower Upper

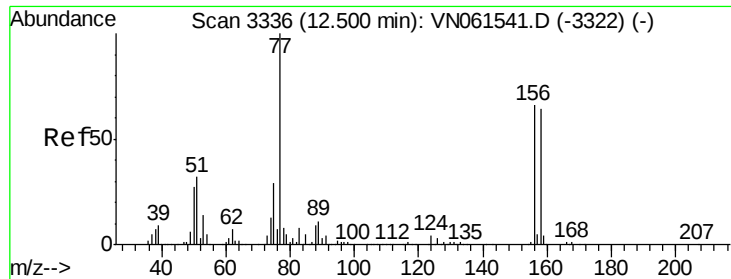
75 100

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

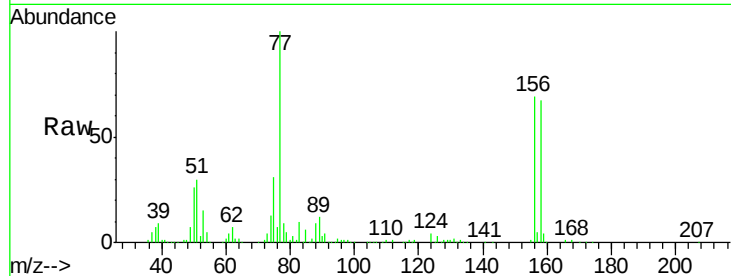




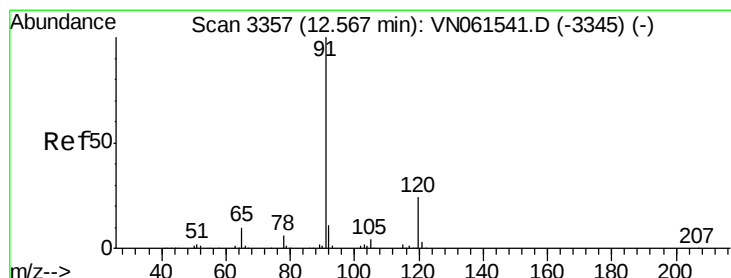
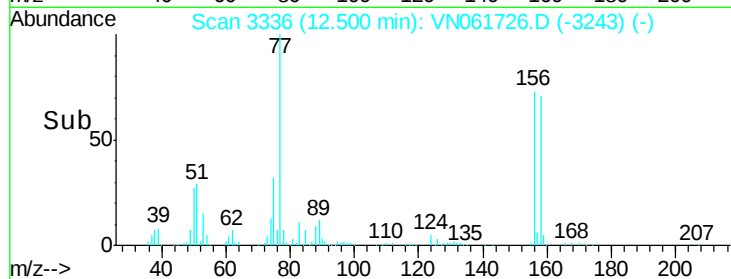
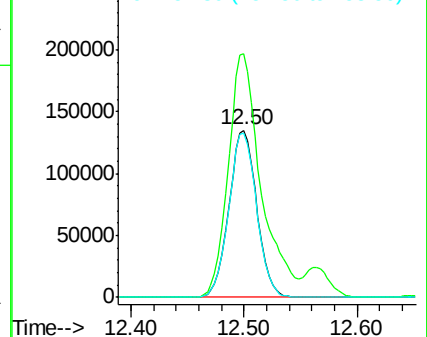
#77
Bromobenzene
Concen: 45.924 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 230364
Ion Ratio Lower Upper
156 100
77 172.5 90.9 272.7
158 98.7 48.4 145.3

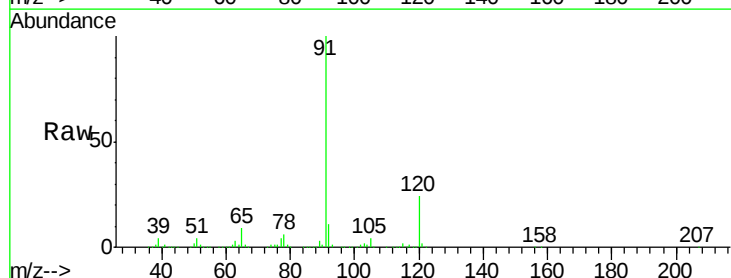


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

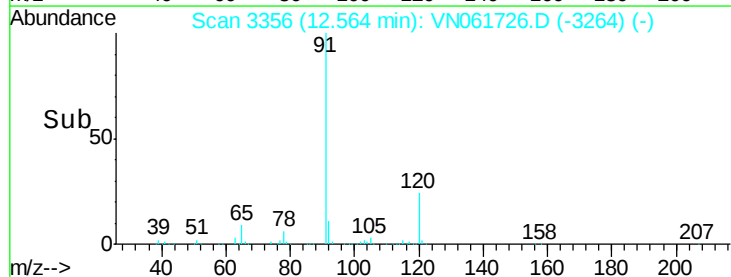
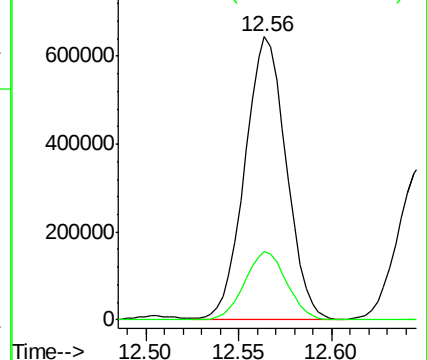


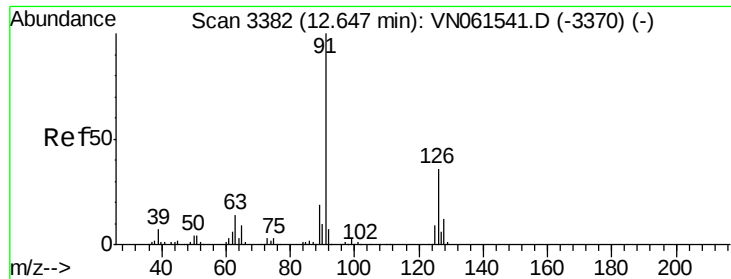
#78
n-propylbenzene
Concen: 45.219 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 91 Resp: 992041
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 43.981 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

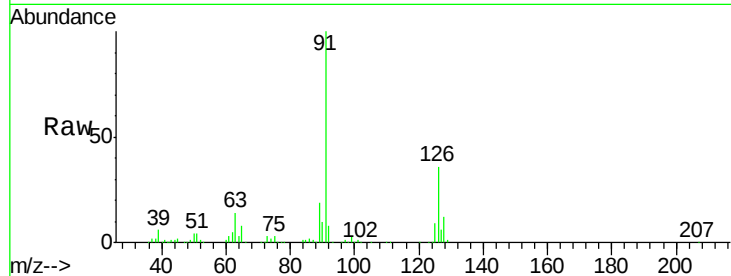
VSTDCCC050EC

Tot Ion: 91 Resp: 575338

Ion Ratio Lower Upper

91 100

126 36.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

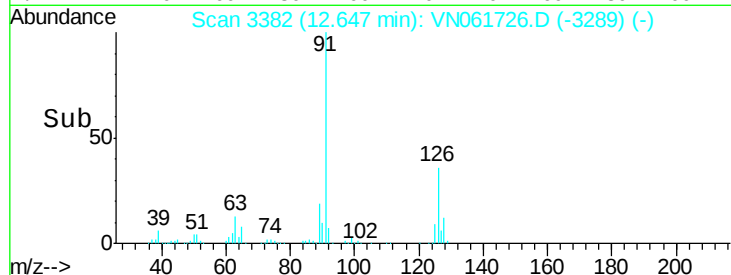
600000

400000

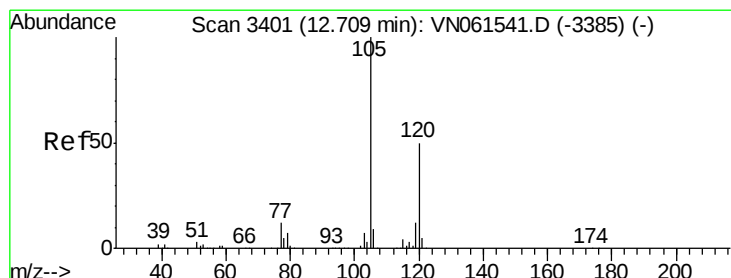
200000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.652 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061726.D

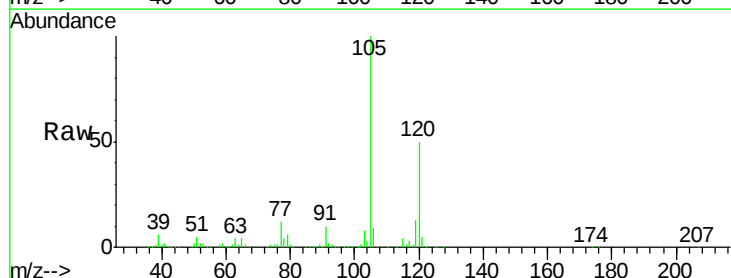
Acq: 9 Jun 2020 16:01

Tgt Ion: 105 Resp: 733409

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

500000

400000

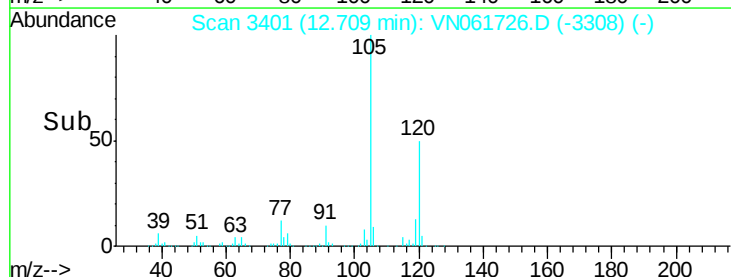
300000

200000

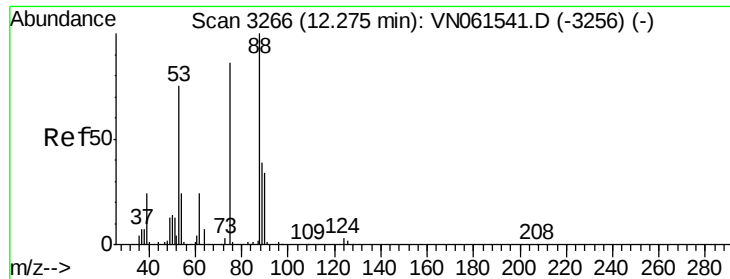
100000

0

12.60 12.70 12.80



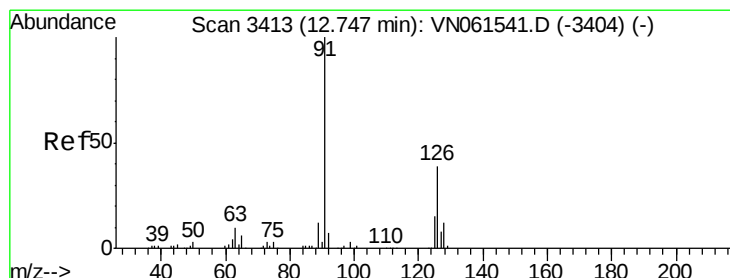
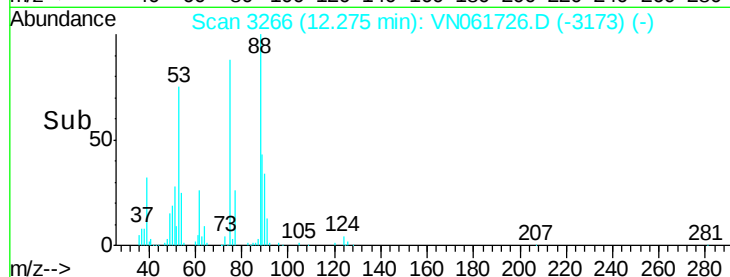
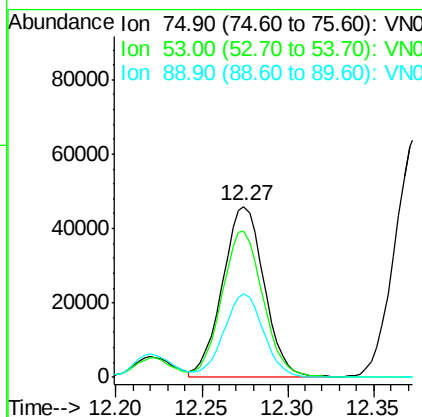
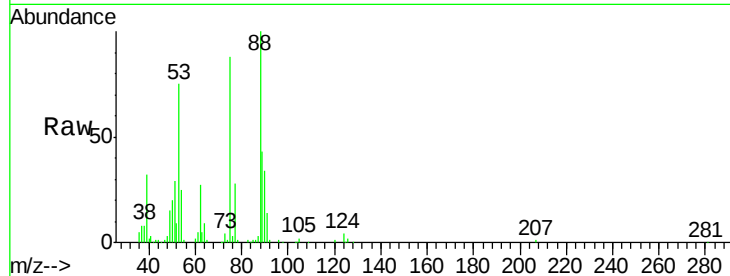
Time-->



#81
trans-1,4-Dichloro-2-butene
Concen: 40.660 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

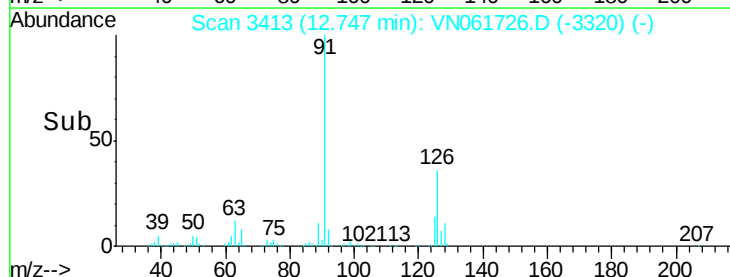
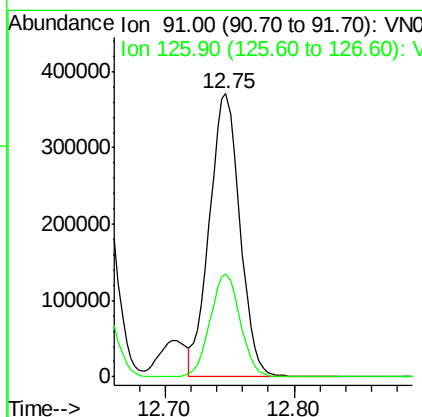
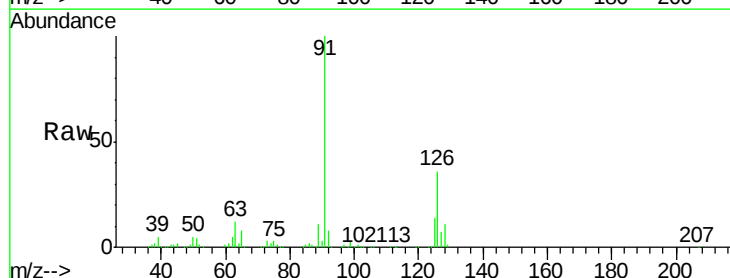
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

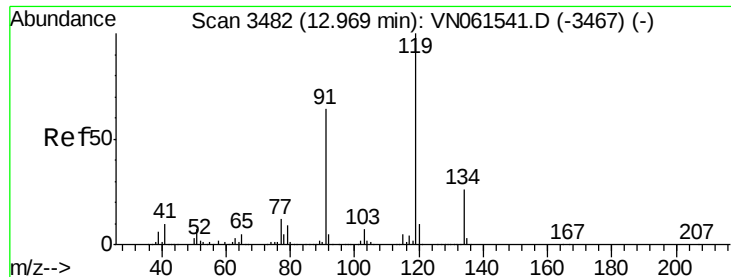
Tot Ion: 75 Resp: 77845
Ion Ratio Lower Upper
75 100
53 84.7 67.8 101.8
89 47.1 37.1 55.7



#82
4-Chlorotoluene
Concen: 44.013 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 91 Resp: 605710
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.6

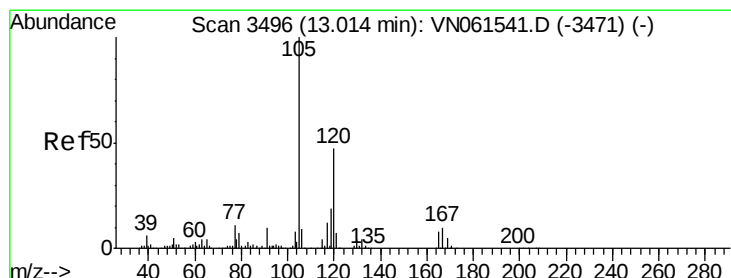
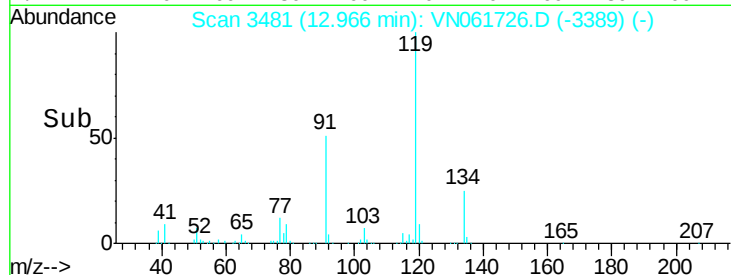
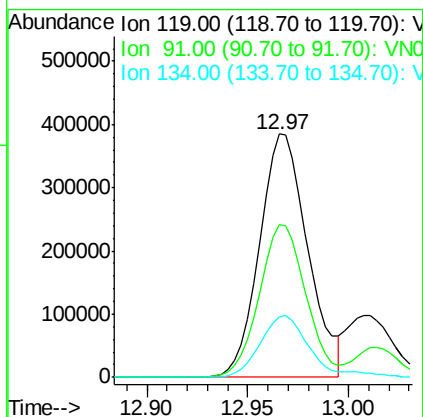
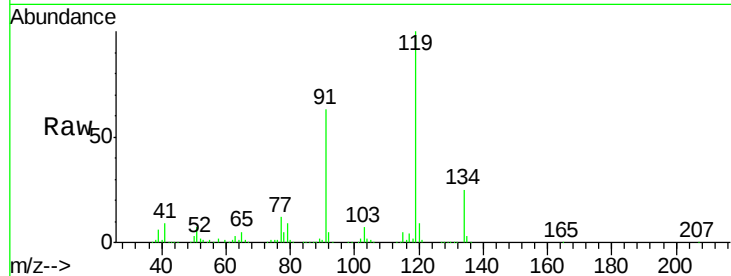




#83
tert-Butylbenzene
Concen: 44.147 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

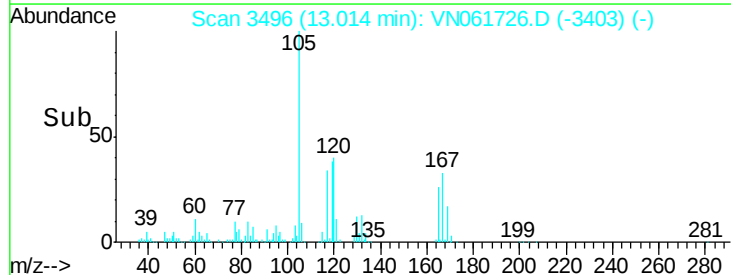
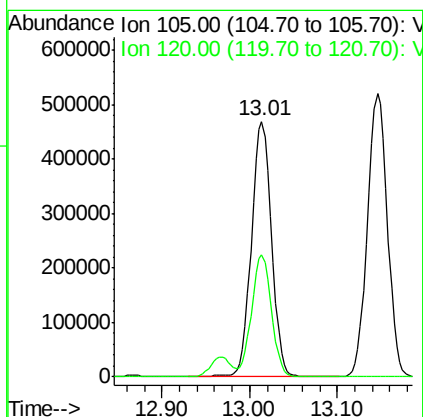
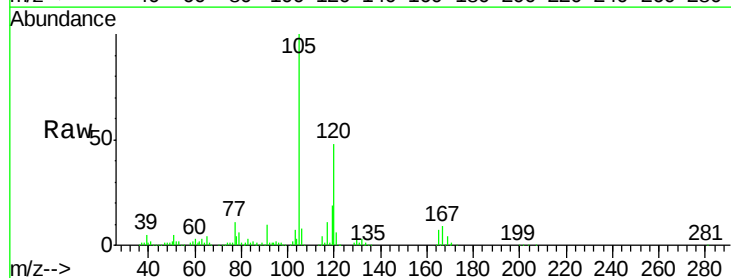
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

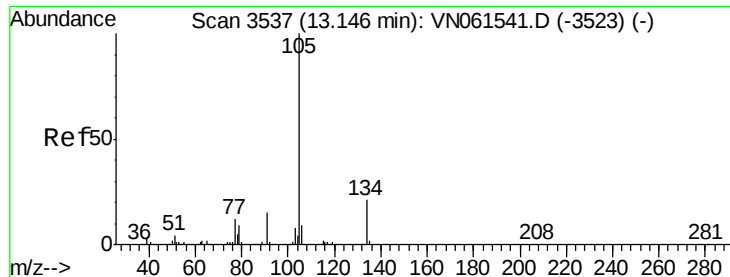
Tot Ion:119 Resp: 640674
Ion Ratio Lower Upper
119 100
91 60.5 31.3 93.8
134 26.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 45.891 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion:105 Resp: 748812
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 44.095 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

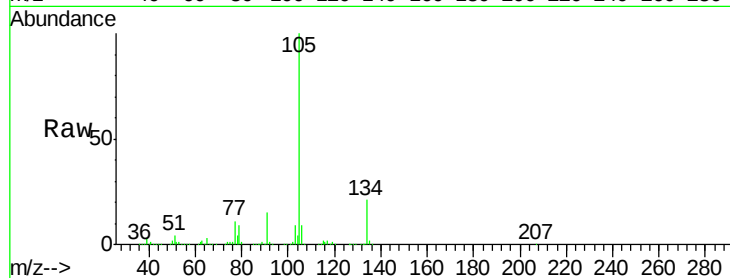
VSTDCCC050EC

Tot Ion:105 Resp: 824593

Ion Ratio Lower Upper

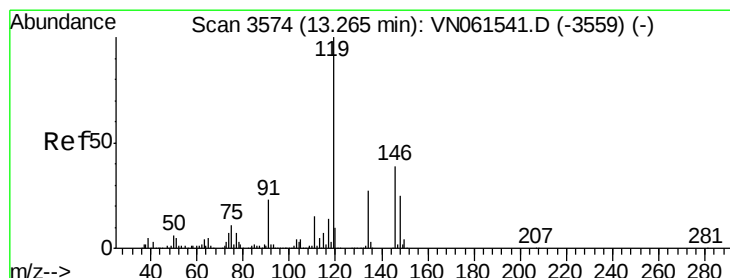
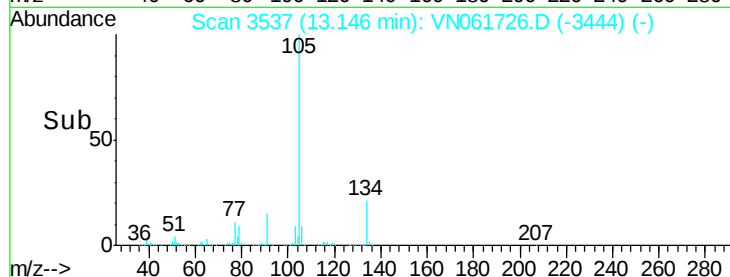
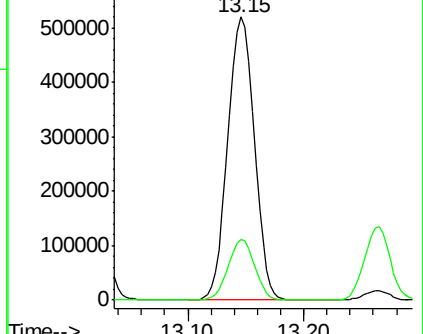
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.067 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

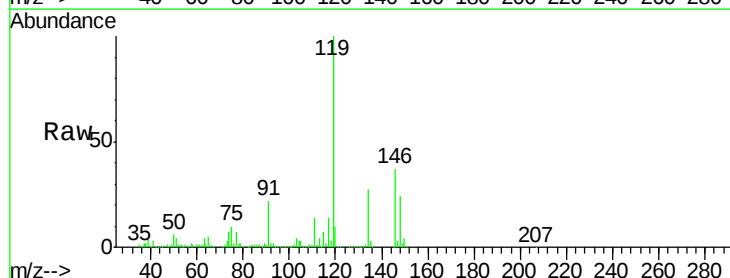
Tgt Ion:119 Resp: 776122

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

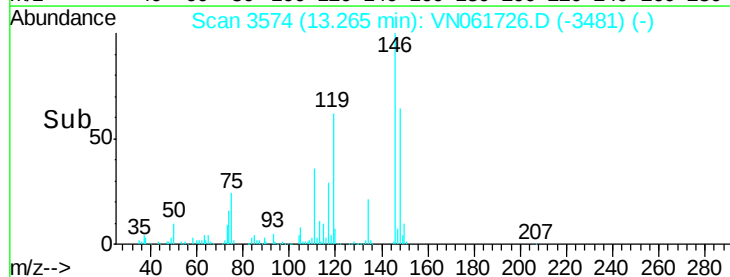
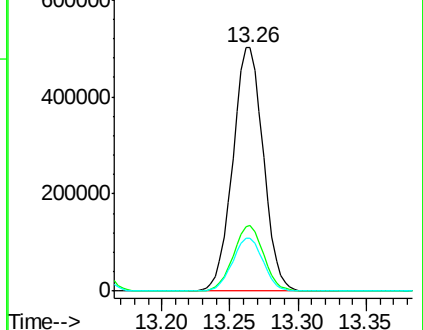
91 22.2 11.4 34.1

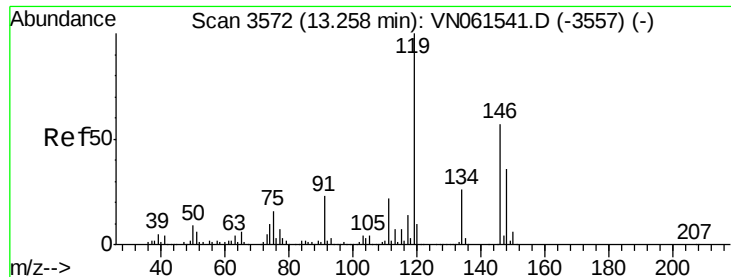


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

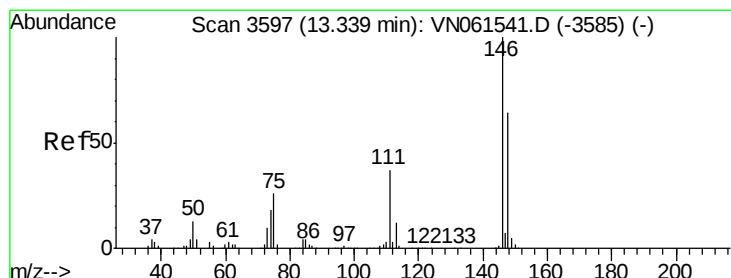
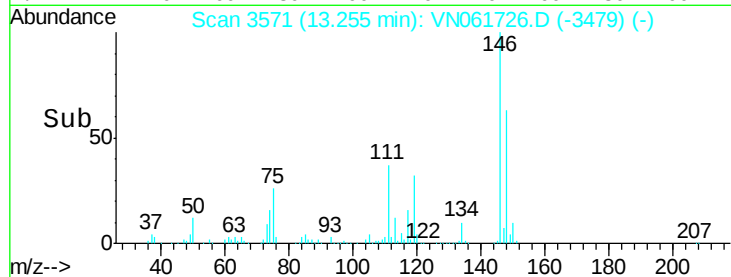
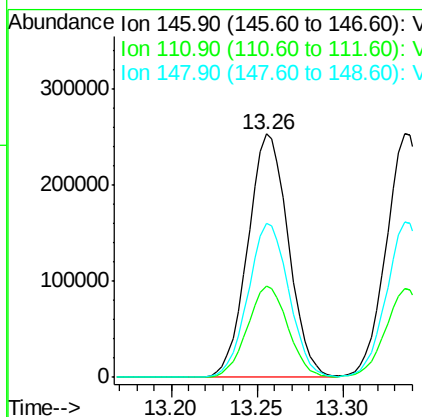
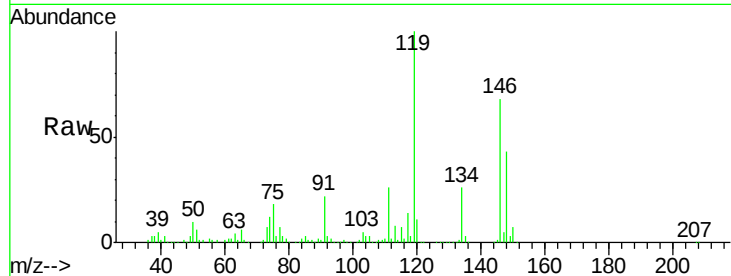




#87
 1,3-Dichlorobenzene
 Concen: 46.654 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

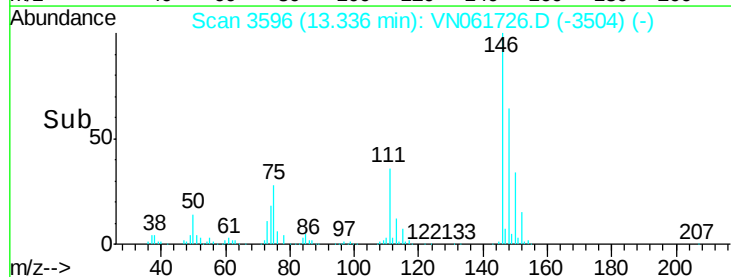
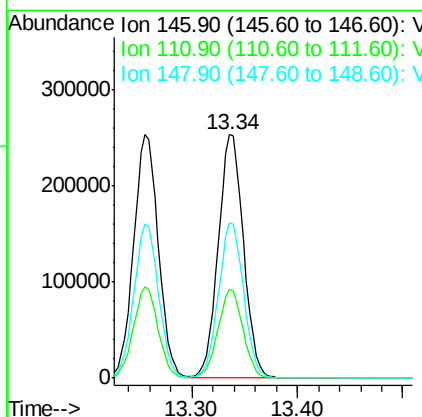
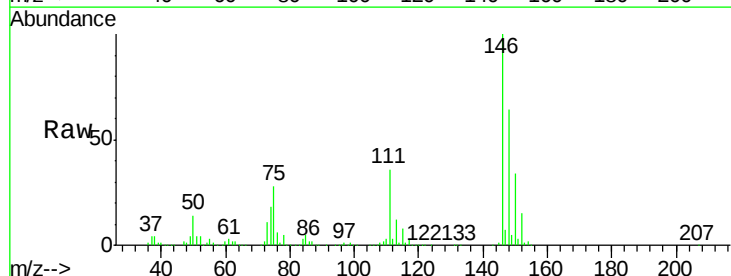
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

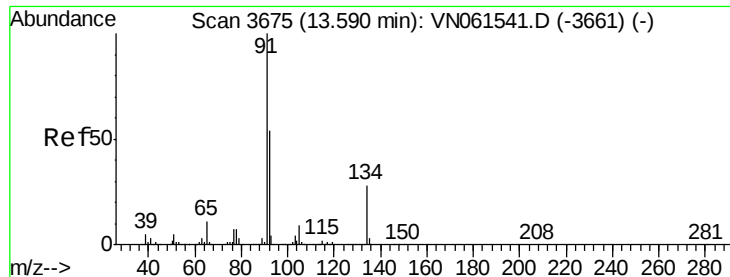
Tot Ion:146 Resp: 414418
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.2 57.6
 148 63.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.301 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061726.D
 Acq: 9 Jun 2020 16:01

Tgt Ion:146 Resp: 418985
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.9 56.9
 148 63.8 31.8 95.3

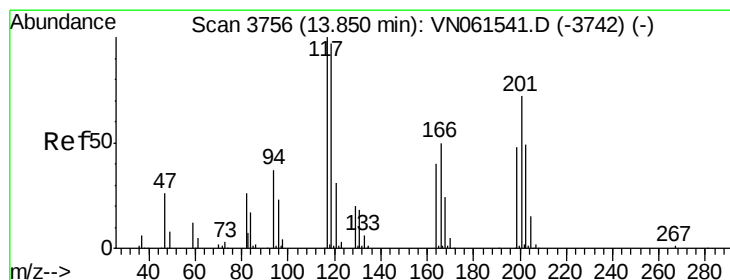
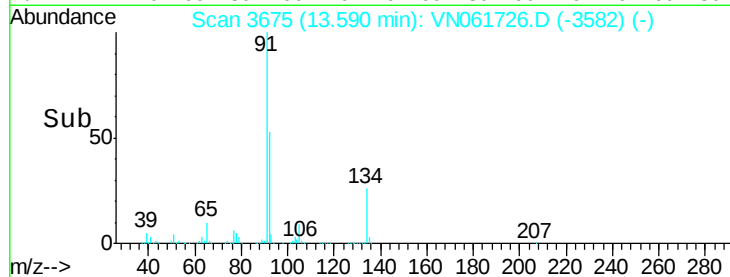
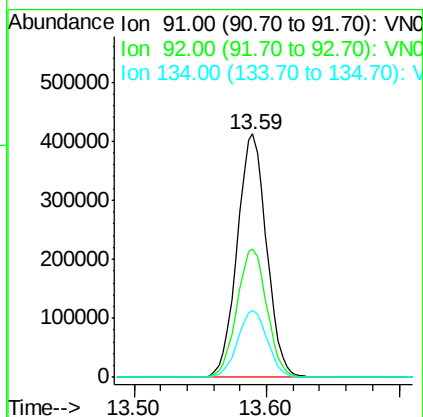
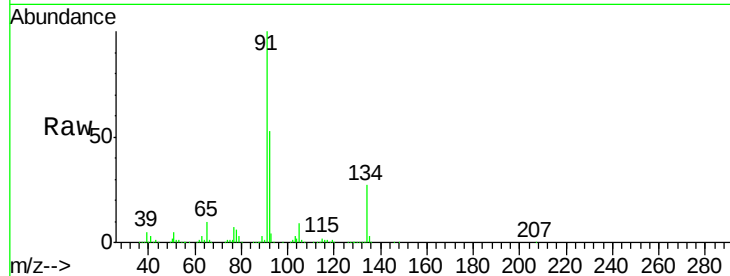




#89
n-Butylbenzene
Concen: 43.986 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

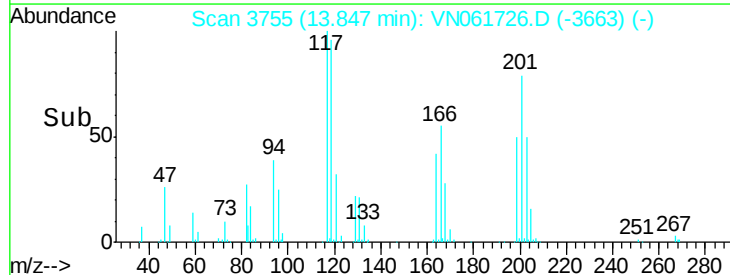
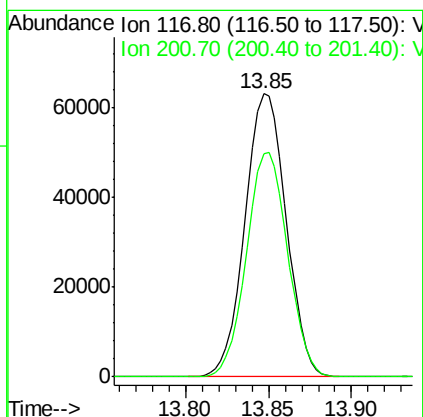
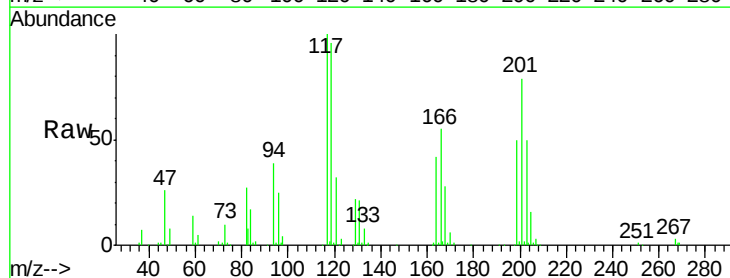
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

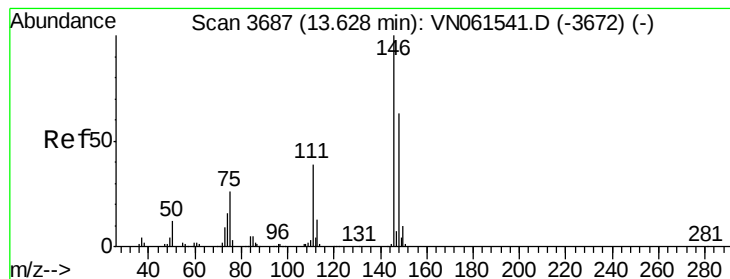
Tot Ion: 91 Resp: 634472
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.8 14.0 42.0



#90
Hexachloroethane
Concen: 57.245 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061726.D
Acq: 9 Jun 2020 16:01

Tgt Ion: 117 Resp: 109025
Ion Ratio Lower Upper
117 100
201 79.2 36.7 110.1





#91

1,2-Dichlorobenzene

Concen: 46.278 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

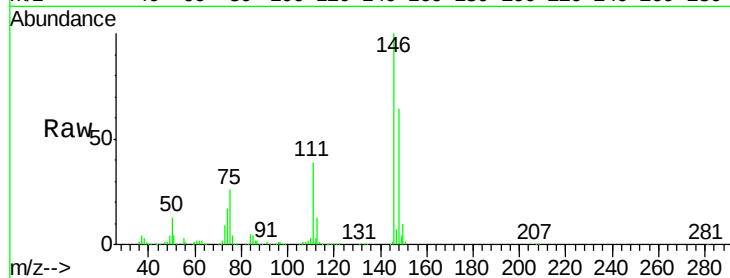
Tot Ion:146 Resp: 392848

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

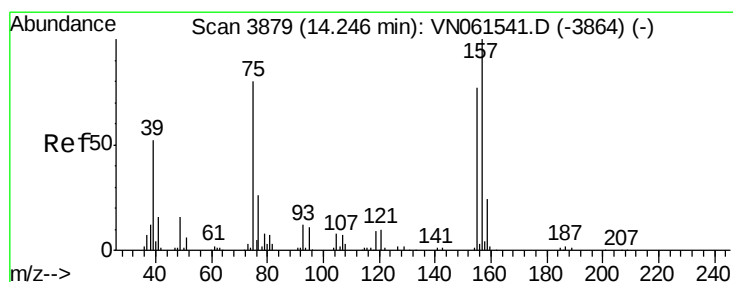
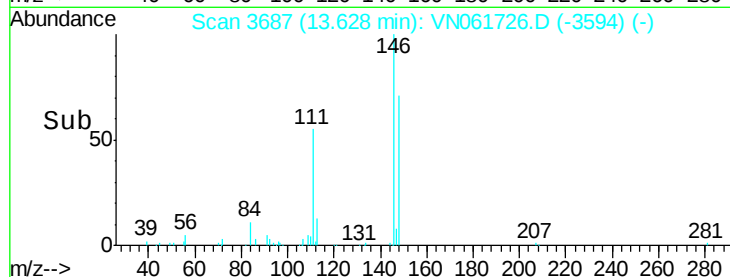
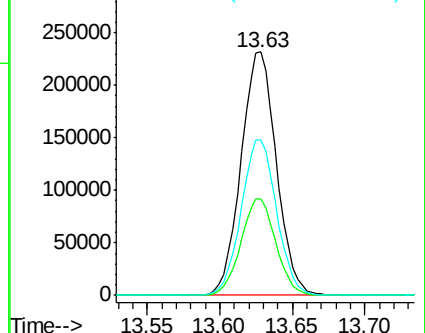
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 34.905 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

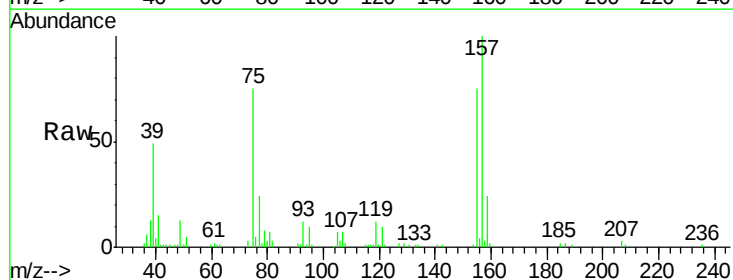
Tgt Ion: 75 Resp: 39202

Ion Ratio Lower Upper

75 100

155 101.5 47.1 141.4

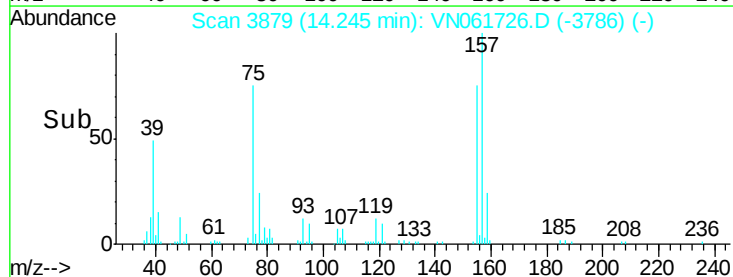
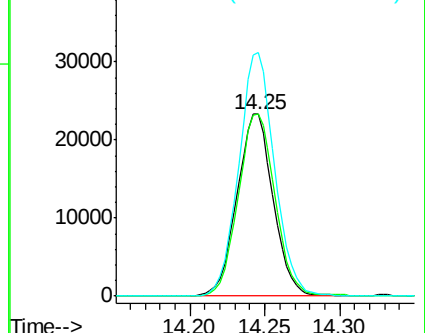
157 132.5 60.3 180.8

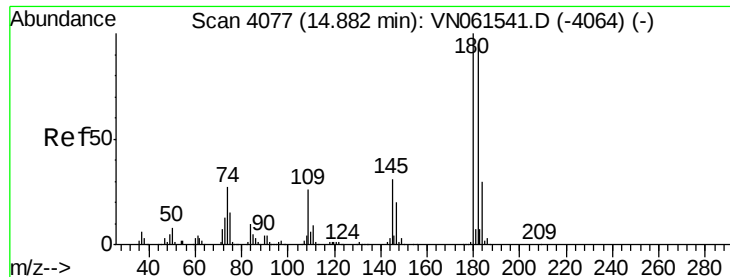


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 46.359 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

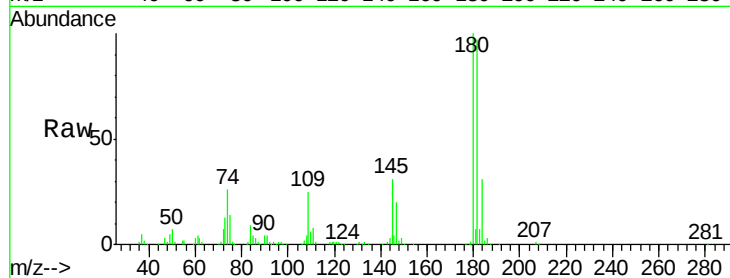
Tot Ion:180 Resp: 230153

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

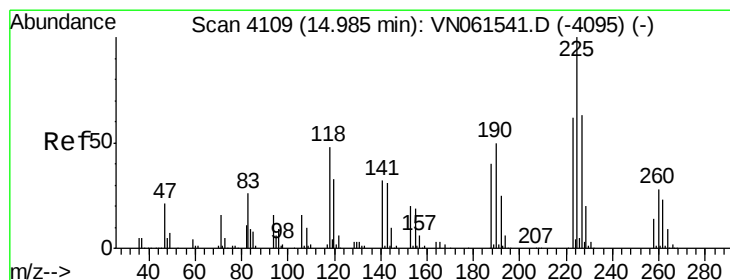
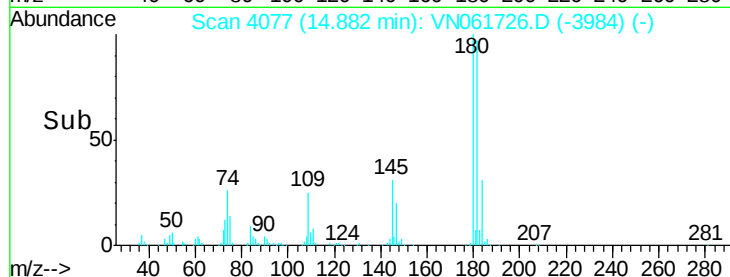
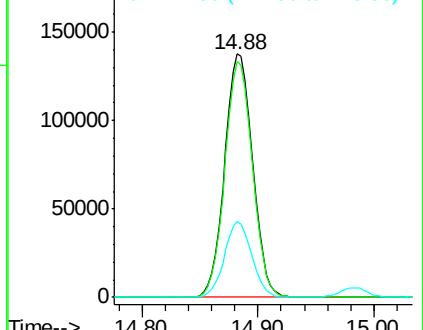
145 30.4 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 45.389 ug/l

RT: 14.99 min Scan# 4109

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

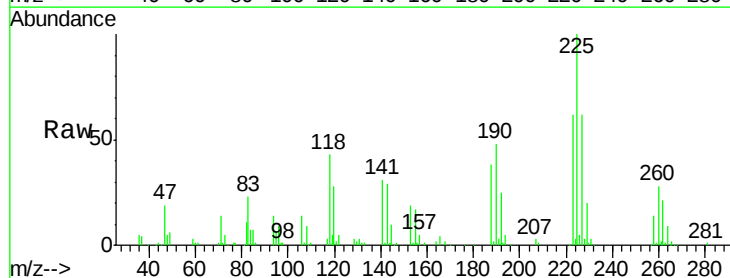
Tgt Ion:225 Resp: 96104

Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.5

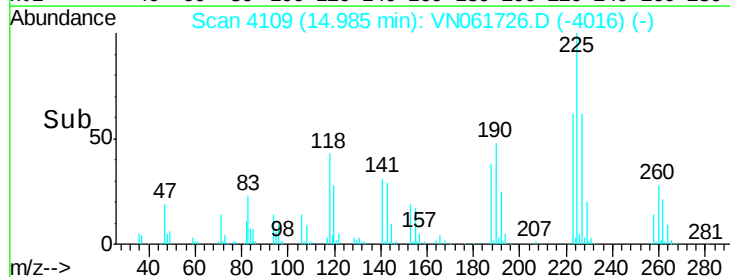
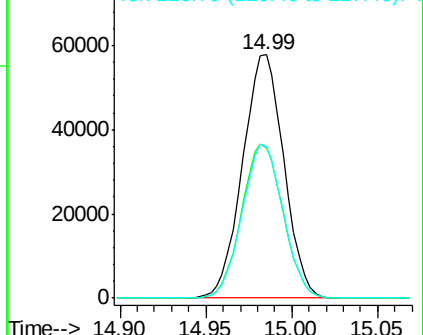
227 62.8 31.9 95.9

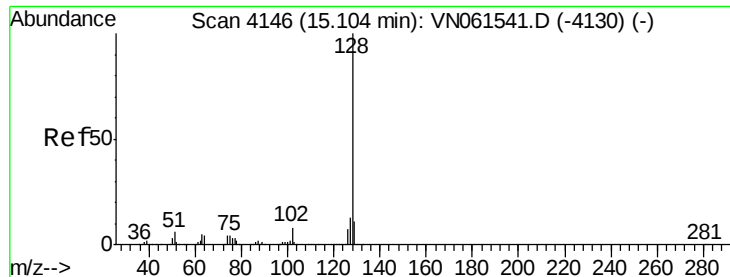


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 41.091 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

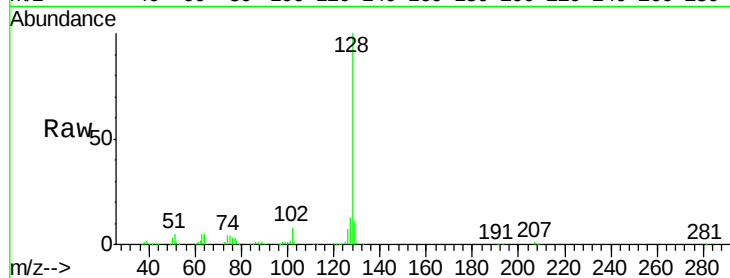
Tot Ion:128 Resp: 620923

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

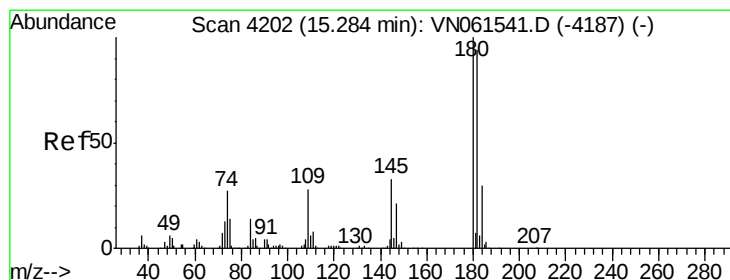
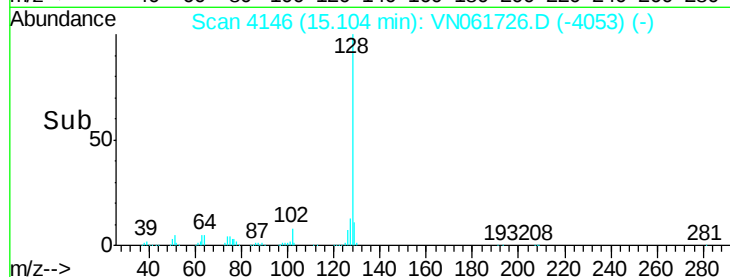
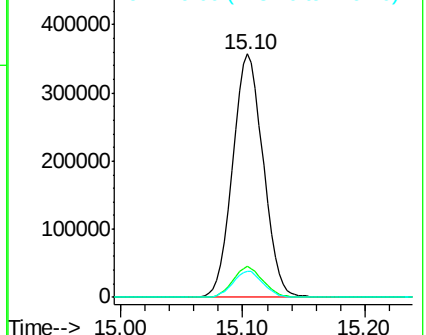
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.433 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061726.D

Acq: 9 Jun 2020 16:01

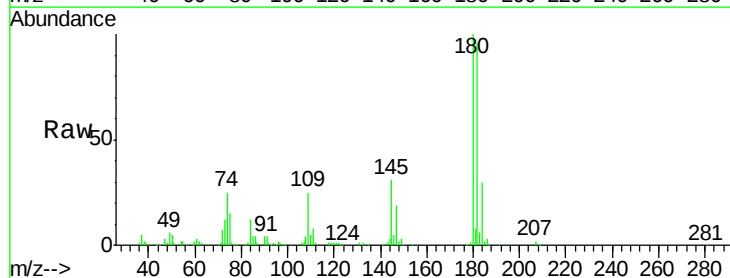
Tgt Ion:180 Resp: 221769

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 31.4 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

