

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060820\
 Data File : VN061713.D
 Acq On : 8 Jun 2020 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 03:16:22 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	7.63	168	342374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	557911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	195231	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
35) Dibromofluoromethane	7.55	113	154873	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	10.06	98	668845	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.38	95	242785	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	161498	41.06	ug/l	97
3) Chloromethane	2.03	50	170354	40.79	ug/l	99
4) Vinyl Chloride	2.16	62	231832	40.51	ug/l	98
5) Bromomethane	2.53	94	147406	44.89	ug/l	99
6) Chloroethane	2.67	64	155774	42.29	ug/l	99
7) Trichlorofluoromethane	2.98	101	309334	41.92	ug/l	98
8) Diethyl Ether	3.37	74	93459	41.42	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	140800	43.00	ug/l	98
10) Methyl Iodide	3.91	142	192771	42.41	ug/l	98
11) Tert butyl alcohol	4.73	59	109662	202.11	ug/l	98
12) 1,1-Dichloroethene	3.70	96	143162	40.92	ug/l	95
13) Acrolein	3.56	56	33522	208.15	ug/l	100
14) Allyl chloride	4.27	41	173272	37.88	ug/l	97
15) Acrylonitrile	4.93	53	318447	210.27	ug/l	99
16) Acetone	3.77	43	236349	209.22	ug/l	98
17) Carbon Disulfide	4.01	76	291940	37.93	ug/l	99
18) Methyl Acetate	4.28	43	150191	40.67	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	493609	41.40	ug/l	97
20) Methylene Chloride	4.50	84	170950	45.97	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	165302	41.90	ug/l	96
22) Diisopropyl ether	5.90	45	424946	42.15	ug/l	97
23) Vinyl Acetate	5.84	43	1548465	192.73	ug/l	97
24) 1,1-Dichloroethane	5.80	63	270069	42.25	ug/l	99
25) 2-Butanone	6.79	43	370346	191.57	ug/l	98
26) 2,2-Dichloropropane	6.77	77	216748	37.05	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	194863	43.62	ug/l	97
28) Bromochloromethane	7.15	49	114147	47.50	ug/l	96
29) Tetrahydrofuran	7.17	42	245567	192.63	ug/l	96
30) Chloroform	7.33	83	311467	44.04	ug/l	99
31) Cyclohexane	7.61	56	217426	37.82	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	274993	42.67	ug/l	100
36) 1,1-Dichloropropene	7.75	75	213210	43.17	ug/l	99
37) Ethyl Acetate	6.88	43	164670	41.40	ug/l	97
38) Carbon Tetrachloride	7.73	117	222999	46.81	ug/l	99

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 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)
39) Methylcyclohexane	9.05	83	240006	39.43	ug/l	97
40) Benzene	8.00	78	678031	44.49	ug/l	99
41) Methacrylonitrile	7.12	41	74560	40.91	ug/l	94
42) 1,2-Dichloroethane	8.08	62	223250	43.76	ug/l	99
43) Isopropyl Acetate	8.13	43	287514	40.17	ug/l	92
44) Trichloroethene	8.80	130	205477	43.87	ug/l	97
45) 1,2-Dichloropropane	9.08	63	166372	45.98	ug/l	98
46) Dibromomethane	9.17	93	126606	45.62	ug/l	99
47) Bromodichloromethane	9.37	83	252016	45.83	ug/l	98
48) Methyl methacrylate	9.17	41	123999	38.51	ug/l	95
49) 1,4-Dioxane	9.17	88	53175	1065.99	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	832765	206.48	ug/l	97
52) Toluene	10.12	92	452457	45.49	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	259085	43.74	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	281267	44.16	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184031	46.44	ug/l	97
56) Ethyl methacrylate	10.40	69	248127	44.83	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291103	45.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	509846	215.53	ug/l	99
59) 2-Hexanone	10.72	43	589630	203.57	ug/l	97
60) Dibromochloromethane	10.87	129	214463	47.61	ug/l	100
61) 1,2-Dibromoethane	10.98	107	190599	46.12	ug/l	100
64) Tetrachloroethene	10.60	164	222825	44.72	ug/l	97
65) Chlorobenzene	11.41	112	498703	45.33	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	194321	47.43	ug/l	99
67) Ethyl Benzene	11.48	91	858557	45.15	ug/l	99
68) m/p-Xylenes	11.59	106	683325	90.62	ug/l	99
69) o-Xylene	11.92	106	327033	45.66	ug/l	99
70) Styrene	11.94	104	561232	47.32	ug/l	98
71) Bromoform	12.10	173	152902	48.43	ug/l #	98
73) Isopropylbenzene	12.22	105	865798	42.85	ug/l	100
74) N-amyl acetate	12.04	43	256008	40.23	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	239784	42.35	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	301962	59.99	ug/l #	100
77) Bromobenzene	12.50	156	232148	45.01	ug/l	97
78) n-propylbenzene	12.56	91	962036	42.65	ug/l	100
79) 2-Chlorotoluene	12.65	91	562159	41.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	729977	43.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76063	38.64	ug/l	98
82) 4-Chlorotoluene	12.75	91	592987	41.91	ug/l	99
83) tert-Butylbenzene	12.97	119	626164	41.97	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	723329	43.11	ug/l	98
85) sec-Butylbenzene	13.15	105	792653	41.23	ug/l	100
86) p-Isopropyltoluene	13.26	119	750721	42.40	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	408127	44.69	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	415686	44.68	ug/l	99
89) n-Butylbenzene	13.59	91	606091	40.87	ug/l	99
90) Hexachloroethane	13.85	117	102340	52.26	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	393609	45.10	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	43338	37.53	ug/l	95

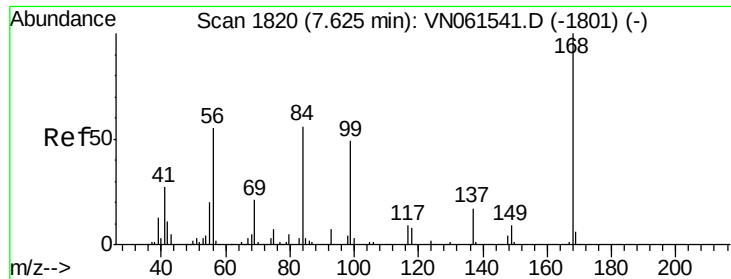
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	229835	45.03	ug/l	99
94) Hexachlorobutadiene	14.99	225	91258	41.92	ug/l	99
95) Naphthalene	15.10	128	664073	42.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	226211	45.07	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

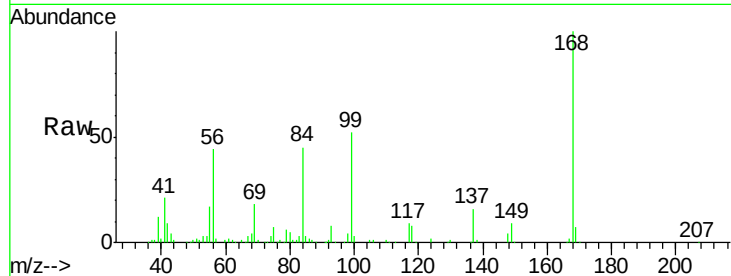
VSTDCCC050EC

Tgt Ion:168 Resp: 342374

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

100000

50000

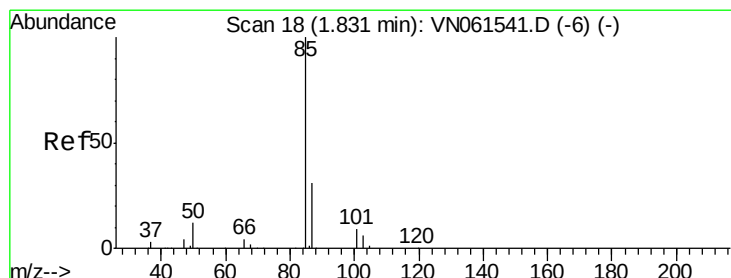
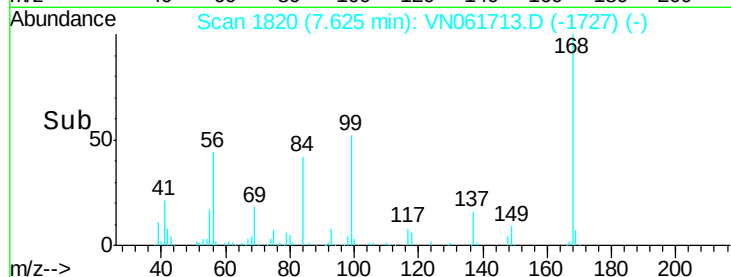
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.06 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061713.D

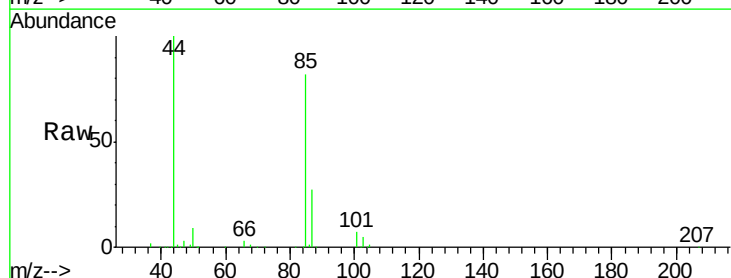
Acq: 8 Jun 2020 21:59

Tgt Ion: 85 Resp: 161498

Ion Ratio Lower Upper

85 100

87 32.7 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

100000

50000

0

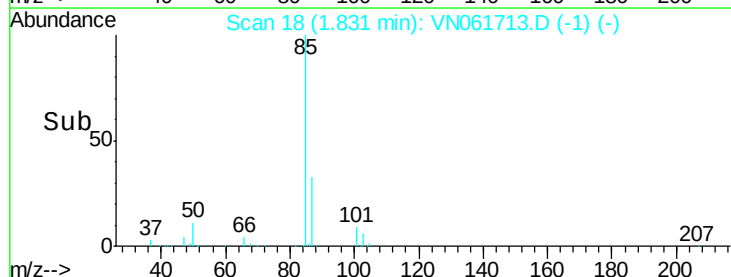
1.75

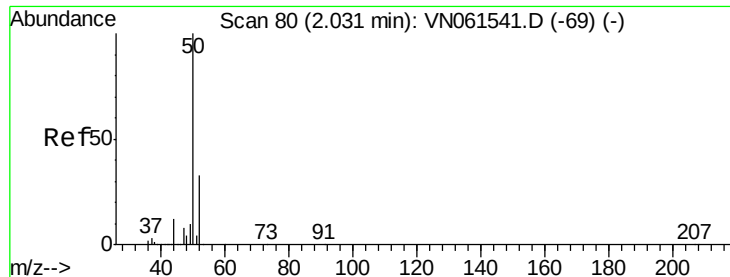
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 40.79 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

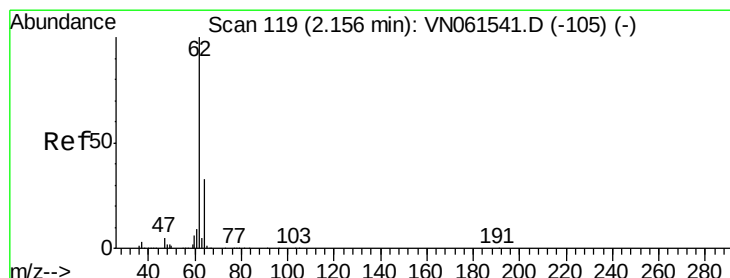
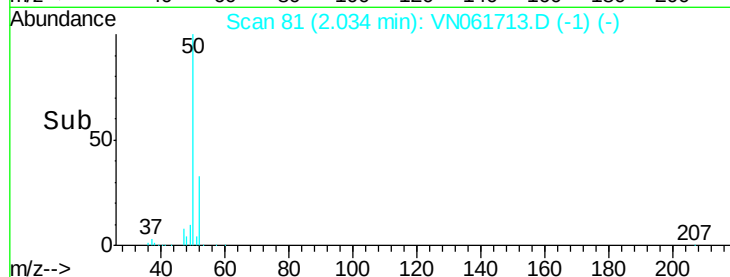
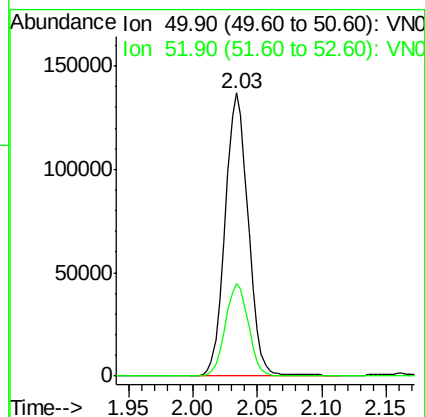
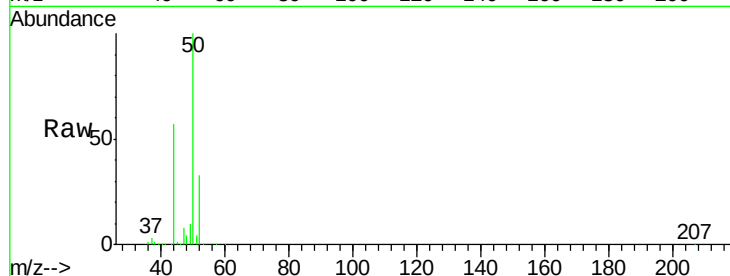
VSTDCCC050EC

Tgt Ion: 50 Resp: 170354

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 40.51 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061713.D

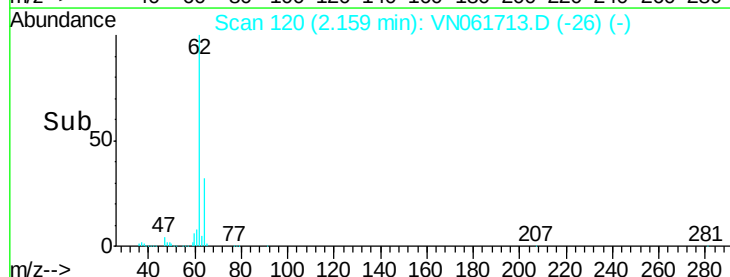
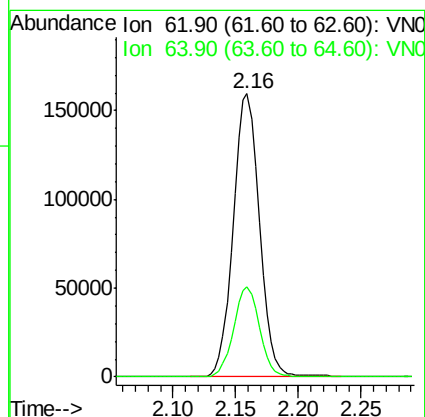
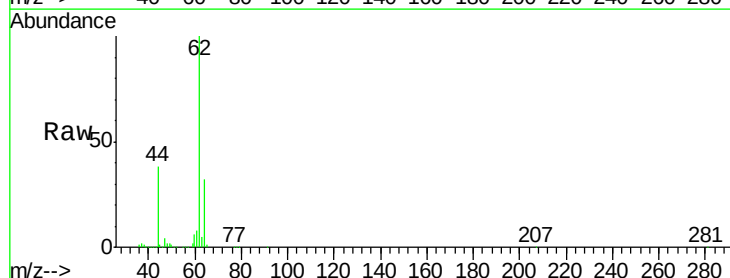
Acq: 8 Jun 2020 21:59

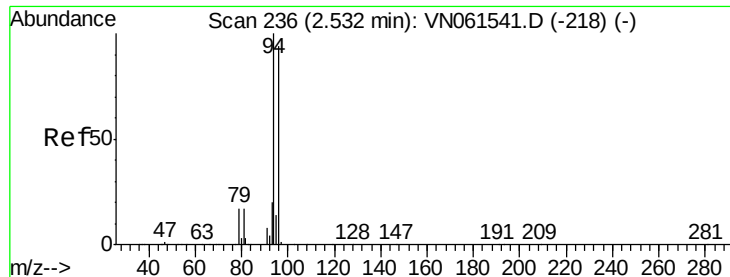
Tgt Ion: 62 Resp: 231832

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 44.89 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

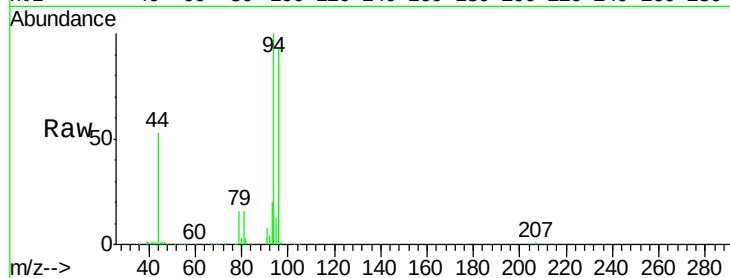
VSTDCCC050EC

Tgt Ion: 94 Resp: 147406

Ion Ratio Lower Upper

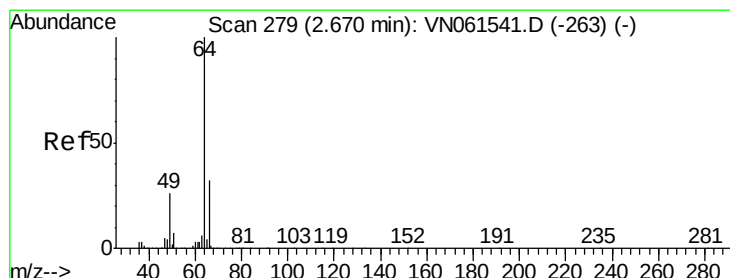
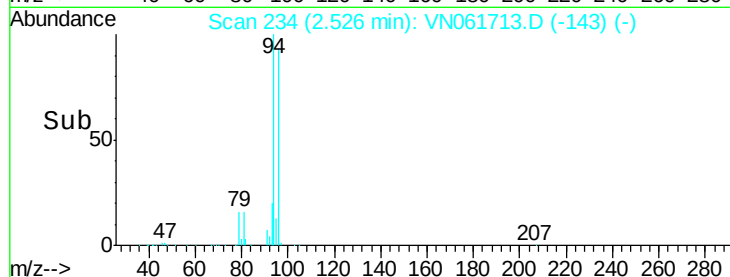
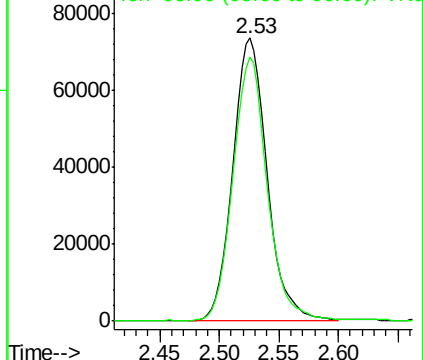
94 100

96 93.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 42.29 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061713.D

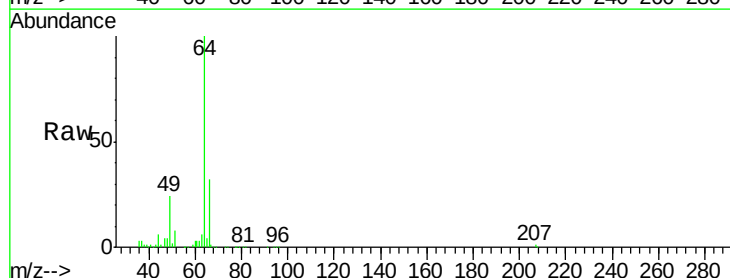
Acq: 8 Jun 2020 21:59

Tgt Ion: 64 Resp: 155774

Ion Ratio Lower Upper

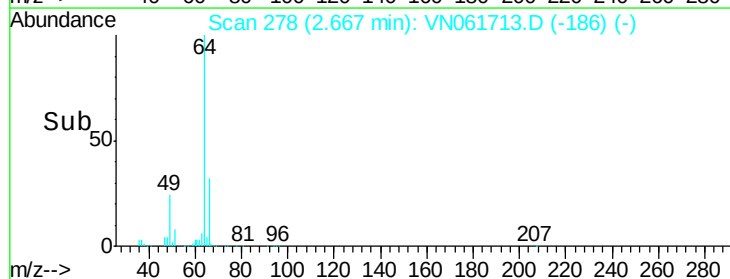
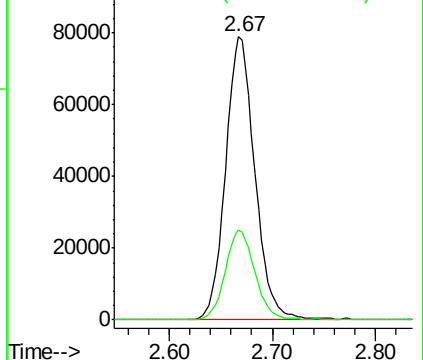
64 100

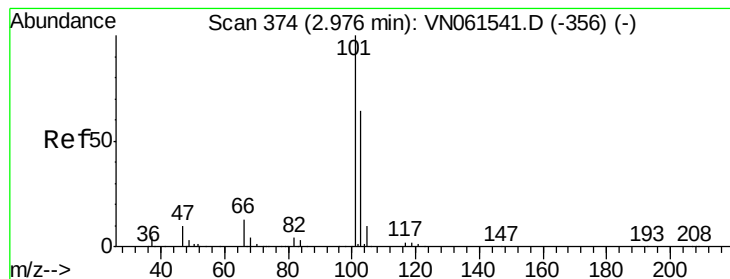
66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



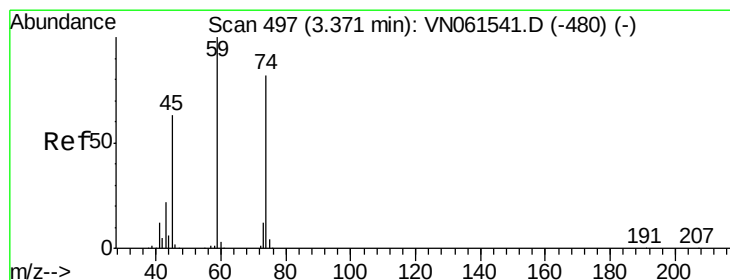
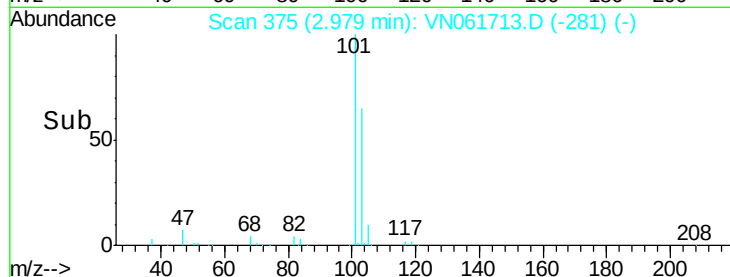
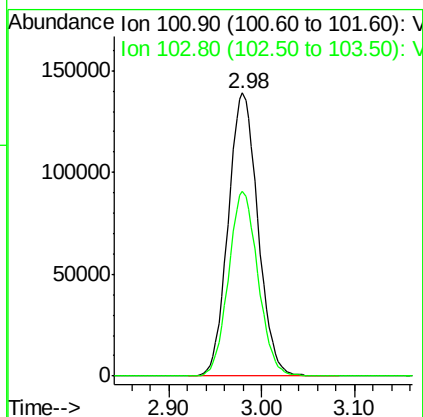
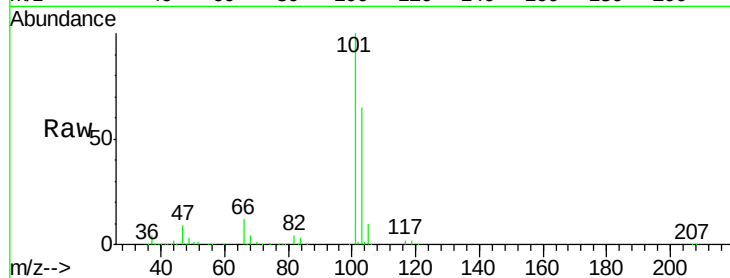


#7

Trichlorofluoromethane
 Concen: 41.92 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

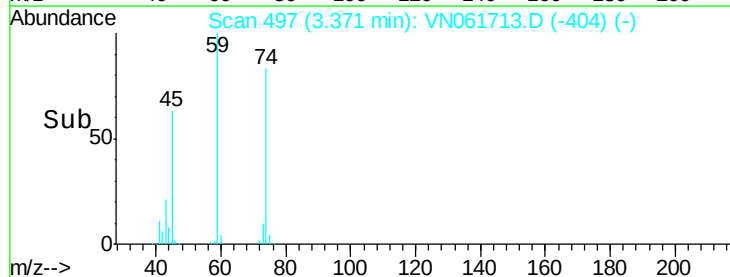
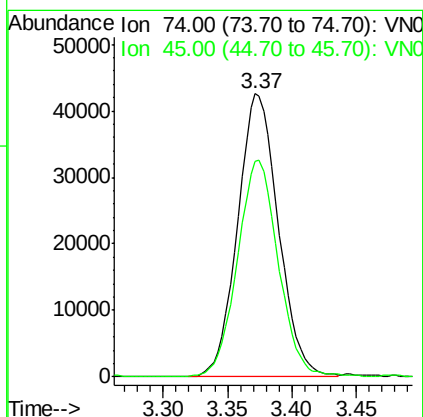
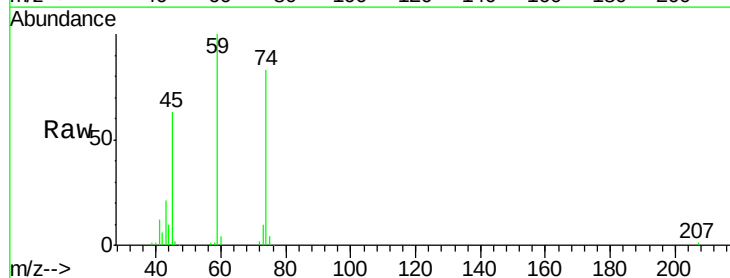
Tgt Ion:101 Resp: 309334
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

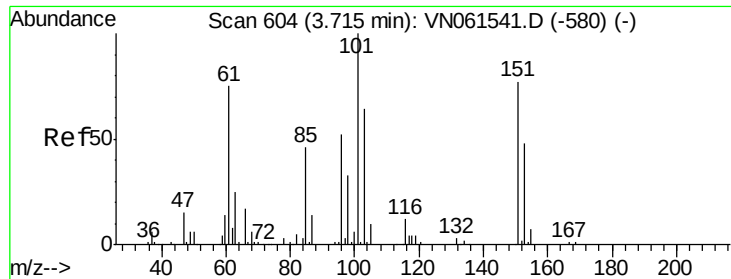


#8

Diethyl Ether
 Concen: 41.42 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 74 Resp: 93459
 Ion Ratio Lower Upper
 74 100
 45 77.0 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.00 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

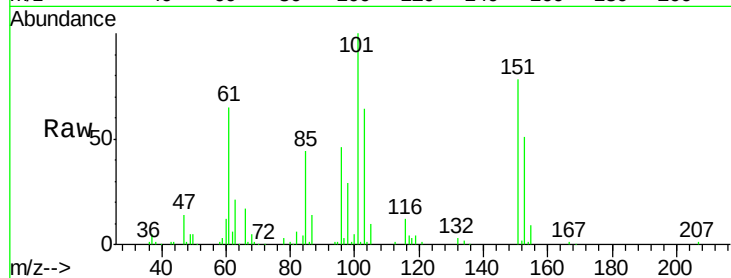
Tgt Ion:101 Resp: 140800

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

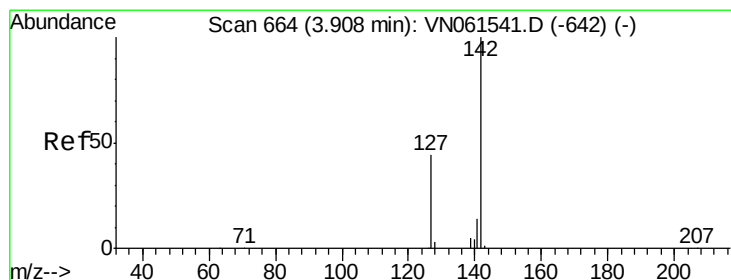
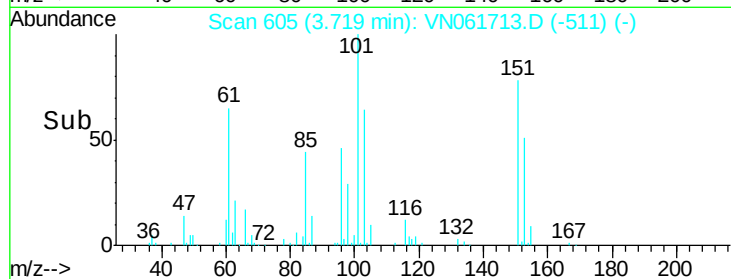
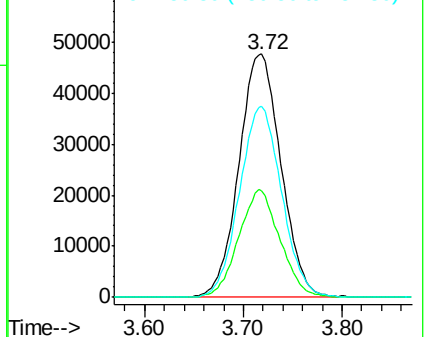
151 78.9 61.0 91.6



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: 42.41 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

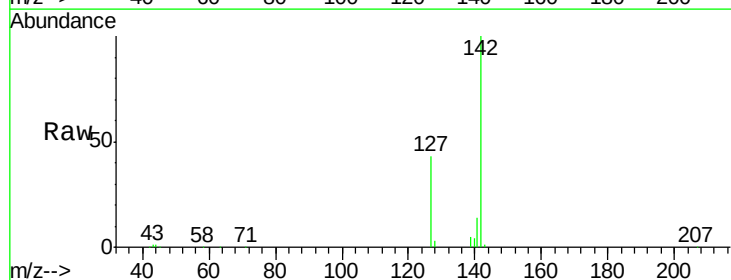
Tgt Ion:142 Resp: 192771

Ion Ratio Lower Upper

142 100

127 42.8 35.5 53.3

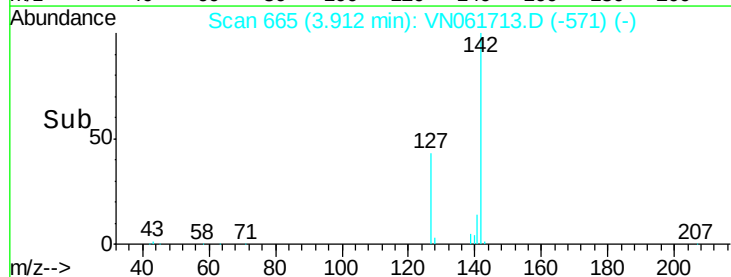
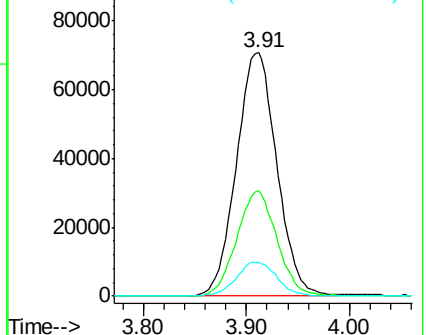
141 14.0 11.5 17.3

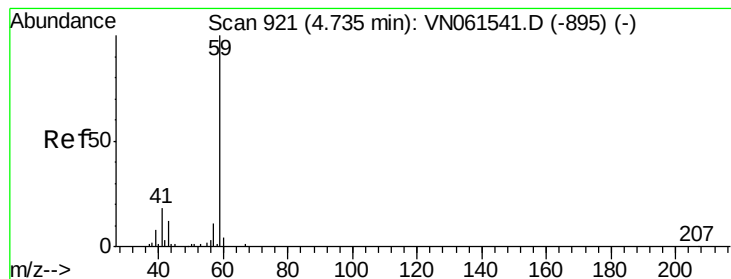


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 202.11 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

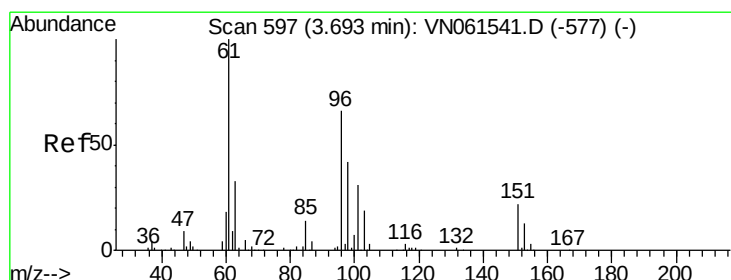
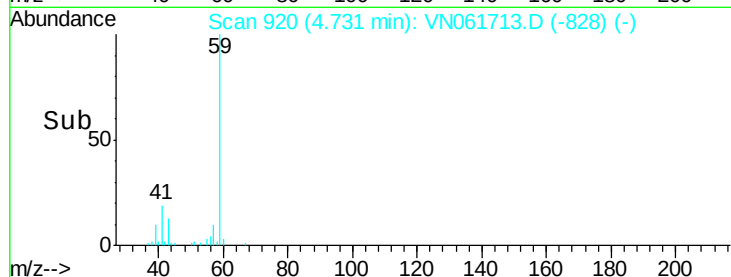
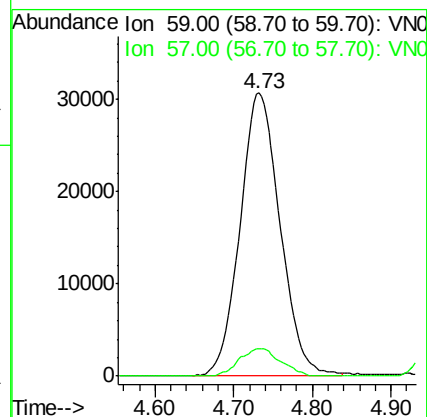
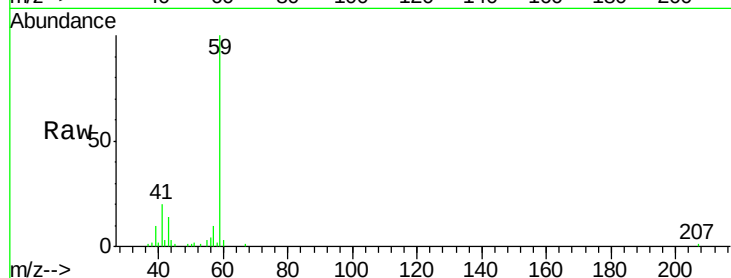
VSTDCCC050EC

Tgt Ion: 59 Resp: 109662

Ion Ratio Lower Upper

59 100

57 9.9 8.4 12.6



#12

1,1-Dichloroethene

Concen: 40.92 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

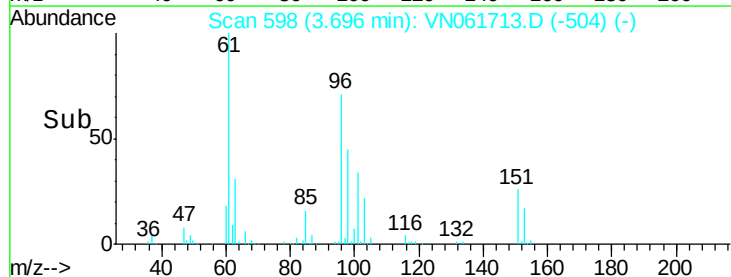
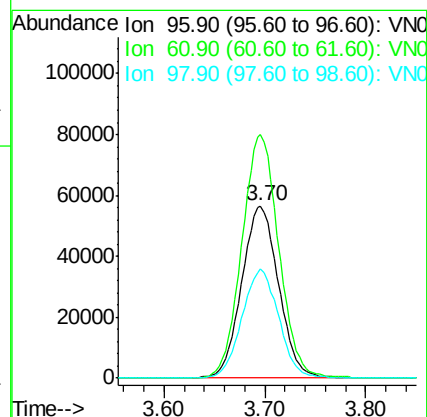
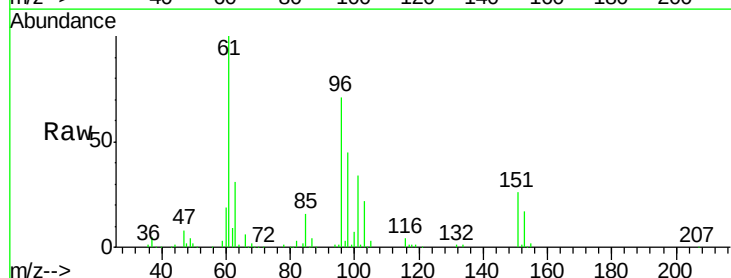
Tgt Ion: 96 Resp: 143162

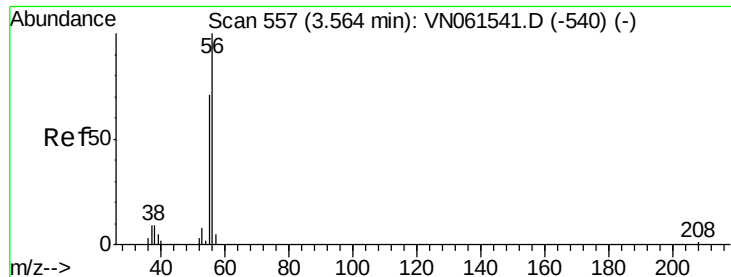
Ion Ratio Lower Upper

96 100

61 141.5 120.5 180.7

98 63.3 50.8 76.2





#13

Acrolein

Concen: 208.15 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

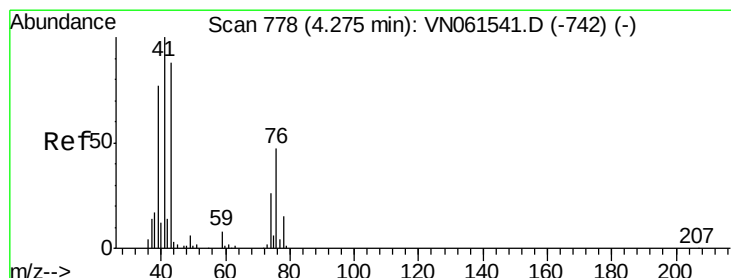
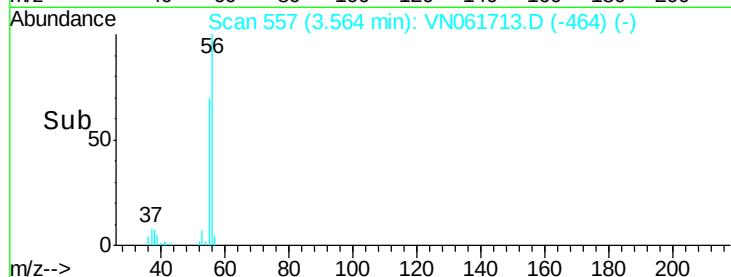
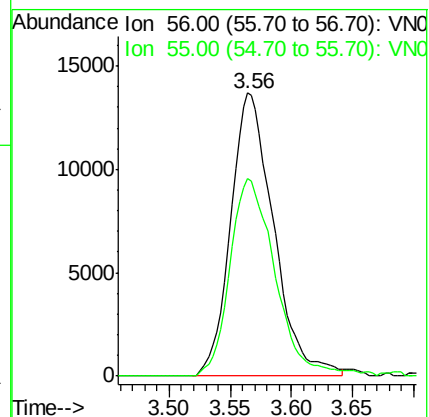
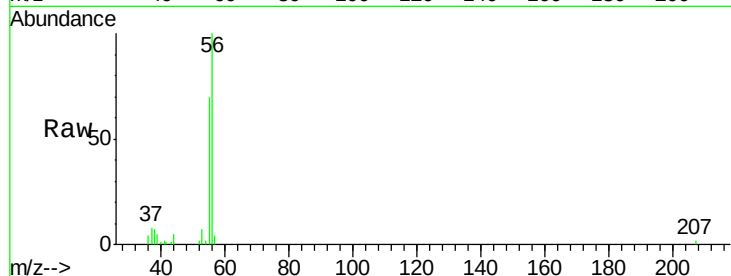
VSTDCCC050EC

Tgt Ion: 56 Resp: 33522

Ion Ratio Lower Upper

56 100

55 72.7 58.0 87.0



#14

Allyl chloride

Concen: 37.88 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

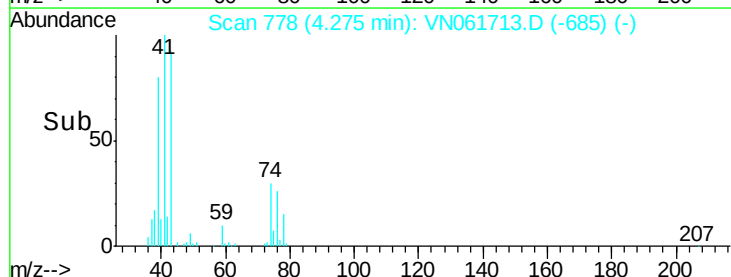
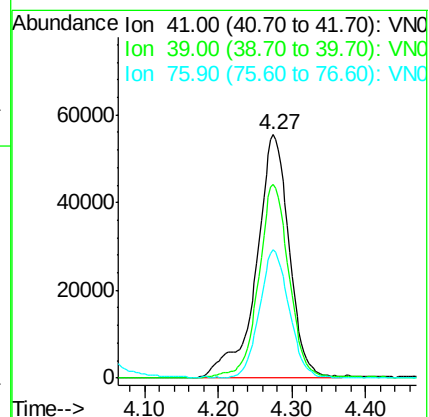
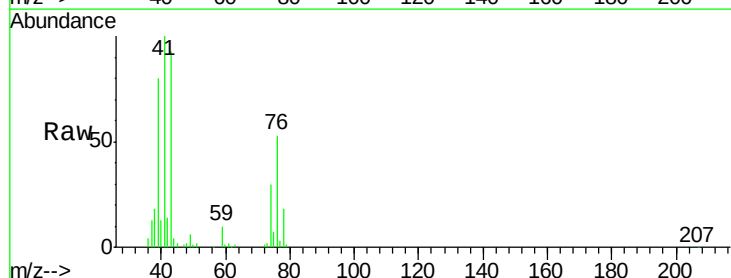
Tgt Ion: 41 Resp: 173272

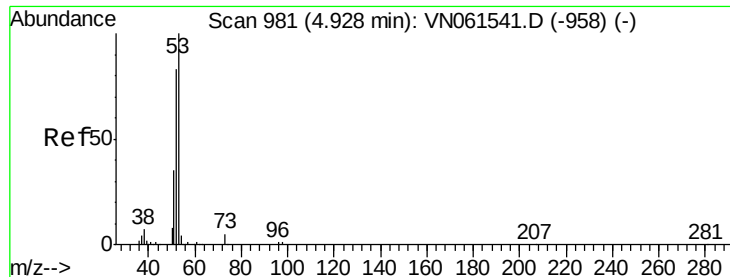
Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 47.4 34.2 51.4





#15

Acrylonitrile

Concen: 210.27 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

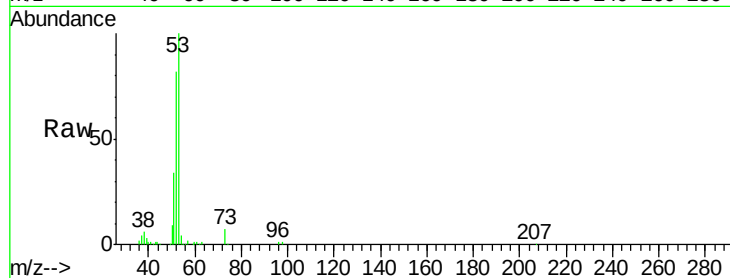
Tgt Ion: 53 Resp: 318447

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.2

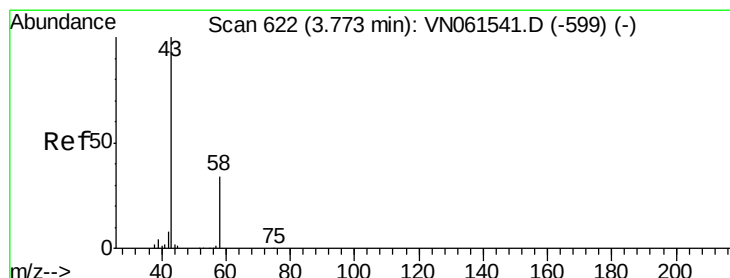
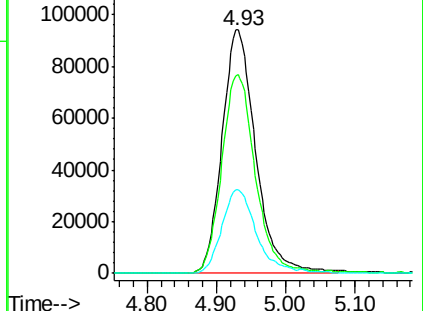
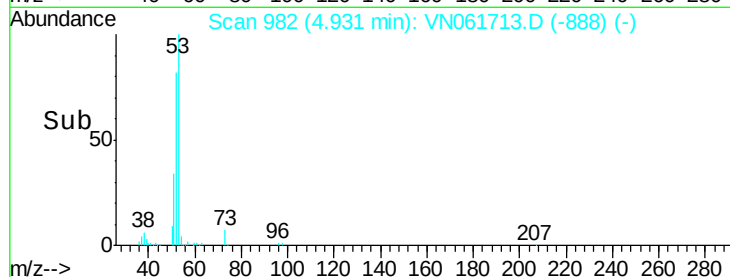
51 34.9 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061713.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061713.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061713.D (-958) (-)



#16

Acetone

Concen: 209.22 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061713.D

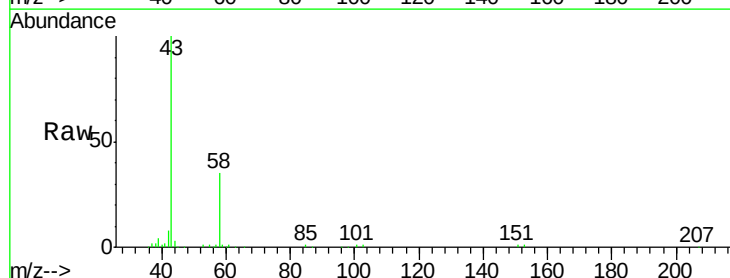
Acq: 8 Jun 2020 21:59

Tgt Ion: 43 Resp: 236349

Ion Ratio Lower Upper

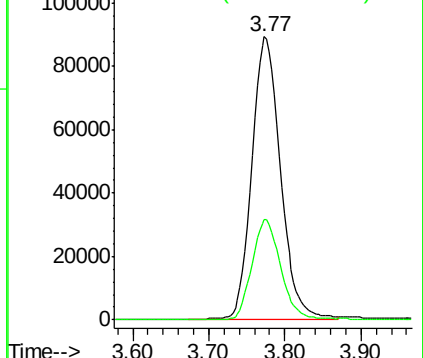
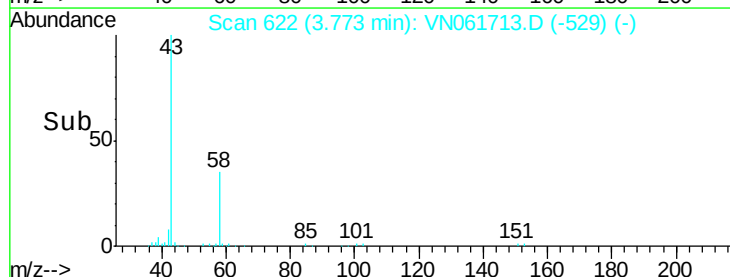
43 100

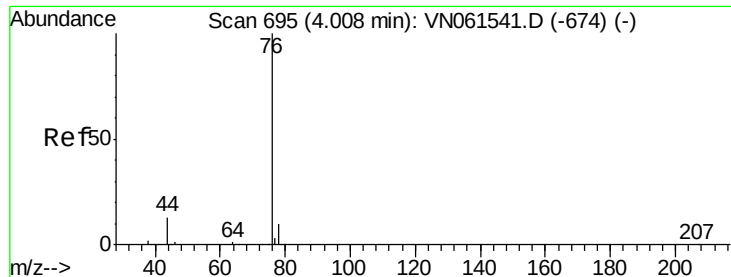
58 35.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061713.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061713.D (-529) (-)





#17

Carbon Disulfide

Concen: 37.93 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

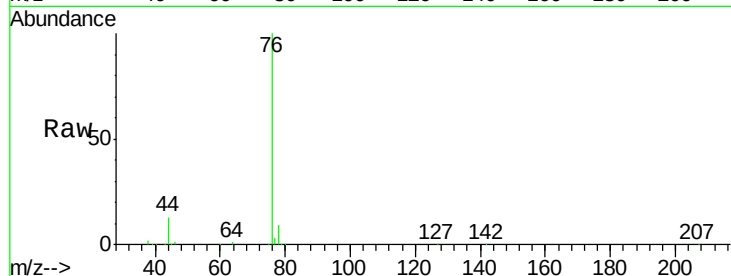
VSTDCCC050EC

Tgt Ion: 76 Resp: 291940

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061713.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061713.D (-674) (-)

4.01

120000

100000

80000

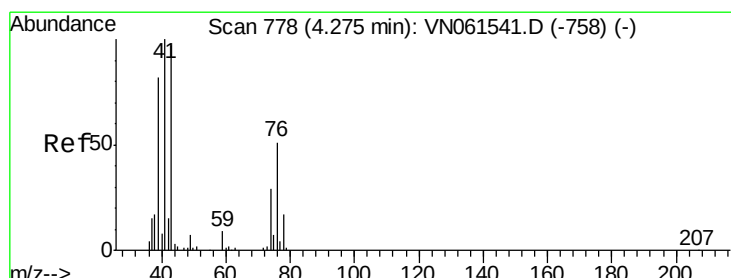
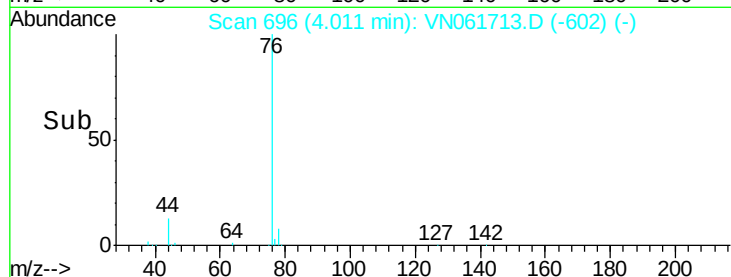
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 40.67 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061713.D

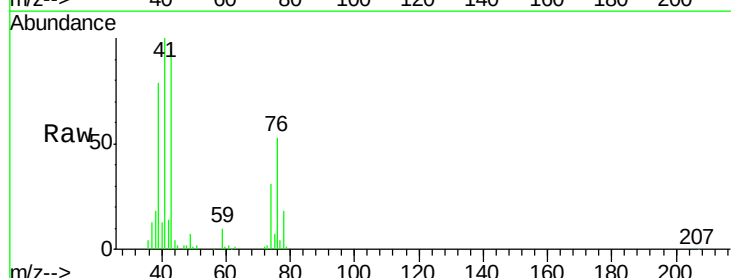
Acq: 8 Jun 2020 21:59

Tgt Ion: 43 Resp: 150191

Ion Ratio Lower Upper

43 100

74 31.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061713.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061713.D (-685) (-)

4.28

60000

50000

40000

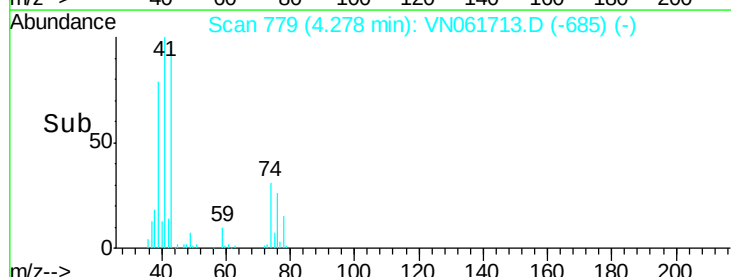
30000

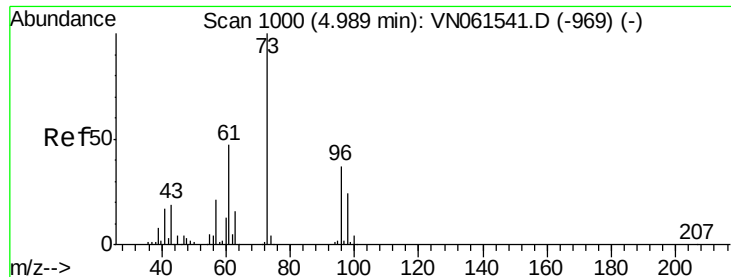
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 41.40 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

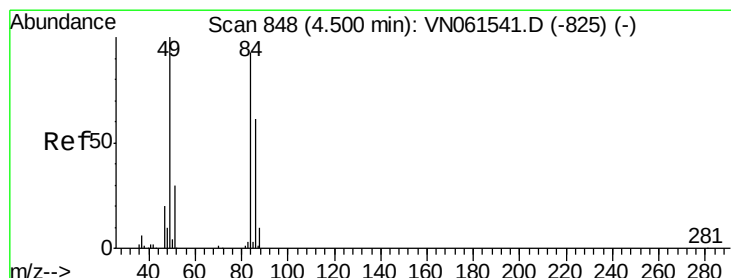
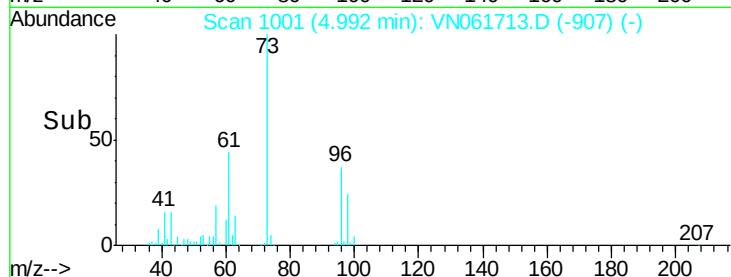
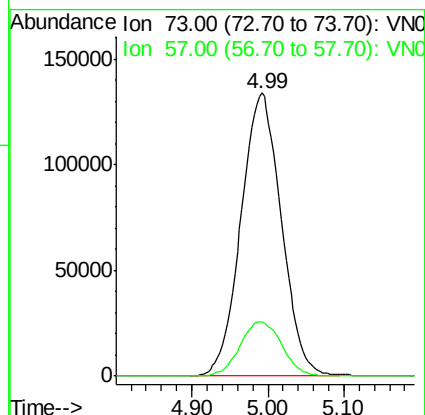
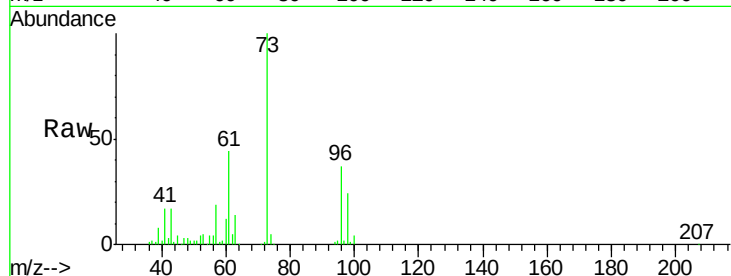
VSTDCCC050EC

Tgt Ion: 73 Resp: 493609

Ion Ratio Lower Upper

73 100

57 19.0 16.4 24.6



#20

Methylene Chloride

Concen: 45.97 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Tgt Ion: 84 Resp: 170950

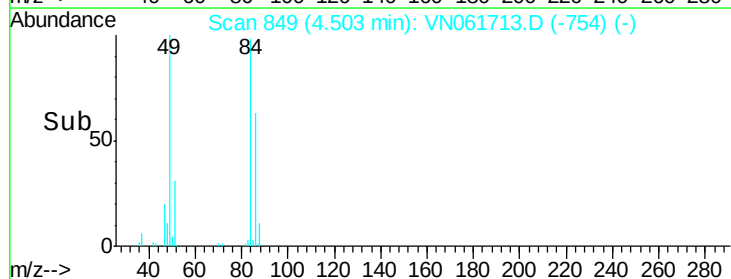
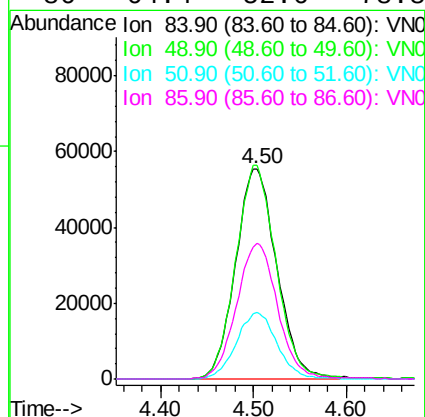
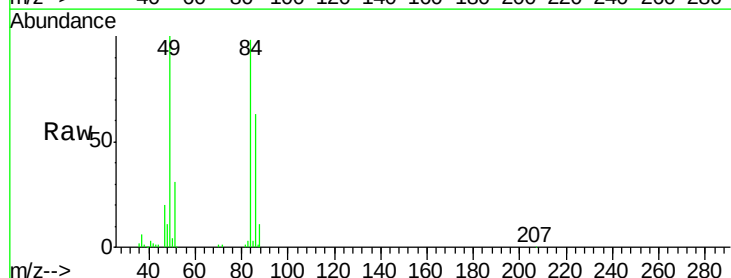
Ion Ratio Lower Upper

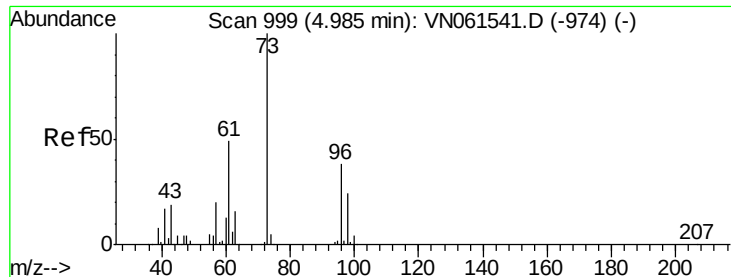
84 100

49 101.7 85.8 128.8

51 31.6 26.2 39.2

86 64.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 41.90 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

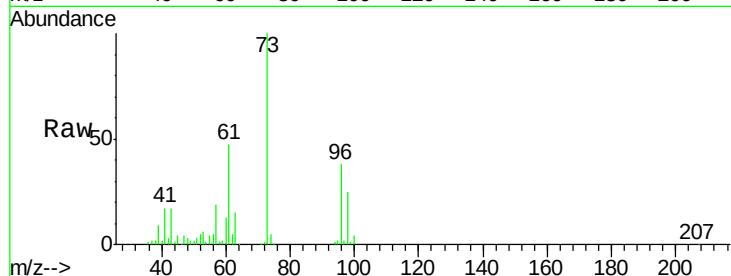
Tgt Ion: 96 Resp: 165302

Ion Ratio Lower Upper

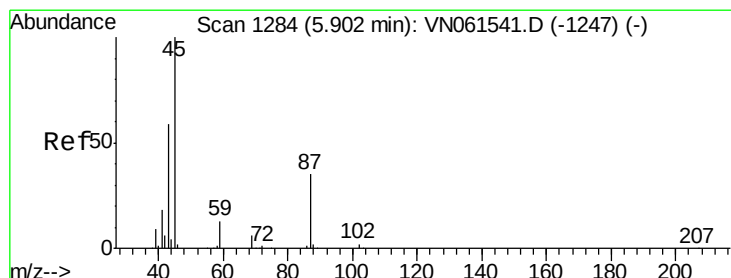
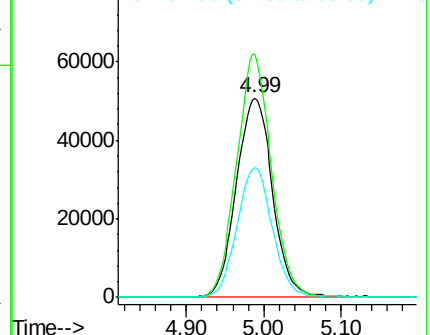
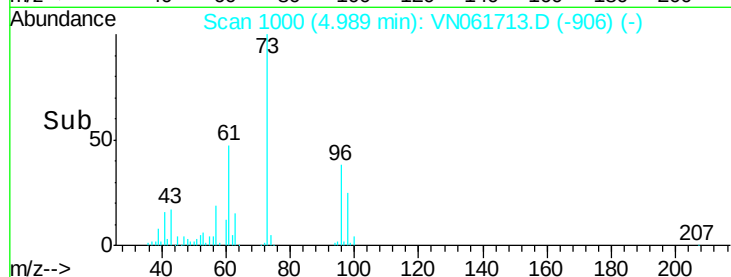
96 100

61 121.4 101.4 152.0

98 65.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061713.D (-1000) (-)



#22

Diisopropyl ether

Concen: 42.15 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Tgt Ion: 45 Resp: 424946

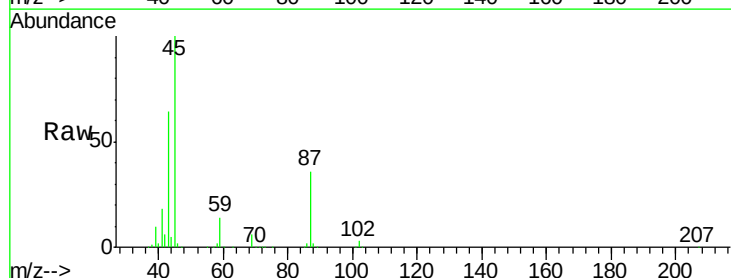
Ion Ratio Lower Upper

45 100

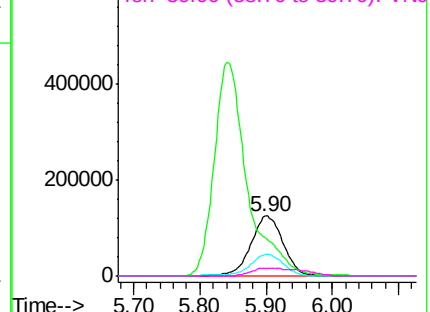
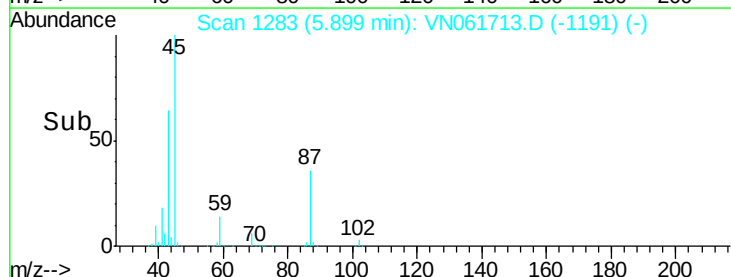
43 62.7 47.9 71.9

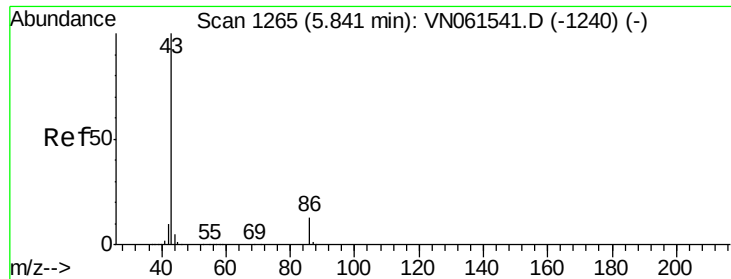
87 36.3 28.4 42.6

59 13.6 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VN061713.D (-1283) (-)





#23

Vinyl Acetate

Concen: 192.73 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

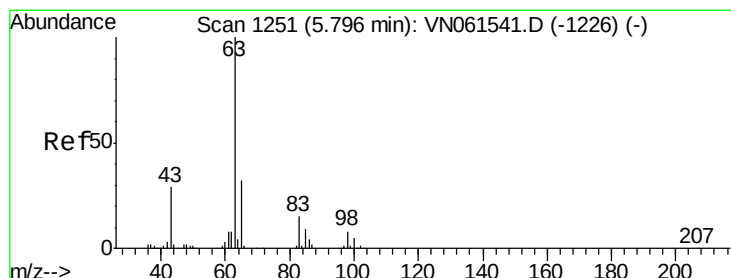
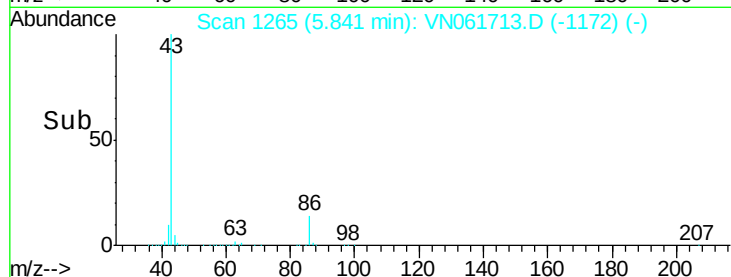
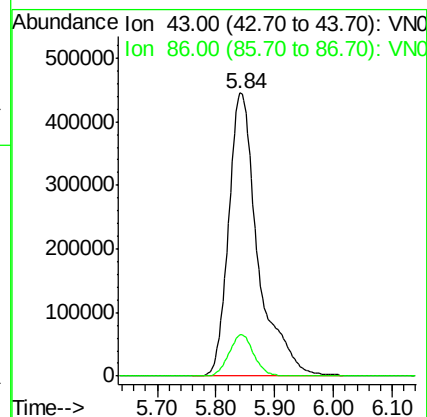
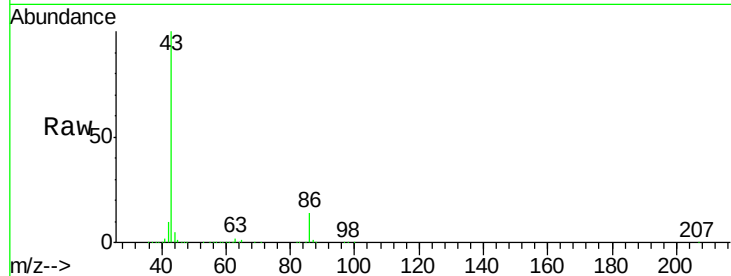
VSTDCCC050EC

Tgt Ion: 43 Resp: 1548465

Ion Ratio Lower Upper

43 100

86 14.5 10.6 16.0



#24

1,1-Dichloroethane

Concen: 42.25 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

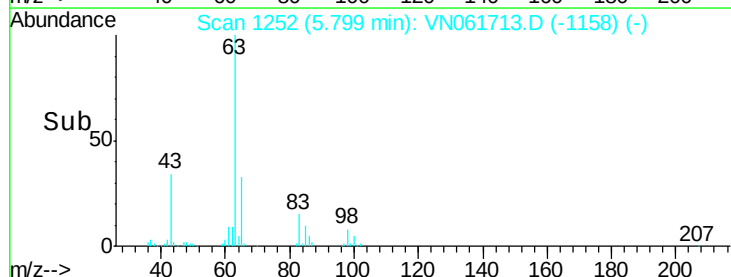
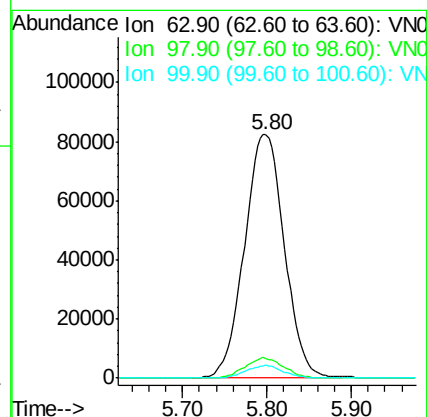
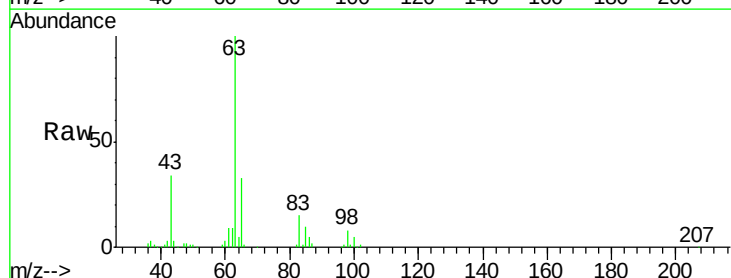
Tgt Ion: 63 Resp: 270069

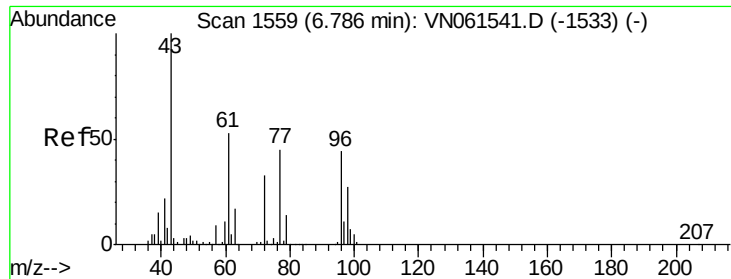
Ion Ratio Lower Upper

63 100

98 8.2 3.8 11.4

100 5.2 2.5 7.6

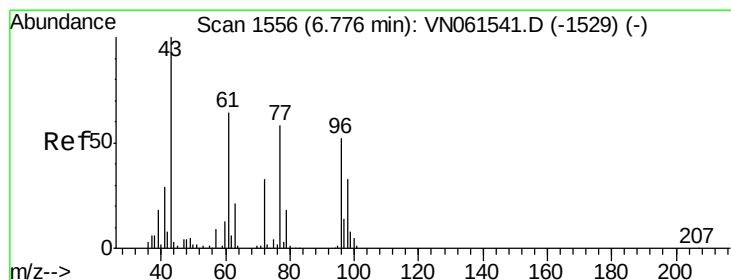
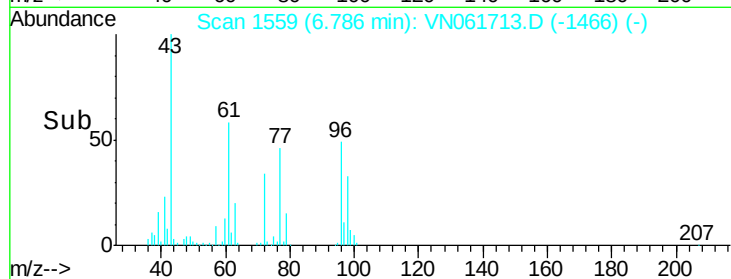
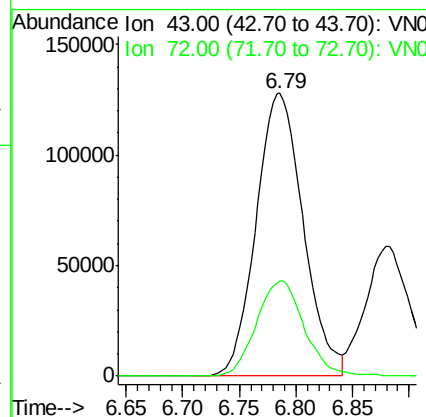
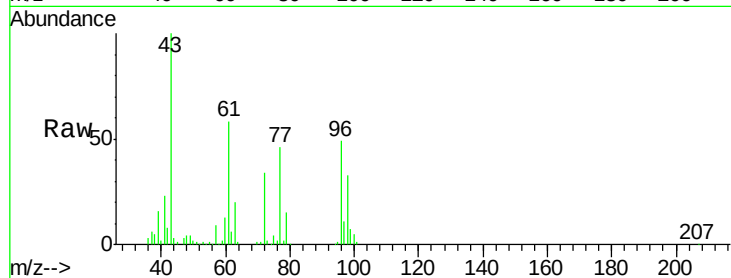




#25
2-Butanone
Concen: 191.57 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

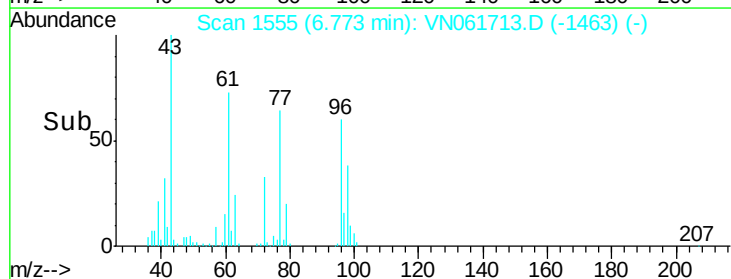
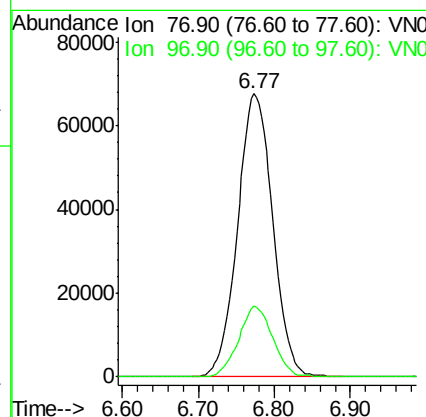
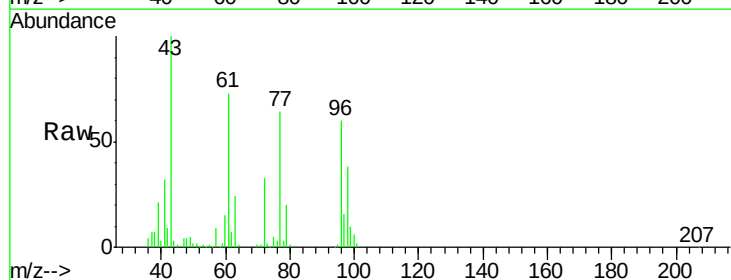
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

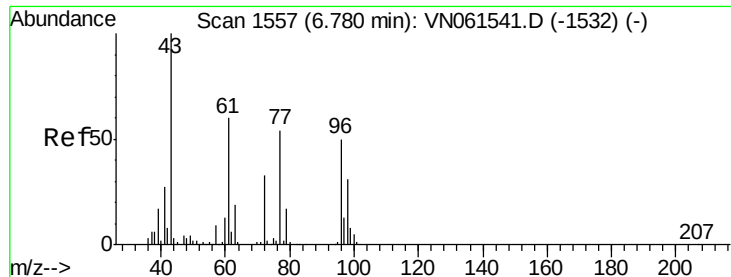
Tgt Ion: 43 Resp: 370346
Ion Ratio Lower Upper
43 100
72 33.5 26.0 39.0



#26
2,2-Dichloropropane
Concen: 37.05 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 77 Resp: 216748
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 43.62 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

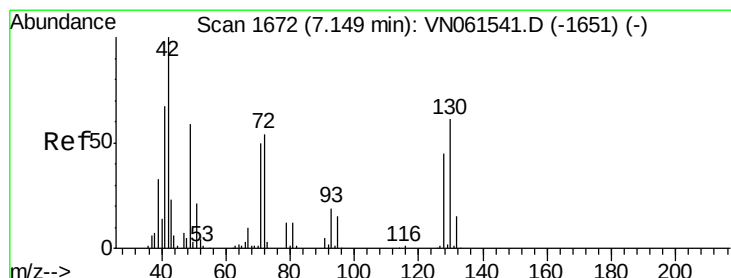
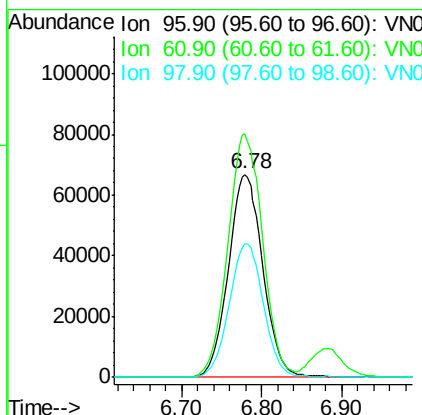
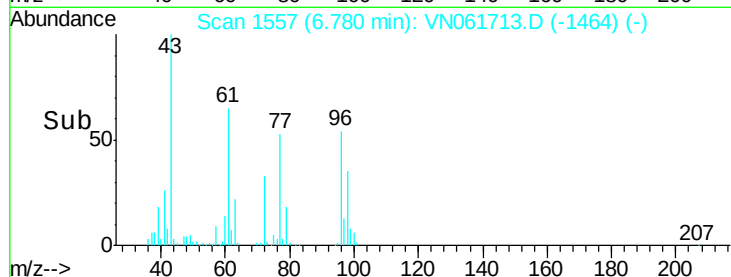
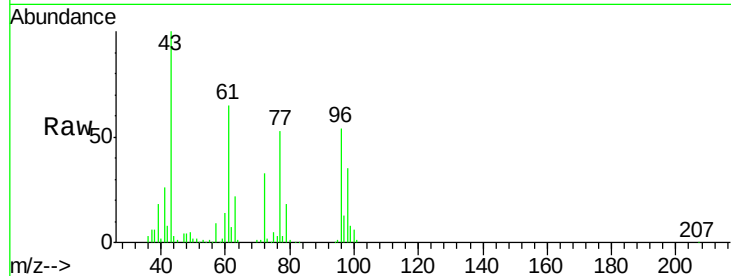
Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 194863

Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	252.2
98	65.0	0.0	129.2



#28

Bromochloromethane

Concen: 47.50 ug/l

RT: 7.15 min Scan# 1672

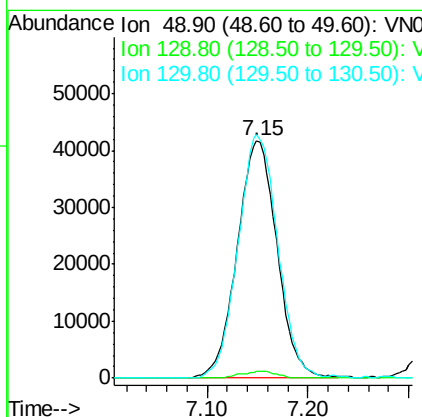
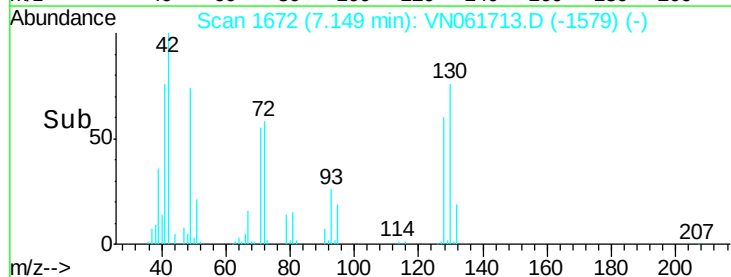
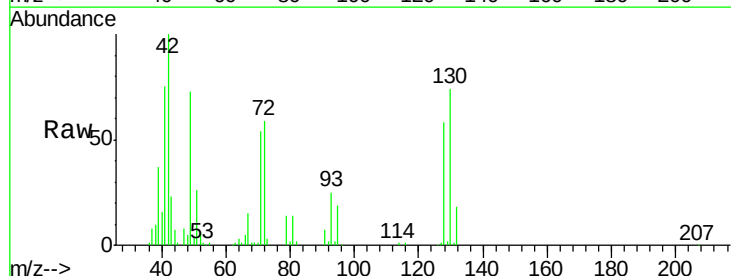
Delta R.T. 0.00 min

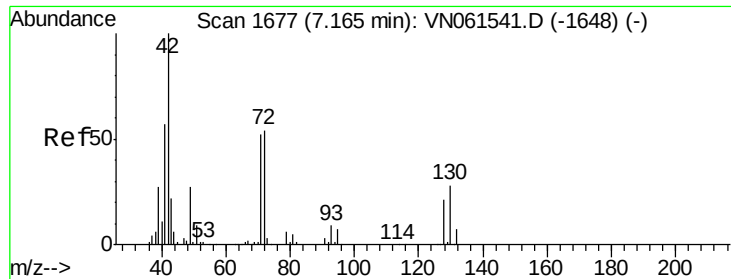
Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Tgt Ion: 49 Resp: 114147

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	102.2	78.8	118.2

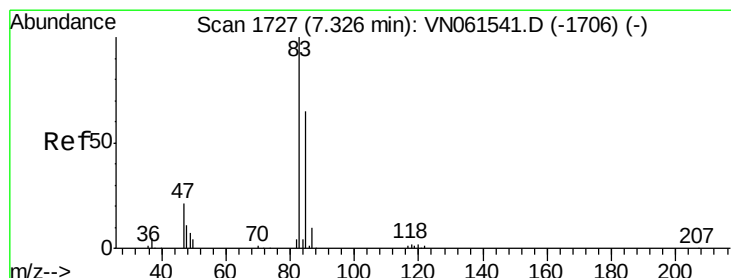
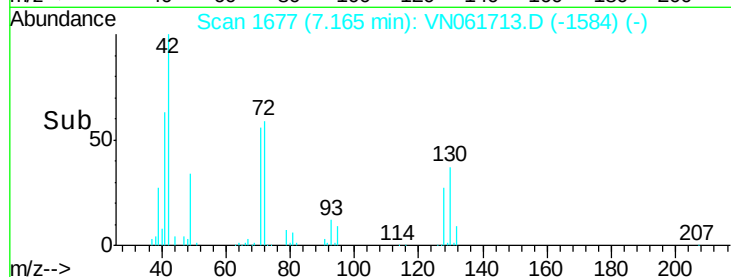
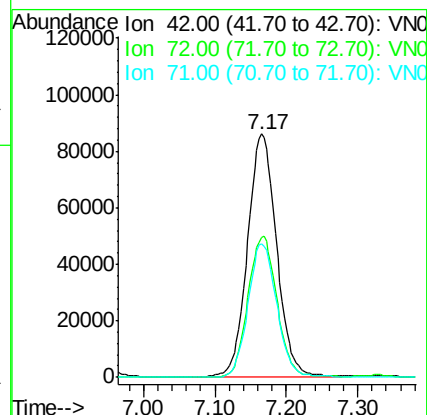
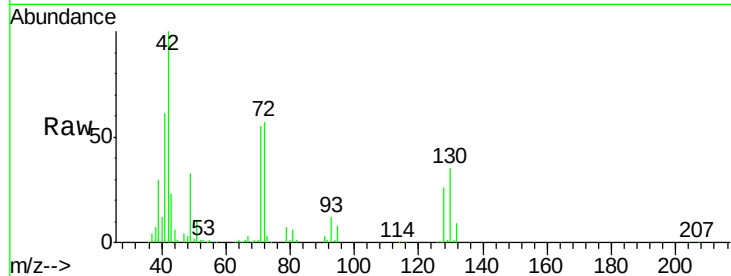




#29
Tetrahydrofuran
Concen: 192.63 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

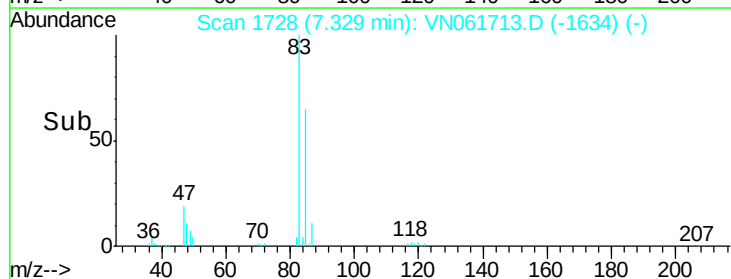
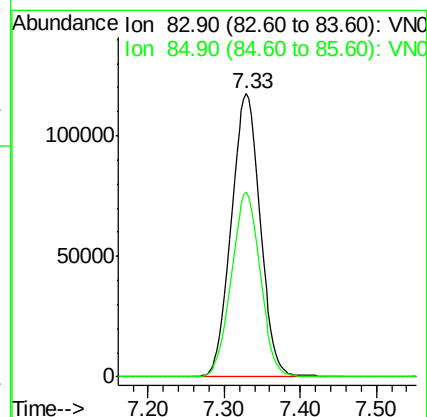
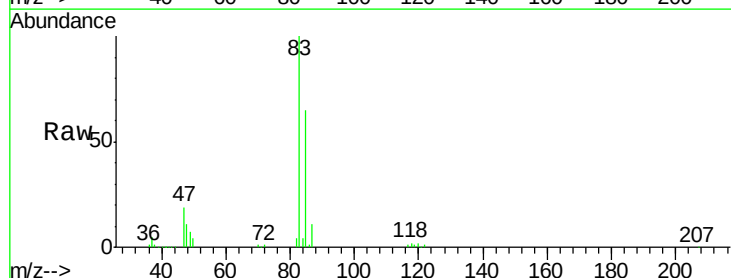
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

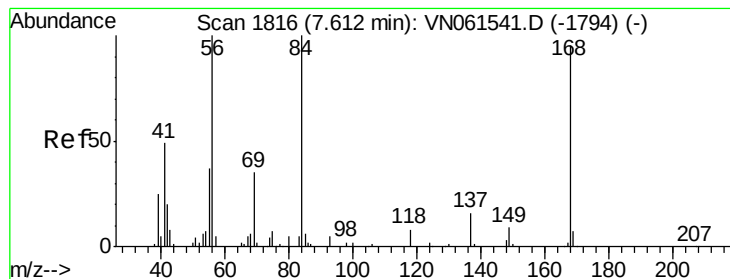
Tgt Ion: 42 Resp: 245567
Ion Ratio Lower Upper
42 100
72 57.3 43.6 65.4
71 53.9 41.2 61.8



#30
Chloroform
Concen: 44.04 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 83 Resp: 311467
Ion Ratio Lower Upper
83 100
85 65.5 51.7 77.5





#31

Cyclohexane

Concen: 37.82 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

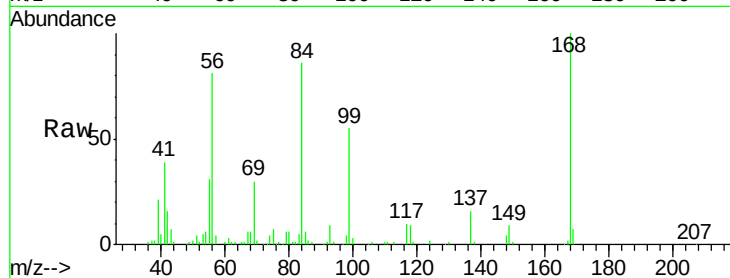
Tgt Ion: 56 Resp: 217426

Ion Ratio Lower Upper

56 100

69 37.2 27.8 41.8

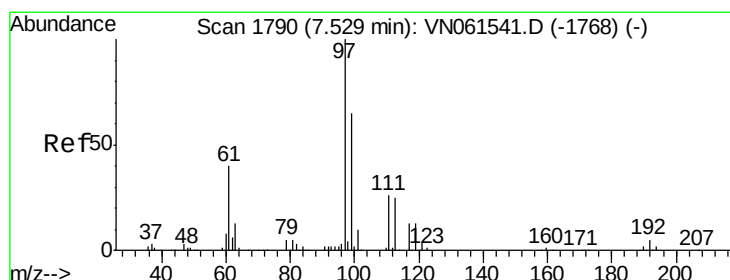
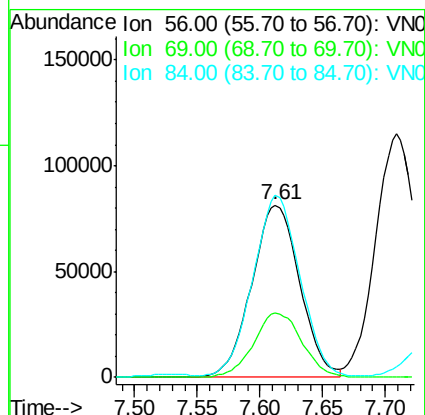
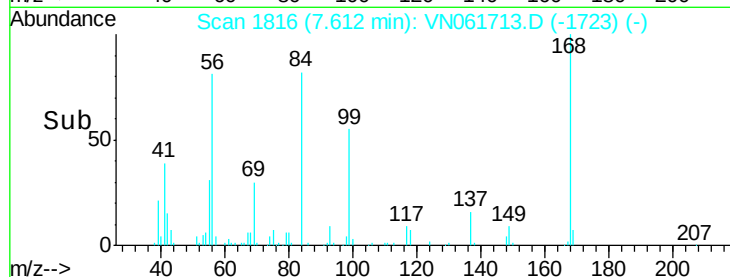
84 104.2 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061713.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061713.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061713.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 42.67 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

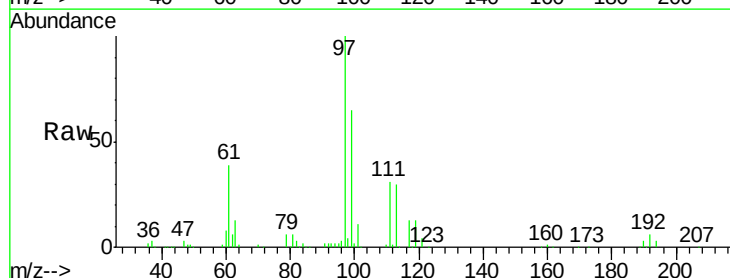
Tgt Ion: 97 Resp: 274993

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

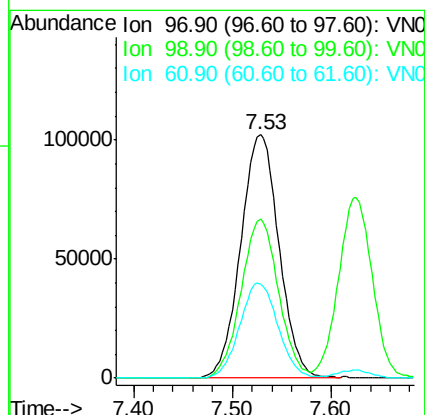
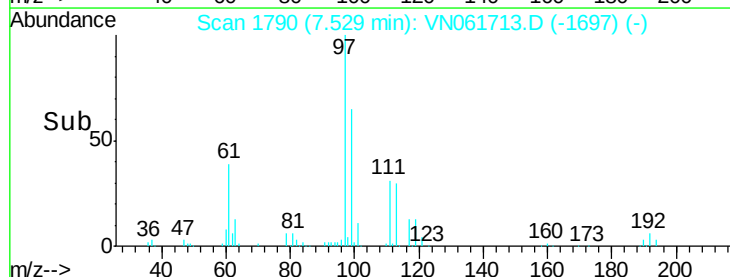
61 39.0 31.4 47.0

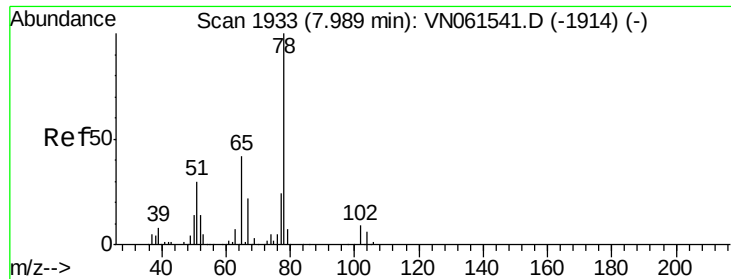


Abundance Ion 96.90 (96.60 to 97.60): VN061713.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061713.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061713.D (-1697) (-)

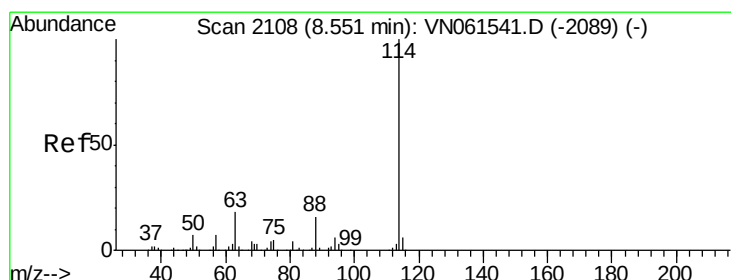
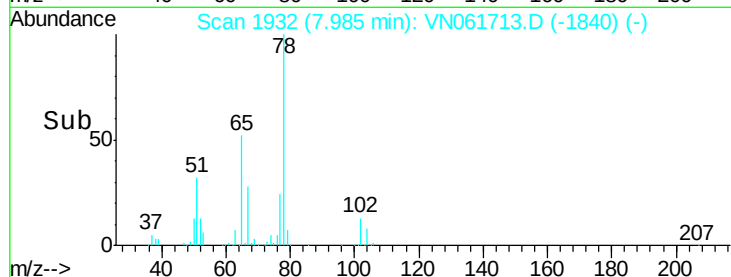
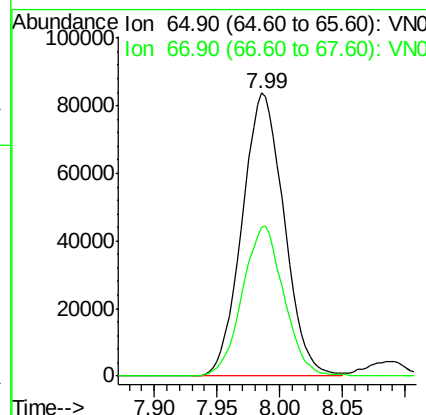
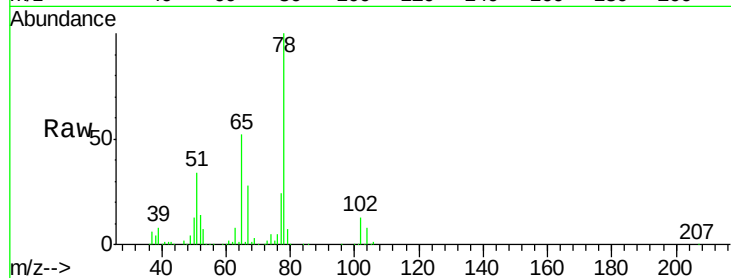




#33
 1,2-Dichloroethane-d4
 Concen: 47.86 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

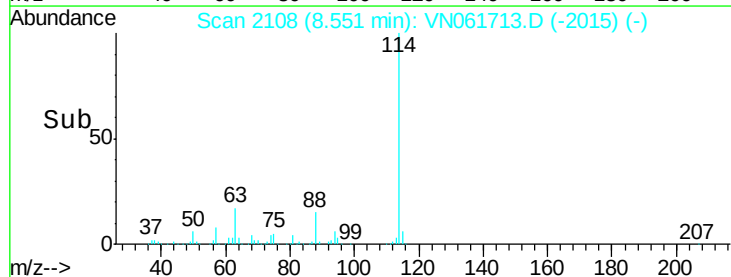
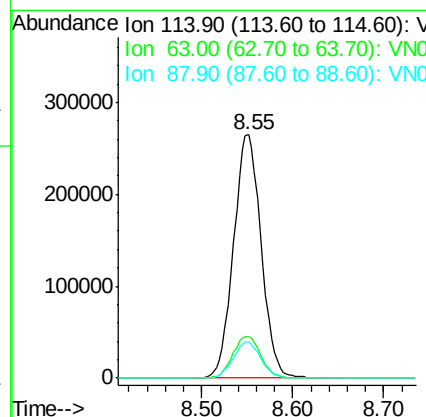
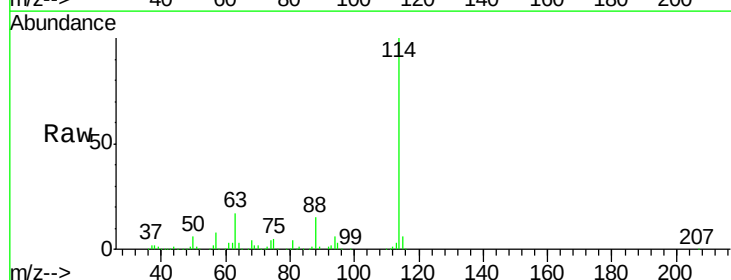
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

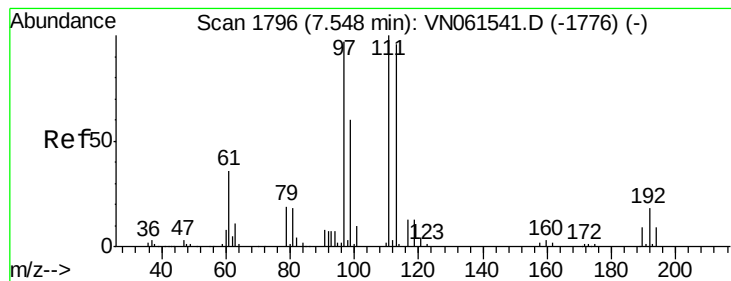
Tgt Ion: 65 Resp: 195231
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 114 Resp: 557911
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.72 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

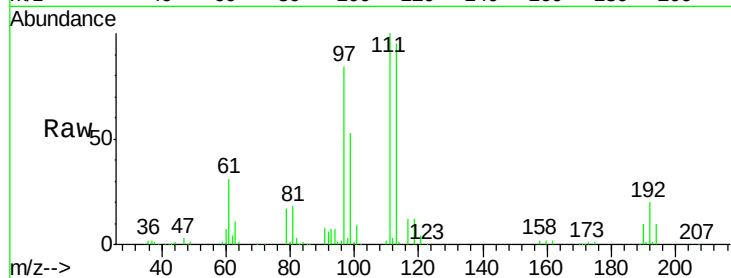
Tgt Ion:113 Resp: 154873

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

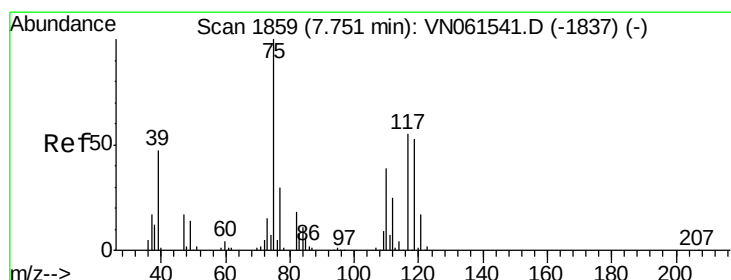
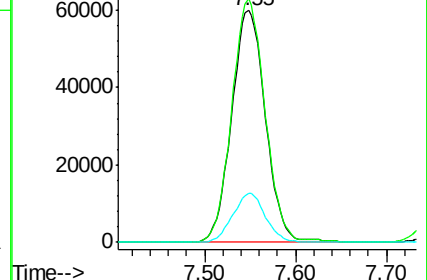
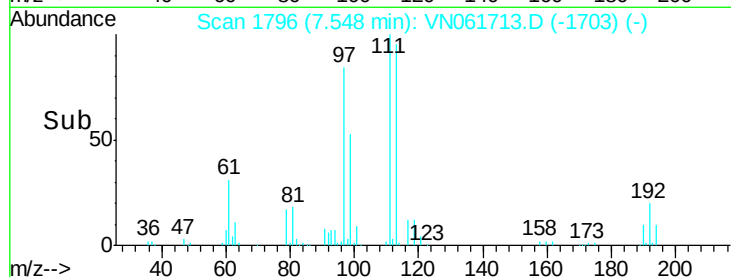
192 20.3 15.4 23.2



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: 43.17 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

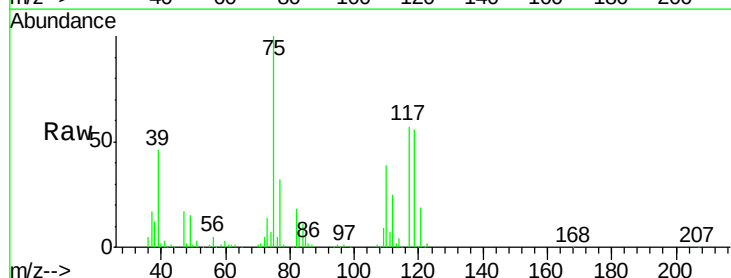
Tgt Ion: 75 Resp: 213210

Ion Ratio Lower Upper

75 100

110 39.0 19.5 58.5

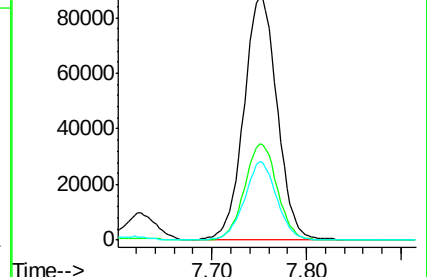
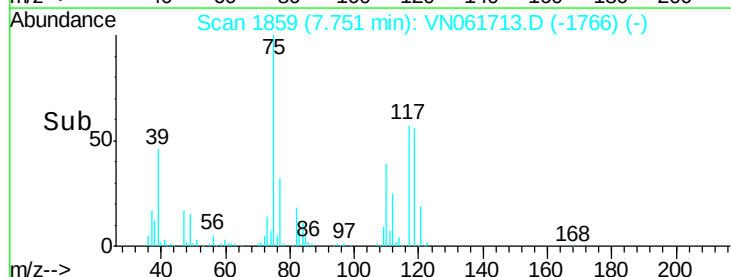
77 31.5 24.7 37.1

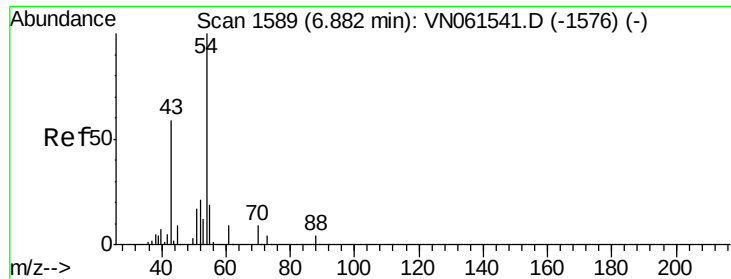


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

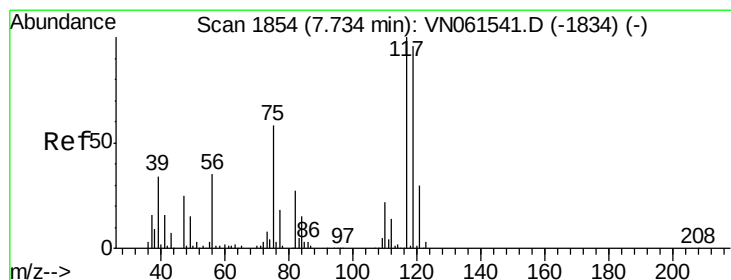
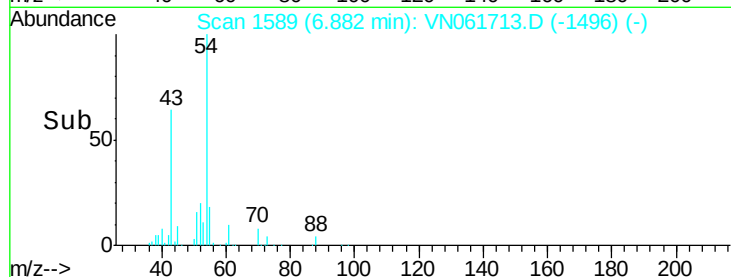
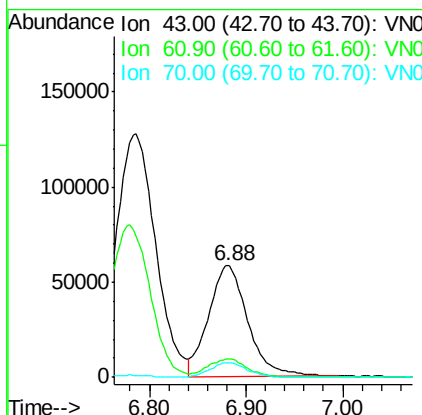
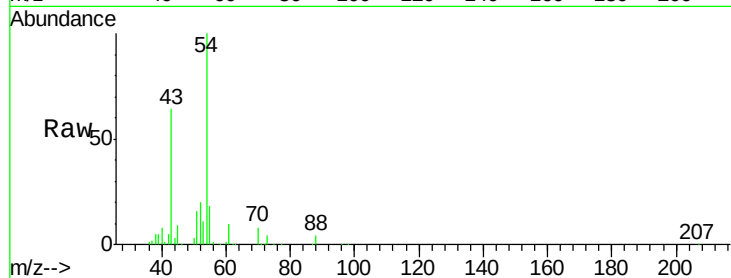




#37
Ethyl Acetate
 Concen: 41.40 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

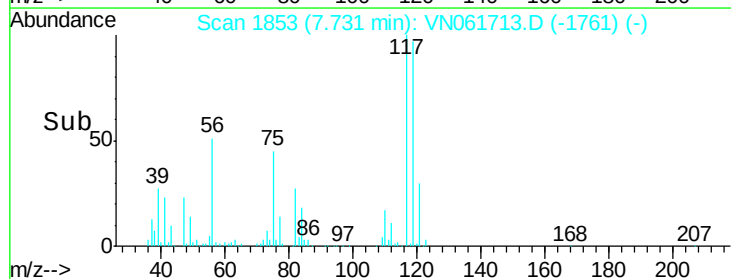
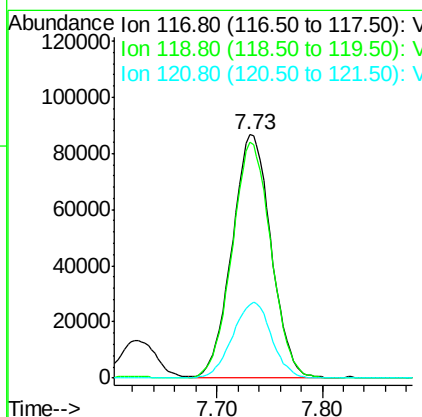
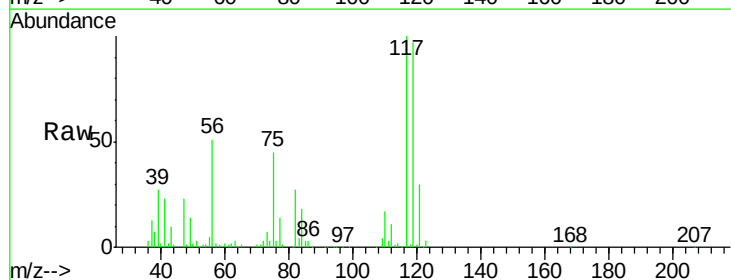
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

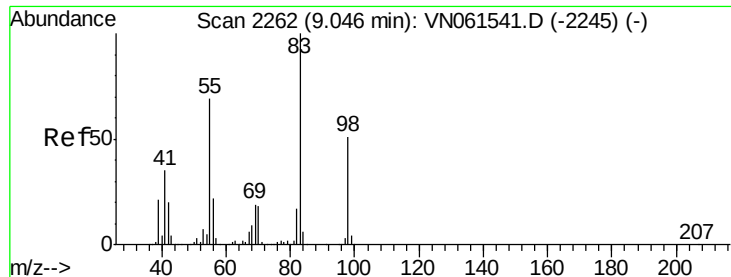
Tgt Ion: 43 Resp: 164670
 Ion Ratio Lower Upper
 43 100
 61 17.1 12.2 18.4
 70 12.7 9.4 14.2



#38
Carbon Tetrachloride
 Concen: 46.81 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 117 Resp: 222999
 Ion Ratio Lower Upper
 117 100
 119 96.7 76.5 114.7
 121 30.2 24.1 36.1

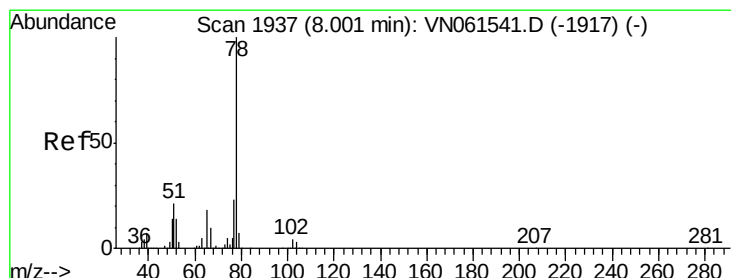
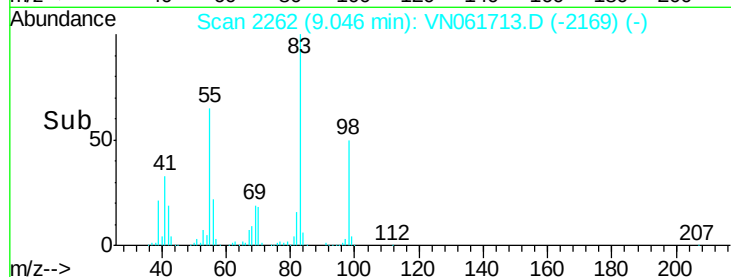
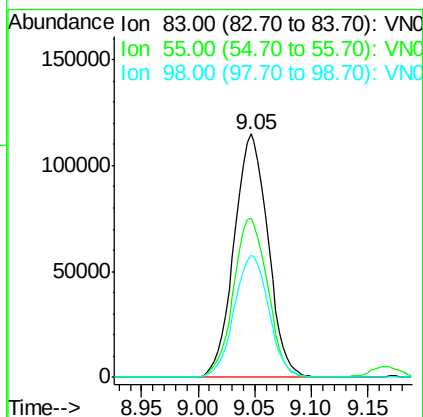
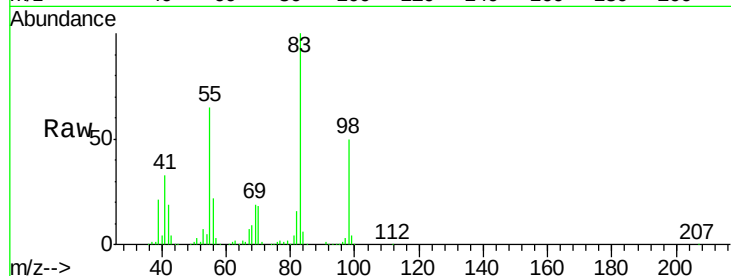




#39
Methylcyclohexane
Concen: 39.43 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

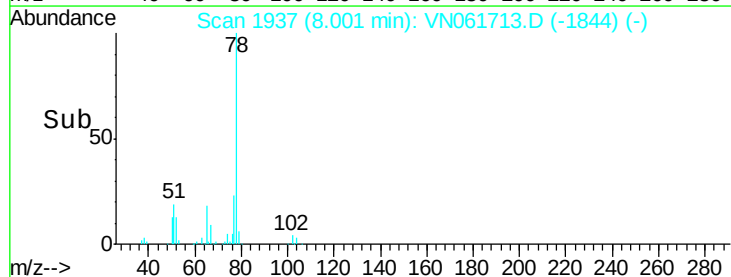
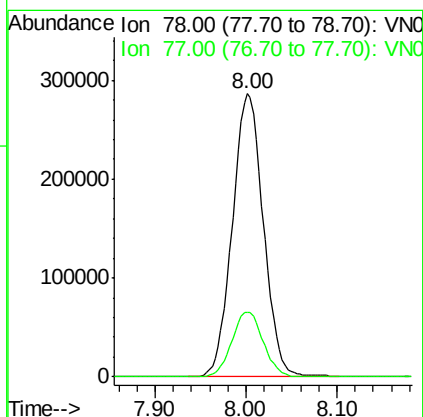
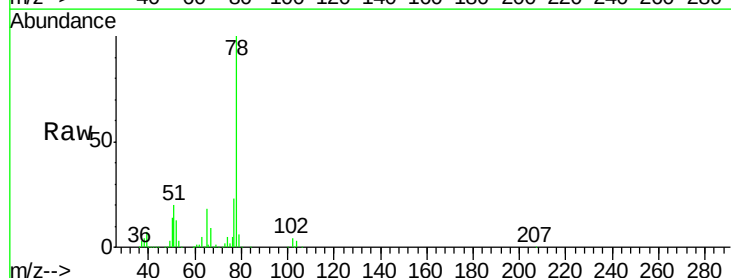
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

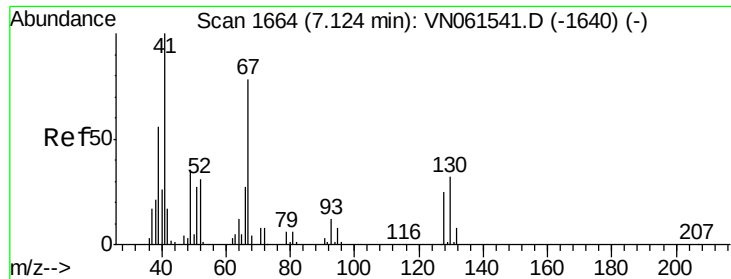
Tgt Ion: 83 Resp: 240006
Ion Ratio Lower Upper
83 100
55 65.2 54.9 82.3
98 49.9 41.0 61.4



#40
Benzene
Concen: 44.49 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 78 Resp: 678031
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

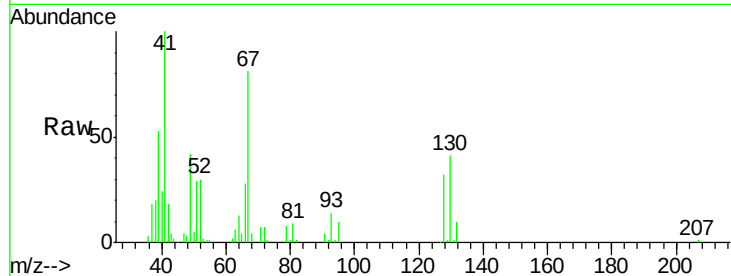




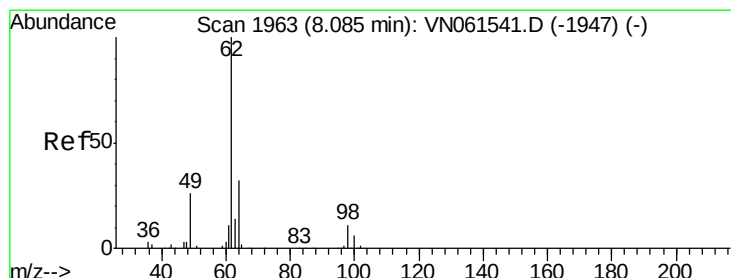
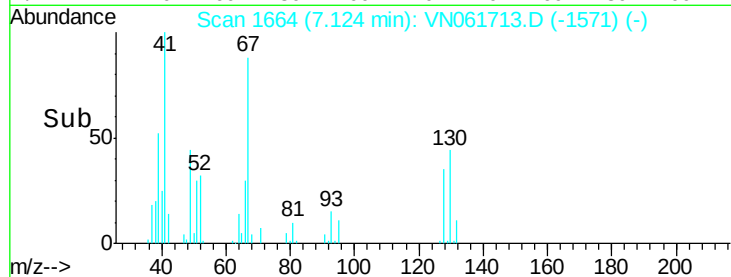
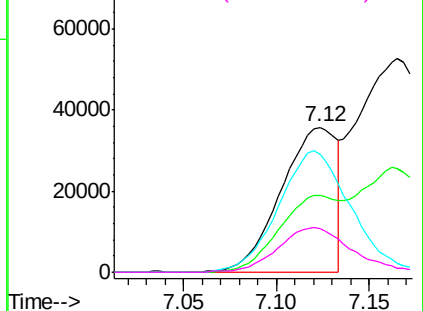
#41
Methacrylonitrile
Concen: 40.91 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 74560
Ion Ratio Lower Upper
41 100
39 58.9 53.8 80.6
67 109.1 91.1 136.7
52 41.2 36.0 54.0

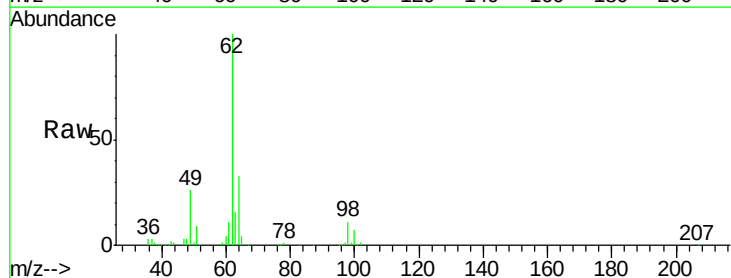


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

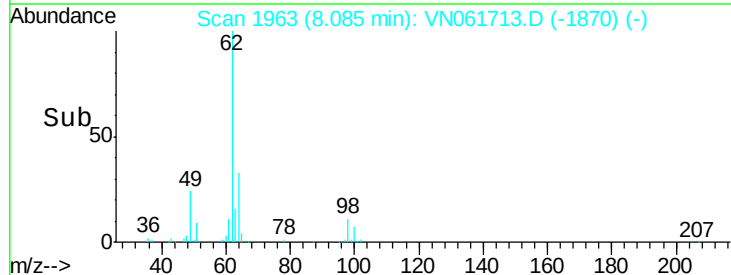
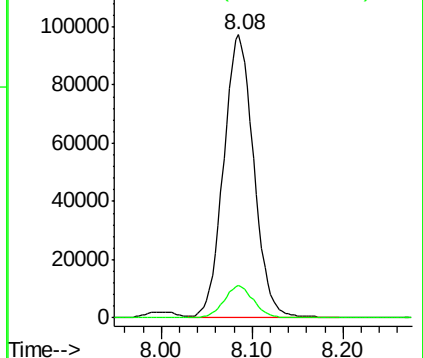


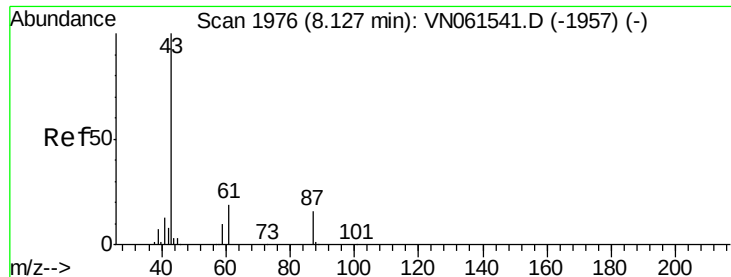
#42
1,2-Dichloroethane
Concen: 43.76 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 62 Resp: 223250
Ion Ratio Lower Upper
62 100
98 11.2 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: 40.17 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

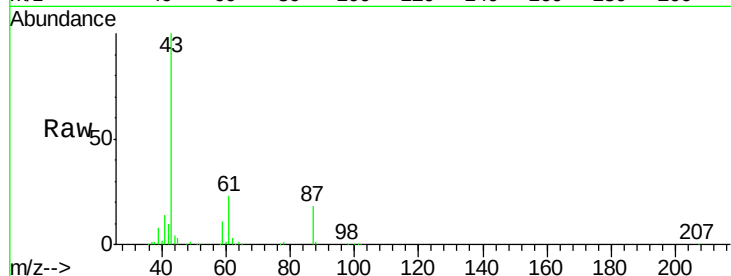
Tgt Ion: 43 Resp: 287514

Ion Ratio Lower Upper

43 100

61 23.9 23.6 35.4

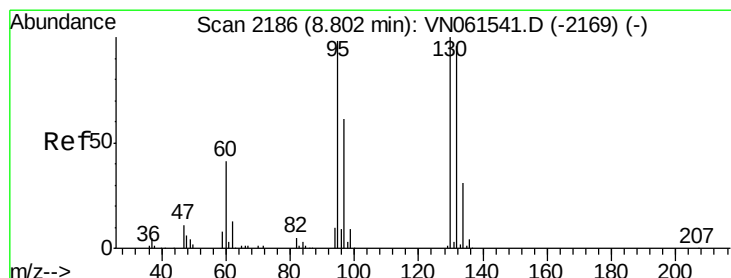
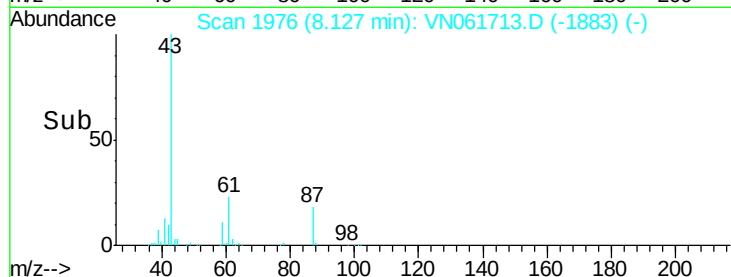
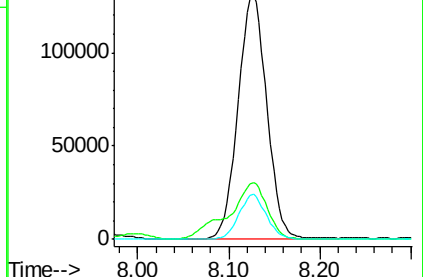
87 17.5 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061713.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN061713.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN061713.D (-1883) (-)



#44

Trichloroethene

Concen: 43.87 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061713.D

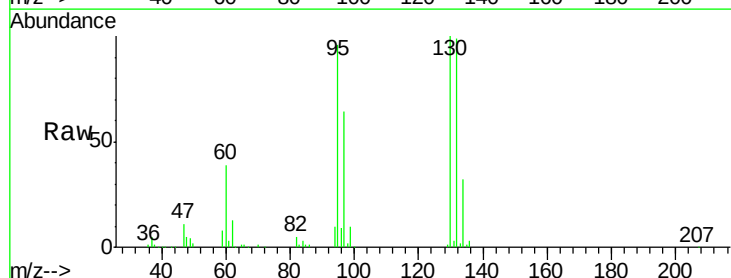
Acq: 8 Jun 2020 21:59

Tgt Ion: 130 Resp: 205477

Ion Ratio Lower Upper

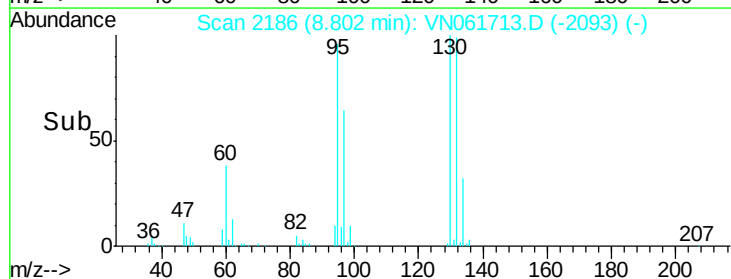
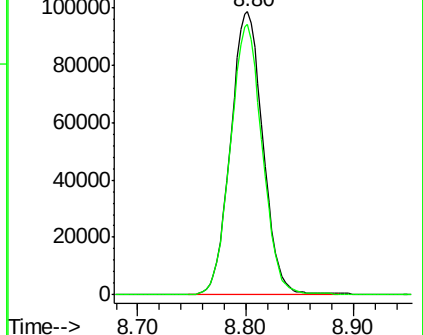
130 100

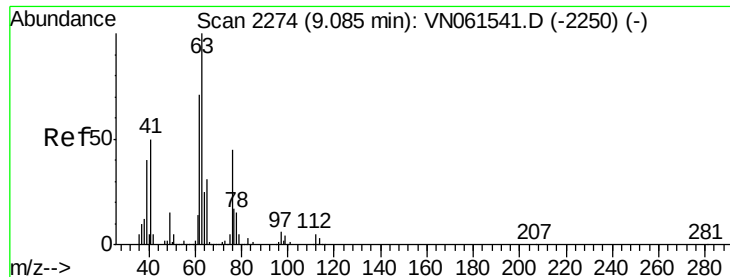
95 95.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061713.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN061713.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 45.98 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

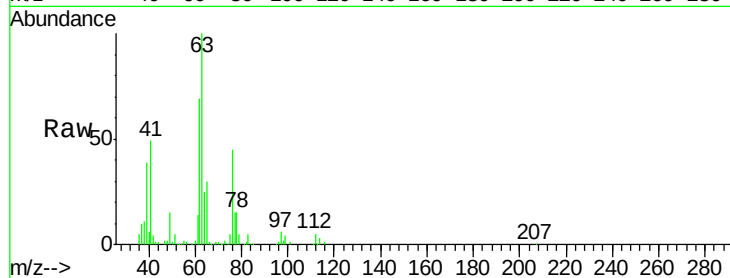
VSTDCCC050EC

Tgt Ion: 63 Resp: 166372

Ion Ratio Lower Upper

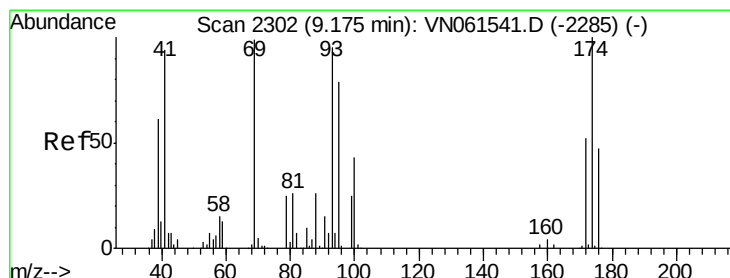
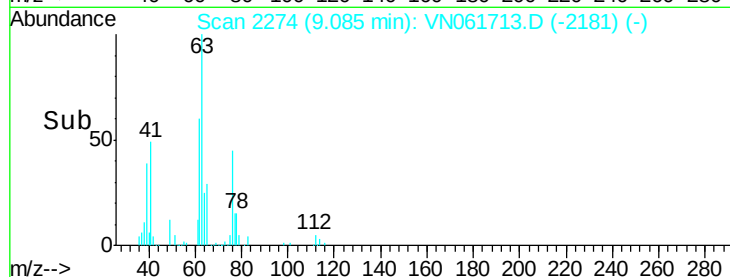
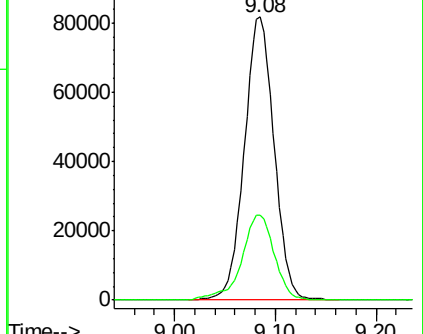
63 100

65 29.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061713.D (-2274) (-)

Ion 64.90 (64.60 to 65.60): VN061713.D (-2274) (-)



#46

Dibromomethane

Concen: 45.62 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

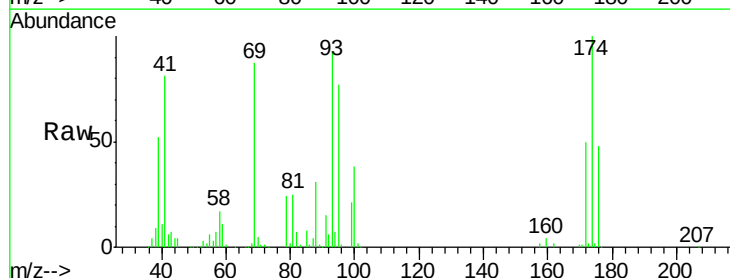
Tgt Ion: 93 Resp: 126606

Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

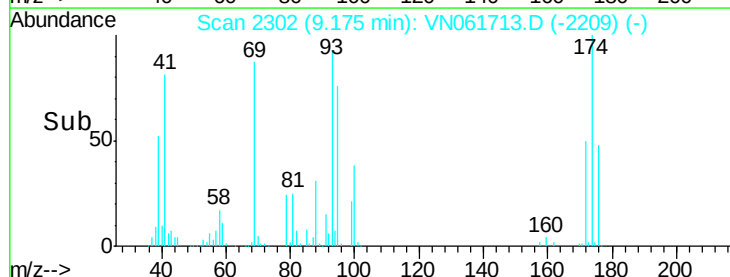
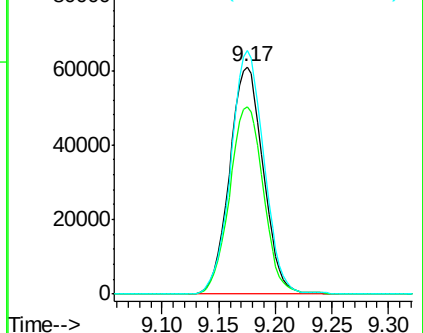
174 105.5 82.5 123.7

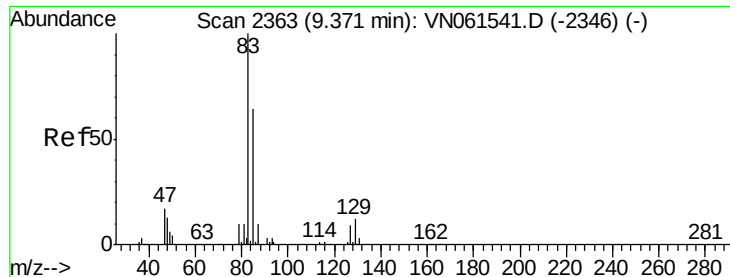


Abundance Ion 92.80 (92.50 to 93.50): VN061713.D (-2302) (-)

Ion 94.80 (94.50 to 95.50): VN061713.D (-2302) (-)

Ion 173.70 (173.40 to 174.40): VN061713.D (-2302) (-)





#47

Bromodichloromethane

Concen: 45.83 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

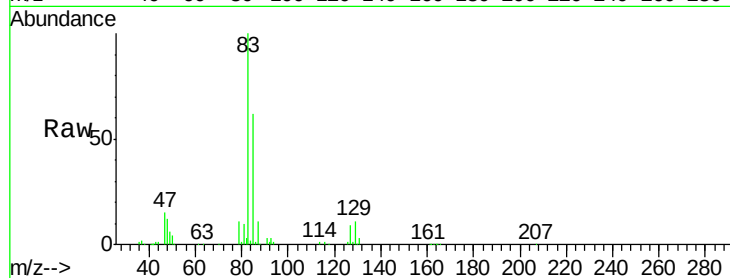
Tgt Ion: 83 Resp: 252016

Ion Ratio Lower Upper

83 100

85 62.1 51.1 76.7

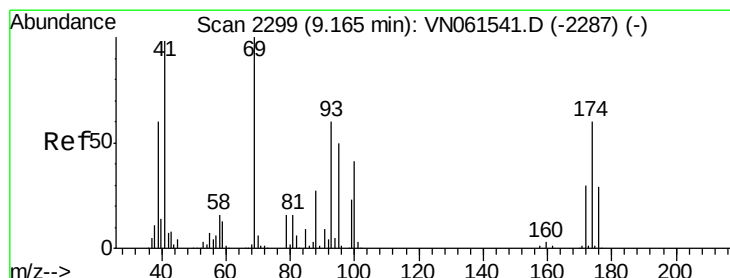
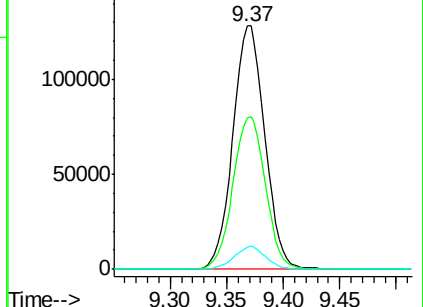
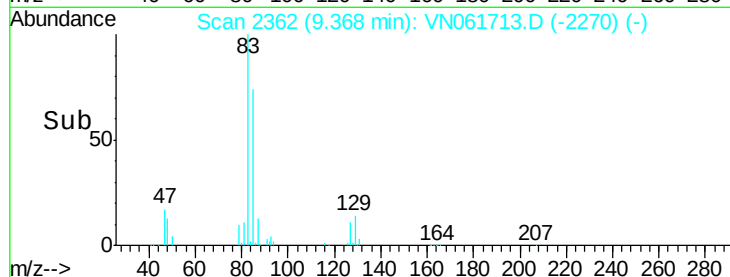
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061713.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061713.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061713.D (-2270) (-)



#48

Methyl methacrylate

Concen: 38.51 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

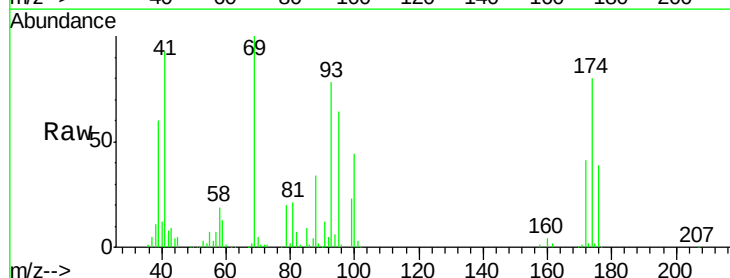
Tgt Ion: 41 Resp: 123999

Ion Ratio Lower Upper

41 100

69 111.9 83.9 125.9

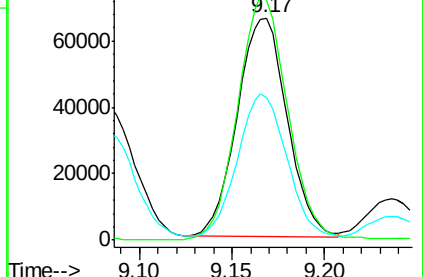
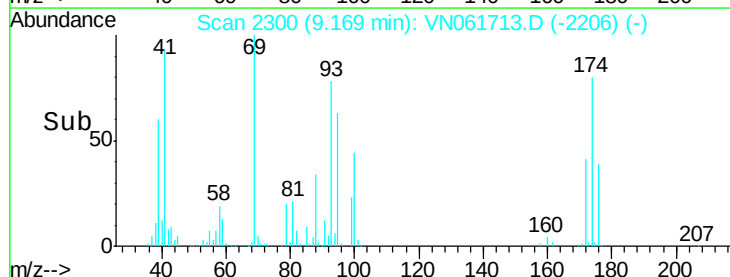
39 67.3 52.1 78.1

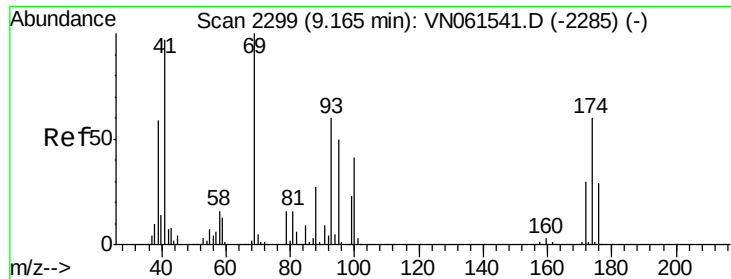


Abundance Ion 41.00 (40.70 to 41.70): VN061713.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061713.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061713.D (-2206) (-)

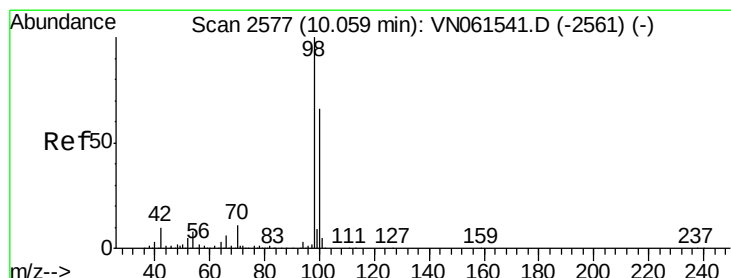
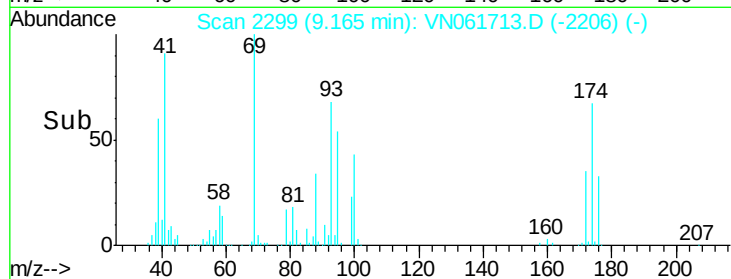
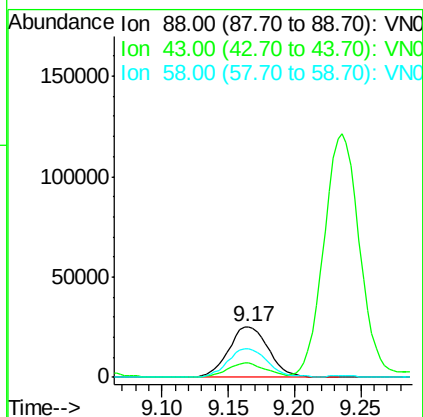
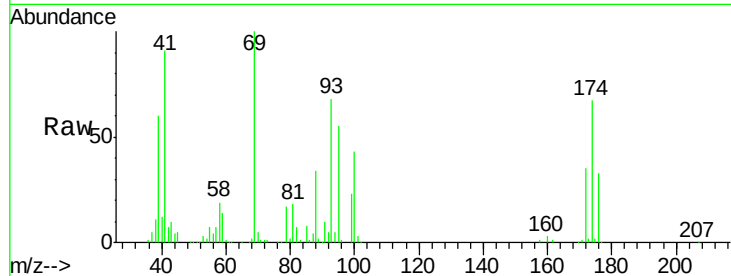




#49
 1,4-Dioxane
 Concen: 1065.99 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

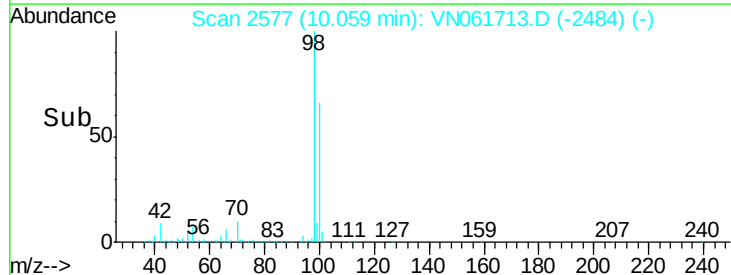
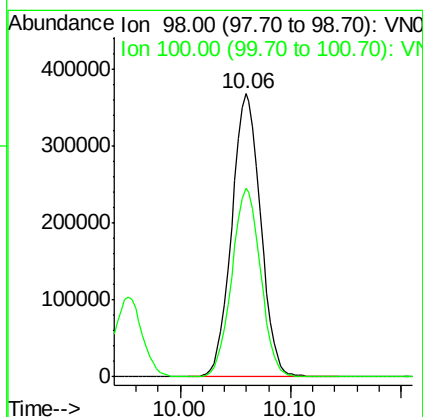
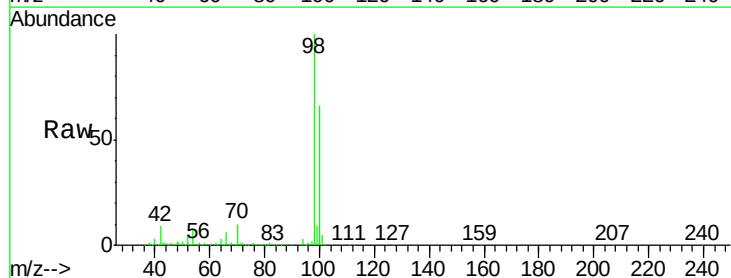
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

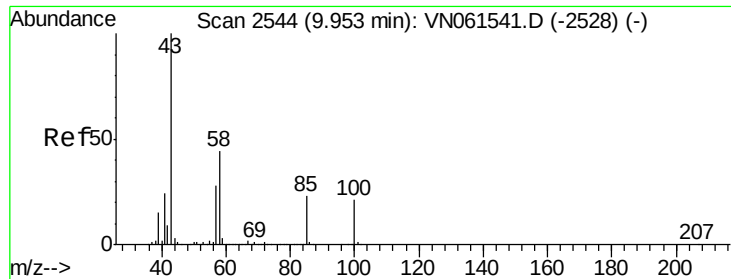
Tgt Ion: 88 Resp: 53175
 Ion Ratio Lower Upper
 88 100
 43 26.1 23.1 34.7
 58 56.3 48.3 72.5



#50
 Toluene-d8
 Concen: 51.00 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 98 Resp: 668845
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.8 79.2

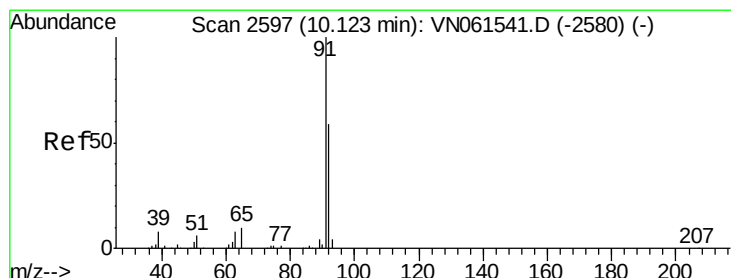
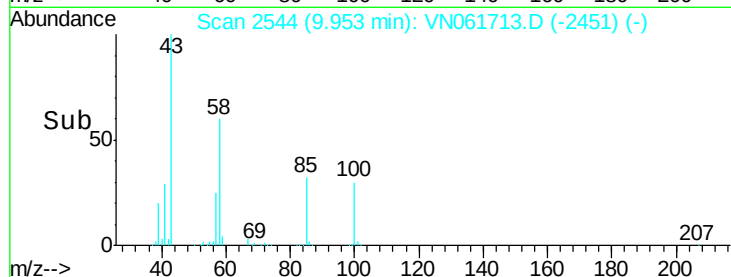
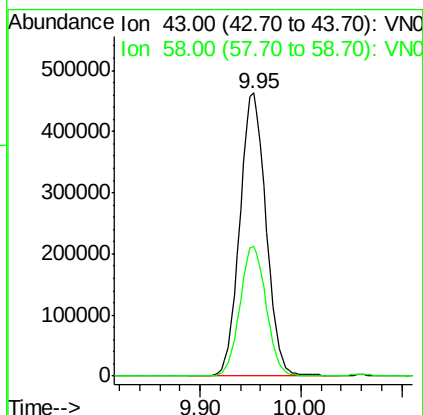
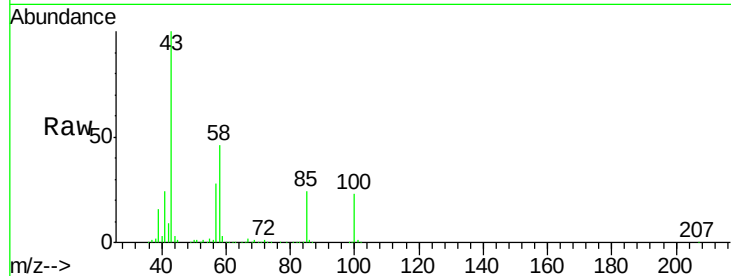




#51
 4-Methyl-2-Pentanone
 Concen: 206.48 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

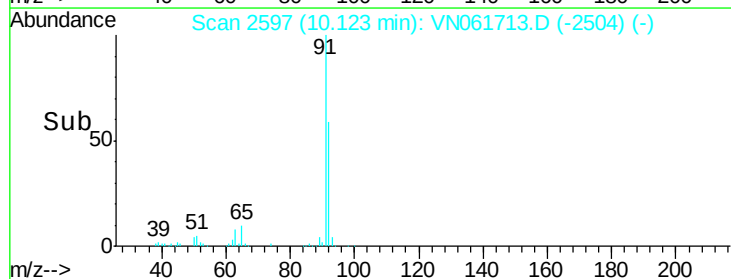
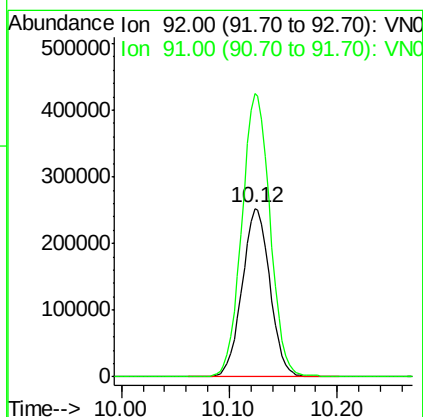
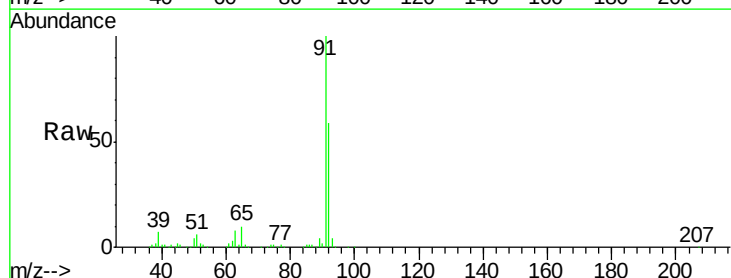
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

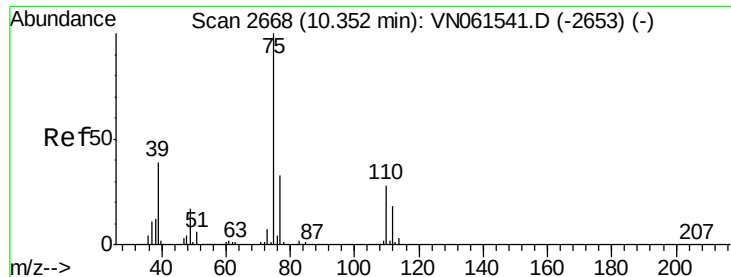
Tgt Ion: 43 Resp: 832765
 Ion Ratio Lower Upper
 43 100
 58 45.7 35.0 52.6



#52
 Toluene
 Concen: 45.49 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 92 Resp: 452457
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 43.74 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

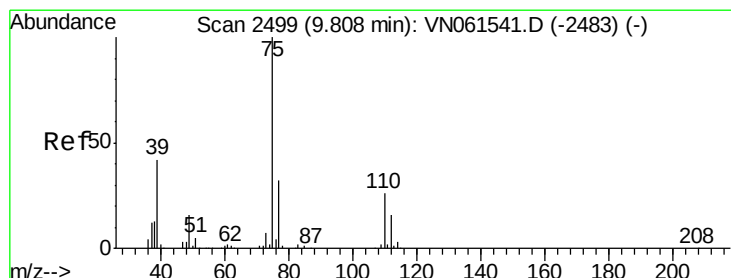
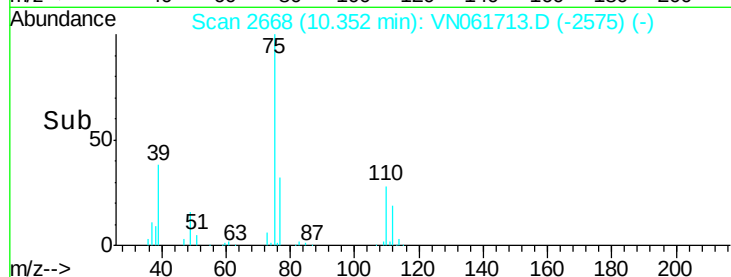
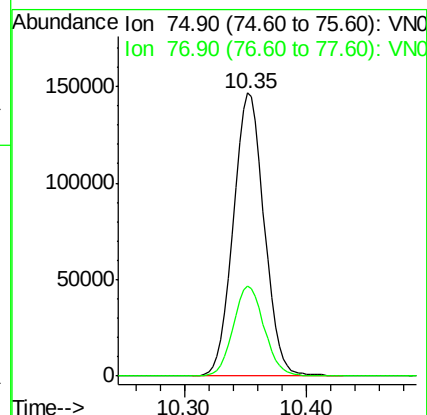
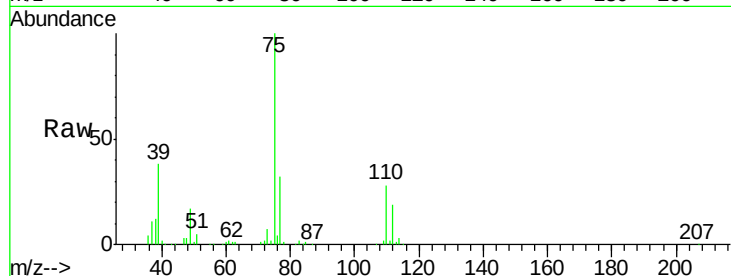
VSTDCCC050EC

Tgt Ion: 75 Resp: 259085

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 44.16 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

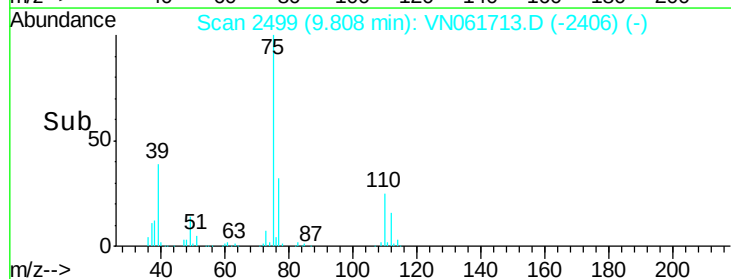
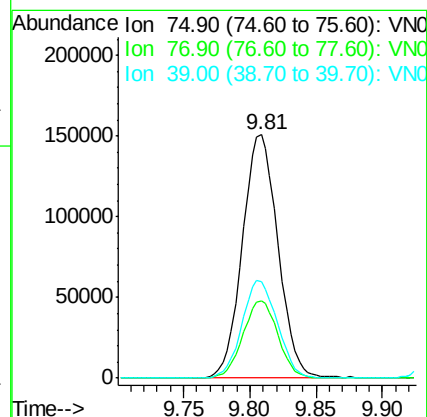
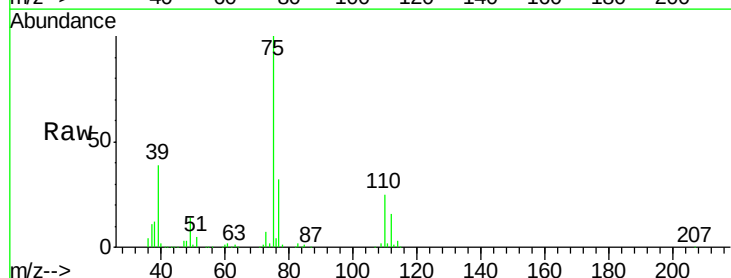
Tgt Ion: 75 Resp: 281267

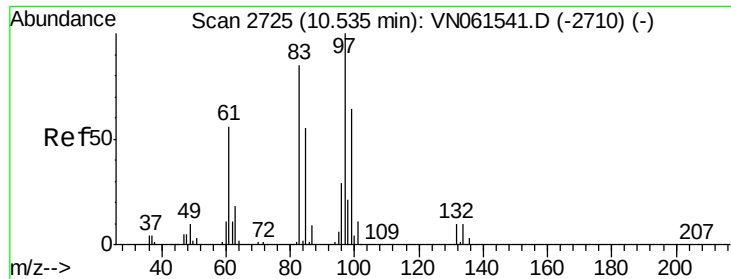
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 39.5 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 46.44 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 184031

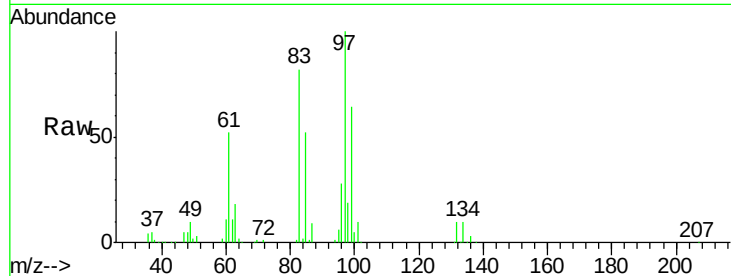
Ion Ratio Lower Upper

97 100

83 81.5 68.1 102.1

85 52.0 44.1 66.1

99 63.7 51.1 76.7



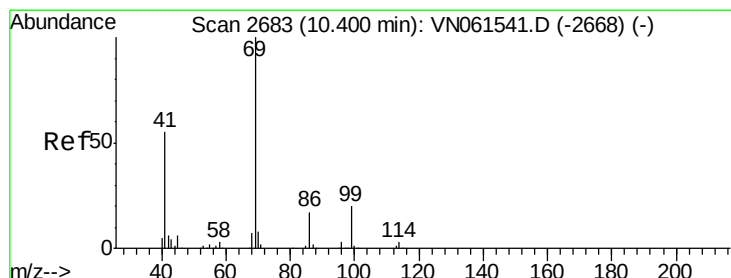
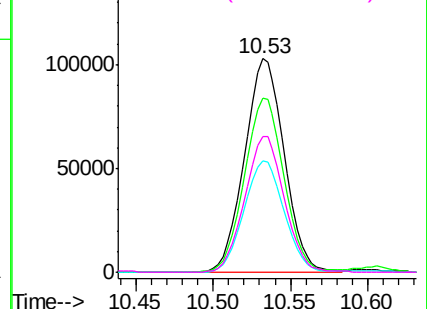
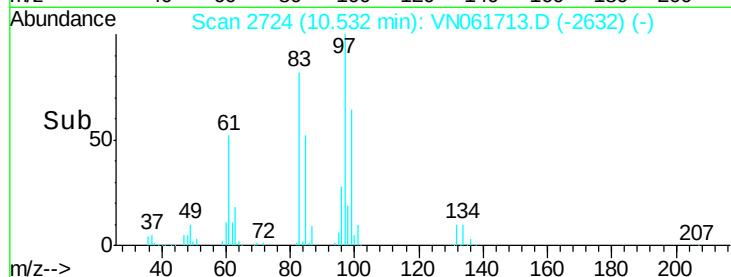
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 44.83 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

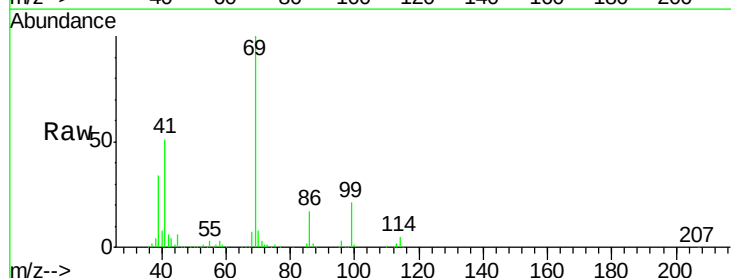
Tgt Ion: 69 Resp: 248127

Ion Ratio Lower Upper

69 100

41 51.1 43.5 65.3

39 33.0 27.0 40.6

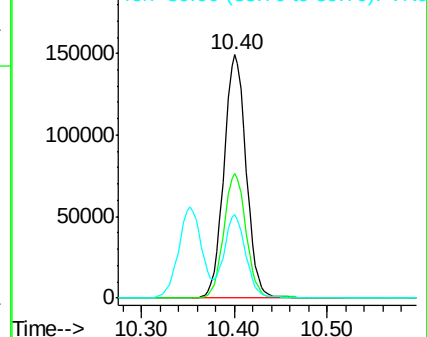
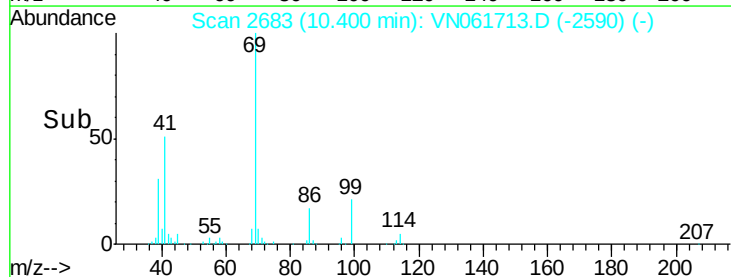


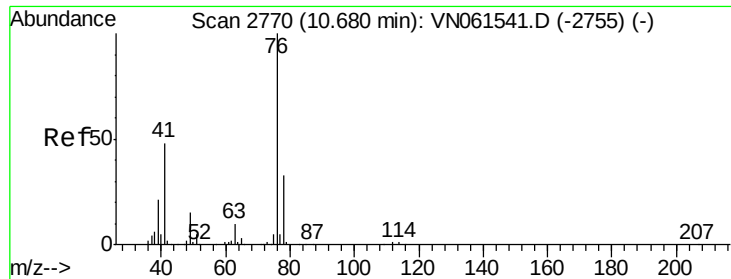
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

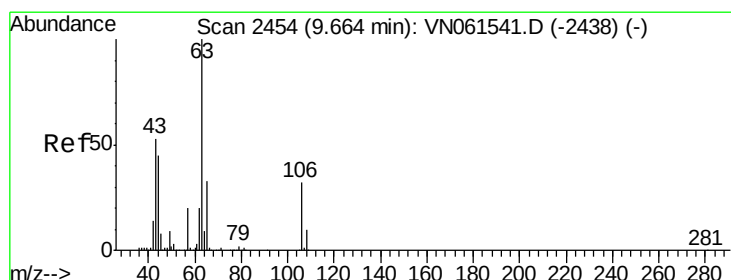
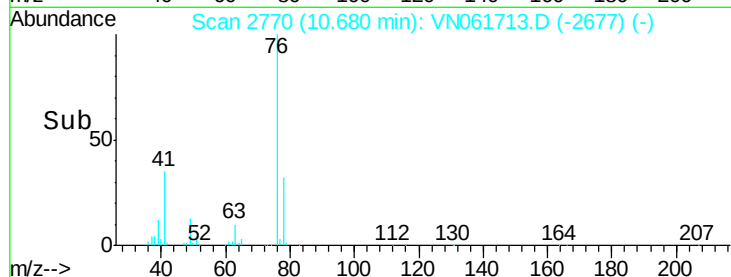
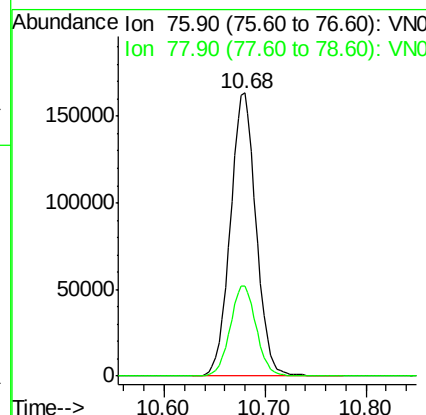
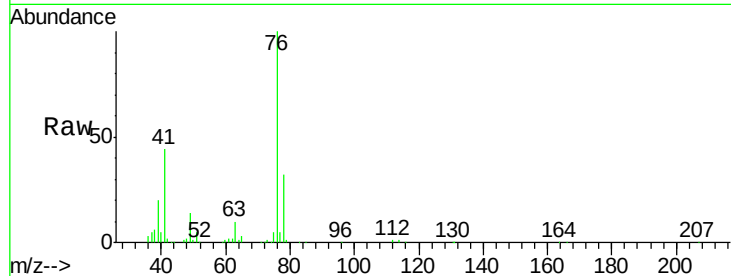




#57
 1,3-Dichloropropane
 Concen: 45.93 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

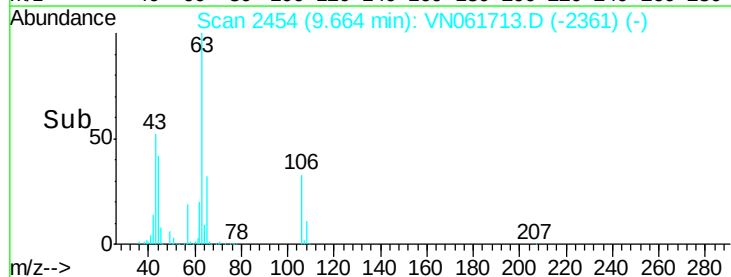
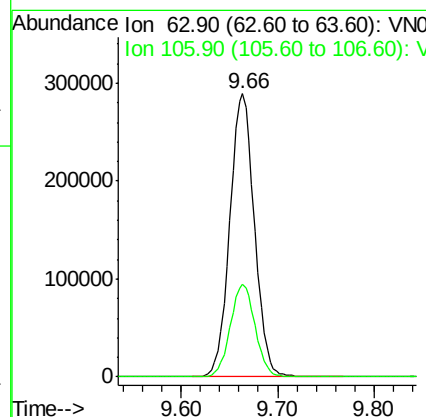
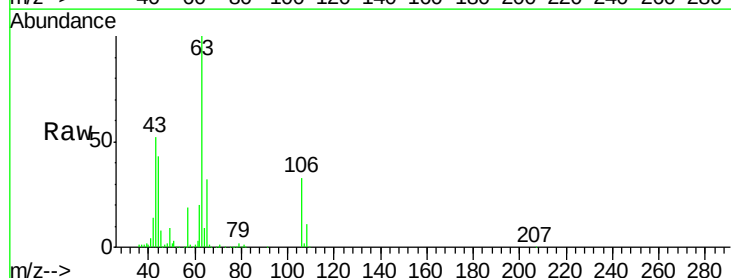
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

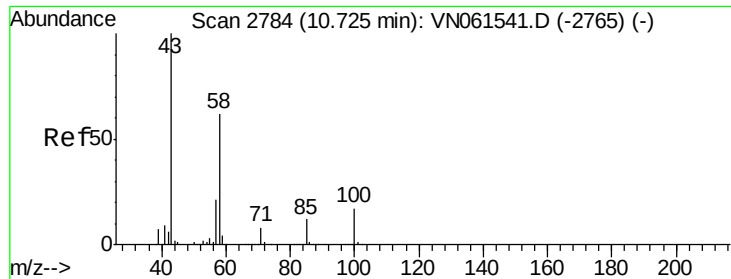
Tgt Ion: 76 Resp: 291103
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 215.53 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 63 Resp: 509846
 Ion Ratio Lower Upper
 63 100
 106 33.0 25.9 38.9

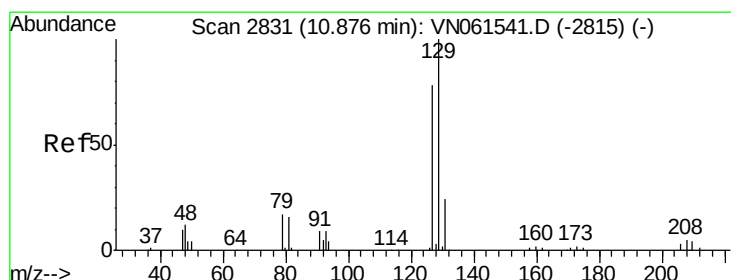
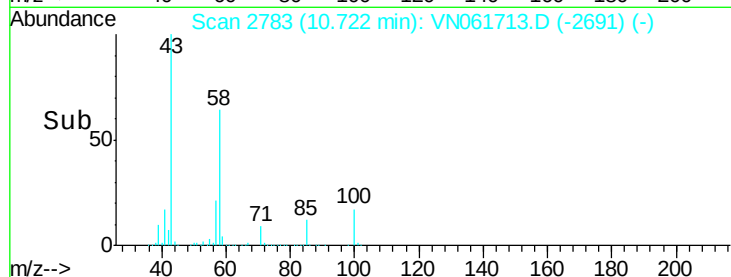
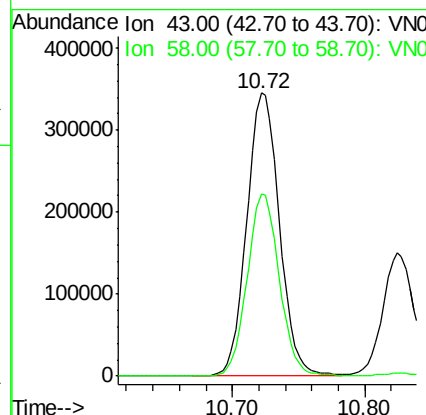
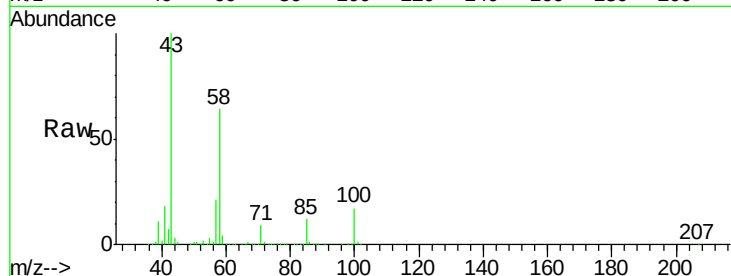




#59
2-Hexanone
Concen: 203.57 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

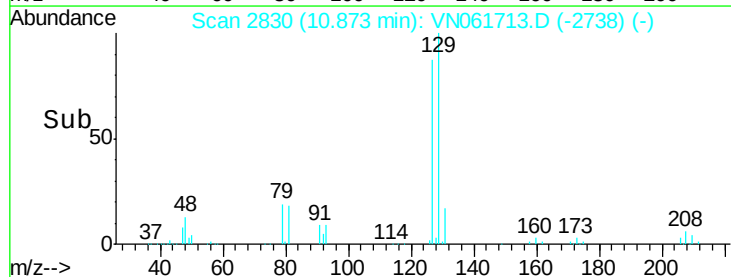
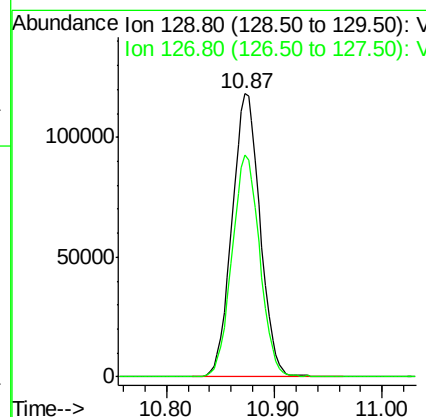
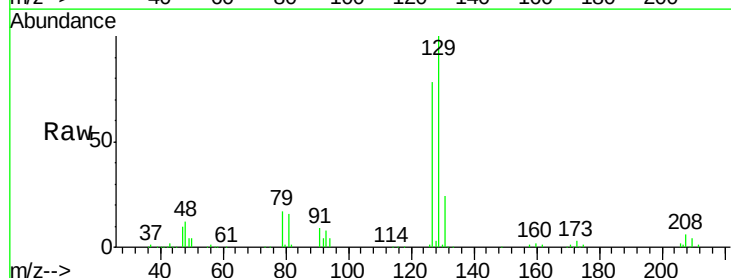
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

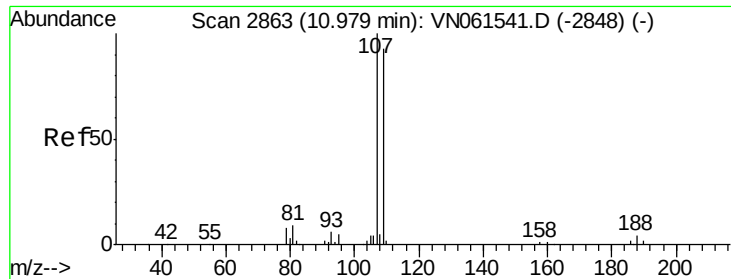
Tgt Ion: 43 Resp: 589630
Ion Ratio Lower Upper
43 100
58 63.4 30.7 92.1



#60
Dibromochloromethane
Concen: 47.61 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 129 Resp: 214463
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 46.12 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

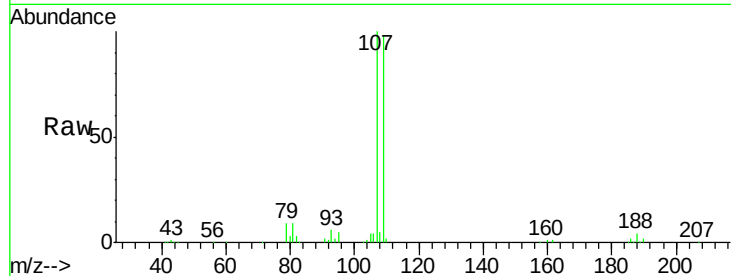
VSTDCCC050EC

Tgt Ion: 107 Resp: 190599

Ion Ratio Lower Upper

107 100

109 95.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

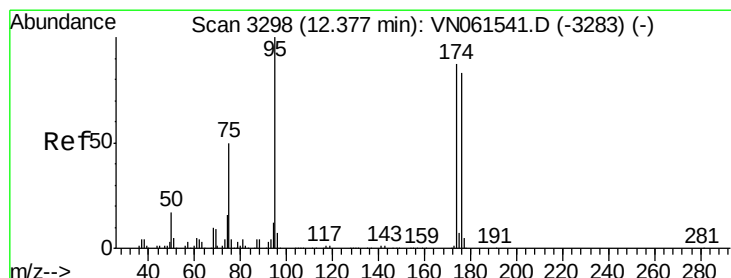
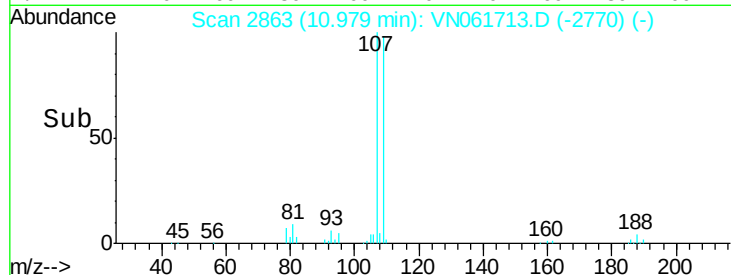
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.74 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

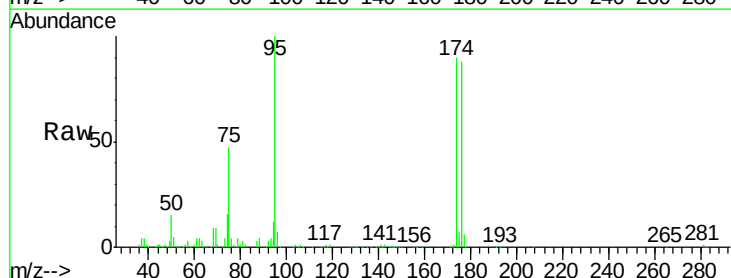
Tgt Ion: 95 Resp: 242785

Ion Ratio Lower Upper

95 100

174 89.5 0.0 172.8

176 87.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

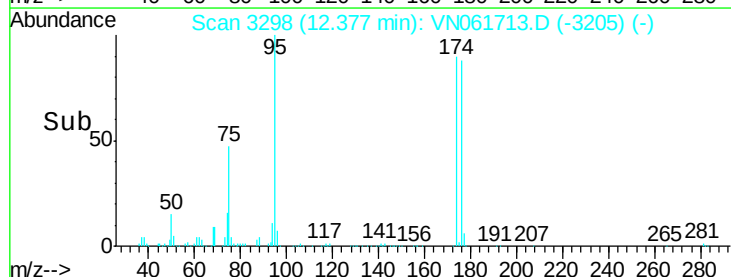
150000

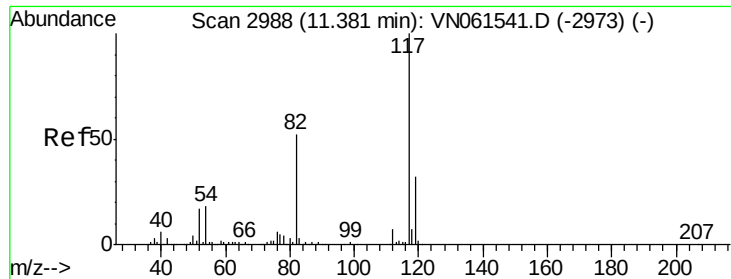
100000

50000

0

Time-->

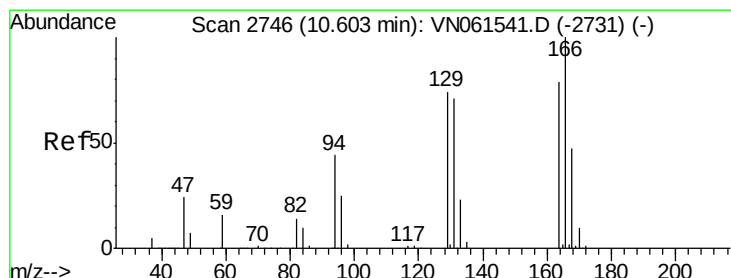
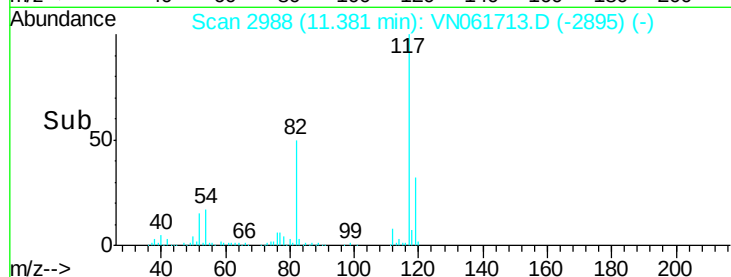
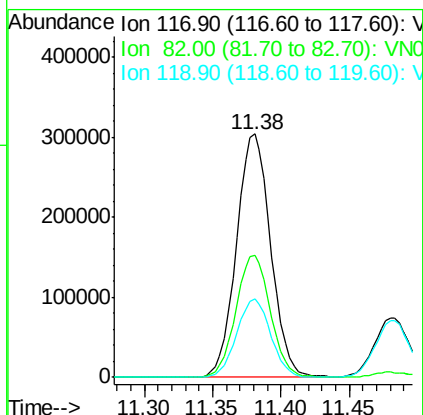
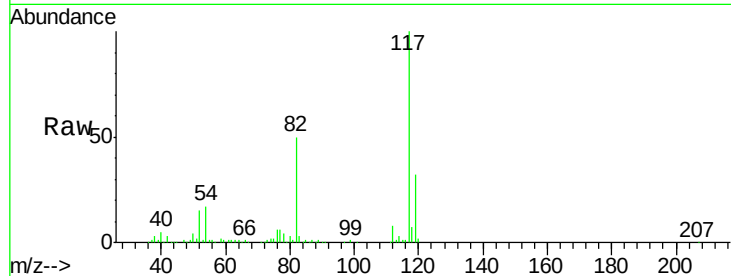




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

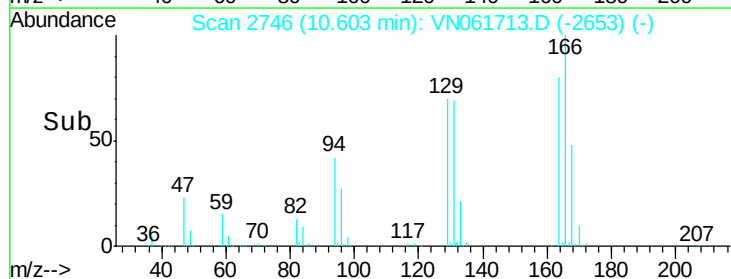
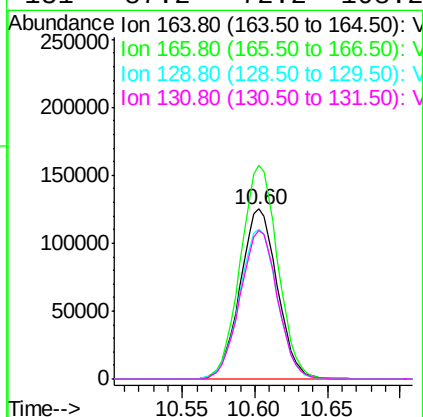
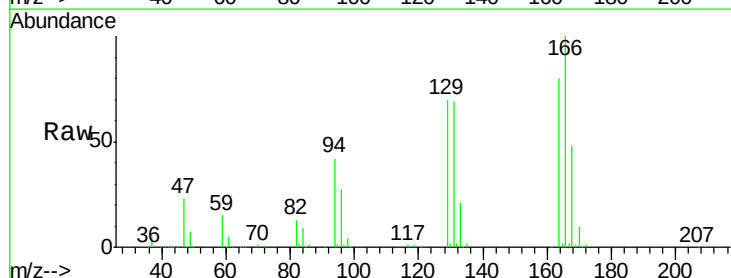
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

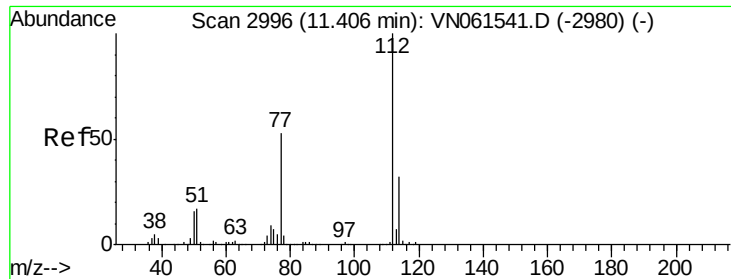
Tgt Ion:117 Resp: 529323
Ion Ratio Lower Upper
117 100
82 50.1 41.5 62.3
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 44.72 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion:164 Resp: 222825
Ion Ratio Lower Upper
164 100
166 125.5 101.5 152.3
129 88.3 74.9 112.3
131 87.2 72.2 108.2

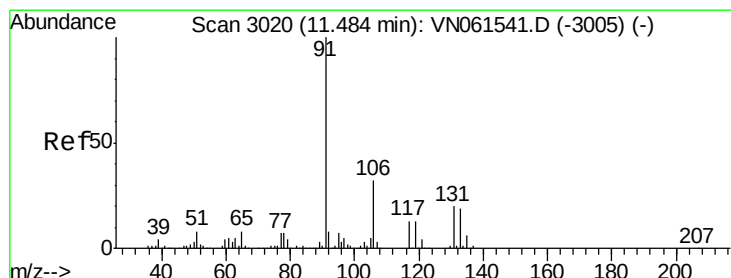
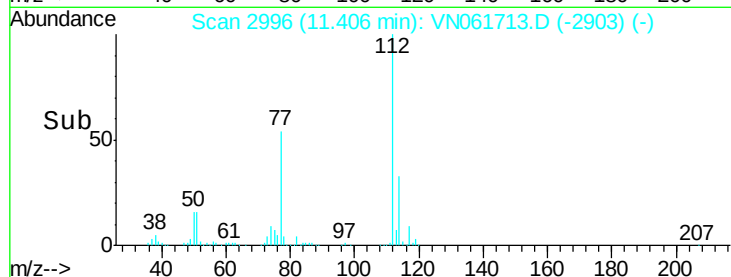
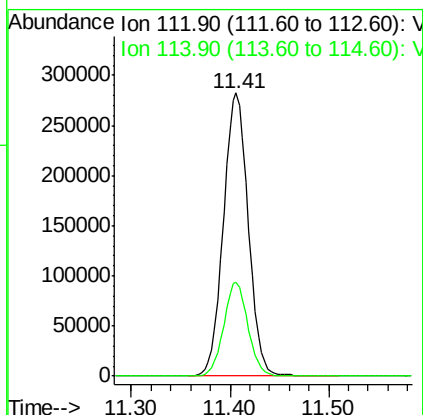
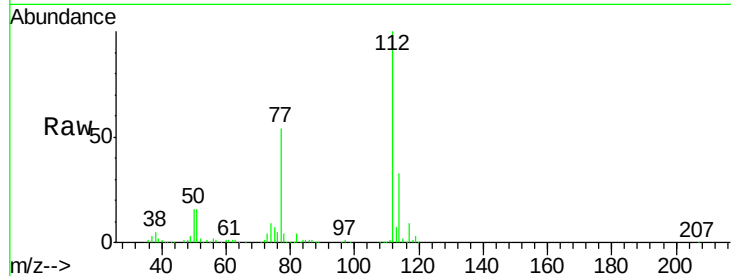




#65
Chlorobenzene
Concen: 45.33 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

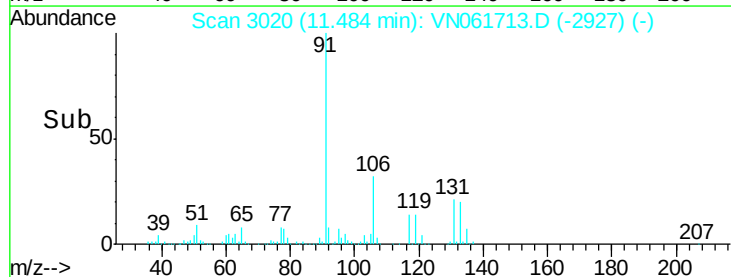
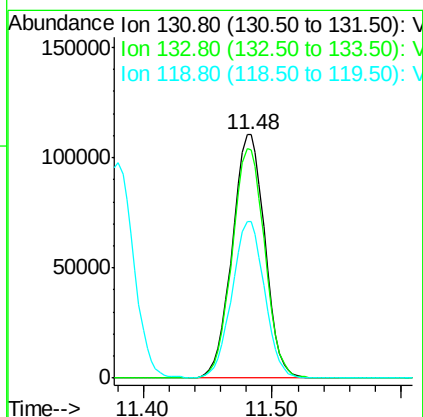
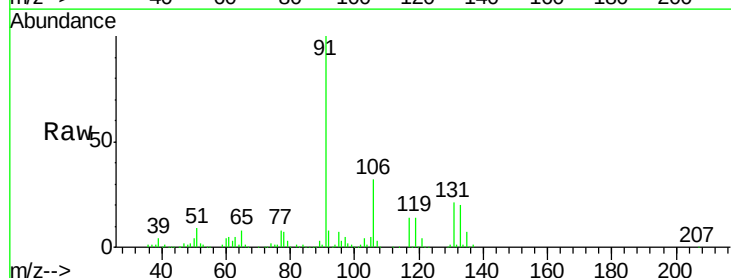
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

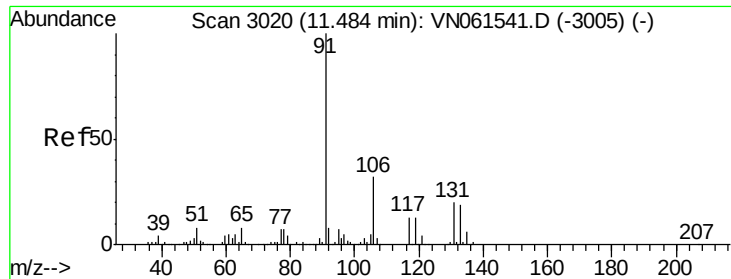
Tgt Ion:112 Resp: 498703
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.43 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion:131 Resp: 194321
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 64.5 32.6 97.8

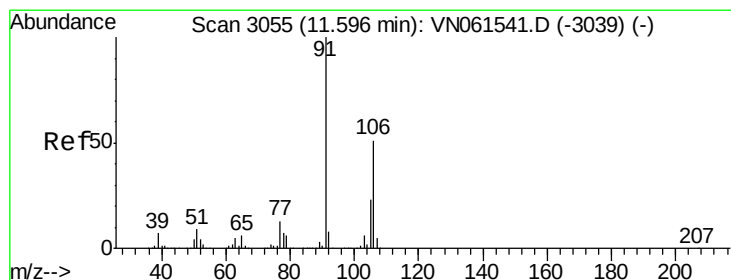
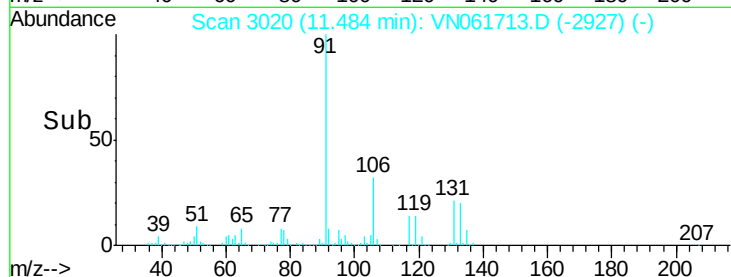
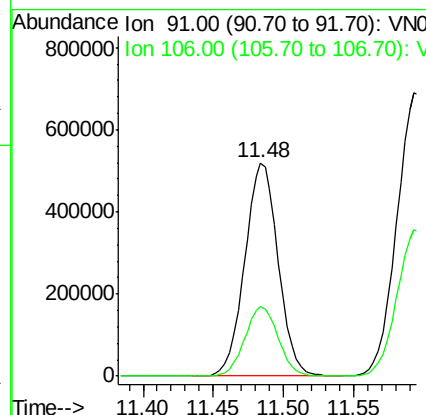
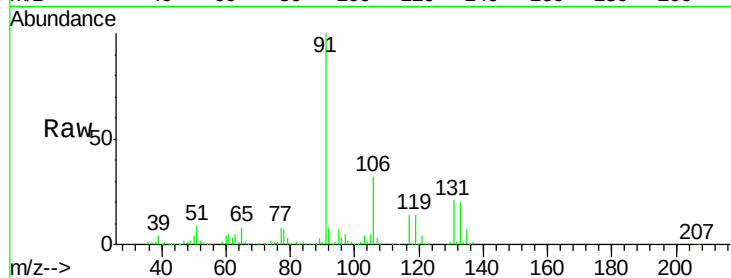




#67
Ethyl Benzene
Concen: 45.15 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

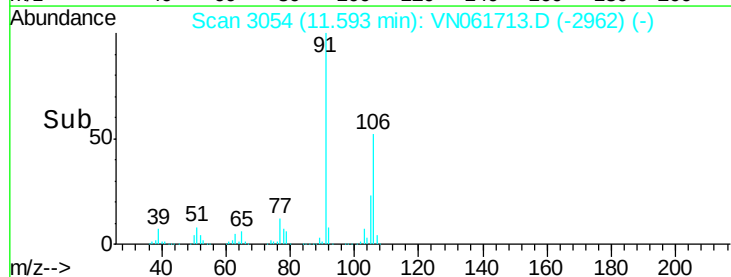
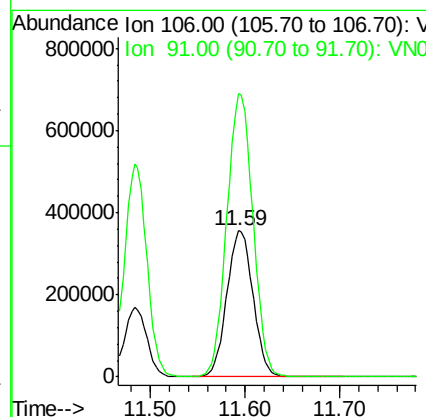
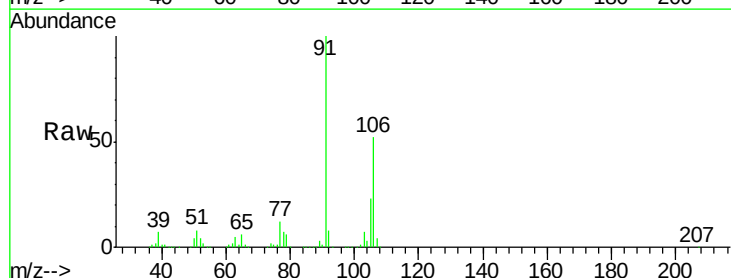
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

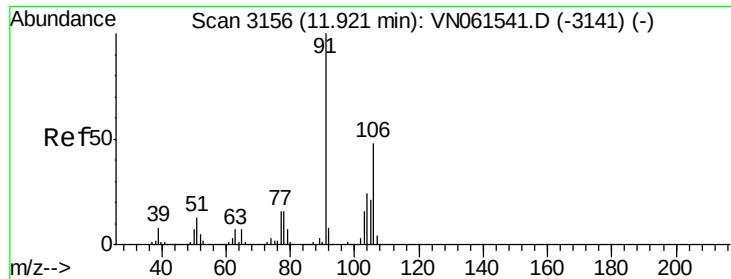
Tgt Ion: 91 Resp: 858557
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4



#68
m/p-Xylenes
Concen: 90.62 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 106 Resp: 683325
Ion Ratio Lower Upper
106 100
91 194.0 156.2 234.4

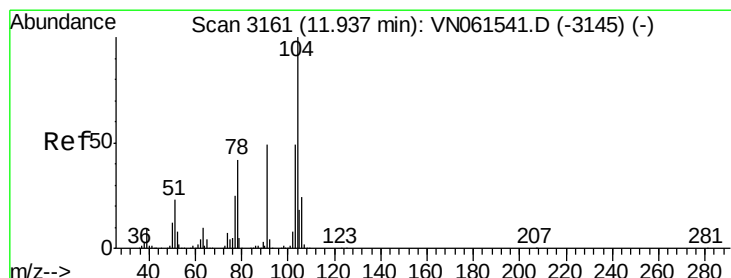
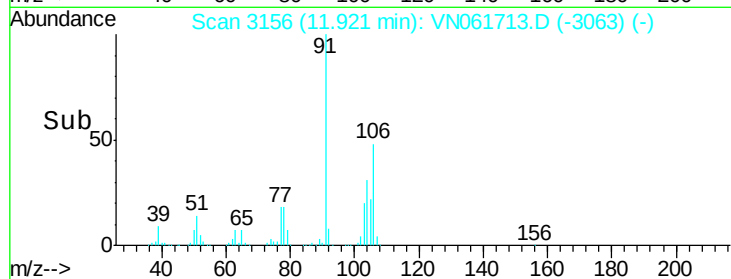
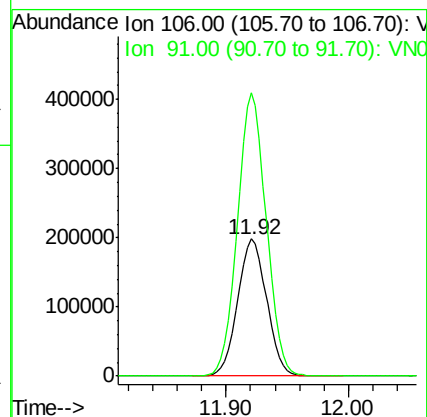
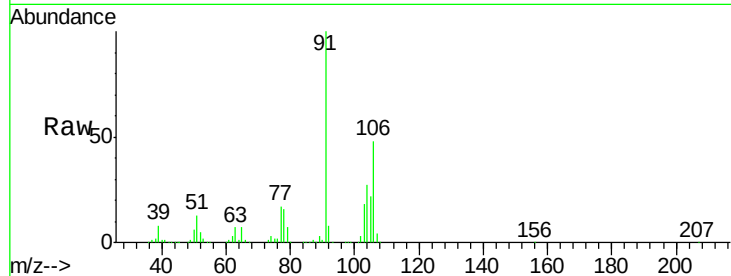




#69
o-Xylene
Concen: 45.66 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

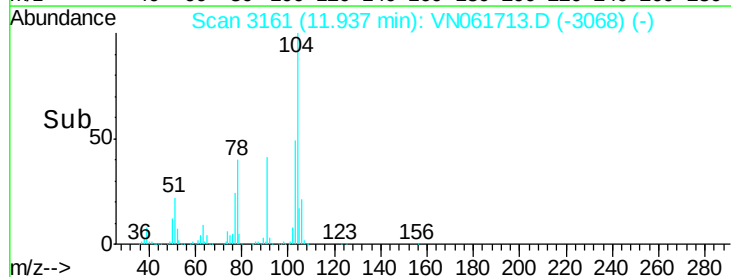
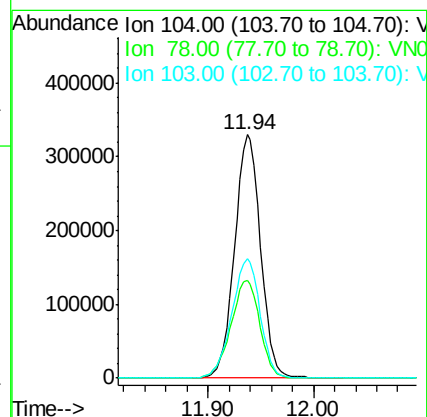
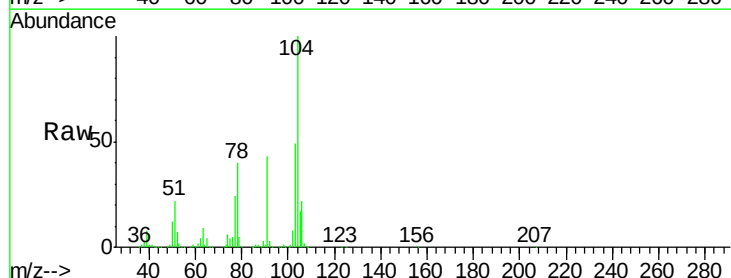
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

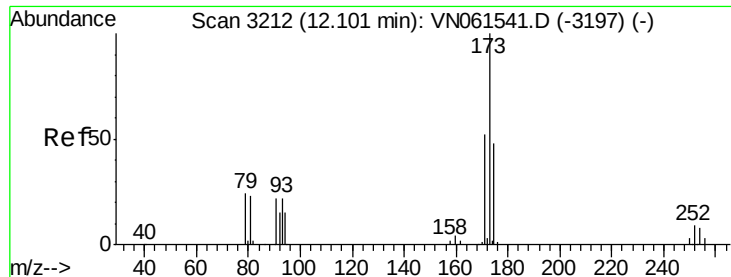
Tgt Ion:106 Resp: 327033
Ion Ratio Lower Upper
106 100
91 204.9 103.3 309.8



#70
Styrene
Concen: 47.32 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion:104 Resp: 561232
Ion Ratio Lower Upper
104 100
78 44.9 37.4 56.0
103 53.5 42.3 63.5

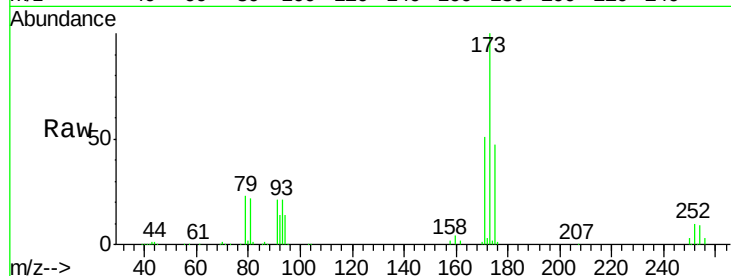




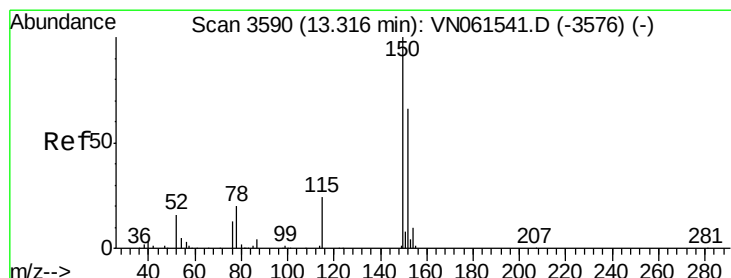
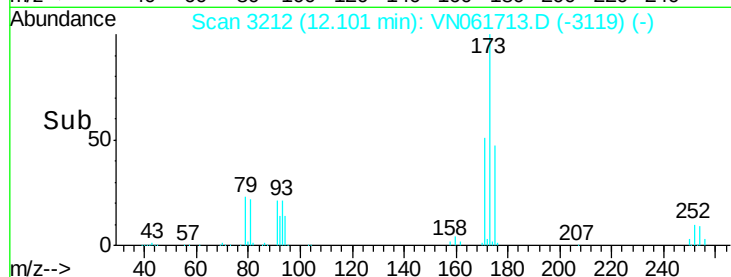
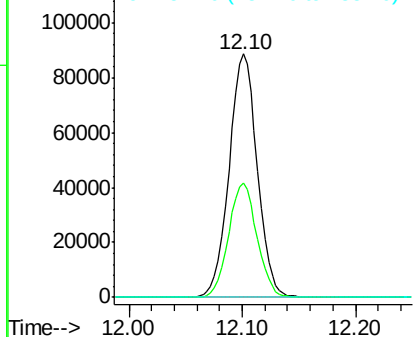
#71
Bromoform
Concen: 48.43 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 152902
Ion Ratio Lower Upper
173 100
175 47.5 24.4 73.2
254 0.0 0.0 0.0

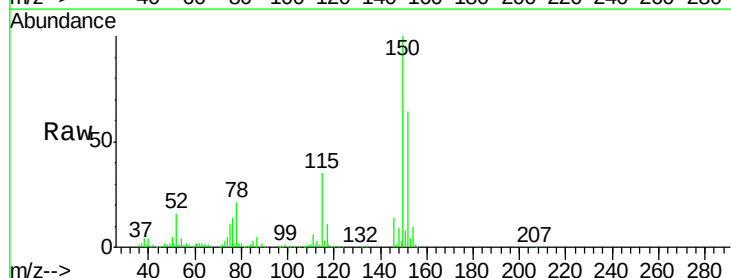


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

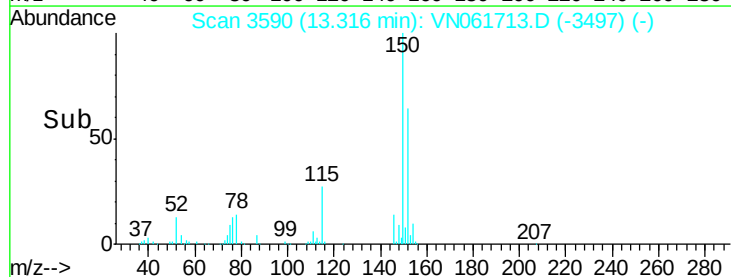
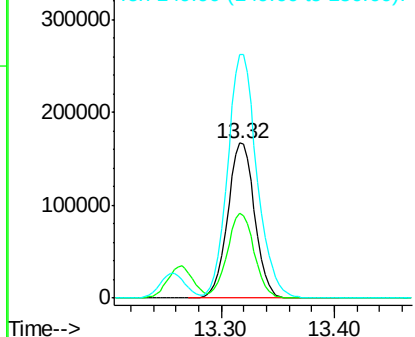


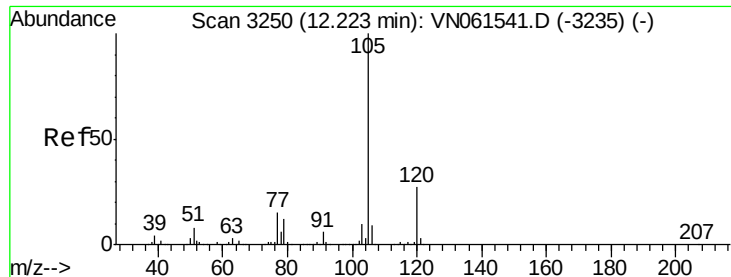
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion:152 Resp: 276831
Ion Ratio Lower Upper
152 100
115 55.0 28.0 84.0
150 170.9 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: 42.85 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

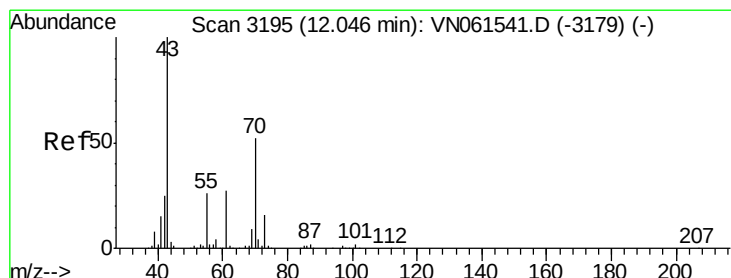
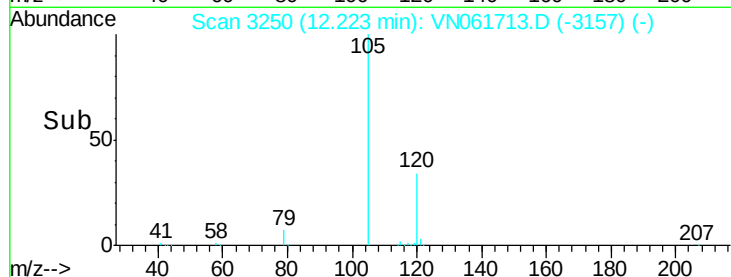
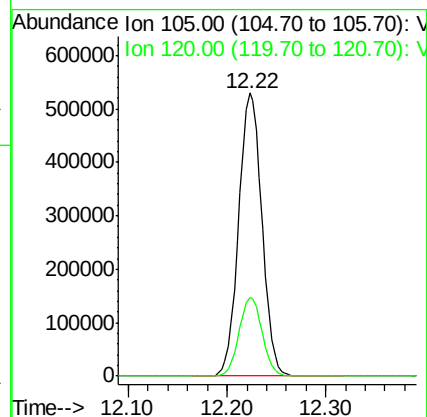
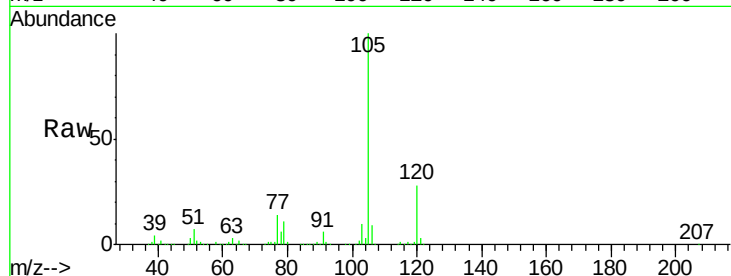
VSTDCCC050EC

Tgt Ion: 105 Resp: 865798

Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3



#74

N-ethyl acetate

Concen: 40.23 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Tgt Ion: 43 Resp: 256008

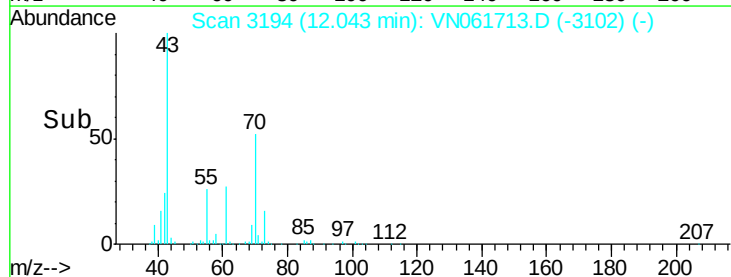
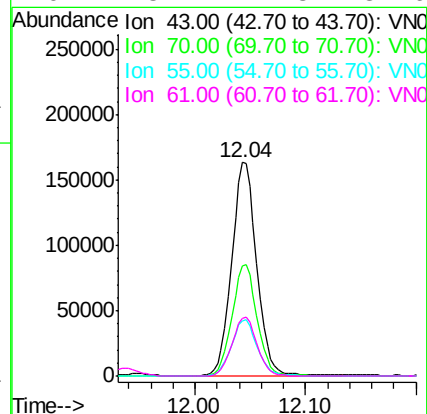
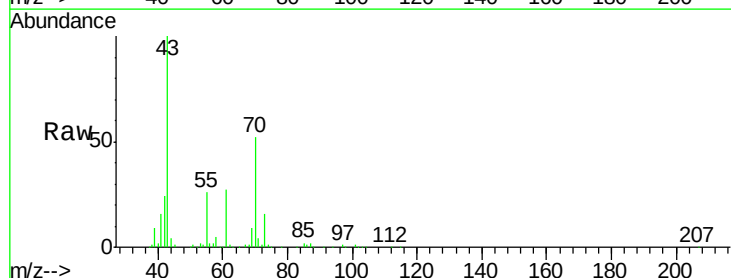
Ion Ratio Lower Upper

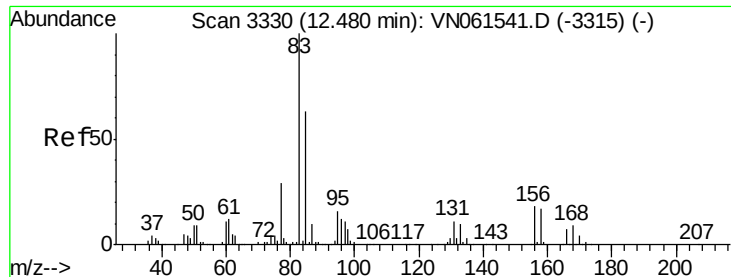
43 100

70 52.5 40.5 60.7

55 27.3 20.6 31.0

61 28.1 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.35 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

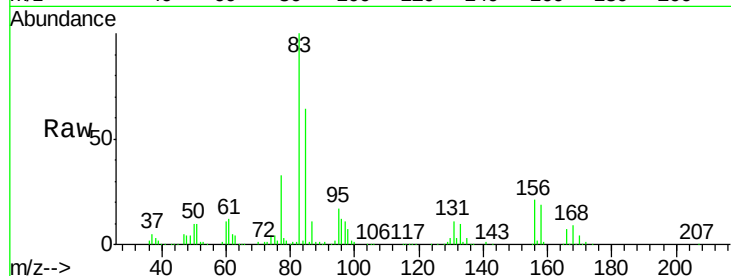
Tgt Ion: 83 Resp: 239784

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

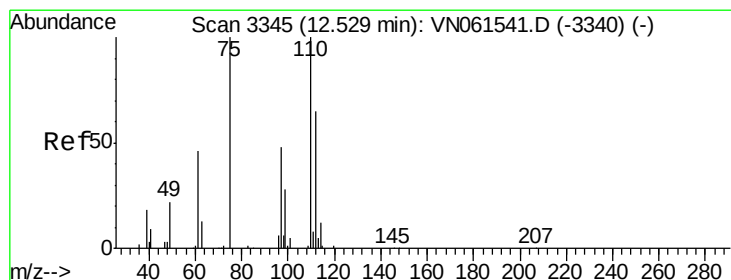
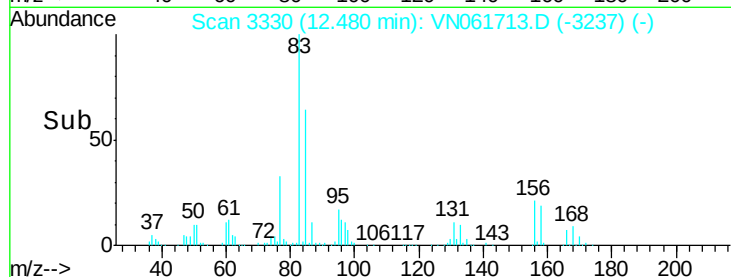
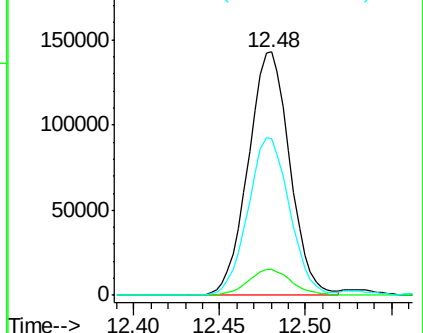
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061713.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061713.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061713.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 59.99 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061713.D

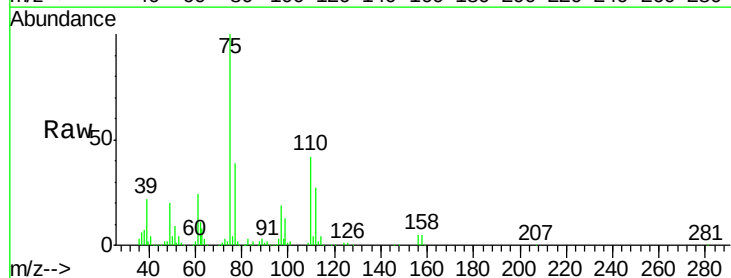
Acq: 8 Jun 2020 21:59

Tgt Ion: 75 Resp: 301962

Ion Ratio Lower Upper

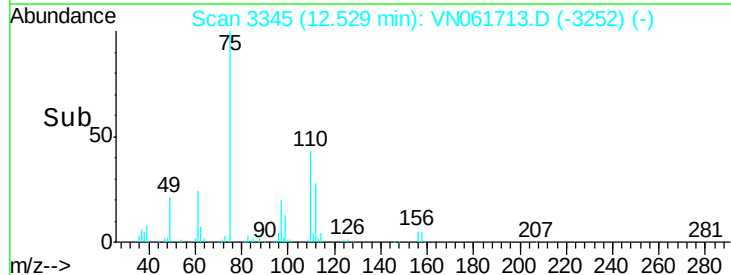
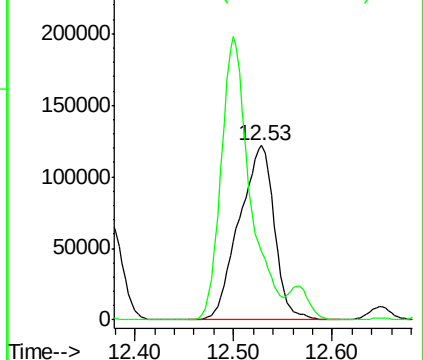
75 100

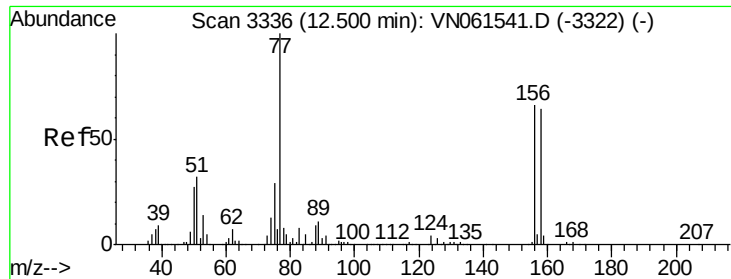
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061713.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061713.D (-3252) (-)

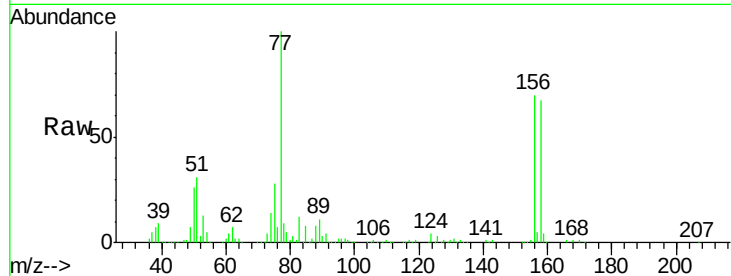




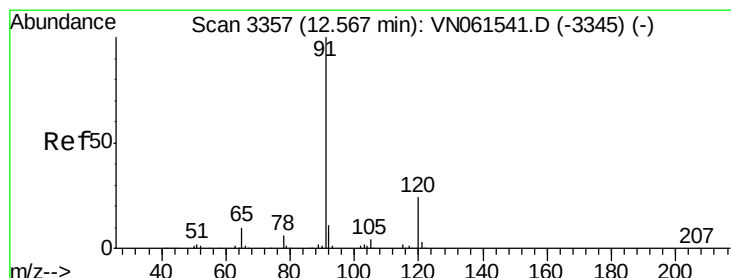
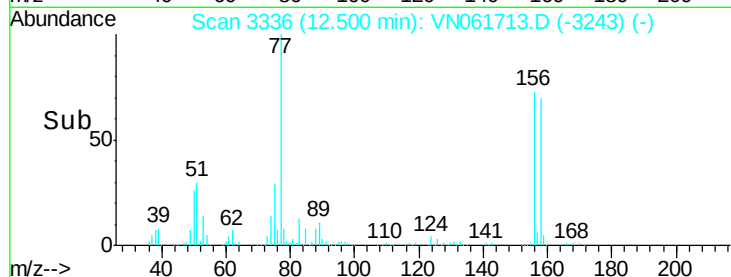
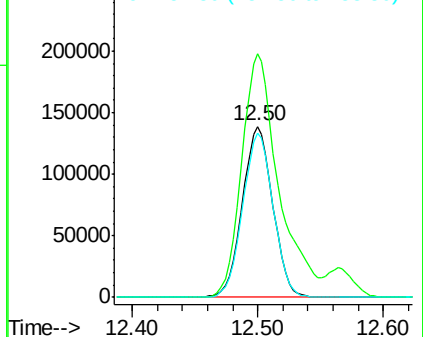
#77
Bromobenzene
Concen: 45.01 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 232148
Ion Ratio Lower Upper
156 100
77 175.2 90.9 272.7
158 96.9 48.4 145.3

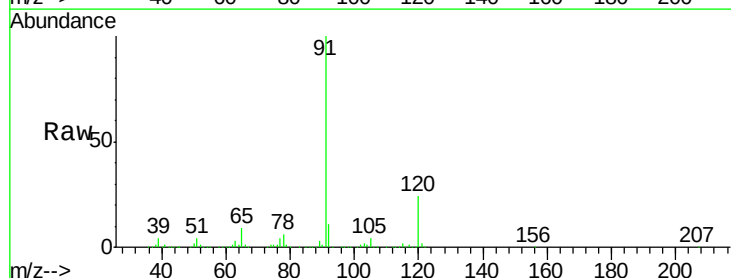


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

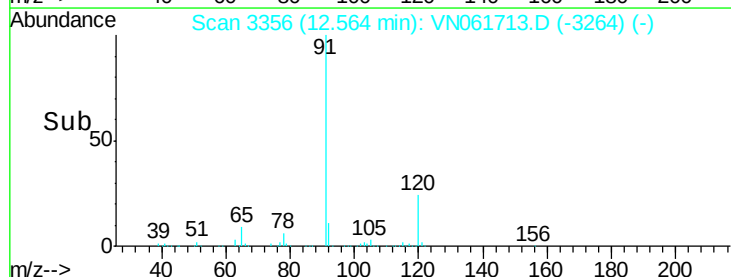
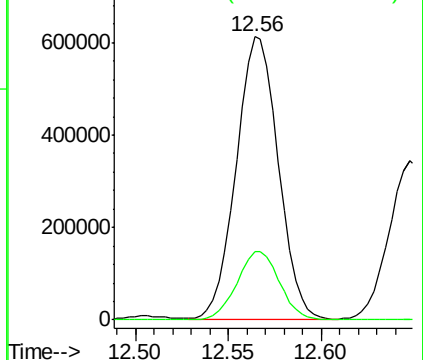


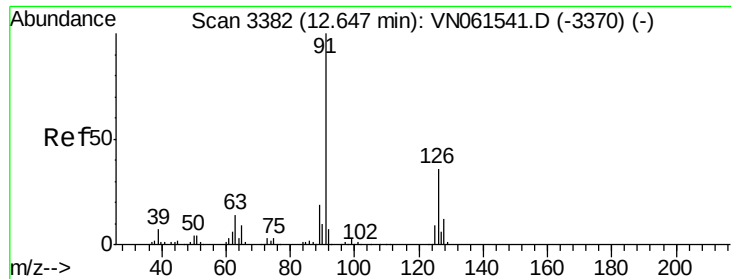
#78
n-propylbenzene
Concen: 42.65 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 91 Resp: 962036
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.9



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

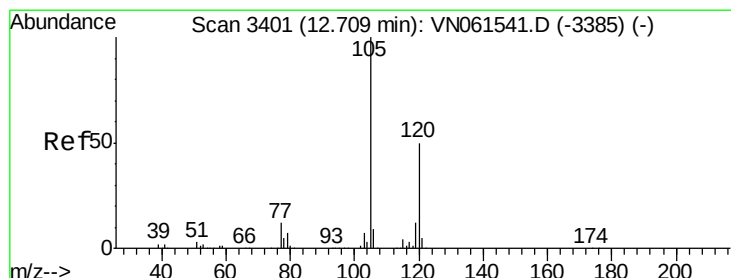
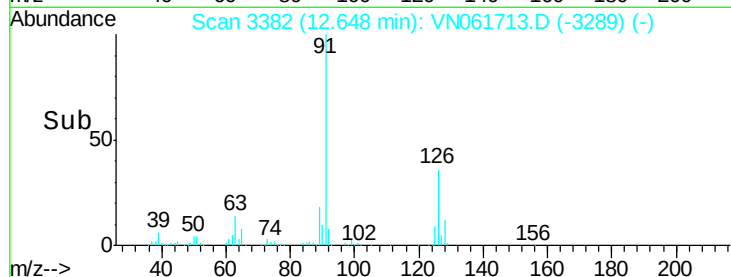
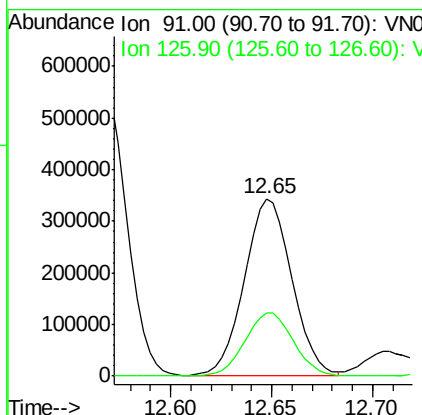
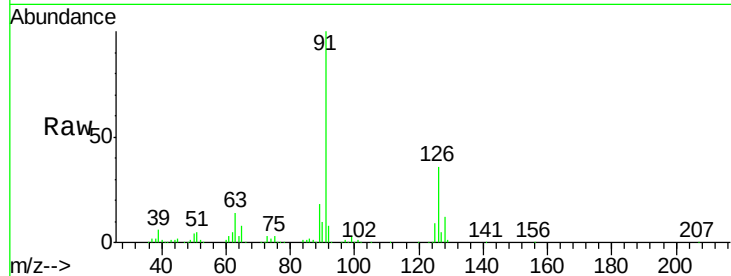




#79
 2-Chlorotoluene
 Concen: 41.80 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

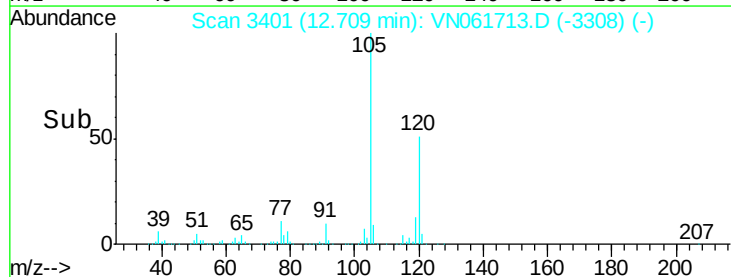
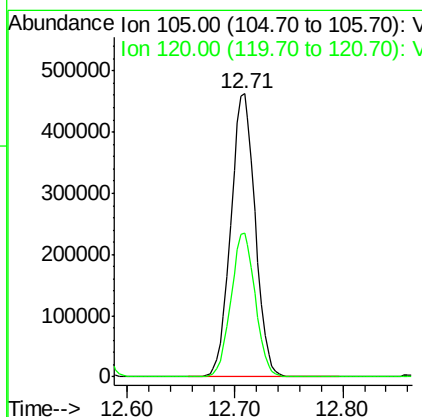
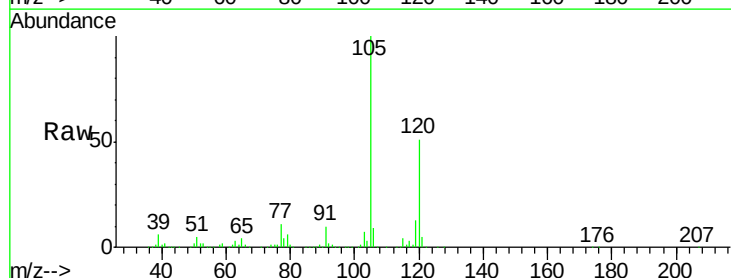
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

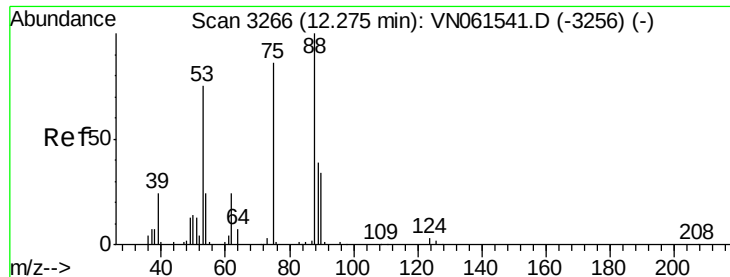
Tgt Ion: 91 Resp: 562159
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 43.23 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion: 105 Resp: 729977
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 38.64 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

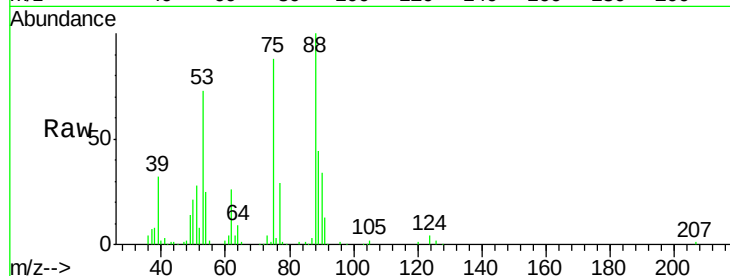
Tgt Ion: 75 Resp: 76063

Ion Ratio Lower Upper

75 100

53 84.3 67.8 101.8

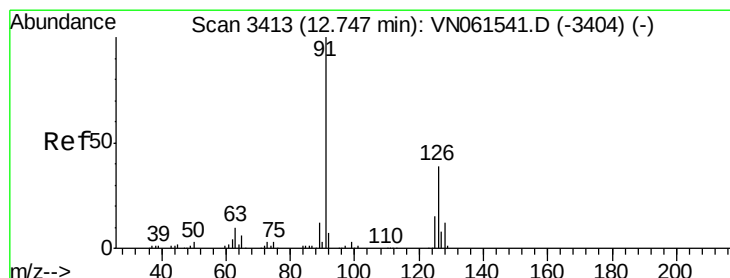
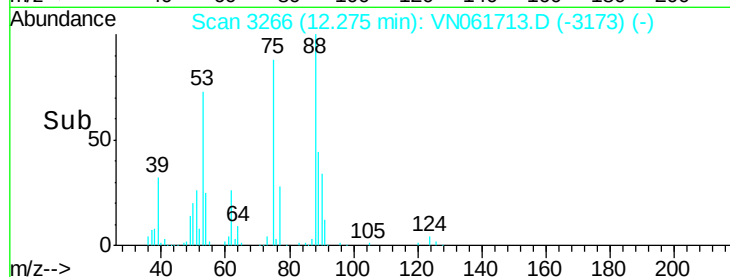
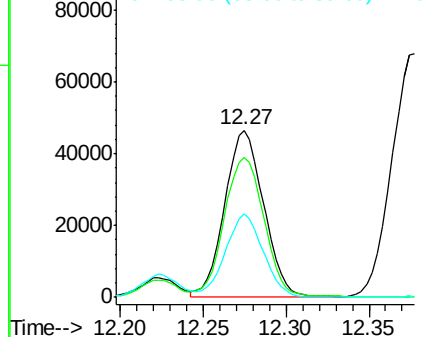
89 48.9 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 41.91 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061713.D

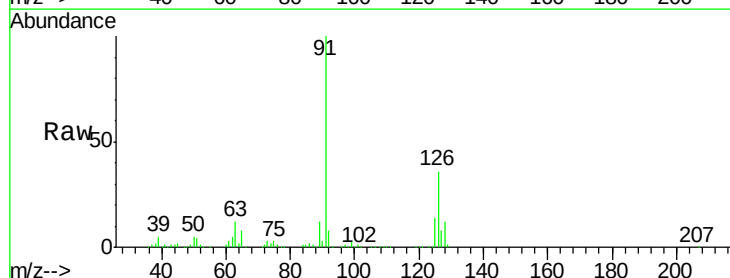
Acq: 8 Jun 2020 21:59

Tgt Ion: 91 Resp: 592987

Ion Ratio Lower Upper

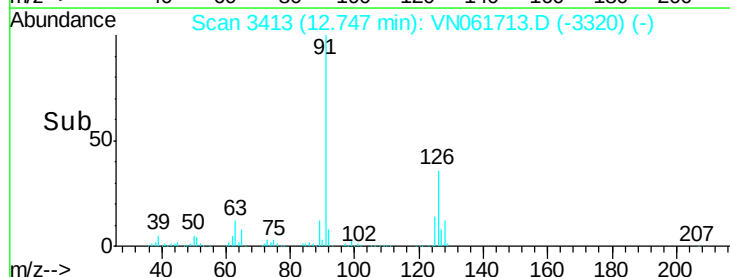
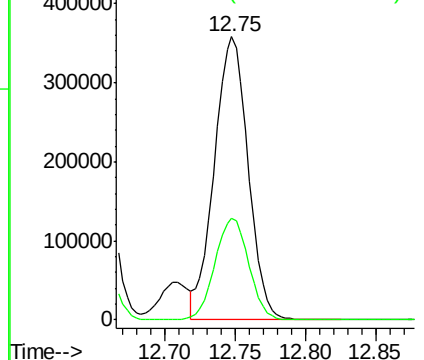
91 100

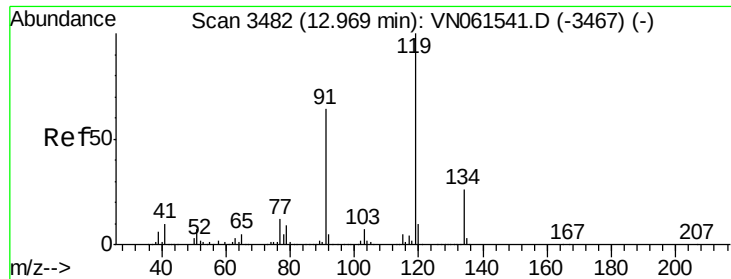
126 35.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

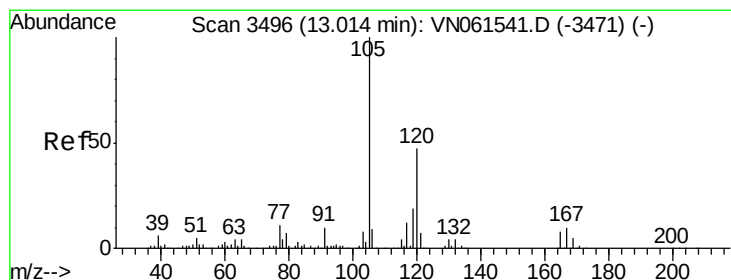
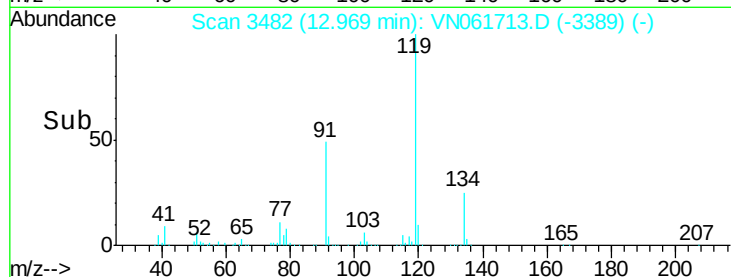
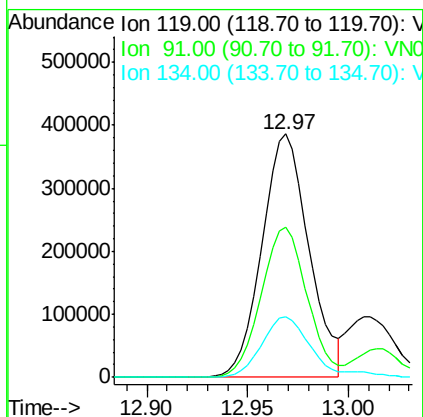
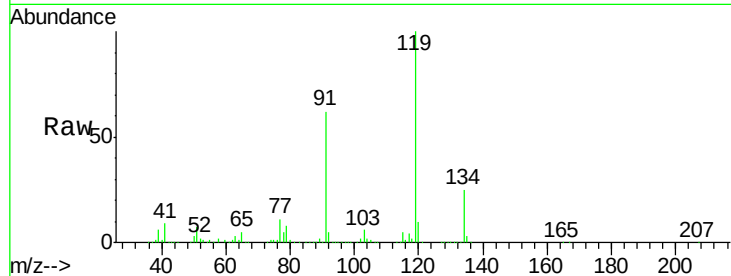




#83
 tert-Butylbenzene
 Concen: 41.97 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

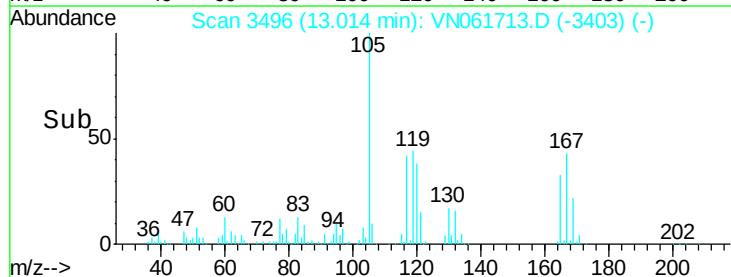
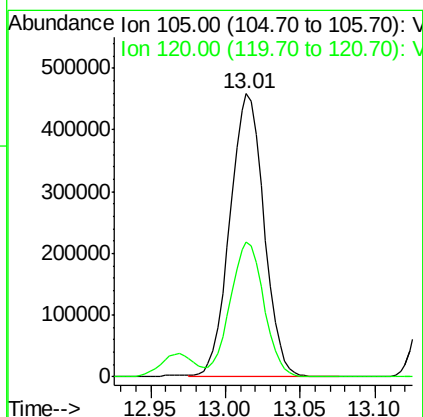
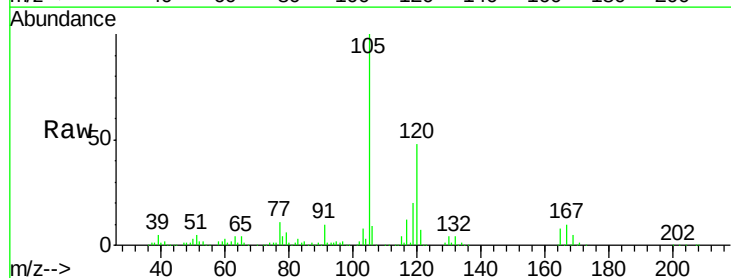
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

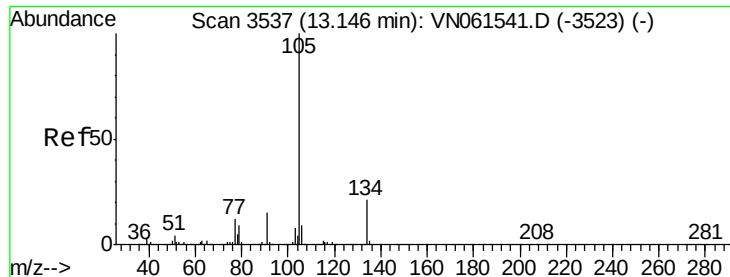
Tgt Ion:119 Resp: 626164
 Ion Ratio Lower Upper
 119 100
 91 60.4 31.3 93.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 43.11 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion:105 Resp: 723329
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.2 69.5





#85

sec-Butylbenzene

Concen: 41.23 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

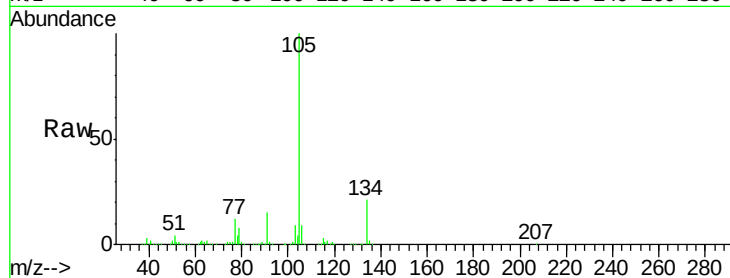
VSTDCCC050EC

Tgt Ion:105 Resp: 792653

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

500000

400000

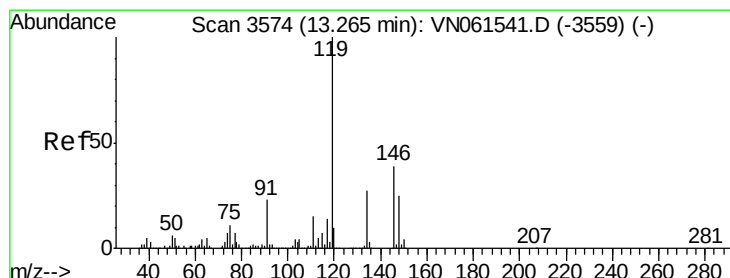
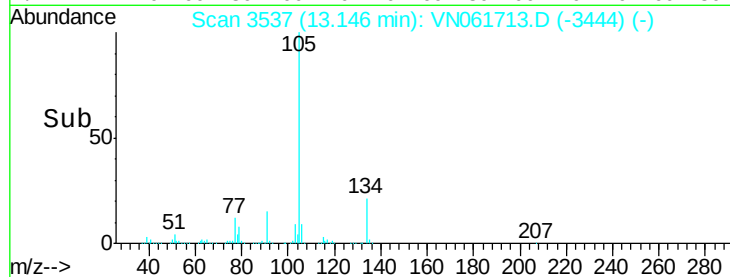
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 42.40 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

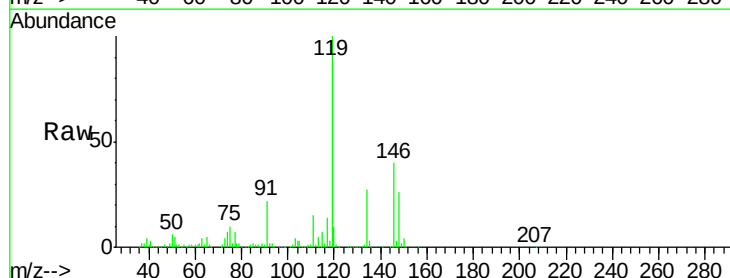
Tgt Ion:119 Resp: 750721

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.0 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

13.26

600000

500000

400000

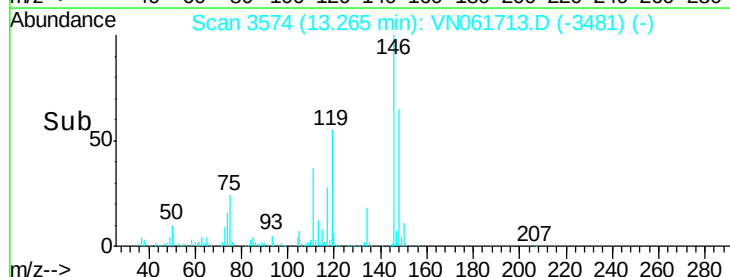
300000

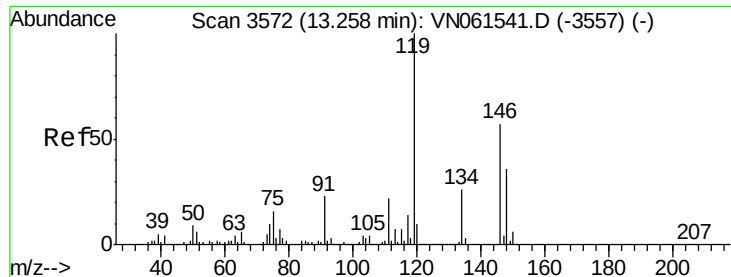
200000

100000

0

Time-->

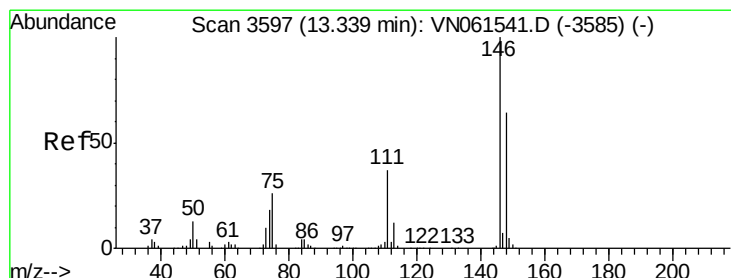
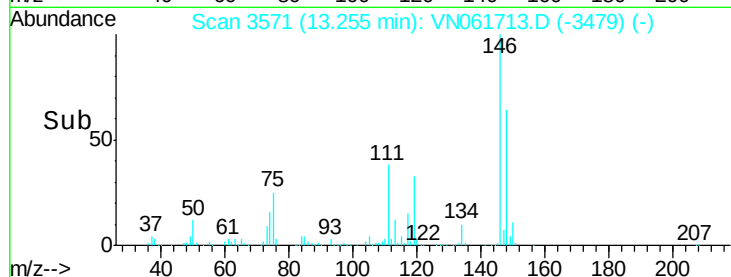
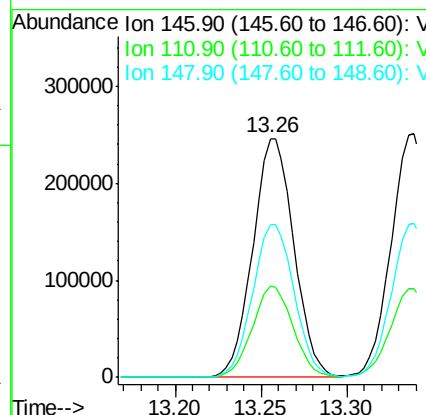
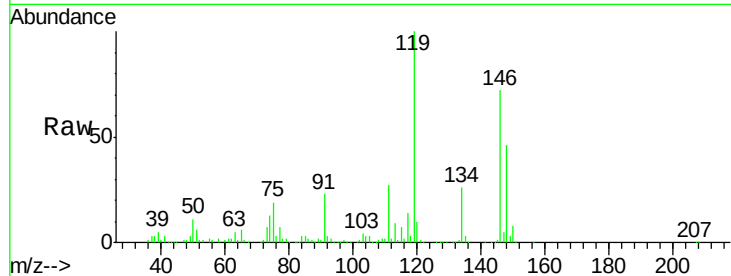




#87
 1,3-Dichlorobenzene
 Concen: 44.69 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

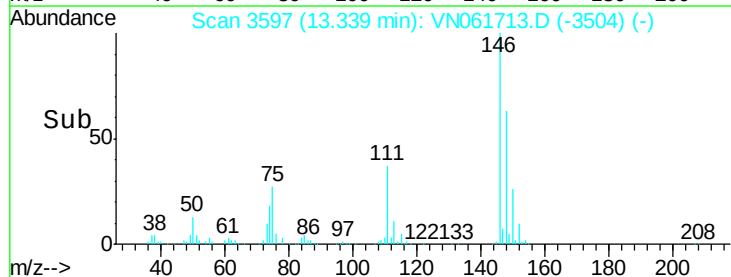
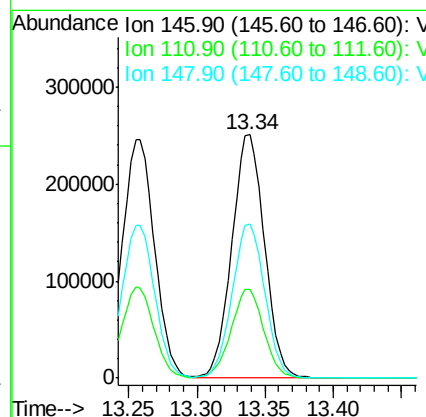
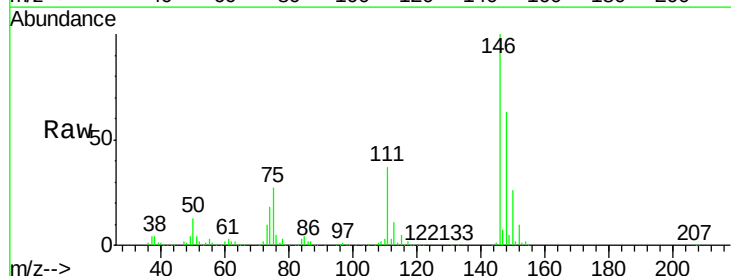
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

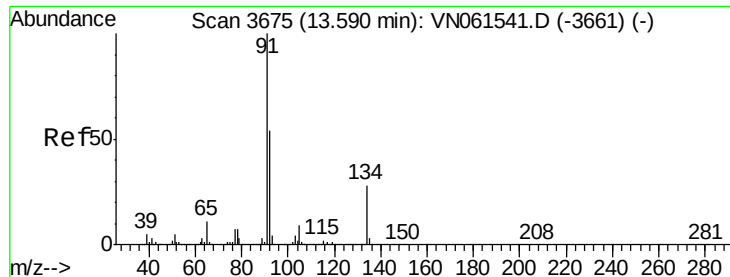
Tgt Ion:146 Resp: 408127
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.2 57.6
 148 64.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 44.68 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion:146 Resp: 415686
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.9
 148 63.5 31.8 95.3

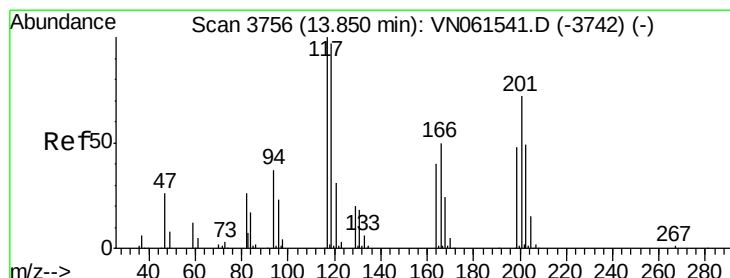
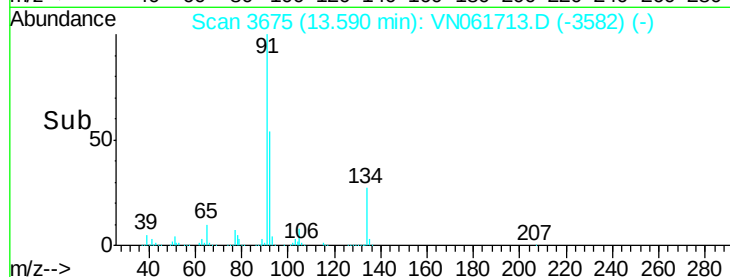
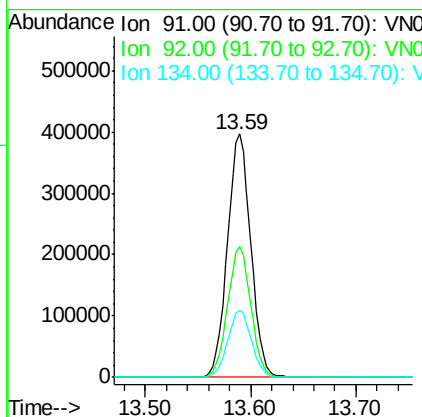
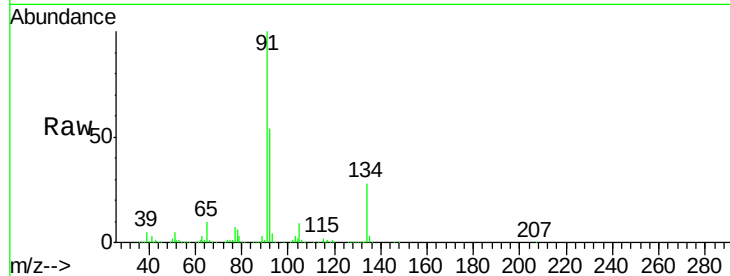




#89
n-Butylbenzene
Concen: 40.87 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

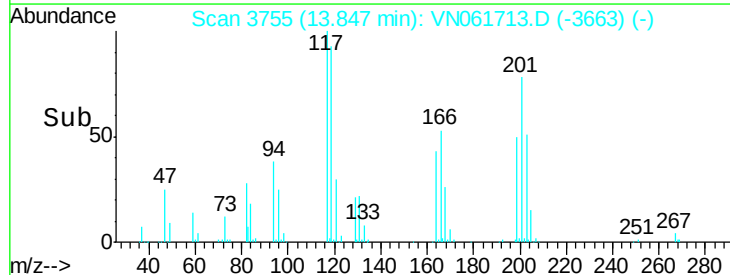
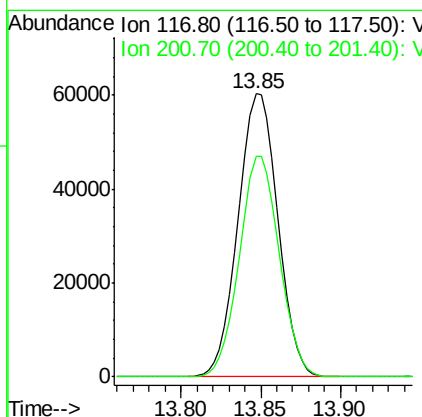
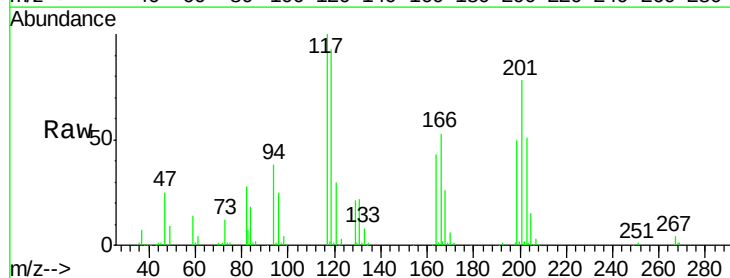
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

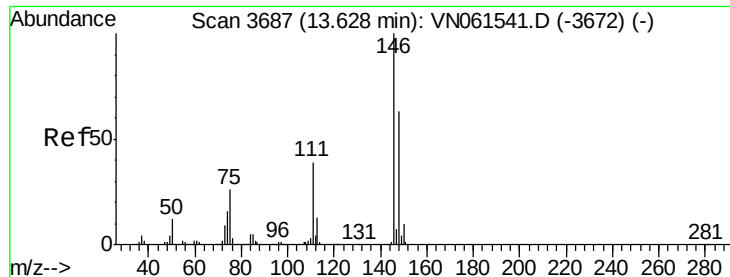
Tgt Ion: 91 Resp: 606091
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 28.1 14.0 42.0



#90
Hexachloroethane
Concen: 52.26 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061713.D
Acq: 8 Jun 2020 21:59

Tgt Ion: 117 Resp: 102340
Ion Ratio Lower Upper
117 100
201 78.1 36.7 110.1

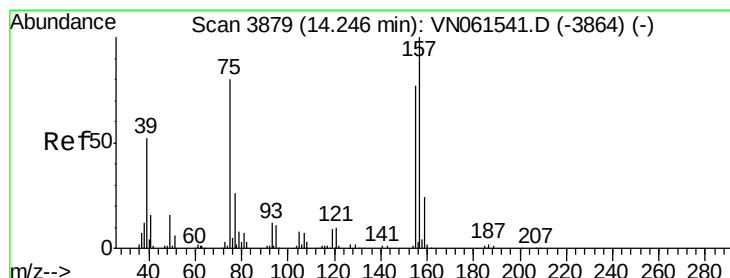
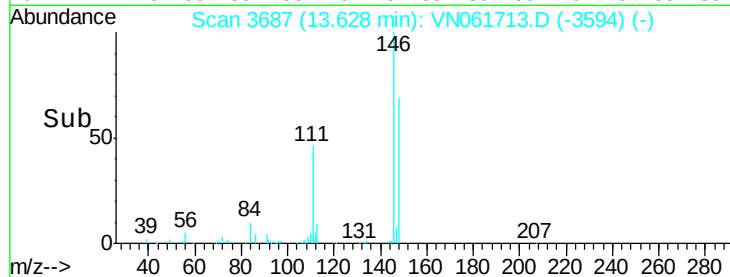
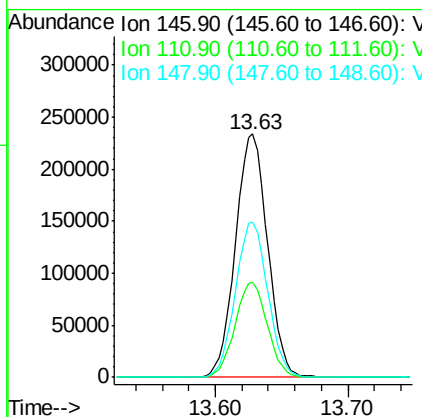
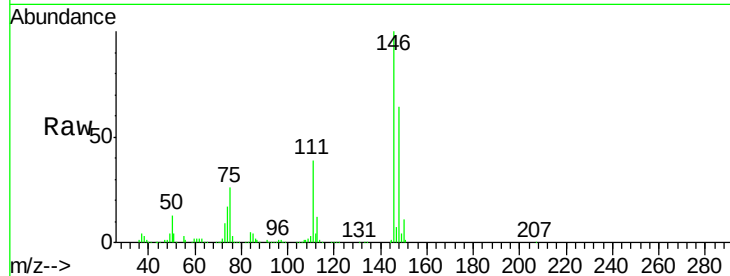




#91
 1,2-Dichlorobenzene
 Concen: 45.10 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

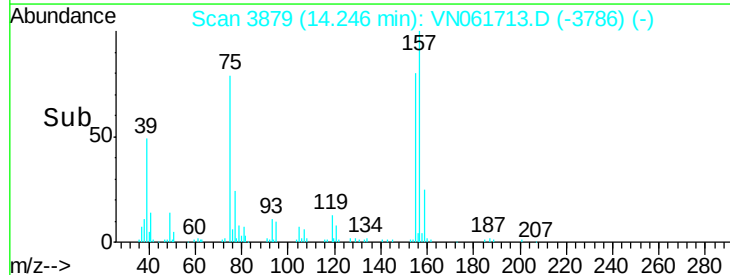
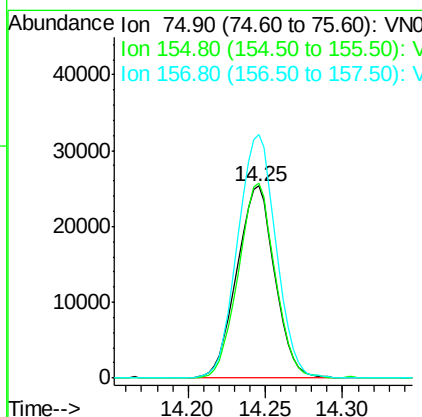
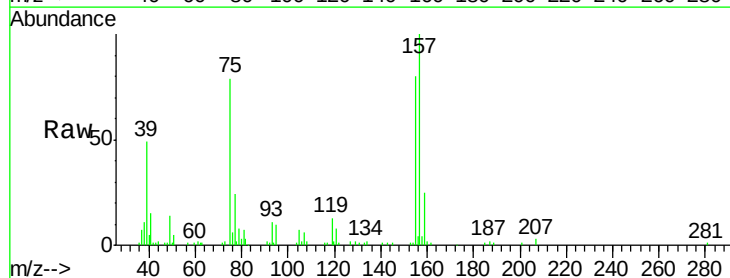
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

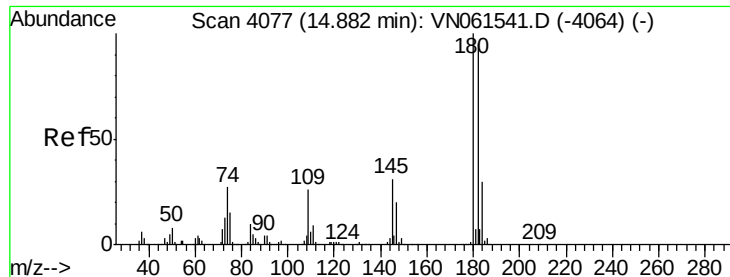
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 37.53 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	47.1	141.4
157	127.7	60.3	180.8

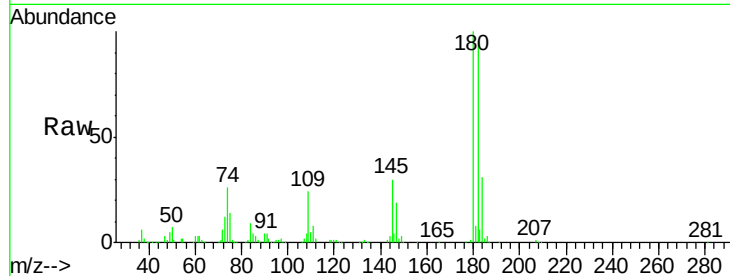




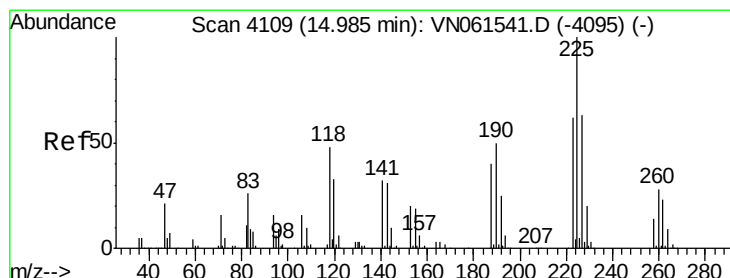
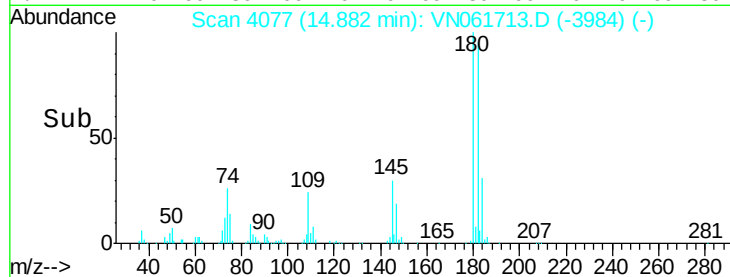
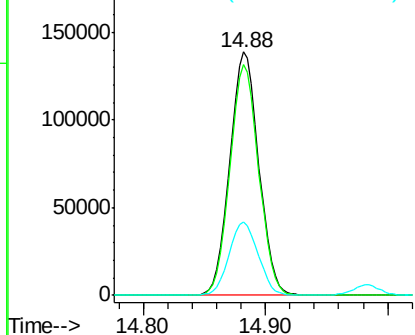
#93
 1,2,4-Trichlorobenzene
 Concen: 45.03 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 229835
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 30.3 15.5 46.5

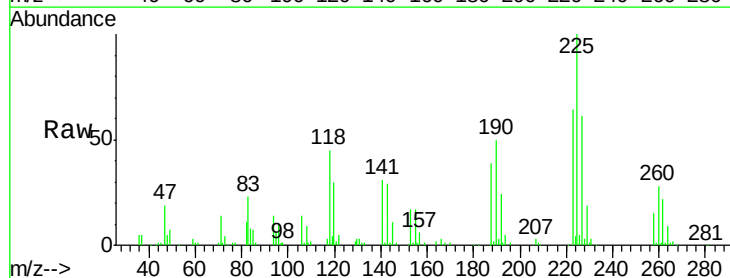


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

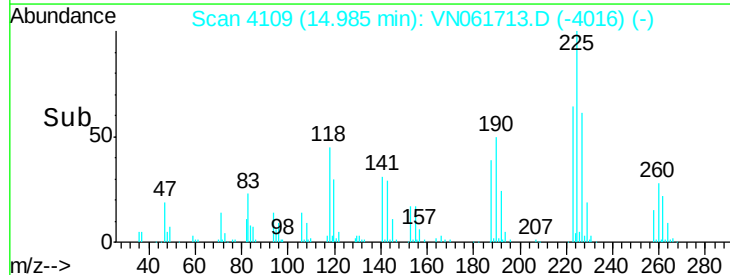
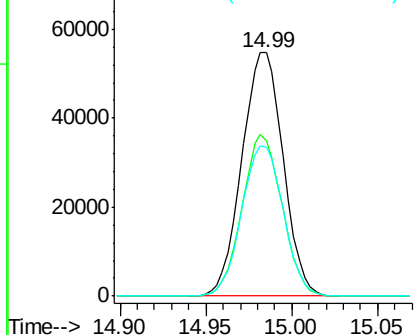


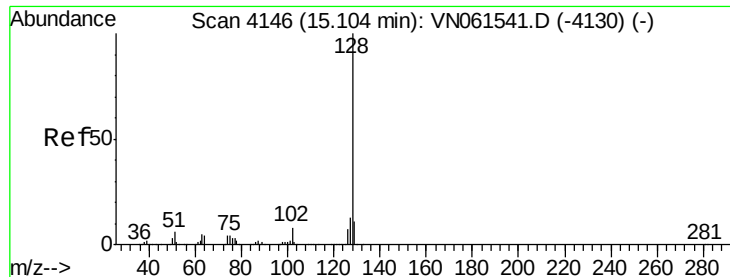
#94
 Hexachlorobutadiene
 Concen: 41.92 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061713.D
 Acq: 8 Jun 2020 21:59

Tgt Ion:225 Resp: 91258
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.5
 227 62.1 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: 42.74 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

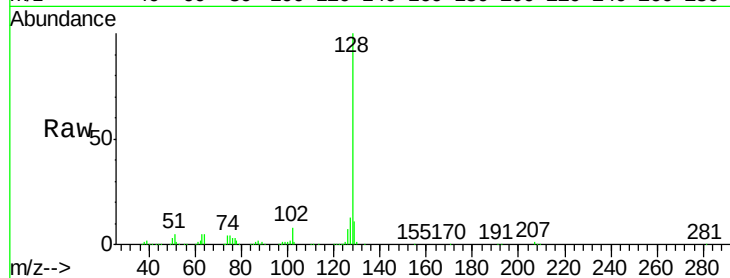
Tgt Ion:128 Resp: 664073

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

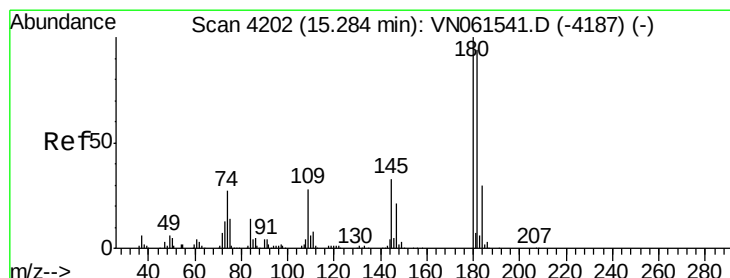
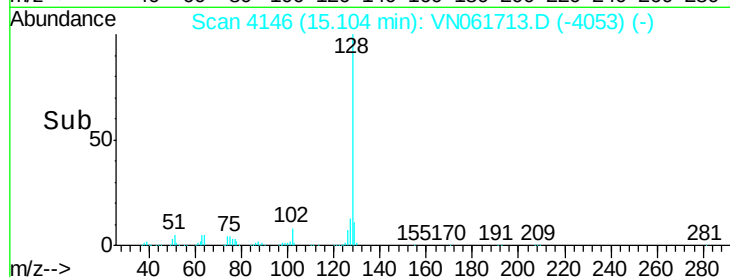
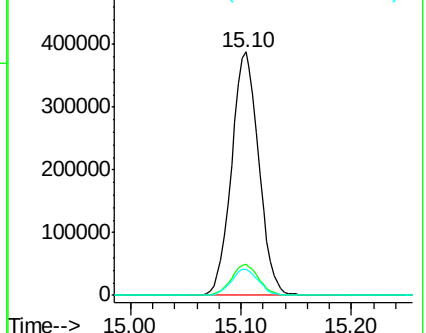
129 10.8 8.5 12.7



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: 45.07 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061713.D

Acq: 8 Jun 2020 21:59

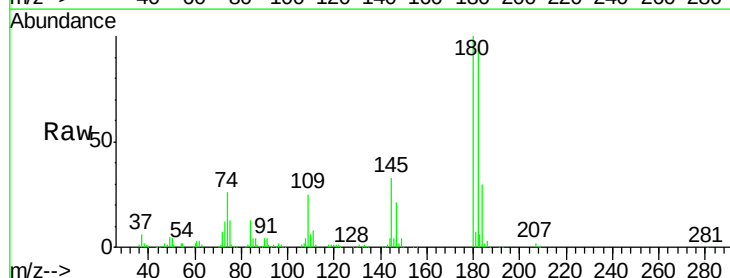
Tgt Ion:180 Resp: 226211

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 32.6 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

