

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061917.D
 Acq On : 18 Jun 2020 22:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 05:30:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	103658	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.55	113	88487	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.06	98	334210	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	116855	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98354	48.898	ug/l	98
3) Chloromethane	2.03	50	109907	51.214	ug/l	98
4) Vinyl Chloride	2.16	62	134376	52.525	ug/l	100
5) Bromomethane	2.52	94	96949	49.348	ug/l	100
6) Chloroethane	2.66	64	91729	52.978	ug/l	97
7) Trichlorofluoromethane	2.98	101	157003	51.377	ug/l	98
8) Diethyl Ether	3.37	74	54429	52.980	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75913	48.421	ug/l	99
10) Methyl Iodide	3.91	142	105003	54.911	ug/l	99
11) Tert butyl alcohol	4.74	59	70952	247.279	ug/l	97
12) 1,1-Dichloroethene	3.69	96	80034	50.949	ug/l	98
13) Acrolein	3.56	56	43829	255.575	ug/l	100
14) Allyl chloride	4.27	41	107162	51.399	ug/l	98
15) Acrylonitrile	4.93	53	196501	276.385	ug/l	99
16) Acetone	3.77	43	150399	245.559	ug/l	100
17) Carbon Disulfide	4.01	76	223015	48.520	ug/l	100
18) Methyl Acetate	4.28	43	91354	51.808	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	279960	53.526	ug/l	100
20) Methylene Chloride	4.50	84	99967	50.098	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	90807	50.327	ug/l	97
22) Diisopropyl ether	5.90	45	248871	52.193	ug/l	98
23) Vinyl Acetate	5.84	43	992184	264.564	ug/l	100
24) 1,1-Dichloroethane	5.80	63	161222	51.651	ug/l	99
25) 2-Butanone	6.78	43	237188	265.428	ug/l	97
26) 2,2-Dichloropropane	6.78	77	115068	43.817	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	107149	51.466	ug/l	99
28) Bromochloromethane	7.15	49	71055	51.126	ug/l	97
29) Tetrahydrofuran	7.17	42	159206	270.718	ug/l	100
30) Chloroform	7.33	83	172867	51.820	ug/l	100
31) Cyclohexane	7.61	56	119685	43.801	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145007	51.041	ug/l	99
36) 1,1-Dichloropropene	7.75	75	120118	49.799	ug/l	100
37) Ethyl Acetate	6.88	43	102813	54.584	ug/l	99
38) Carbon Tetrachloride	7.73	117	119675	50.102	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124684	48.006	ug/l	98
40) Benzene	8.00	78	380151	52.028	ug/l	98
41) Methacrylonitrile	7.17	41	146493	181.878	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	132697	53.263	ug/l	100
43) Isopropyl Acetate	8.13	43	171670	54.081	ug/l #	91
44) Trichloroethene	8.80	130	97163	50.529	ug/l	99
45) 1,2-Dichloropropane	9.09	63	96107	53.523	ug/l	99
46) Dibromomethane	9.18	93	68173	53.915	ug/l	99
47) Bromodichloromethane	9.37	83	138072	53.327	ug/l	98
48) Methyl methacrylate	9.17	41	79747	55.244	ug/l	98
49) 1,4-Dioxane	9.17	88	35849	1081.674	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	523308	278.979	ug/l	99
52) Toluene	10.12	92	244782	53.343	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	146564	53.323	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	157448	52.739	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	99977	55.375	ug/l	97
56) Ethyl methacrylate	10.40	69	137168	49.753	ug/l	100
57) 1,3-Dichloropropane	10.68	76	167280	54.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	235434	247.081	ug/l	100
59) 2-Hexanone	10.72	43	381073	254.057	ug/l	99
60) Dibromochloromethane	10.87	129	110083	54.642	ug/l	100
61) 1,2-Dibromoethane	10.98	107	103574	54.939	ug/l	99
64) Tetrachloroethene	10.60	164	79491	50.166	ug/l	99
65) Chlorobenzene	11.41	112	262787	50.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	98159	53.652	ug/l	98
67) Ethyl Benzene	11.48	91	452781	51.479	ug/l	99
68) m/p-Xylenes	11.60	106	357488	105.407	ug/l	100
69) o-Xylene	11.92	106	173978	53.763	ug/l	100
70) Styrene	11.94	104	299457	55.267	ug/l	99
71) Bromoform	12.10	173	75191	56.364	ug/l #	99
73) Isopropylbenzene	12.22	105	440465	50.452	ug/l	99
74) N-amyl acetate	12.05	43	153604	48.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	147817	52.076	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	179693	74.499	ug/l #	100
77) Bromobenzene	12.50	156	114361	51.922	ug/l	99
78) n-propylbenzene	12.57	91	497369	49.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	301425	50.380	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	373037	51.647	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45245	51.162	ug/l	99
82) 4-Chlorotoluene	12.75	91	314873	50.932	ug/l	99
83) tert-Butylbenzene	12.97	119	304462	49.722	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	381942	53.569	ug/l	99
85) sec-Butylbenzene	13.15	105	410011	51.157	ug/l	100
86) p-Isopropyltoluene	13.26	119	376650	52.739	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203413	50.636	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205532	49.983	ug/l	99
89) n-Butylbenzene	13.59	91	298495	50.046	ug/l	99
90) Hexachloroethane	13.85	117	69747	53.351	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	199667	51.629	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25250	54.795	ug/l	98

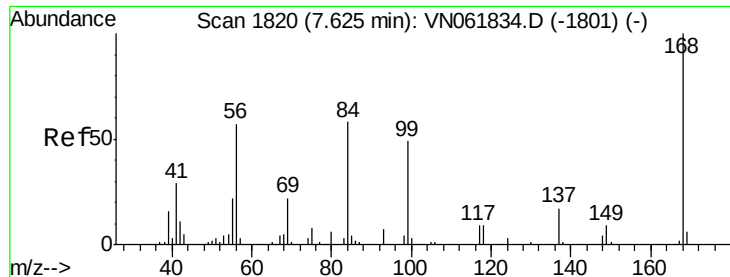
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92269	50.561	ug/l	99
94) Hexachlorobutadiene	14.99	225	34169	47.539	ug/l	94
95) Naphthalene	15.10	128	275448	45.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	93633	51.807	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

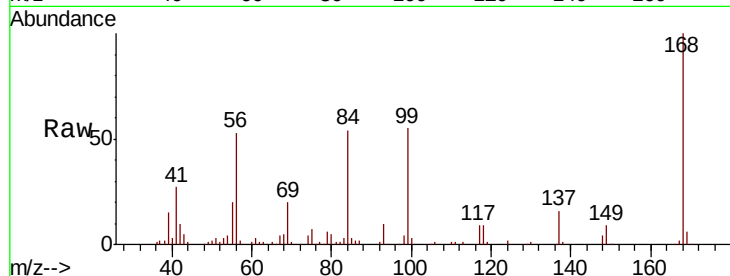
VSTDCCC050

Tot Ion:168 Resp: 154607

Ion Ratio Lower Upper

168 100

99 55.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

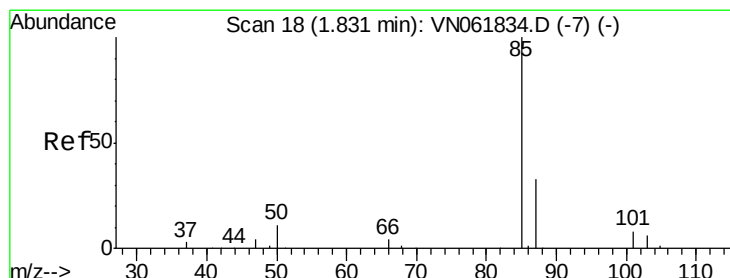
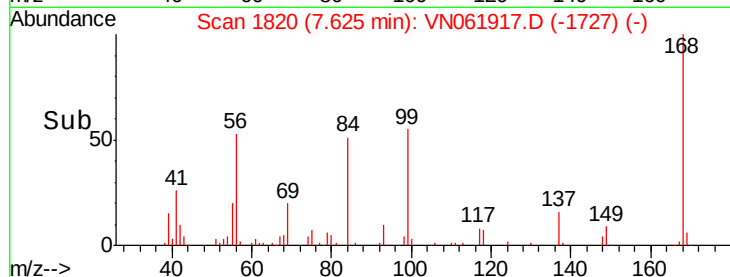
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.898 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061917.D

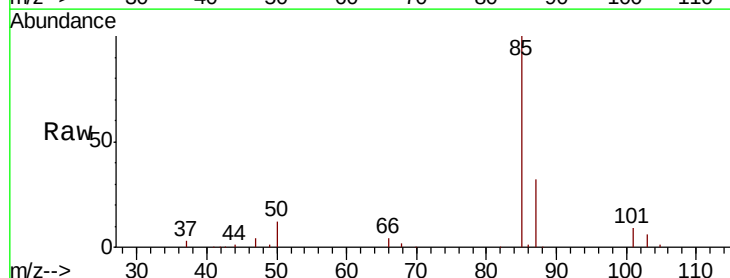
Acq: 18 Jun 2020 22:52

Tgt Ion: 85 Resp: 98354

Ion Ratio Lower Upper

85 100

87 32.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

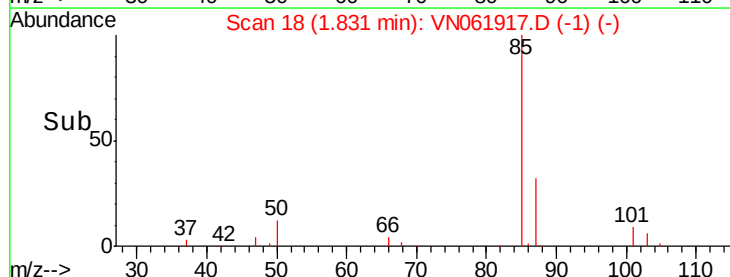
40000

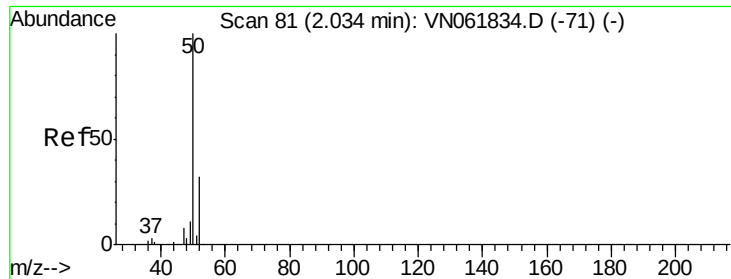
20000

0

1.75 1.80 1.85 1.90

Time-->

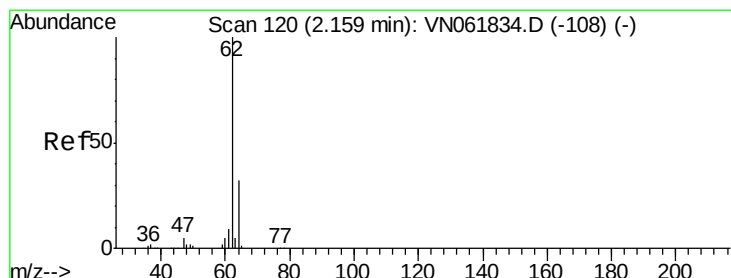
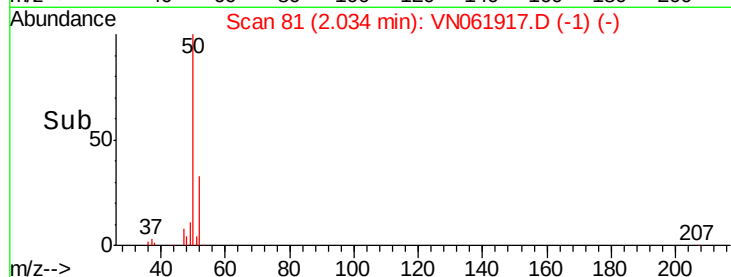
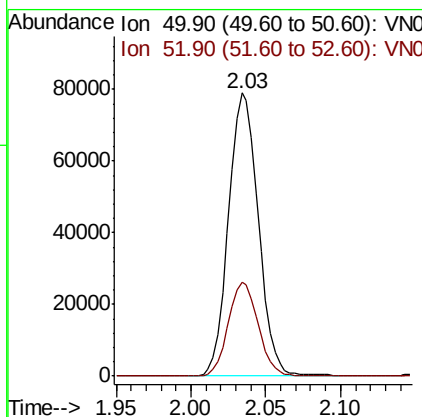
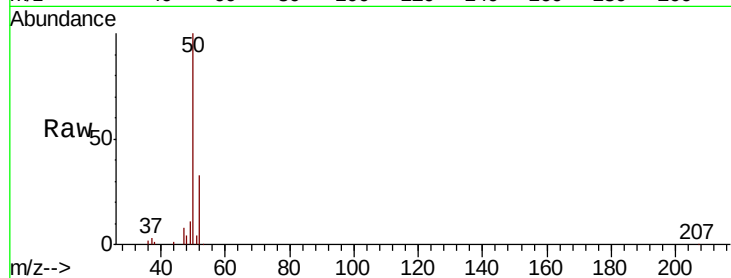




#3
Chloromethane
Concen: 51.214 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

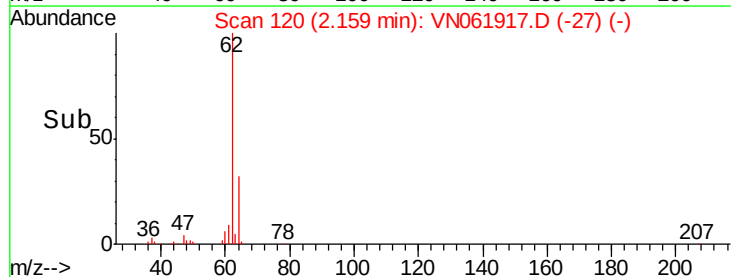
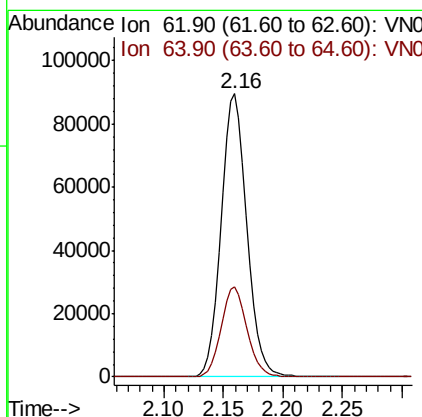
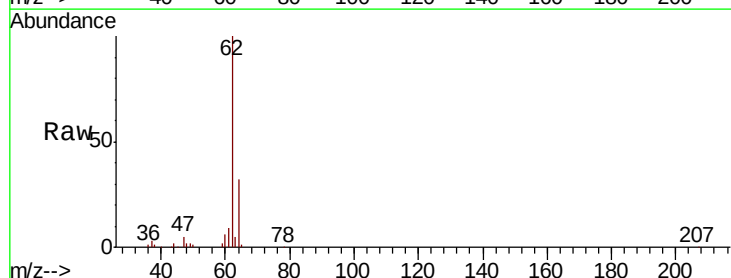
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

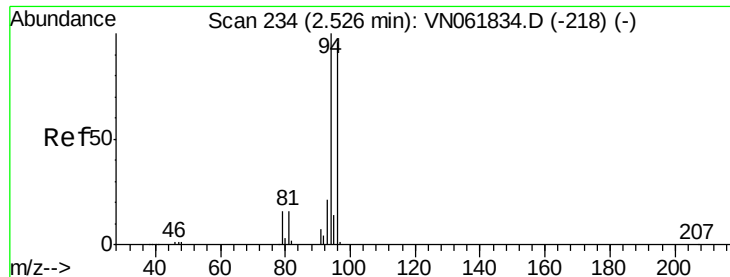
Tot Ion: 50 Resp: 109907
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 52.525 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 62 Resp: 134376
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5

Bromomethane

Concen: 49.348 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampled :

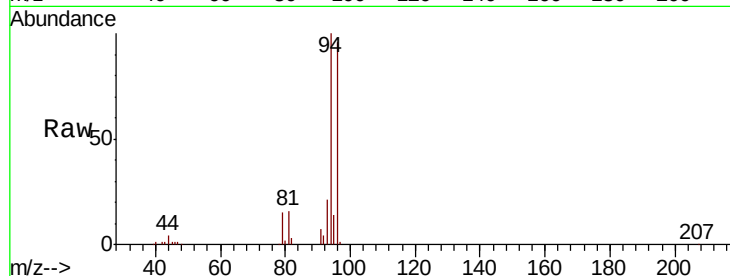
VSTDCCC050

Tot Ion: 94 Resp: 96949

Ion Ratio Lower Upper

94 100

96 95.6 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)

2.52

50000

40000

30000

20000

10000

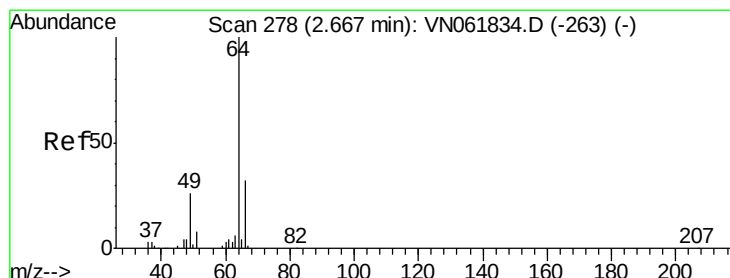
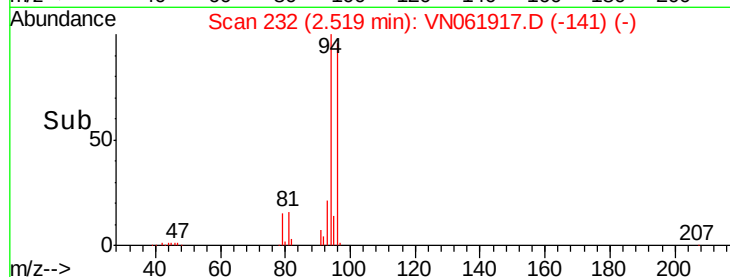
0

Time-->

2.40

2.50

2.60



#6

Chloroethane

Concen: 52.978 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061917.D

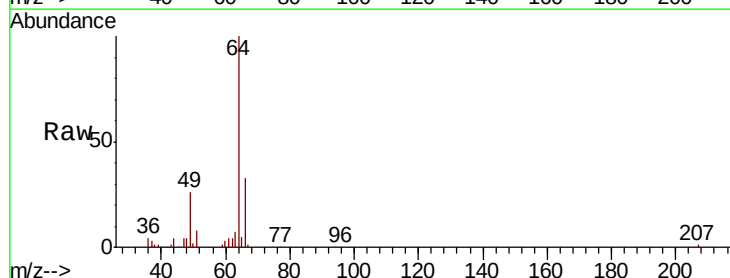
Acq: 18 Jun 2020 22:52

Tgt Ion: 64 Resp: 91729

Ion Ratio Lower Upper

64 100

66 33.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)

2.66

50000

40000

30000

20000

10000

0

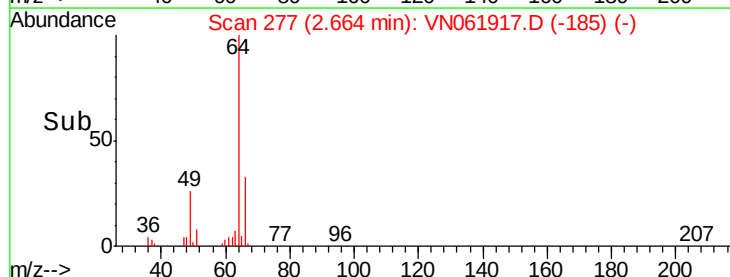
Time-->

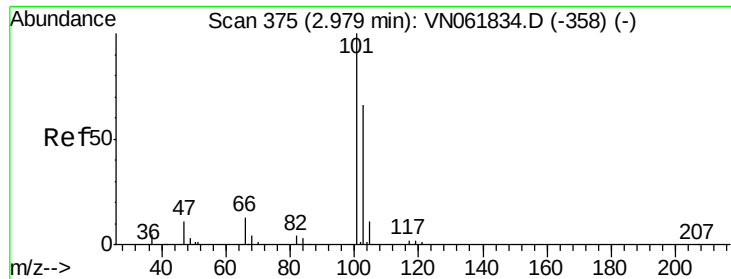
2.60

2.65

2.70

2.75



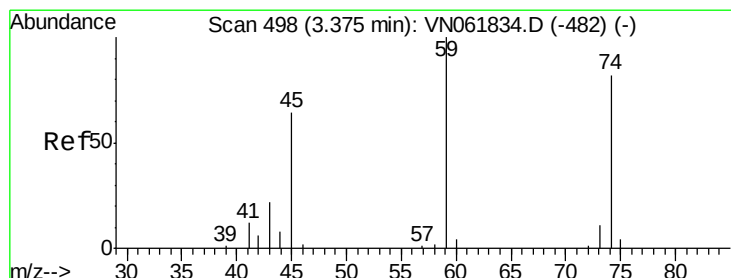
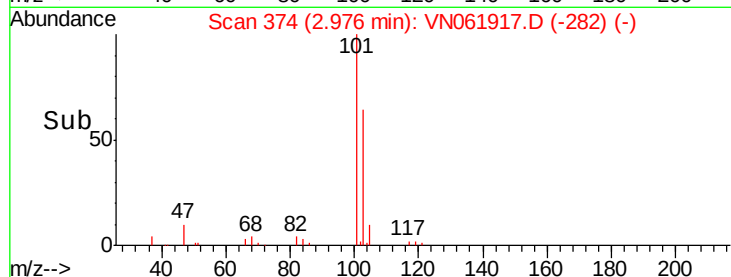
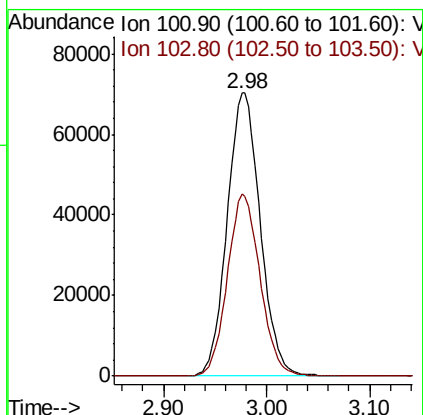
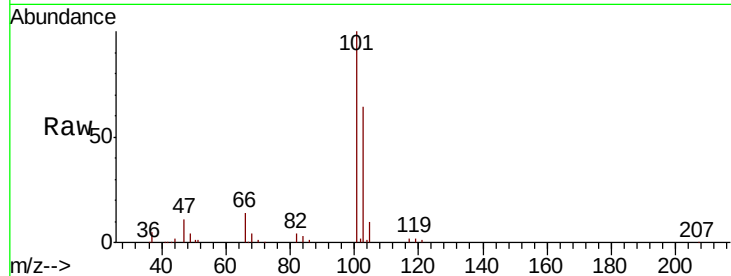


#7

Trichlorofluoromethane
Concen: 51.377 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061917.D
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VSTDCCC050

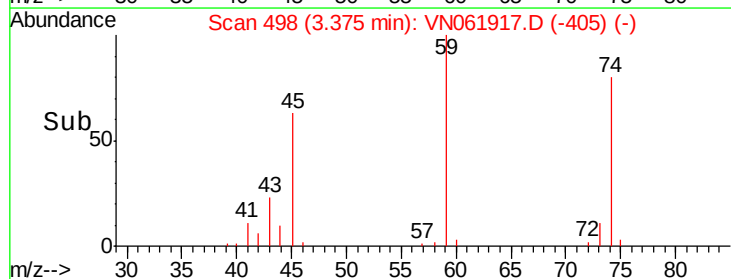
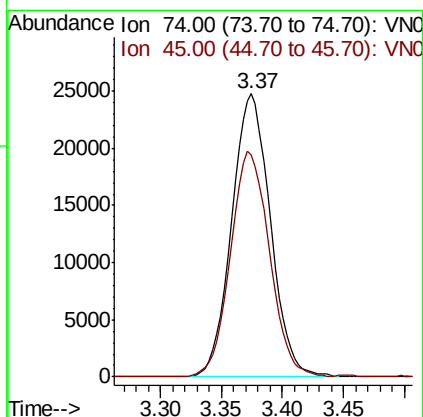
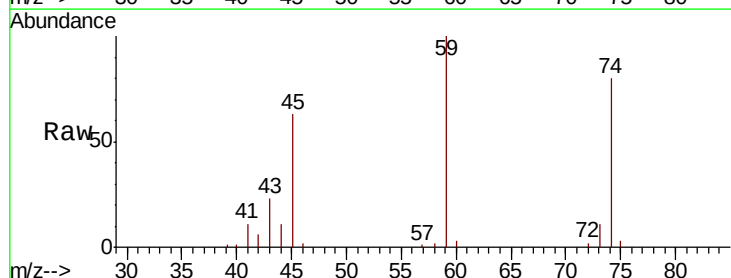
Tot Ion:101 Resp: 157003
Ion Ratio Lower Upper
101 100
103 64.4 52.8 79.2

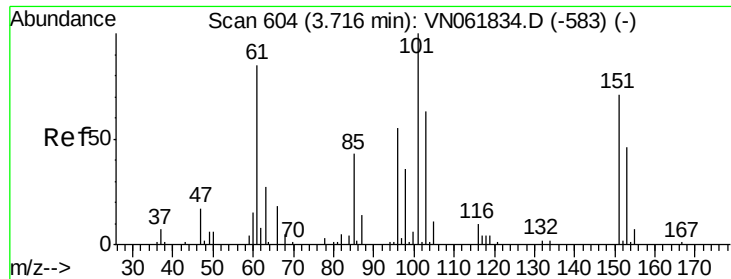


#8

Diethyl Ether
Concen: 52.980 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 74 Resp: 54429
Ion Ratio Lower Upper
74 100
45 80.6 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.421 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

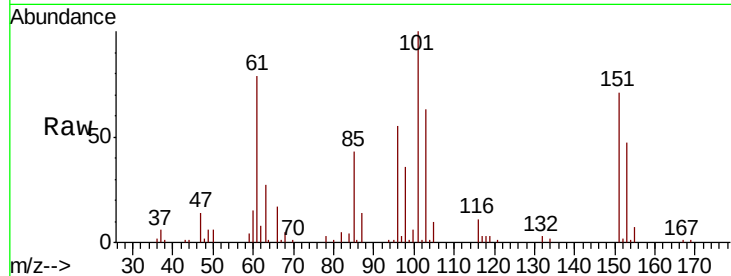
Tot Ion:101 Resp: 75913

Ion Ratio Lower Upper

101 100

85 42.9 35.0 52.6

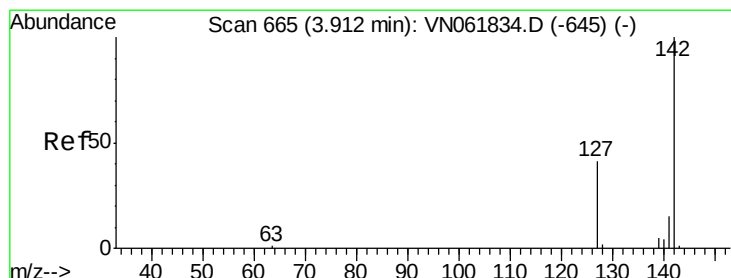
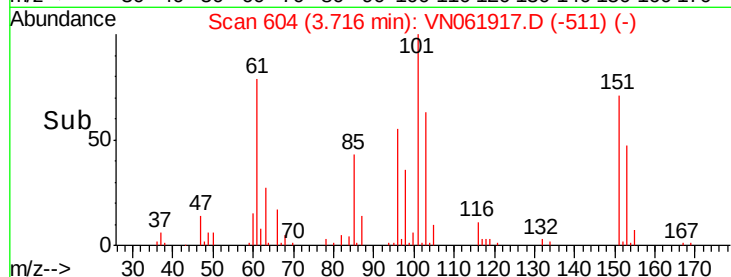
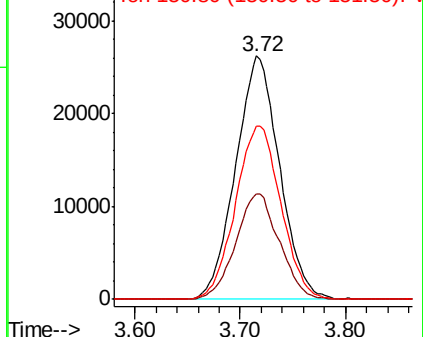
151 73.6 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.911 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

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Acq: 18 Jun 2020 22:52

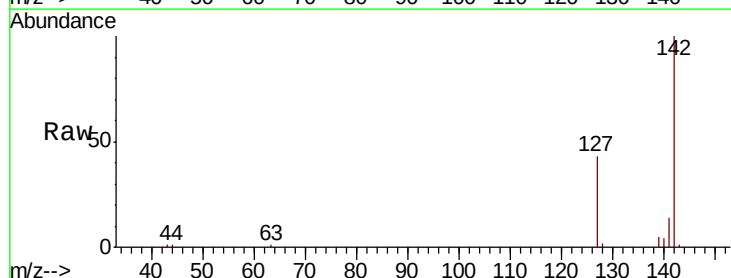
Tgt Ion:142 Resp: 105003

Ion Ratio Lower Upper

142 100

127 42.5 33.4 50.0

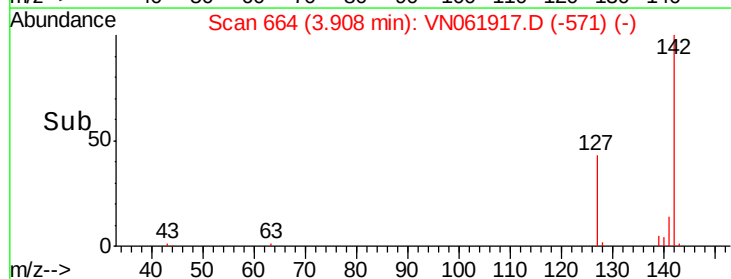
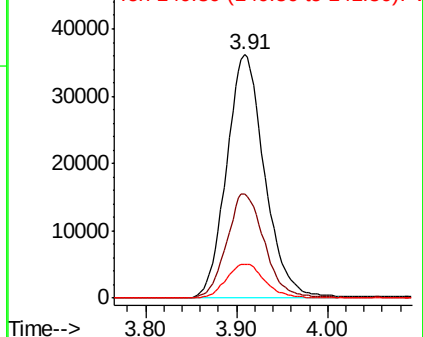
141 14.0 11.3 16.9

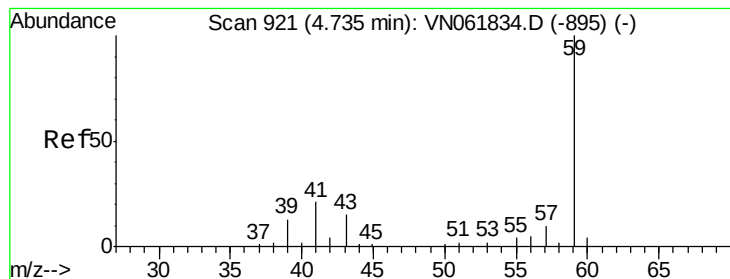


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 247.279 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

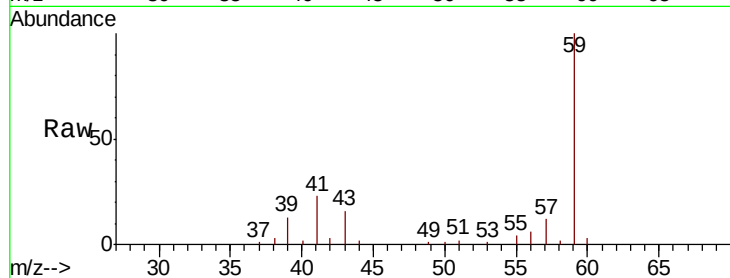
VSTDCCC050

Tot Ion: 59 Resp: 70952

Ion Ratio Lower Upper

59 100

57 10.8 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN061917.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN061917.D (-828) (-)

4.74

20000

15000

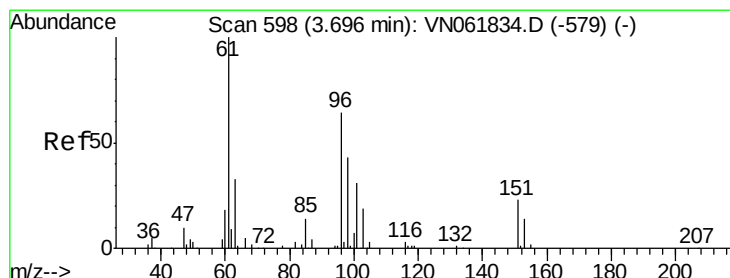
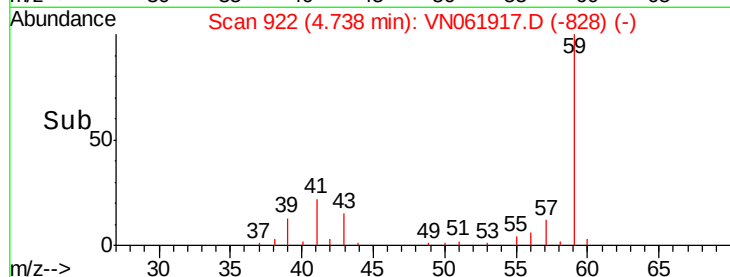
10000

5000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 50.949 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

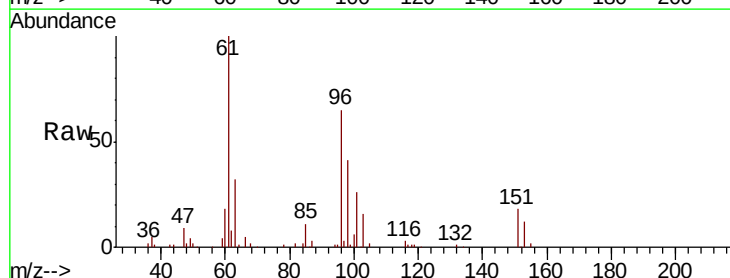
Tgt Ion: 96 Resp: 80034

Ion Ratio Lower Upper

96 100

61 153.4 124.3 186.5

98 62.8 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN061917.D (-505) (-)

Ion 60.90 (60.60 to 61.60): VN061917.D (-505) (-)

Ion 97.90 (97.60 to 98.60): VN061917.D (-505) (-)

60000

50000

40000

30000

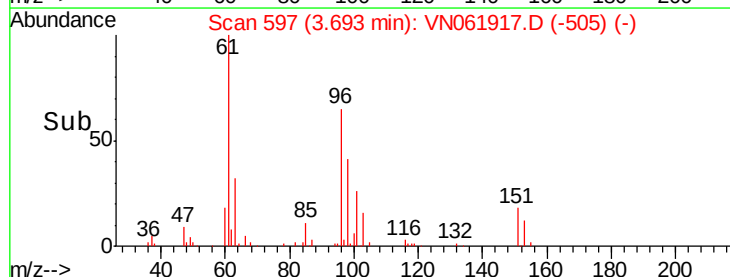
20000

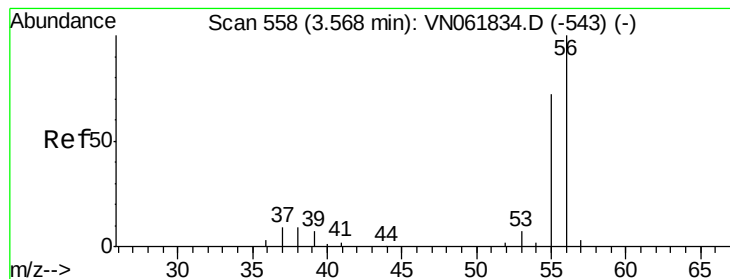
10000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 255.575 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

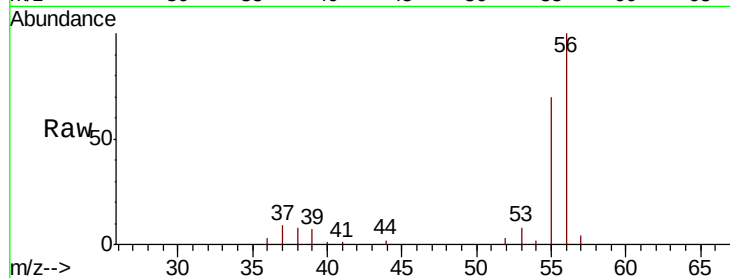
VSTDCCC050

Tot Ion: 56 Resp: 43829

Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN061834.D (-543) (-)

3.56

20000

15000

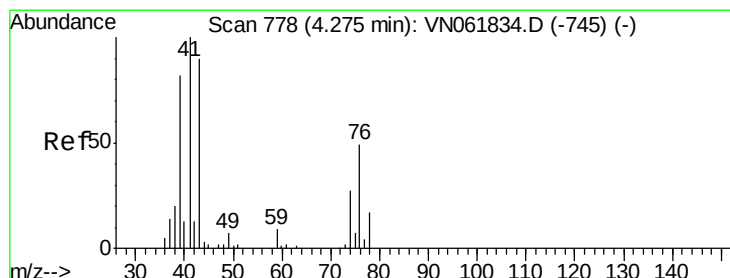
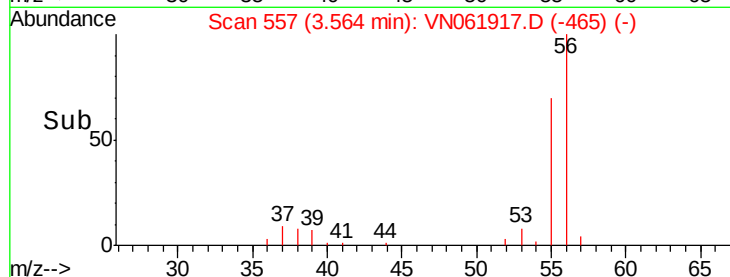
10000

5000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 51.399 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

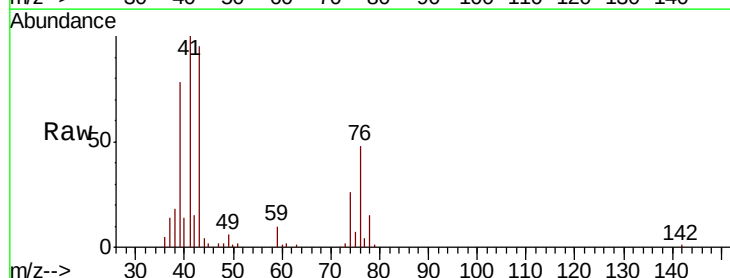
Tgt Ion: 41 Resp: 107162

Ion Ratio Lower Upper

41 100

39 74.4 60.2 90.2

76 43.8 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)

4.27

40000

30000

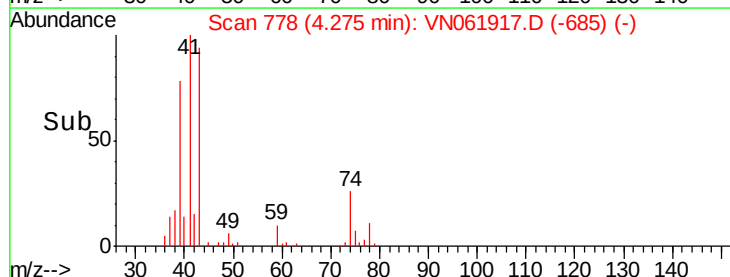
20000

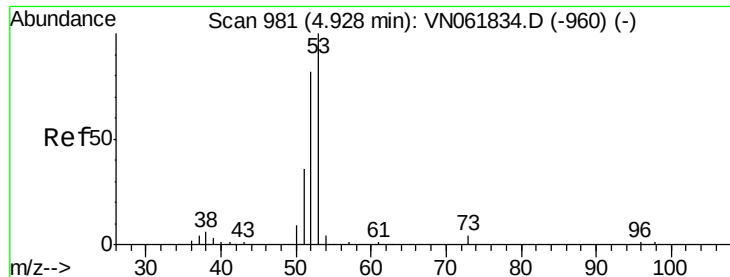
10000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 276.385 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

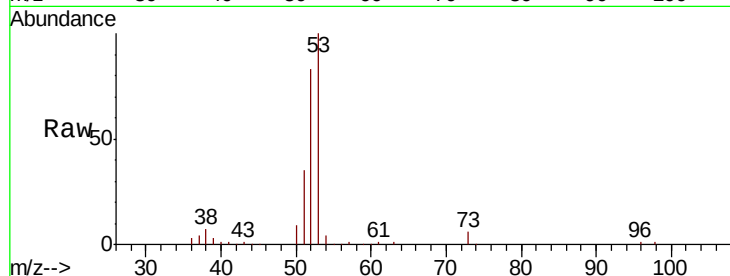
Tot Ion: 53 Resp: 196501

Ion Ratio Lower Upper

53 100

52 81.8 65.2 97.8

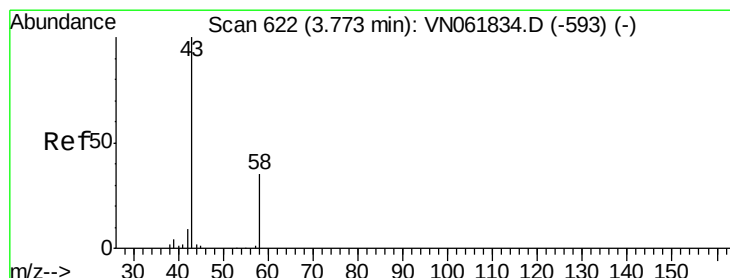
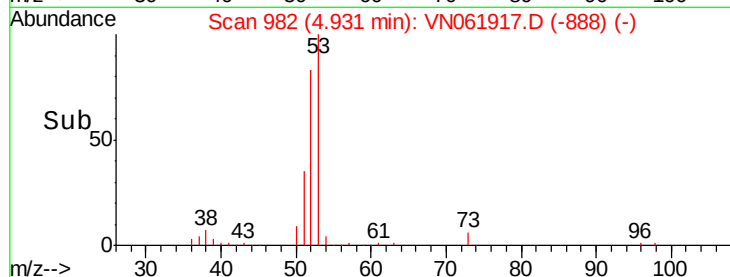
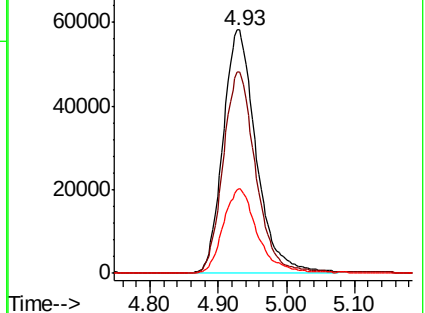
51 35.8 29.3 43.9



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

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

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



#16

Acetone

Concen: 245.559 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061917.D

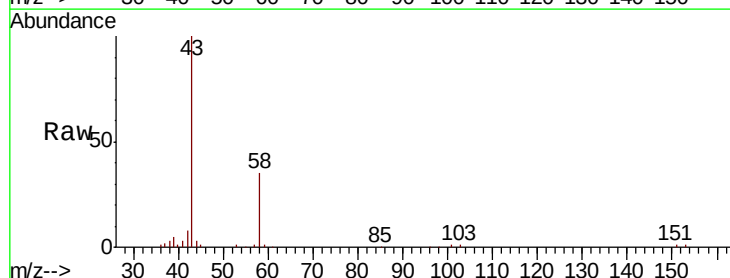
Acq: 18 Jun 2020 22:52

Tgt Ion: 43 Resp: 150399

Ion Ratio Lower Upper

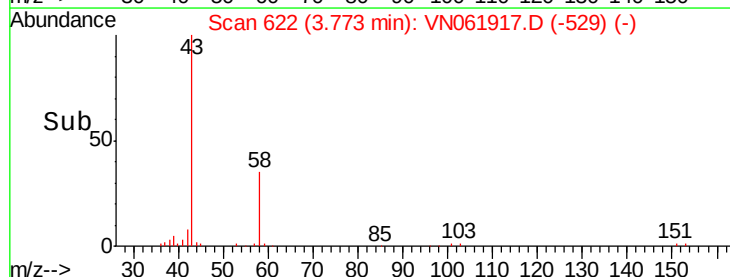
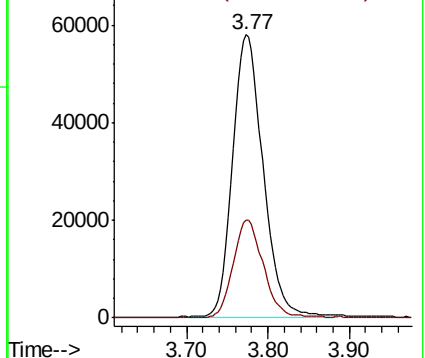
43 100

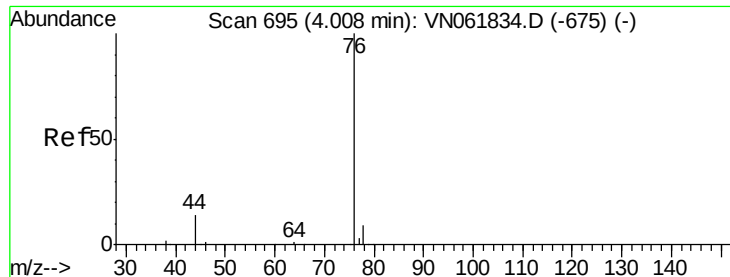
58 34.8 27.8 41.8



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

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





#17

Carbon Disulfide

Concen: 48.520 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

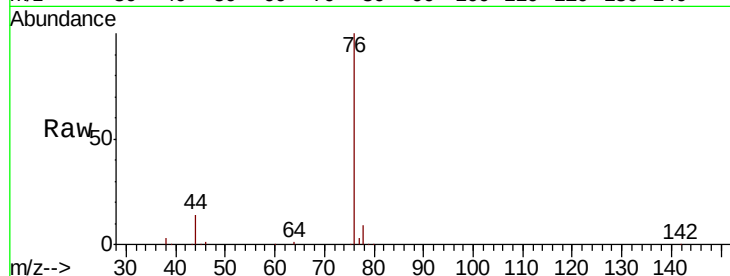
VSTDCCC050

Tot Ion: 76 Resp: 223015

Ion Ratio Lower Upper

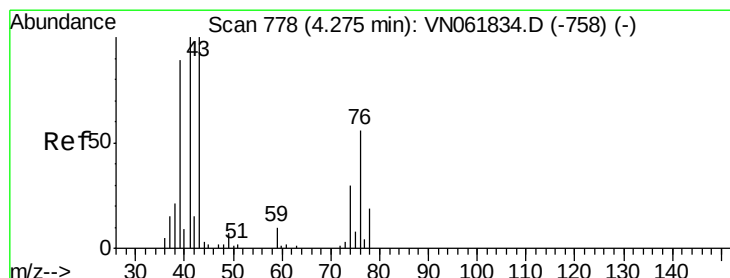
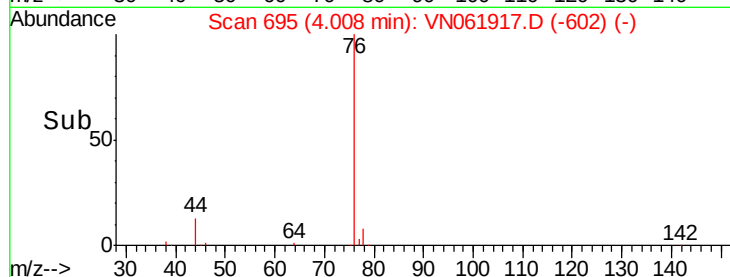
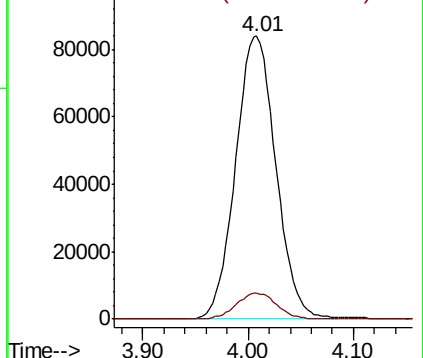
76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 51.808 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061917.D

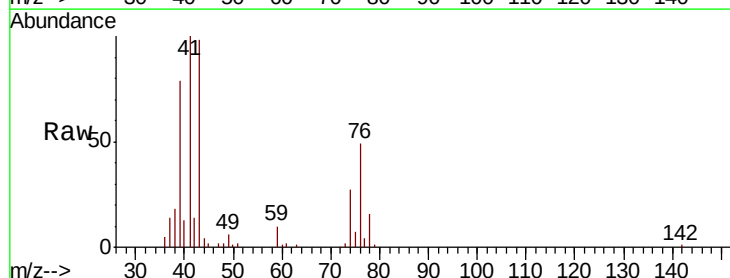
Acq: 18 Jun 2020 22:52

Tgt Ion: 43 Resp: 91354

Ion Ratio Lower Upper

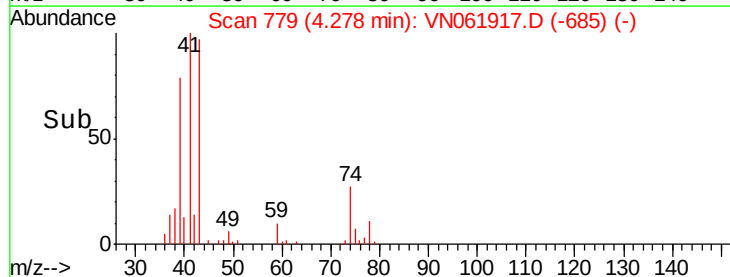
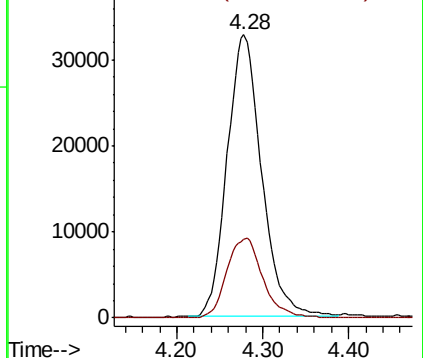
43 100

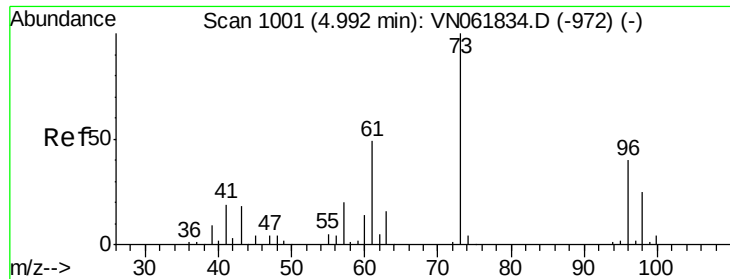
74 29.6 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

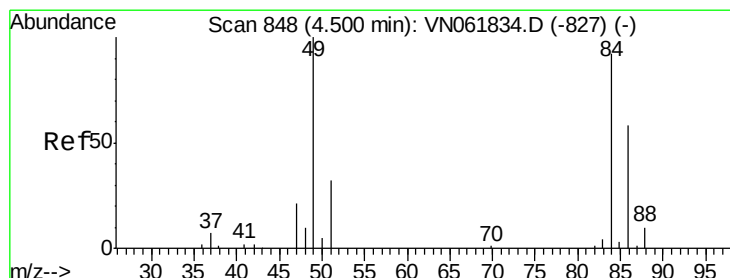
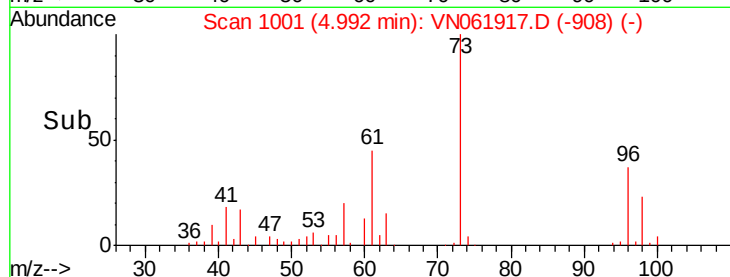
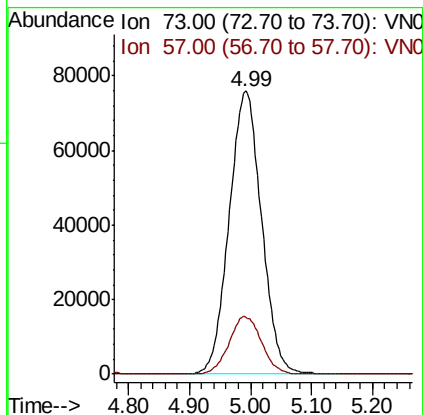
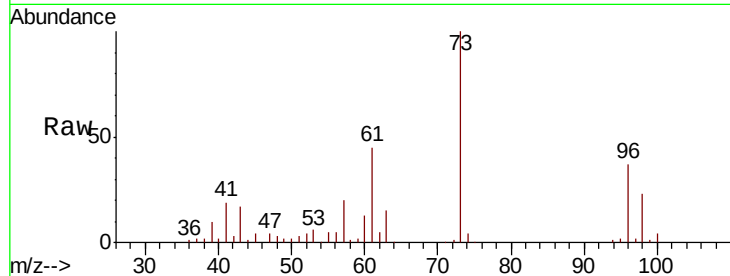




#19
Methyl tert-butyl Ether
Concen: 53.526 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

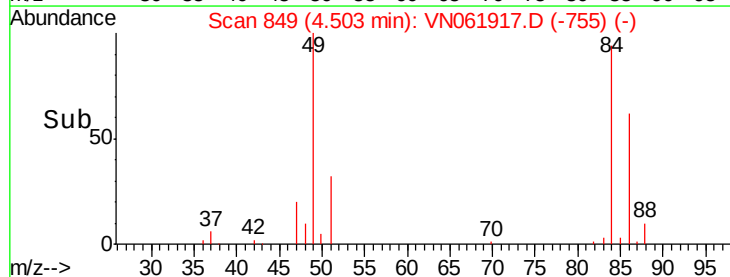
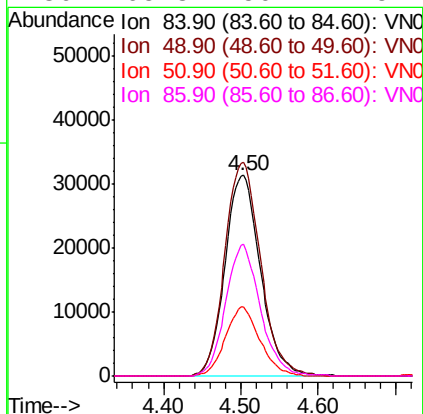
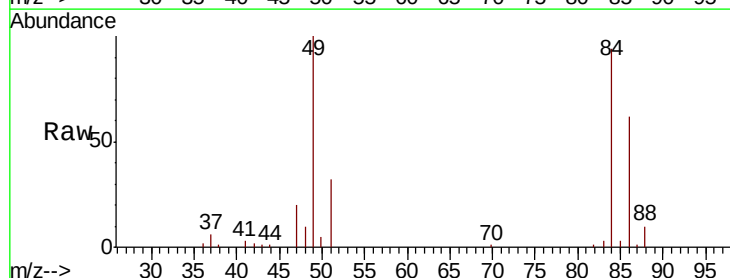
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

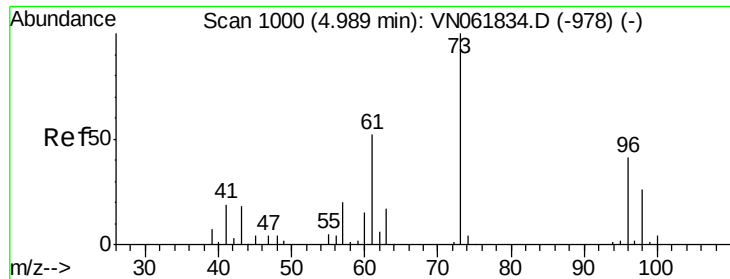
Tot Ion: 73 Resp: 279960
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4



#20
Methylene Chloride
Concen: 50.098 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 84 Resp: 99967
Ion Ratio Lower Upper
84 100
49 106.5 87.0 130.4
51 34.4 27.8 41.6
86 65.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.327 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

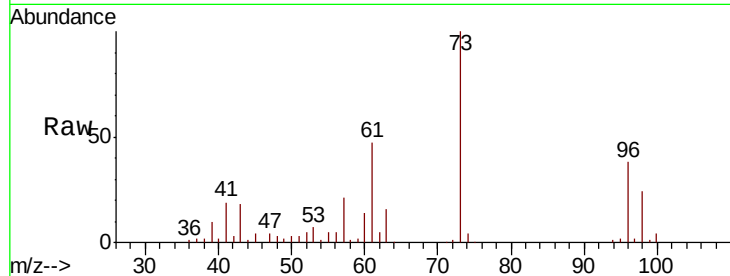
Tot Ion: 96 Resp: 90807

Ion Ratio Lower Upper

96 100

61 122.7 102.2 153.4

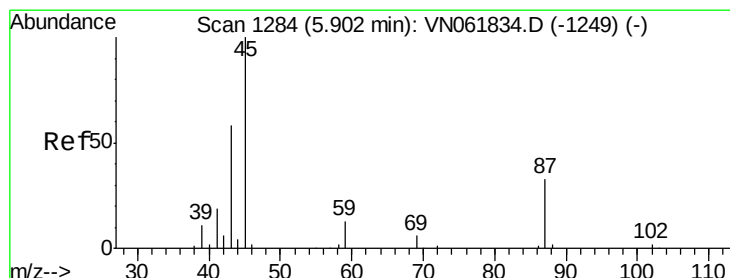
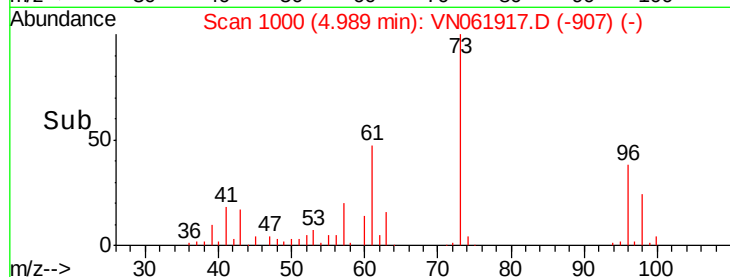
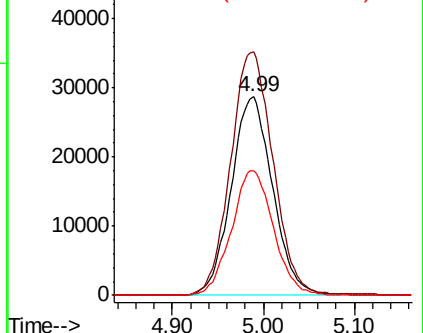
98 62.8 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VN061917.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061917.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061917.D (-907) (-)



#22

Diisopropyl ether

Concen: 52.193 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion: 45 Resp: 248871

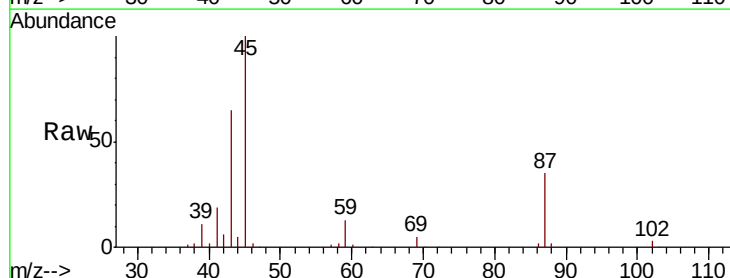
Ion Ratio Lower Upper

45 100

43 63.7 49.4 74.2

87 35.5 27.4 41.0

59 12.5 10.6 15.8

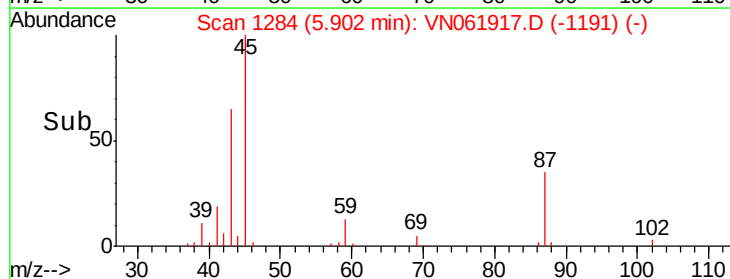
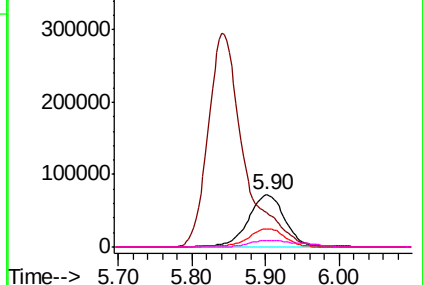


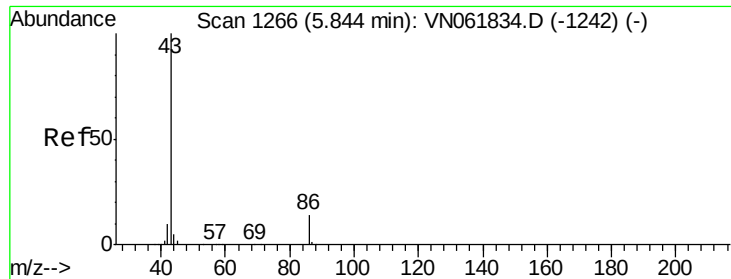
Abundance Ion 45.00 (44.70 to 45.70): VN061917.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061917.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061917.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061917.D (-1191) (-)

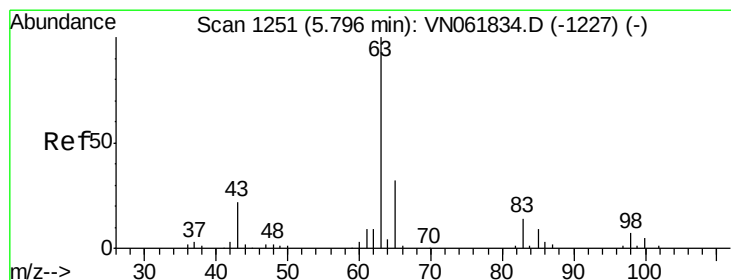
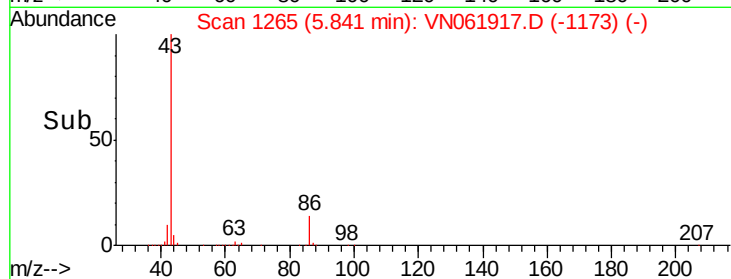
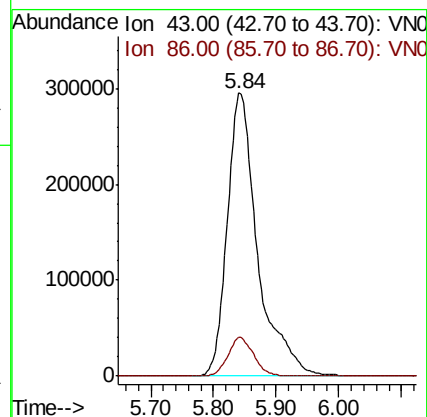
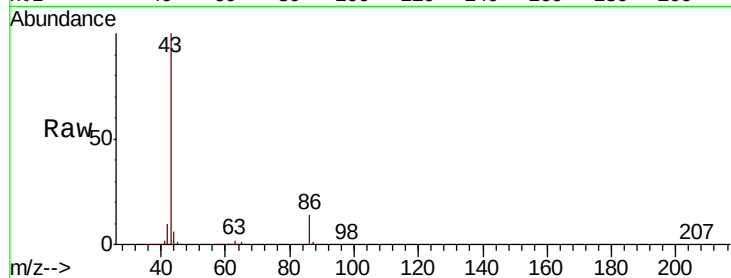




#23
 Vinyl Acetate
 Concen: 264.564 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

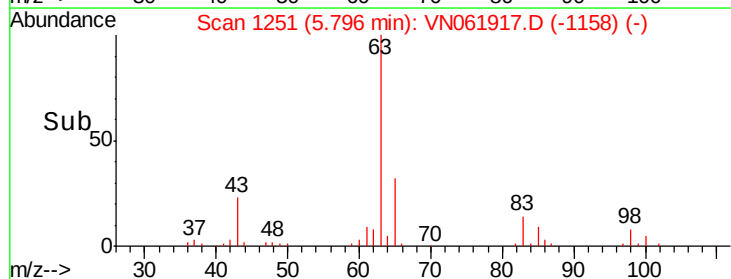
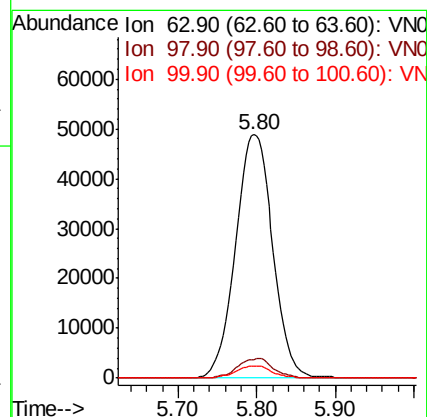
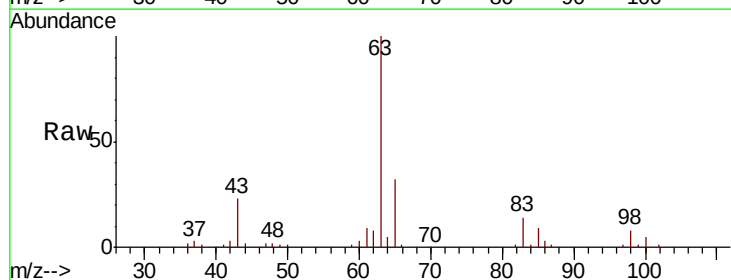
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

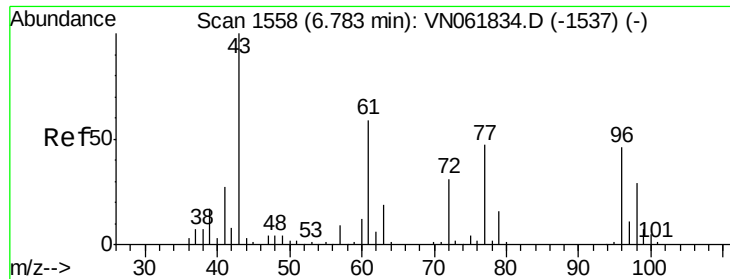
Tot Ion: 43 Resp: 992184
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 51.651 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 63 Resp: 161222
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.0 2.5 7.4

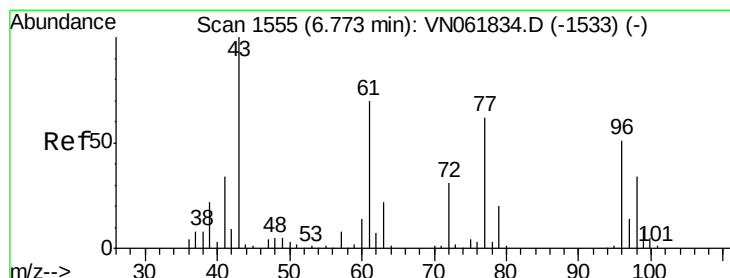
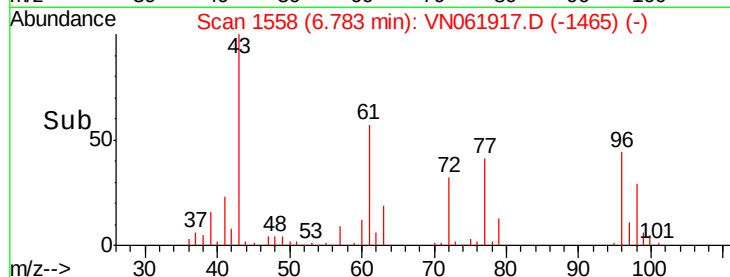
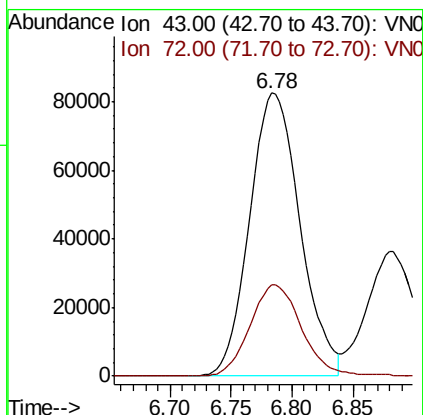
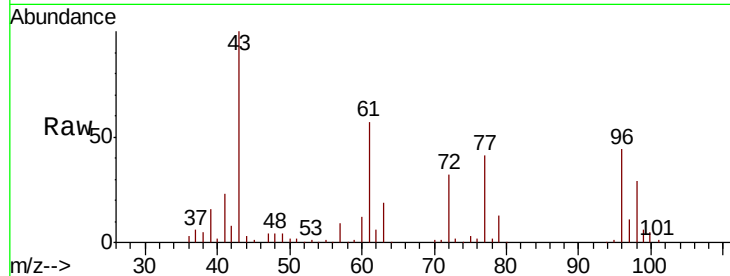




#25
2-Butanone
Concen: 265.428 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

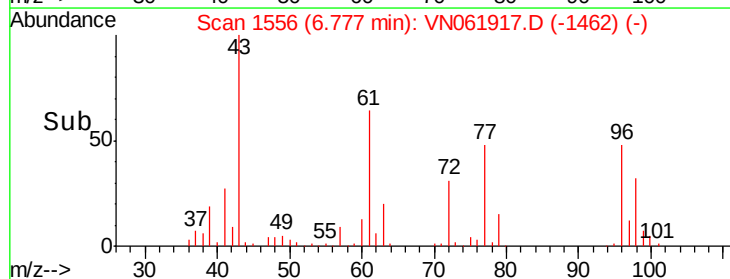
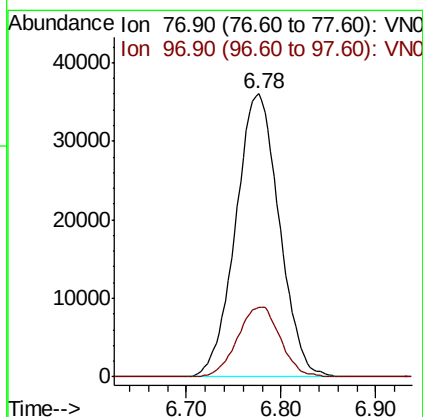
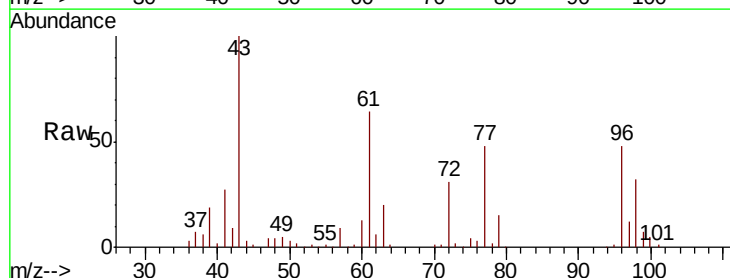
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

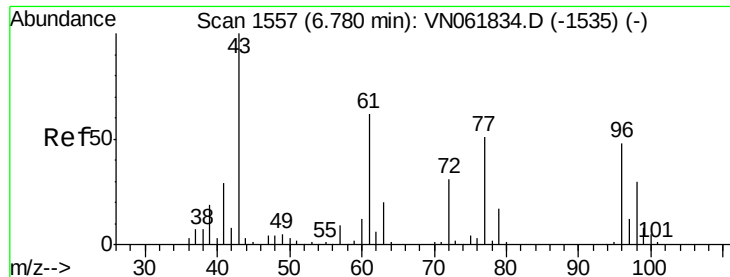
Tot Ion: 43 Resp: 237188
Ion Ratio Lower Upper
43 100
72 32.2 24.6 37.0



#26
2,2-Dichloropropane
Concen: 43.817 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 77 Resp: 115068
Ion Ratio Lower Upper
77 100
97 24.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.466 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

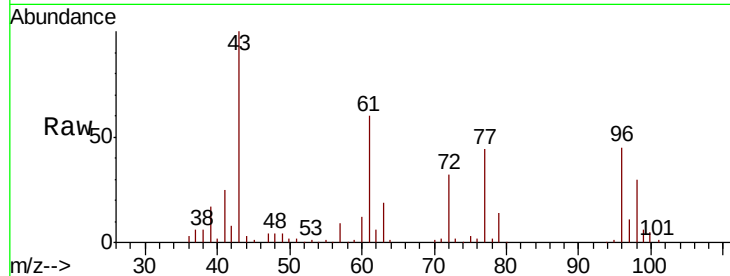
Tot Ion: 96 Resp: 107149

Ion Ratio Lower Upper

96 100

61 132.0 0.0 265.6

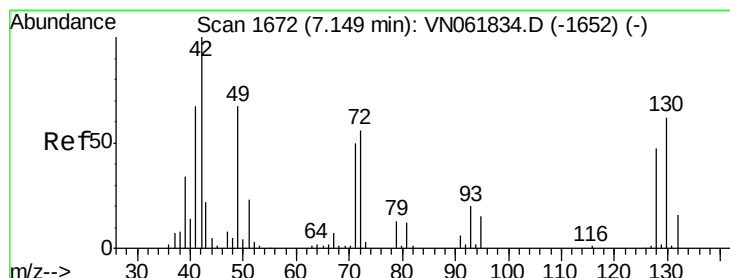
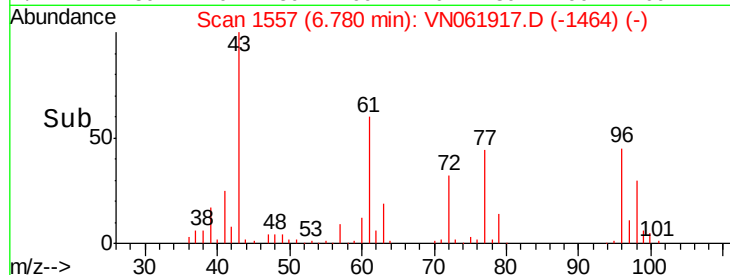
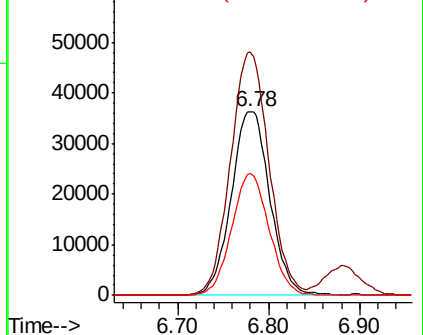
98 64.3 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 51.126 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

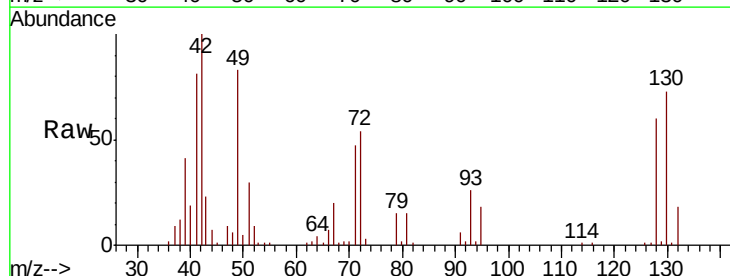
Tgt Ion: 49 Resp: 71055

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

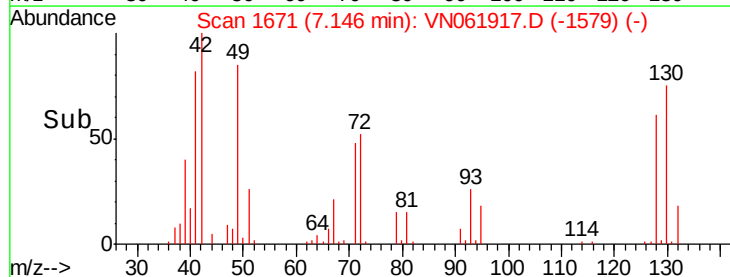
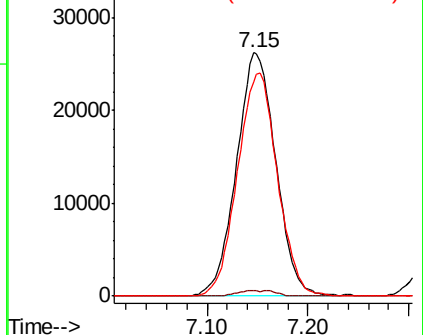
130 92.6 72.2 108.2

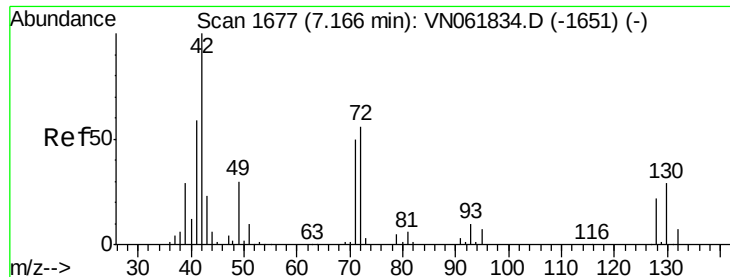


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

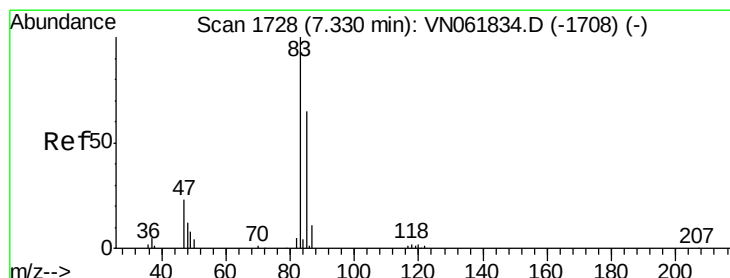
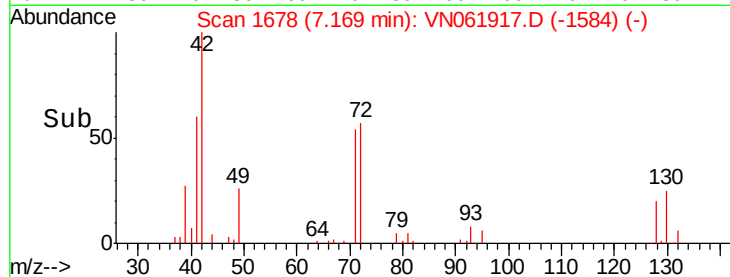
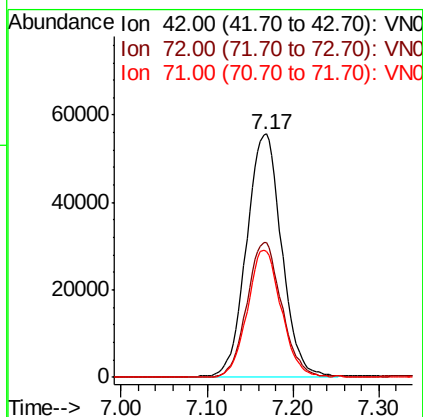
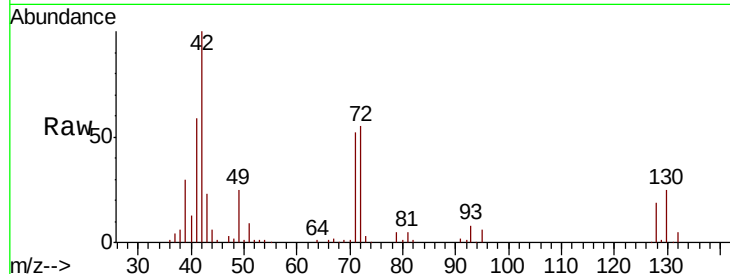




#29
Tetrahydrofuran
Concen: 270.718 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

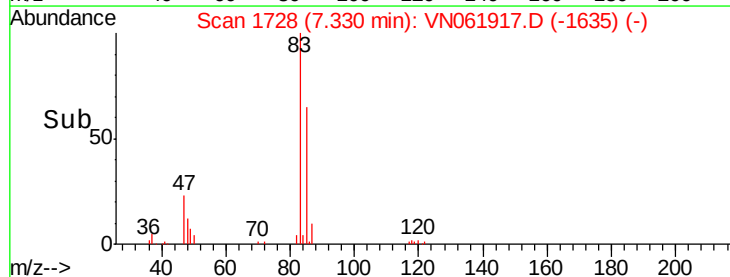
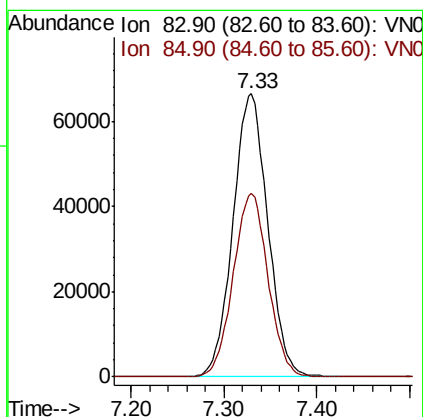
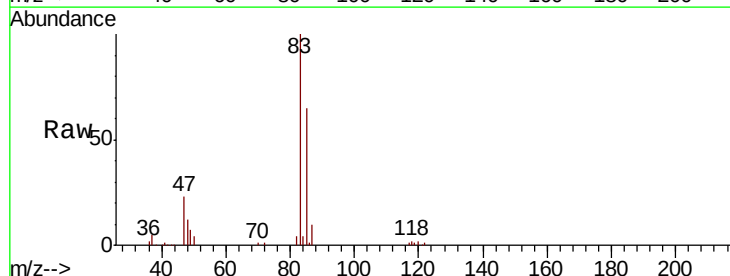
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

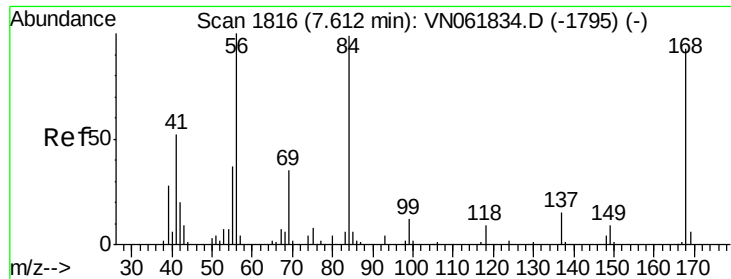
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	44.0	66.0
71	50.2	40.0	60.0



#30
Chloroform
Concen: 51.820 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0

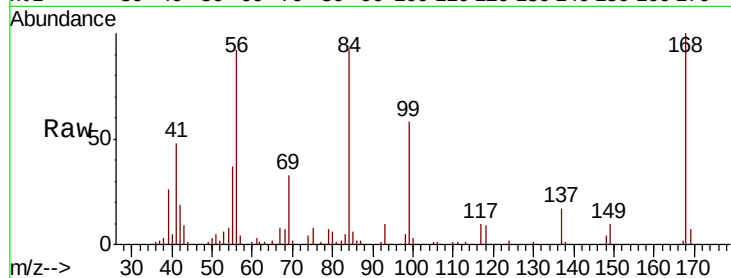




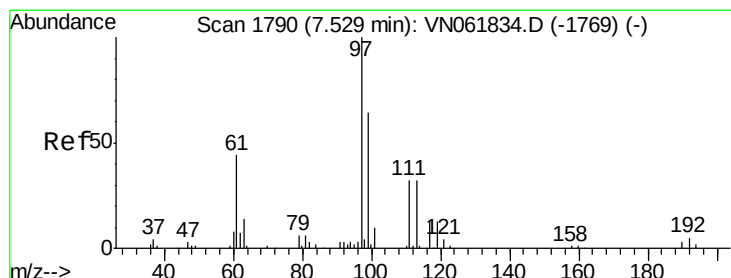
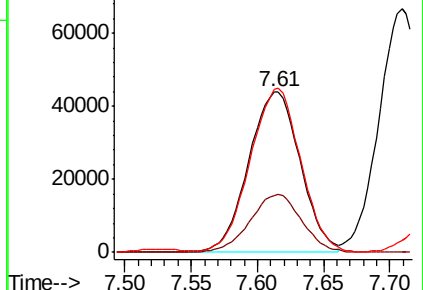
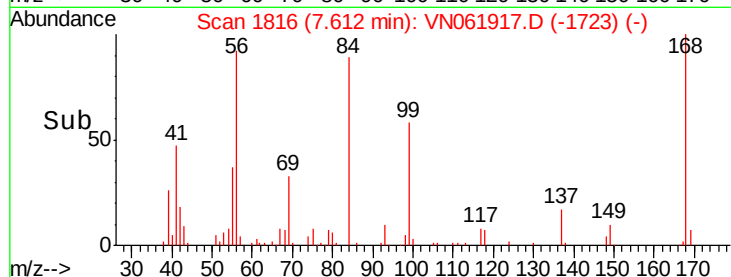
#31
Cyclohexane
Concen: 43.801 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 119685
Ion Ratio Lower Upper
56 100
69 35.6 27.7 41.5
84 100.3 79.1 118.7

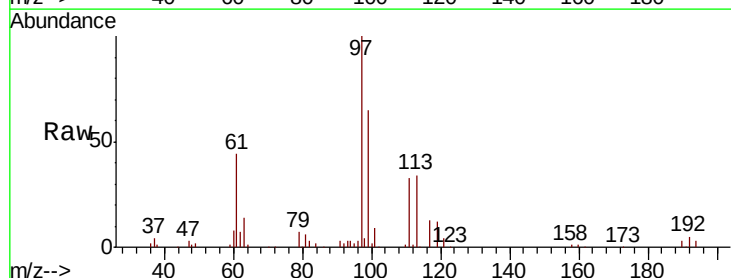


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

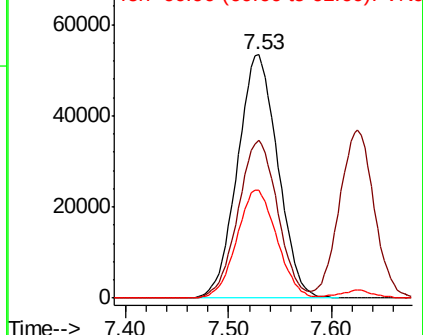
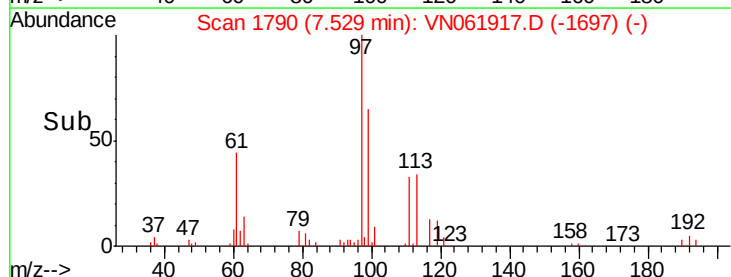


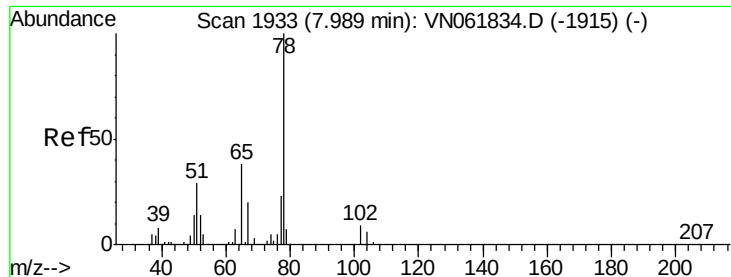
#32
1,1,1-Trichloroethane
Concen: 51.041 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 97 Resp: 145007
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 44.2 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

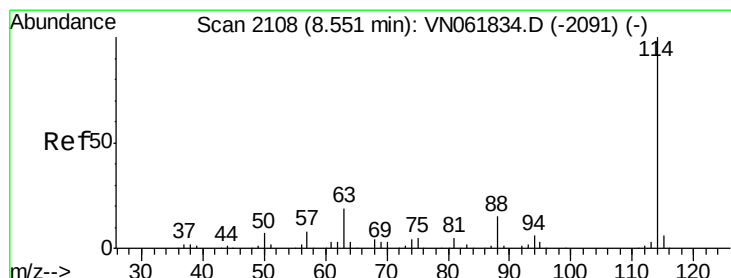
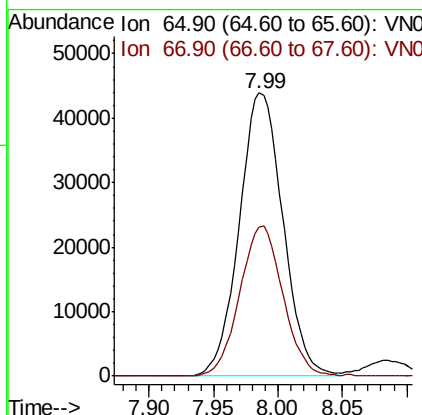
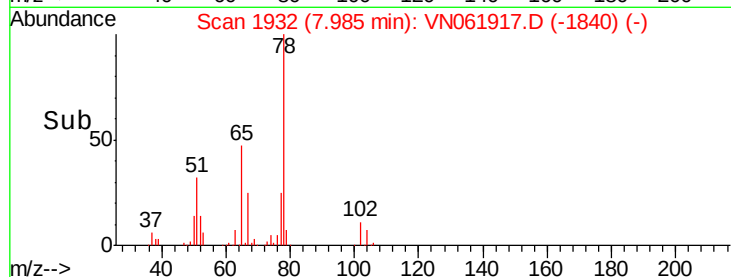
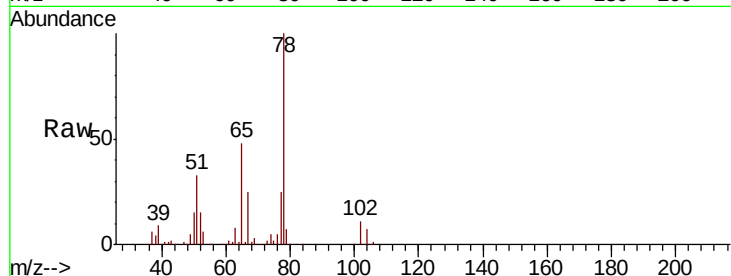




#33
 1,2-Dichloroethane-d4
 Concen: 49.992 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

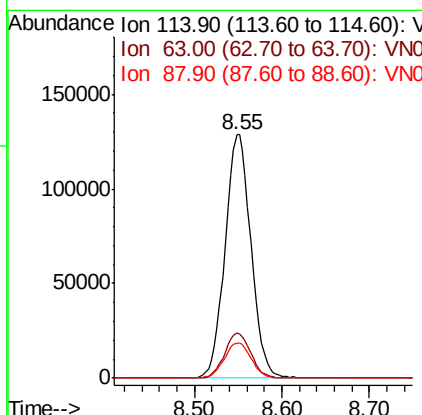
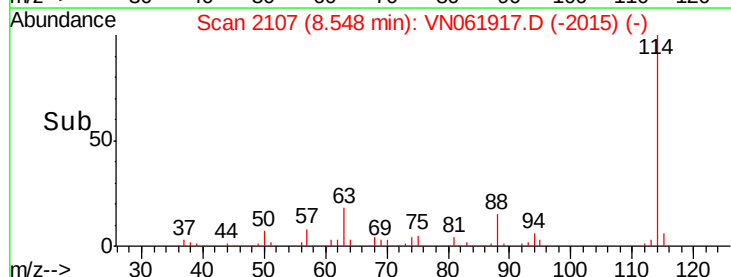
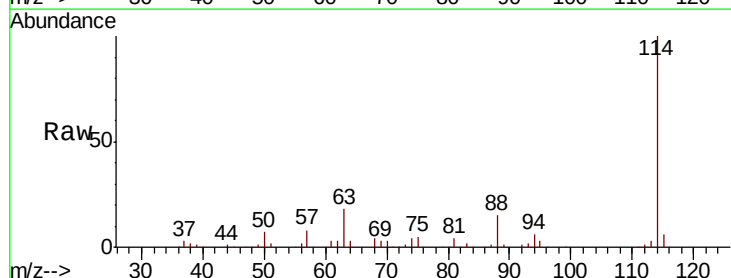
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

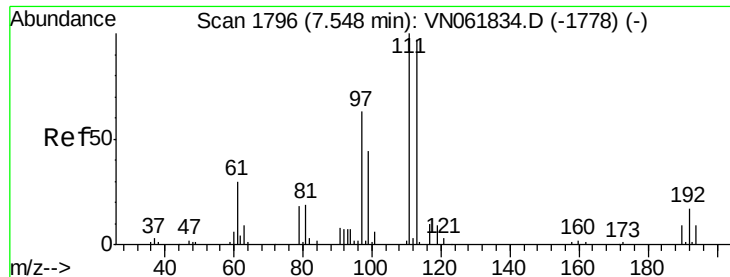
Tot Ion: 65 Resp: 103658
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 114 Resp: 264448
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.6
 88 14.6 0.0 31.0

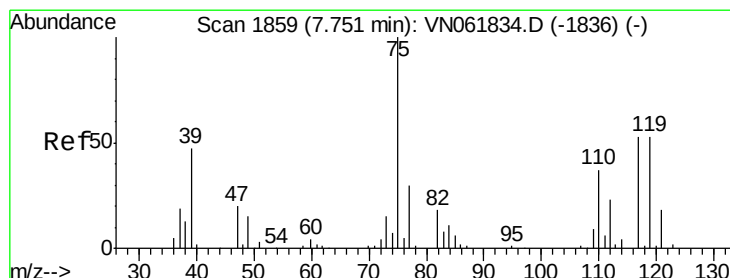
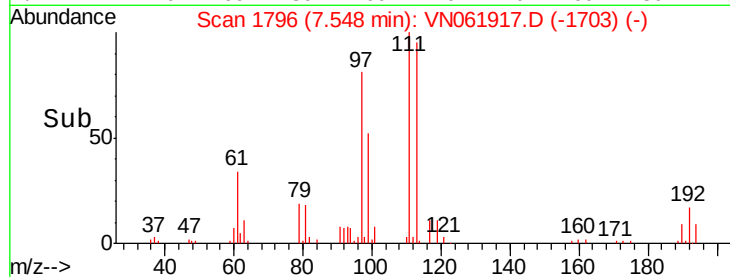
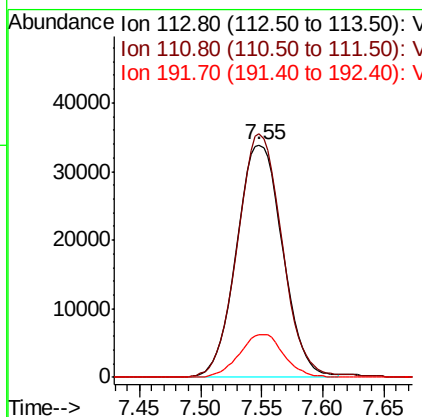
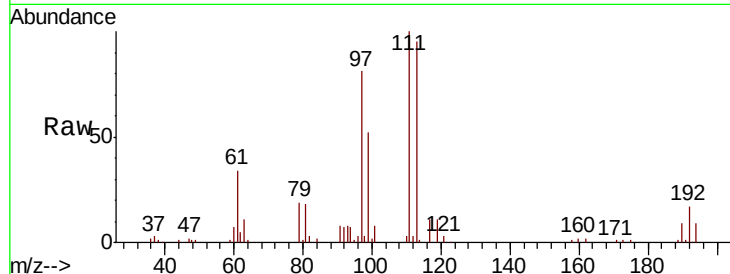




#35
 Dibromofluoromethane
 Concen: 52.303 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

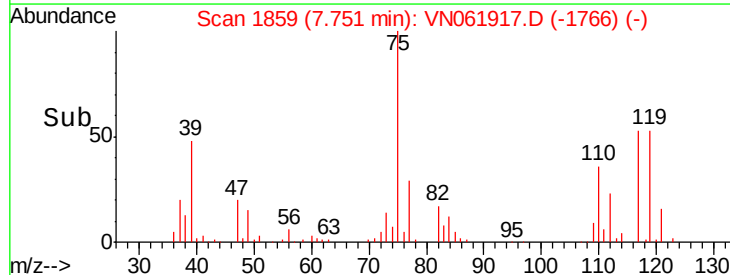
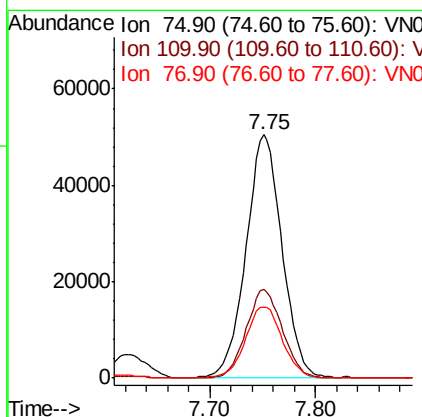
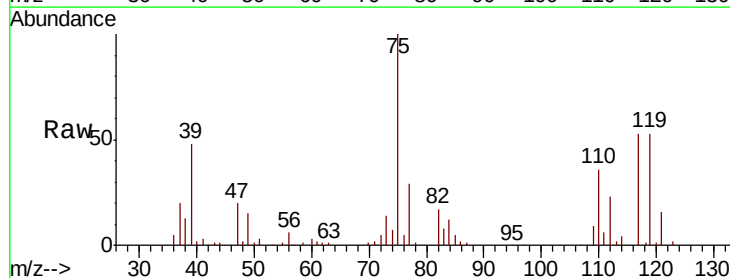
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

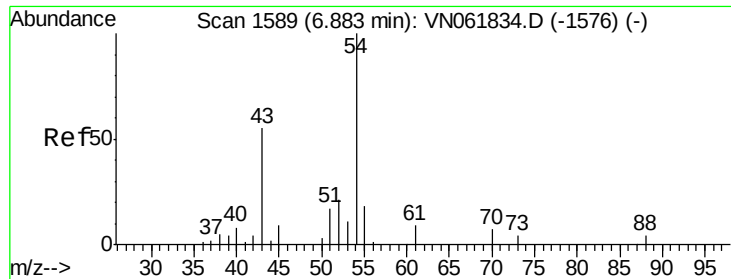
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.7	125.5
192	17.8	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 49.799 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	30.0	24.2	36.4

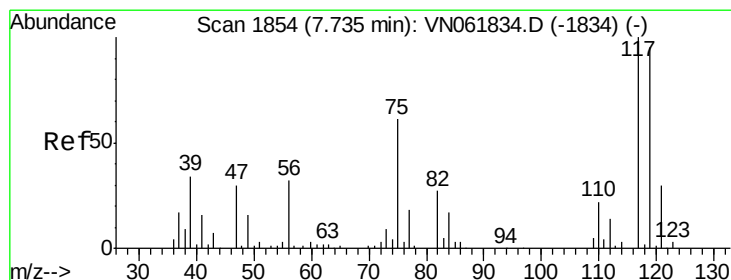
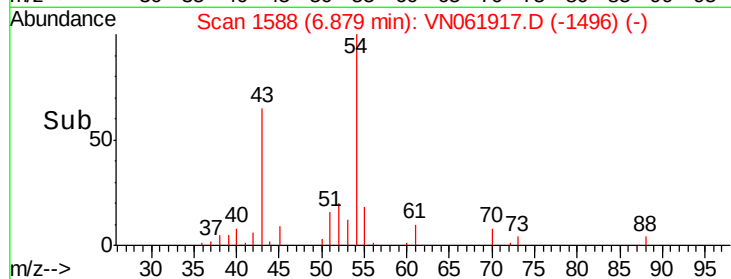
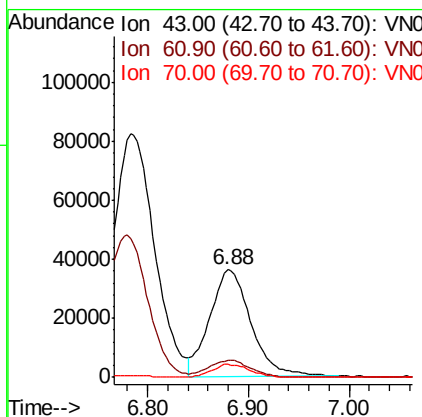
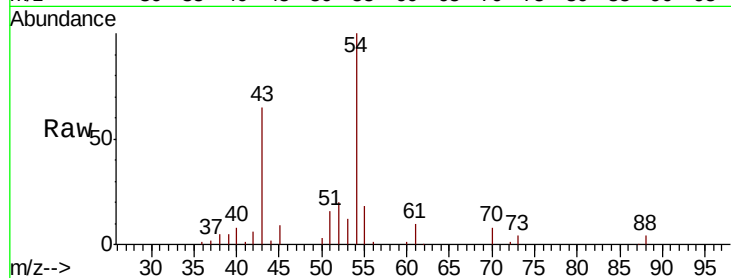




#37
Ethyl Acetate
Concen: 54.584 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

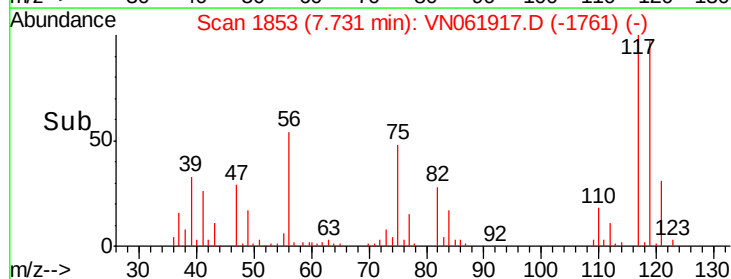
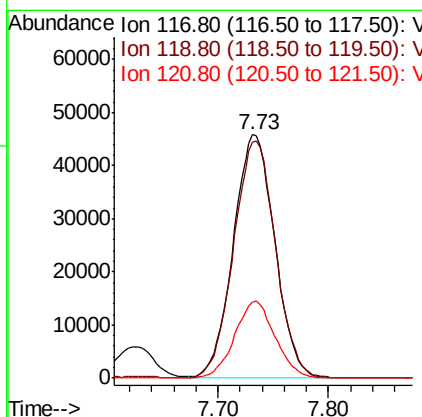
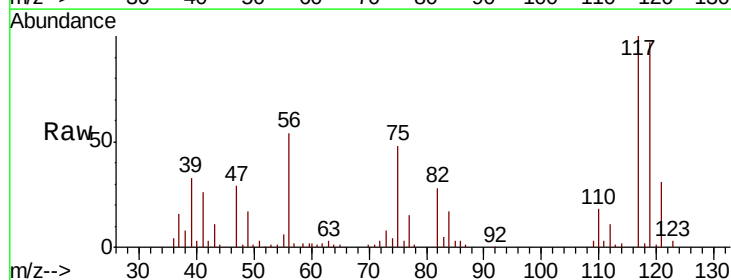
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

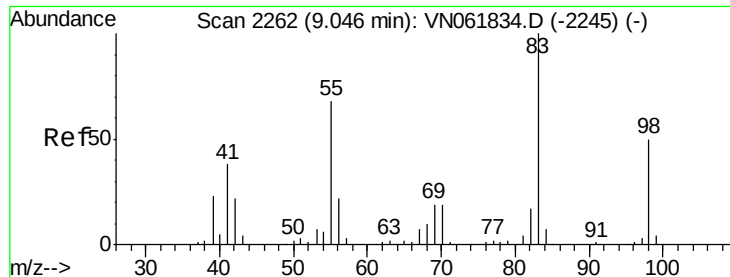
Tot Ion: 43 Resp: 102813
Ion Ratio Lower Upper
43 100
61 16.4 13.0 19.4
70 11.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.102 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 117 Resp: 119675
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
121 31.4 23.8 35.6

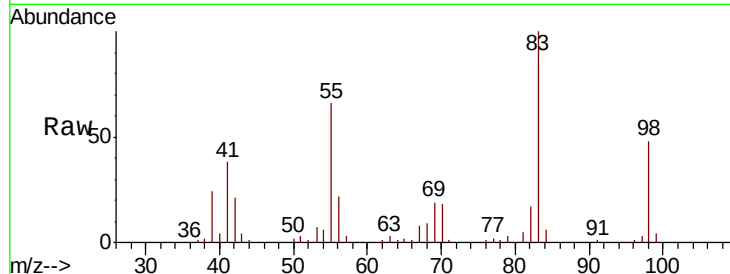




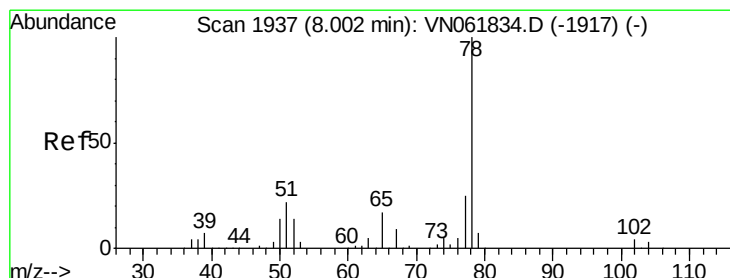
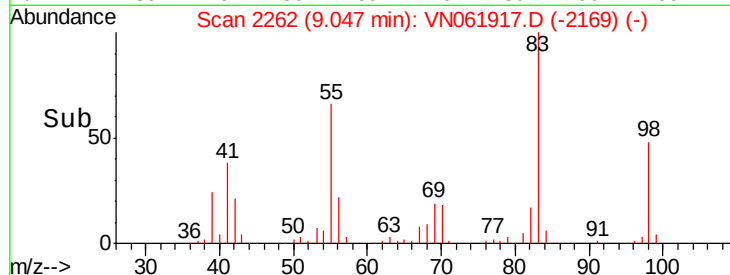
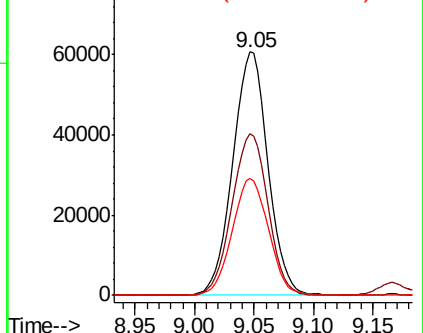
#39
Methylvlcyclohexane
Concen: 48.006 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 124684
Ion Ratio Lower Upper
83 100
55 66.3 54.2 81.4
98 48.2 39.8 59.6

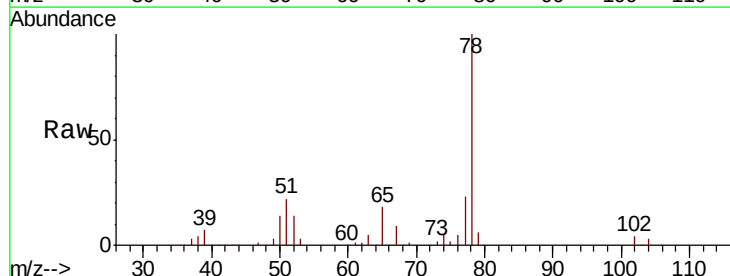


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

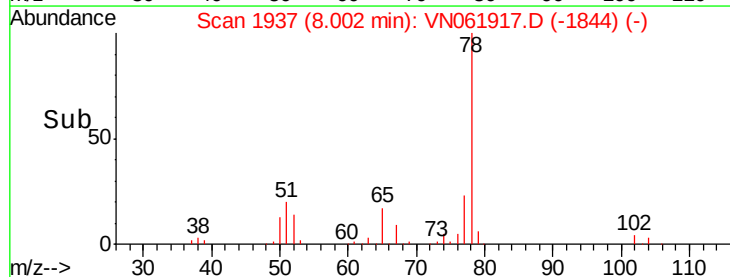
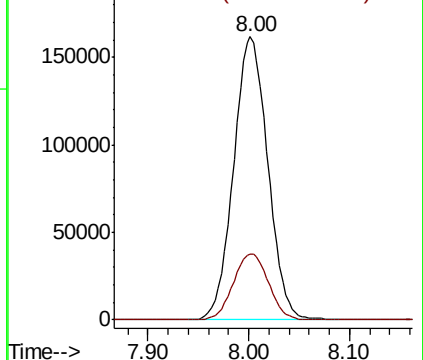


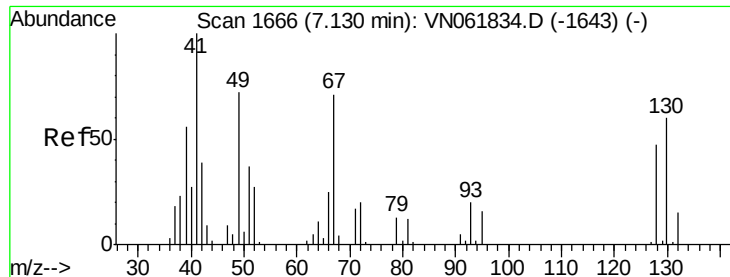
#40
Benzene
Concen: 52.028 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 78 Resp: 380151
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5



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

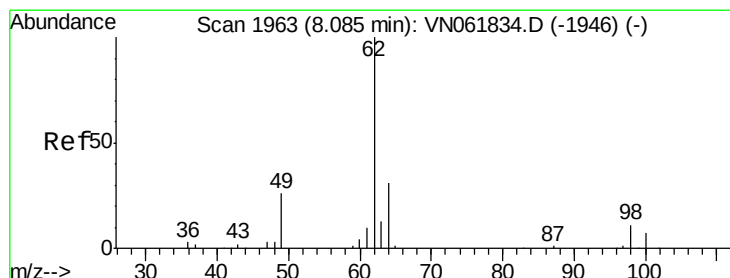
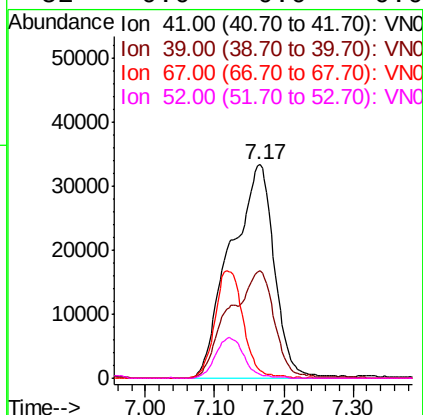
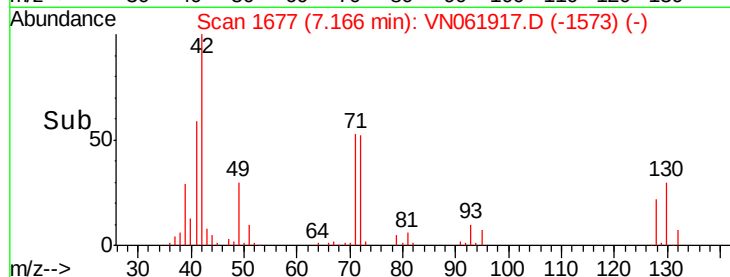
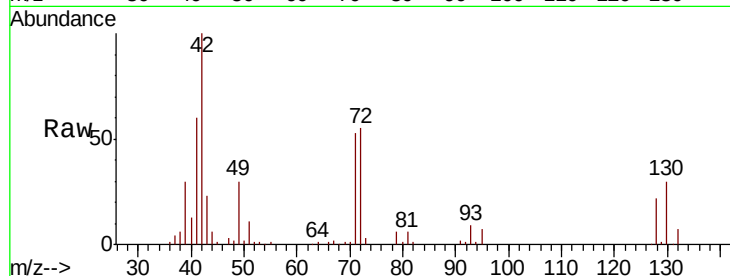




#41
Methacrylonitrile
Concen: 181.878 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

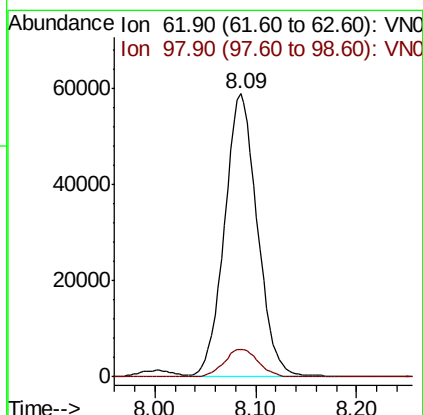
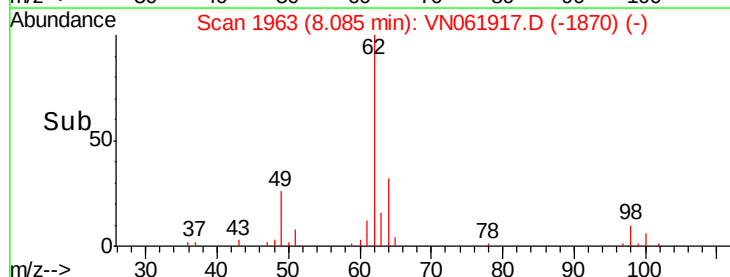
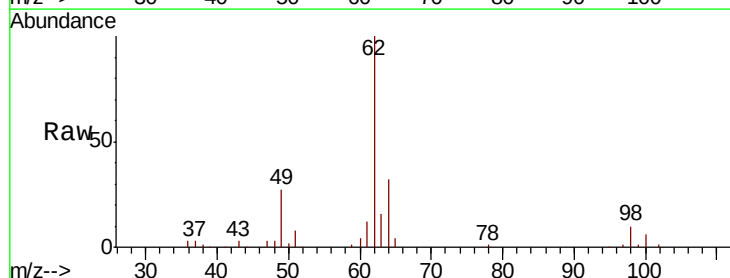
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

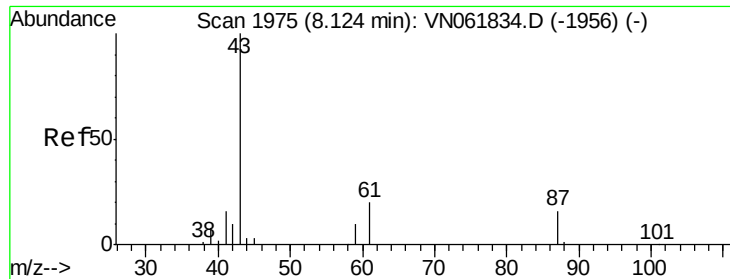
Tot Ion:	41	Resp:	146493
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.263 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:	62	Resp:	132697
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 54.081 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

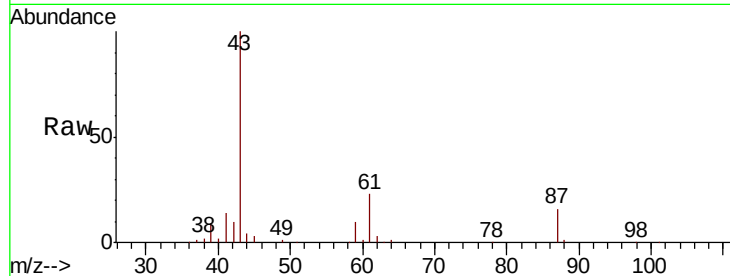
Tot Ion: 43 Resp: 171670

Ion Ratio Lower Upper

43 100

61 23.0 24.0 36.0#

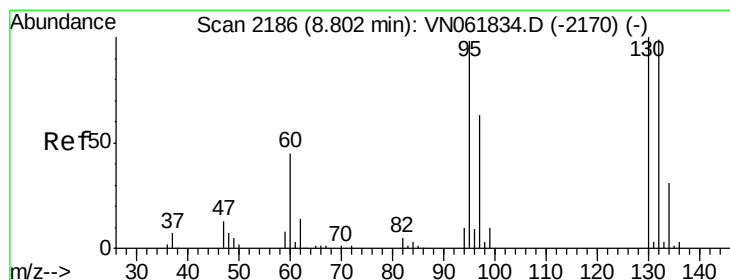
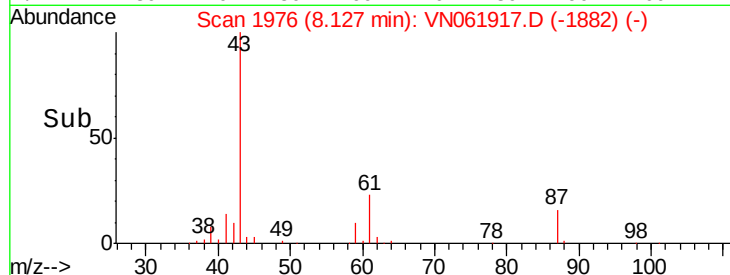
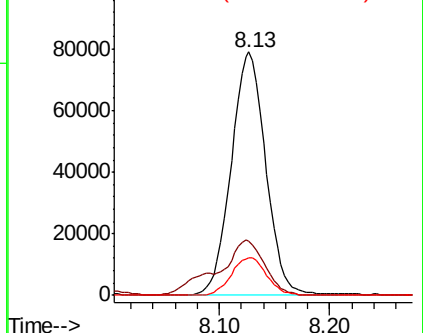
87 15.8 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 50.529 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061917.D

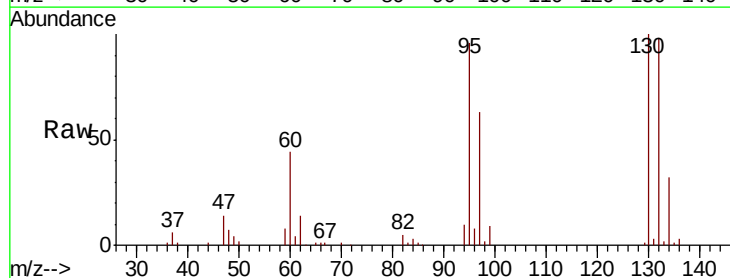
Acq: 18 Jun 2020 22:52

Tgt Ion:130 Resp: 97163

Ion Ratio Lower Upper

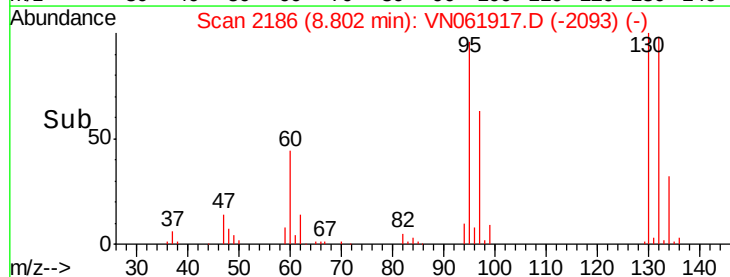
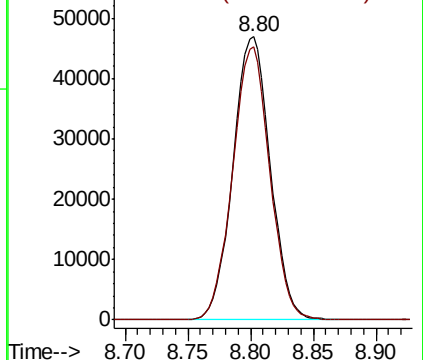
130 100

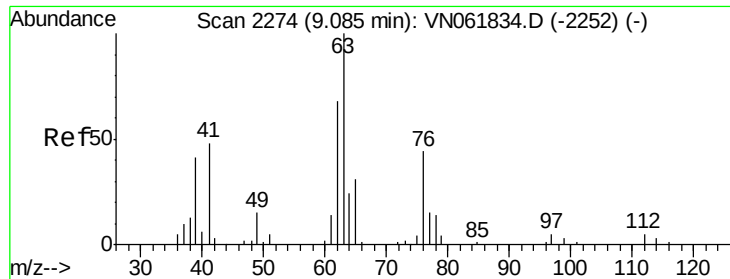
95 96.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

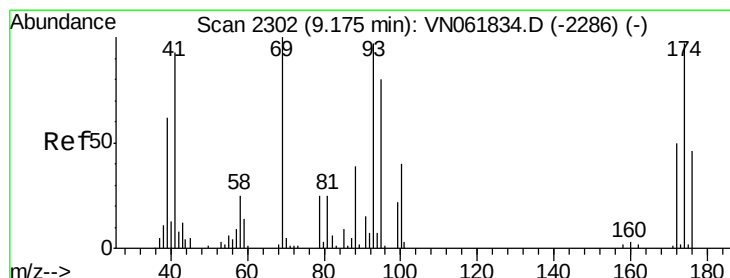
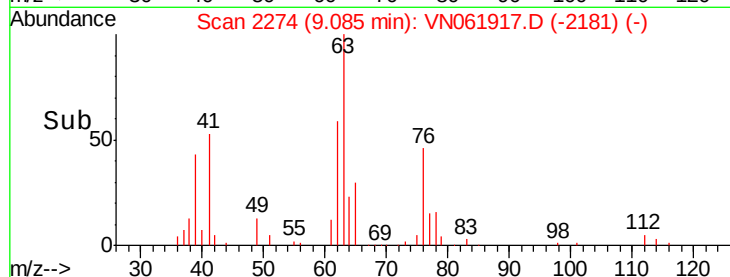
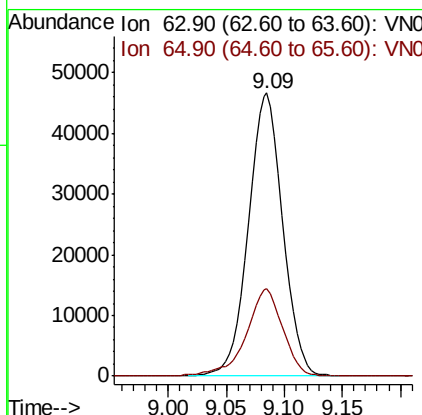
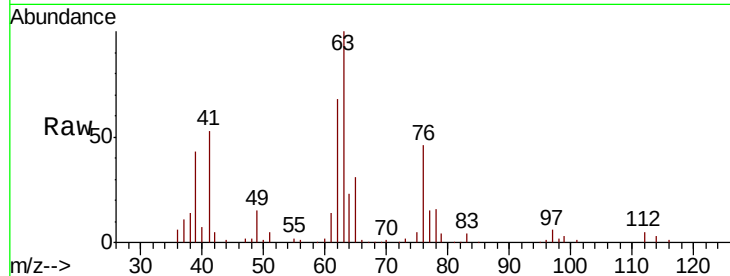




#45
 1,2-Dichloropropane
 Concen: 53.523 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

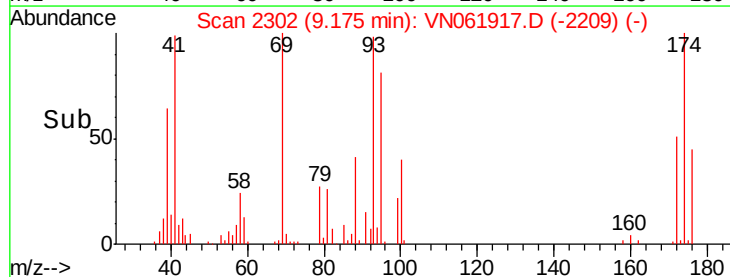
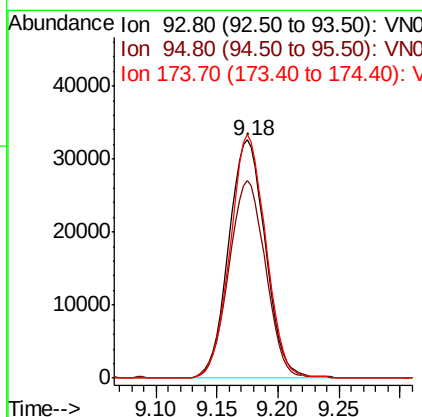
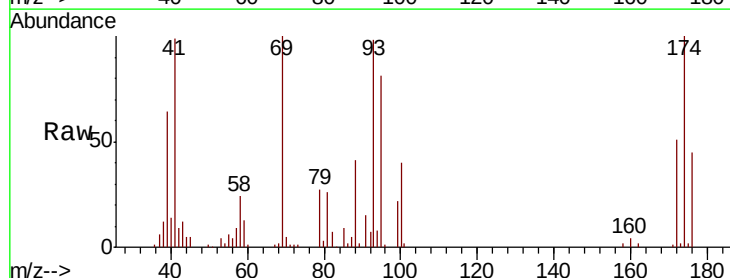
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

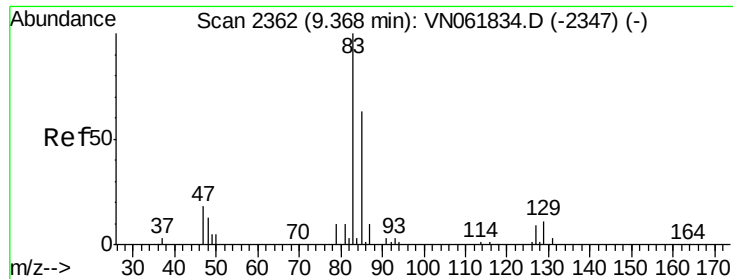
Tot Ion: 63 Resp: 96107
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 53.915 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 93 Resp: 68173
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.6
 174 99.2 78.5 117.7

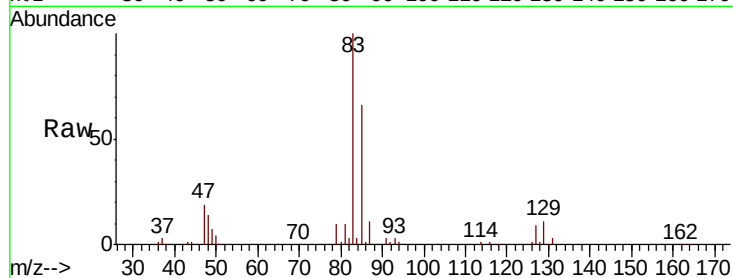




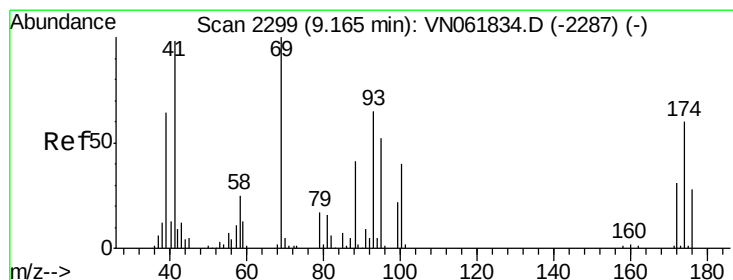
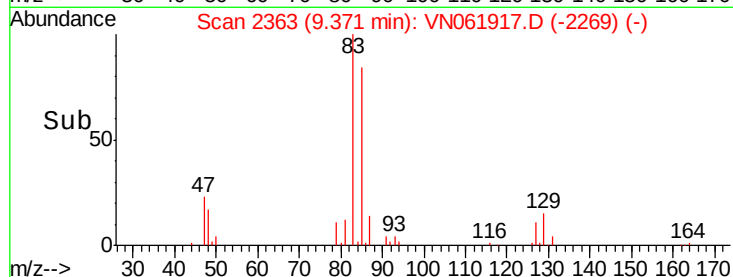
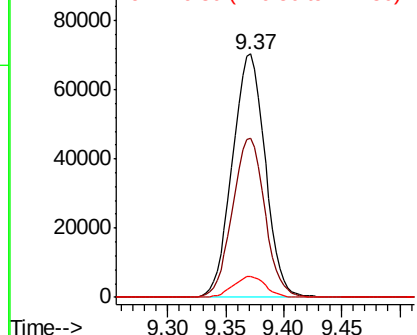
#47
Bromodichloromethane
Concen: 53.327 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 138072
Ion Ratio Lower Upper
83 100
85 65.5 50.8 76.2
127 8.6 7.0 10.4

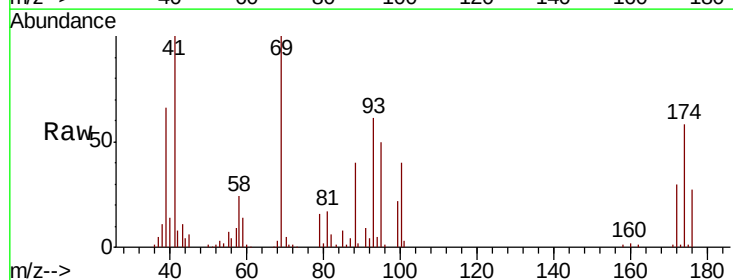


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

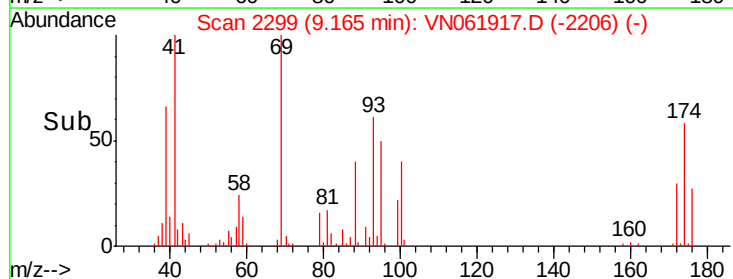
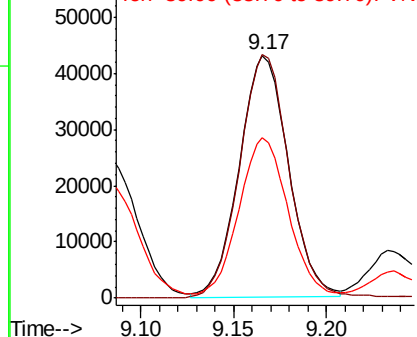


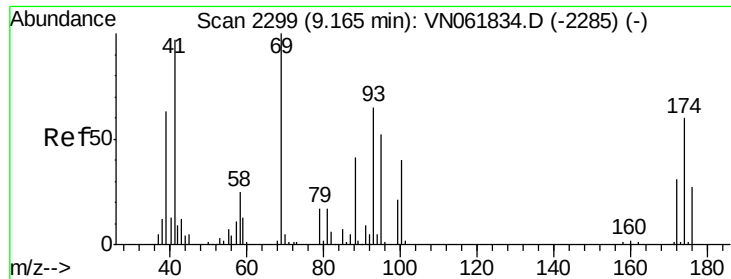
#48
Methyl methacrylate
Concen: 55.244 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 41 Resp: 79747
Ion Ratio Lower Upper
41 100
69 101.3 83.0 124.4
39 67.2 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1081.674 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

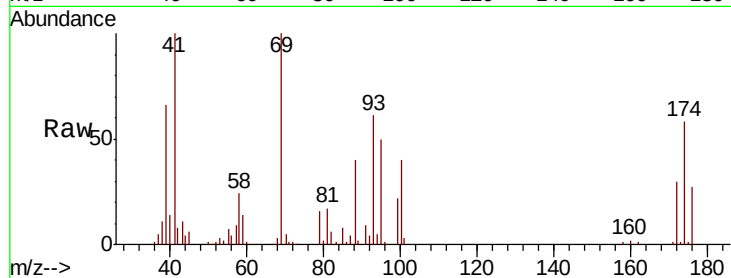
Tot Ion: 88 Resp: 35849

Ion Ratio Lower Upper

88 100

43 27.2 23.4 35.2

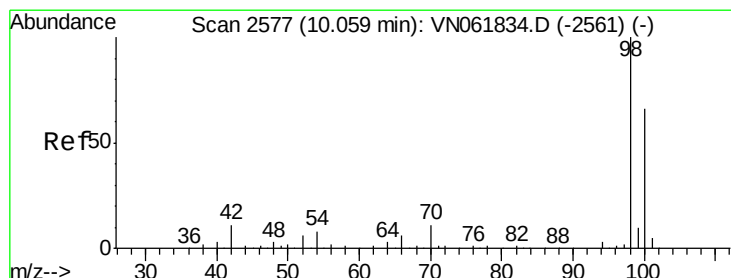
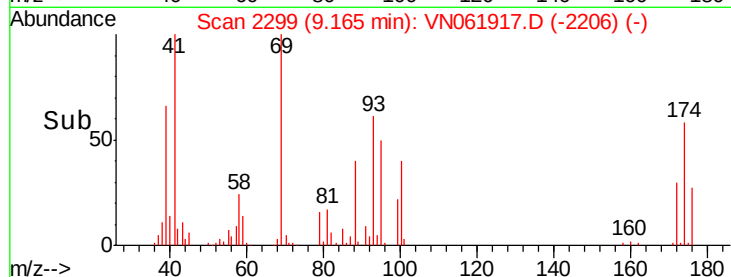
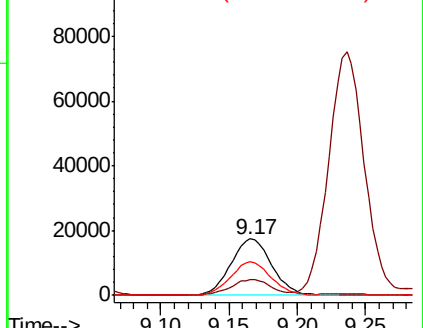
58 59.3 49.8 74.6



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

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

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



#50

Toluene-d8

Concen: 50.248 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061917.D

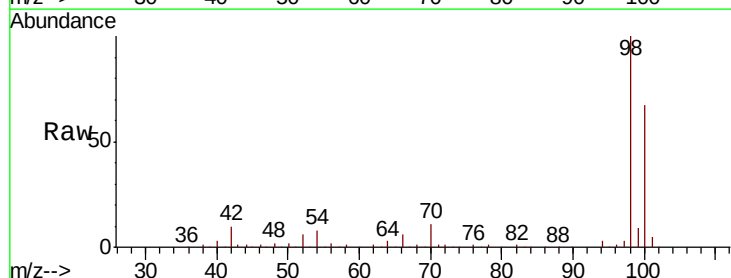
Acq: 18 Jun 2020 22:52

Tgt Ion: 98 Resp: 334210

Ion Ratio Lower Upper

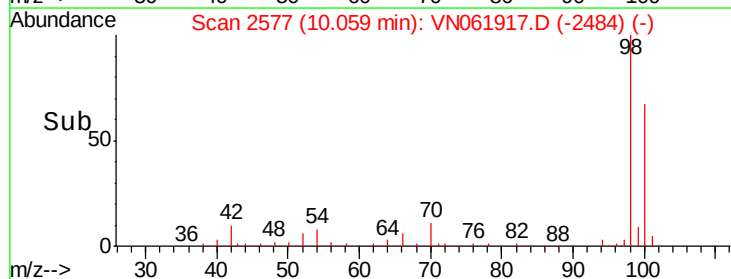
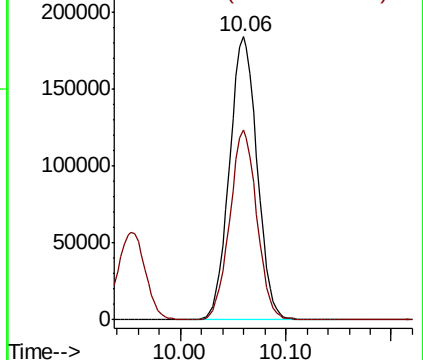
98 100

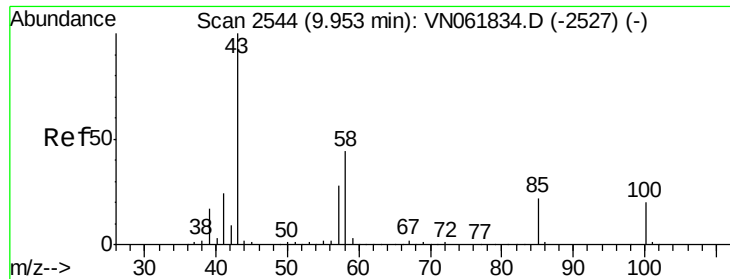
100 65.8 52.7 79.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 278.979 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

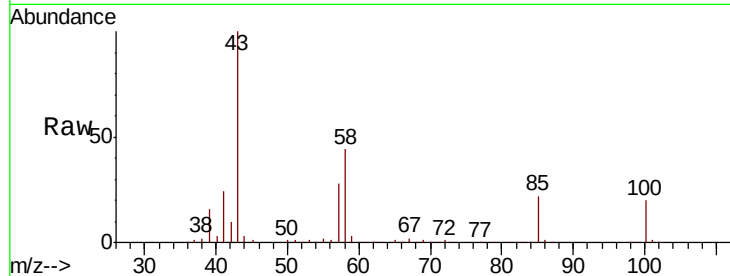
VSTDCCC050

Tot Ion: 43 Resp: 523308

Ion Ratio Lower Upper

43 100

58 43.8 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

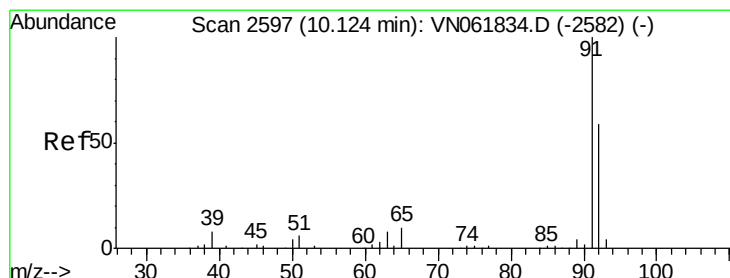
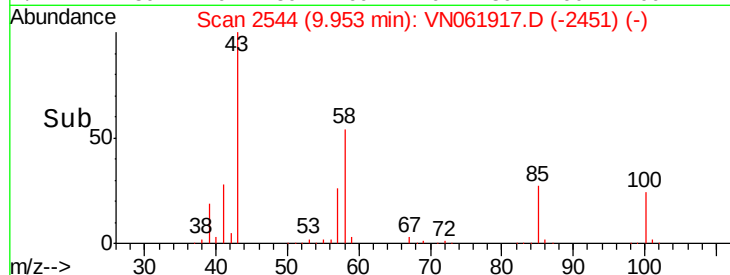
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.343 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061917.D

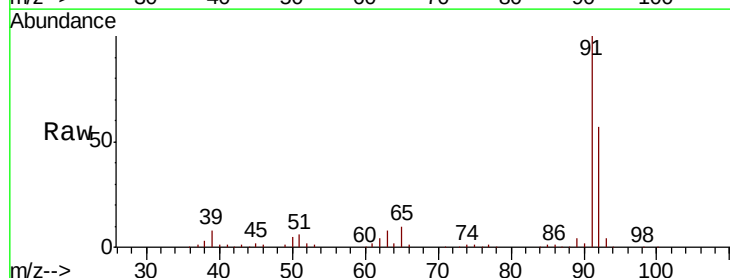
Acq: 18 Jun 2020 22:52

Tgt Ion: 92 Resp: 244782

Ion Ratio Lower Upper

92 100

91 172.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

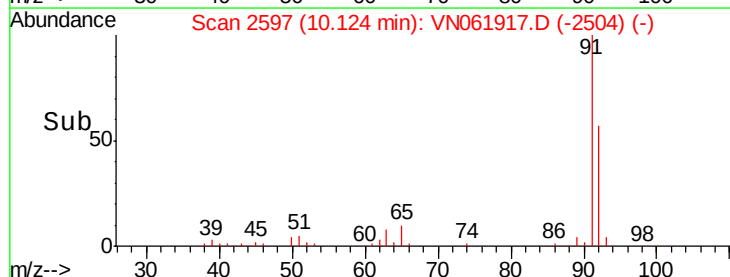
150000

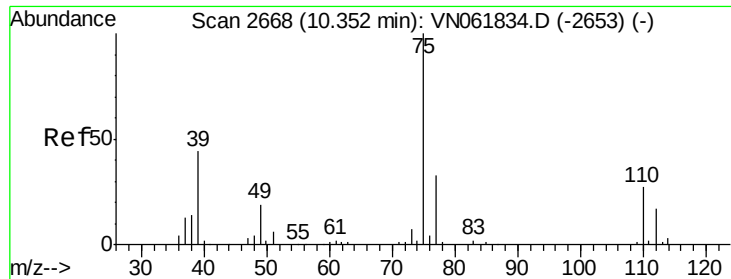
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.323 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

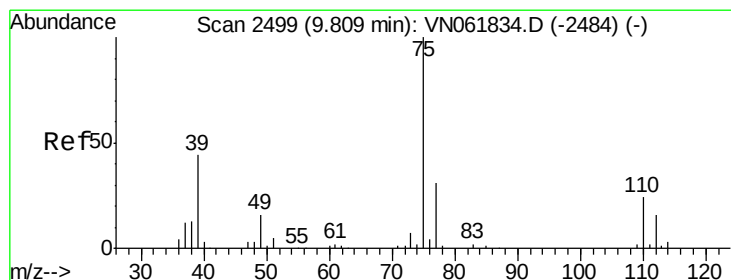
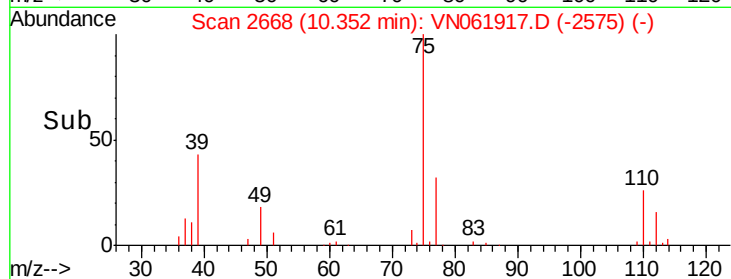
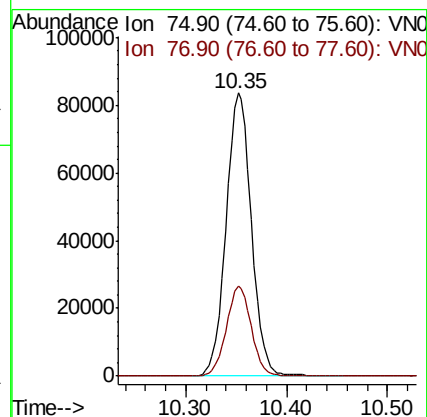
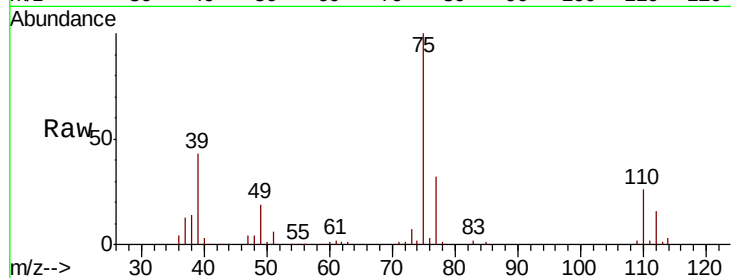
VSTDCCC050

Tot Ion: 75 Resp: 146564

Ion Ratio Lower Upper

75 100

77 31.8 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 52.739 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

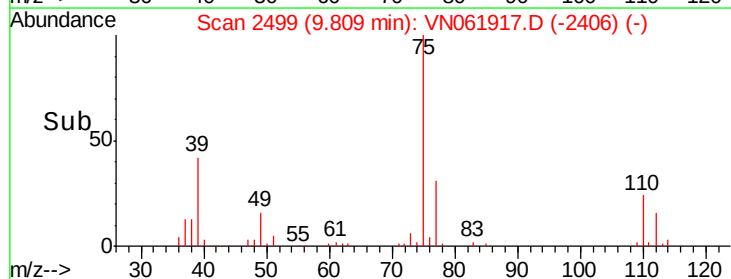
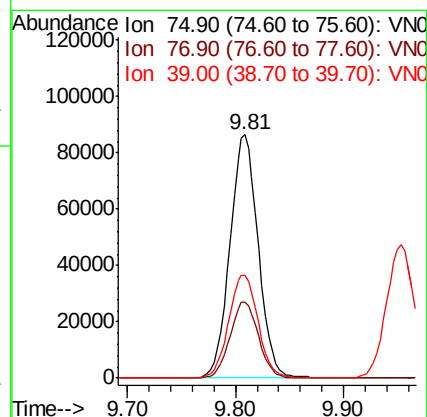
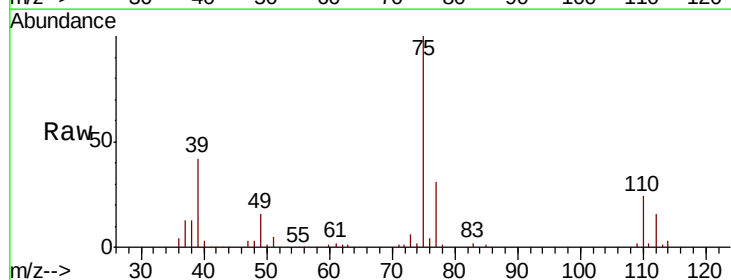
Tgt Ion: 75 Resp: 157448

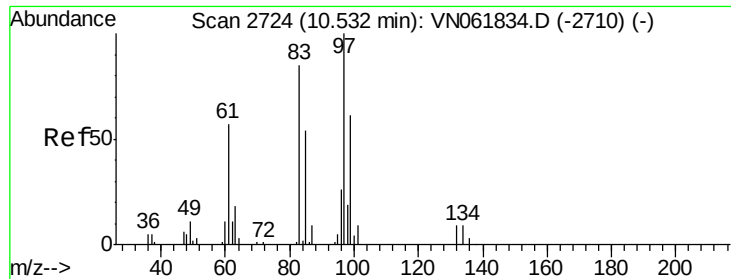
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 42.3 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 55.375 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 99977

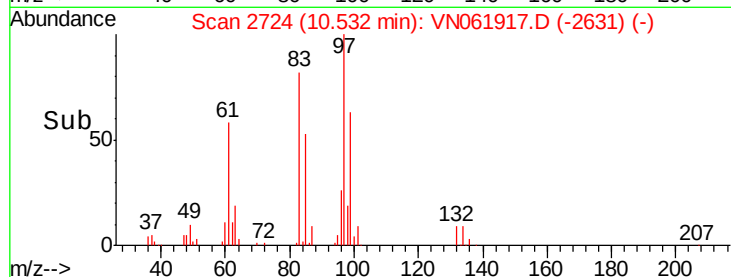
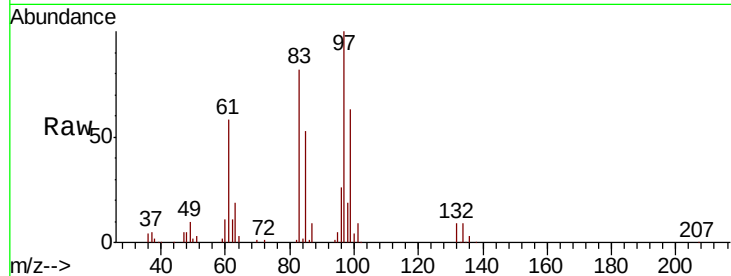
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.7	101.5
85	52.5	43.4	65.0
99	63.3	48.8	73.2

97 100

83 82.3 67.7 101.5

85 52.5 43.4 65.0

99 63.3 48.8 73.2



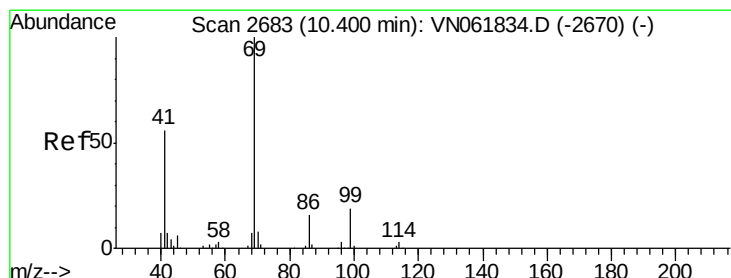
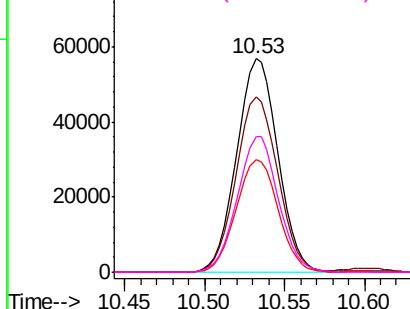
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.753 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

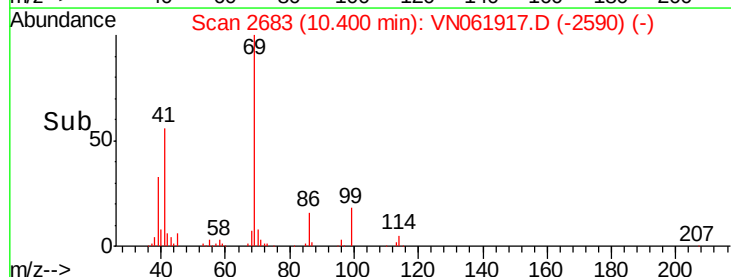
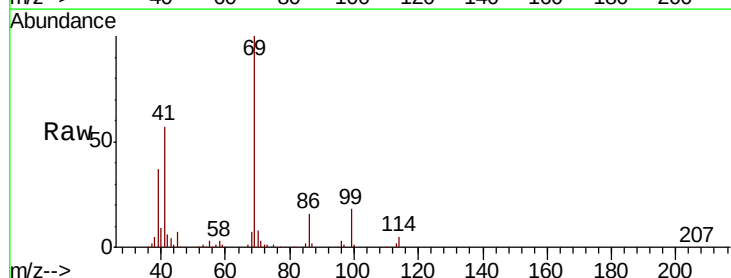
Tgt Ion: 69 Resp: 137168

Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.9	67.3
39	37.5	30.0	45.0

69 100

41 56.0 44.9 67.3

39 37.5 30.0 45.0

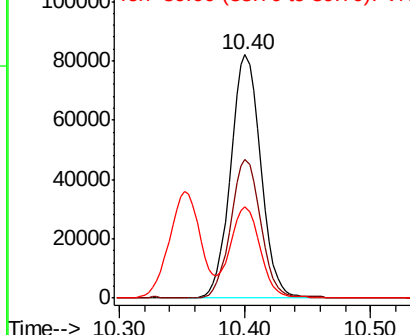


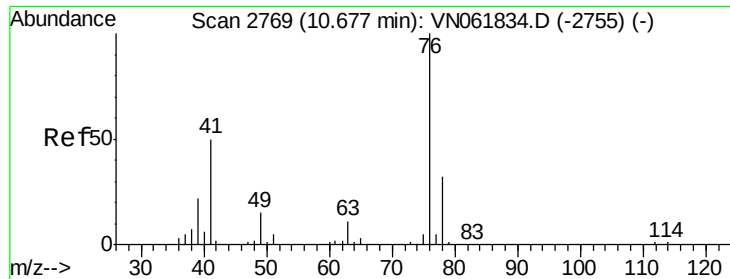
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

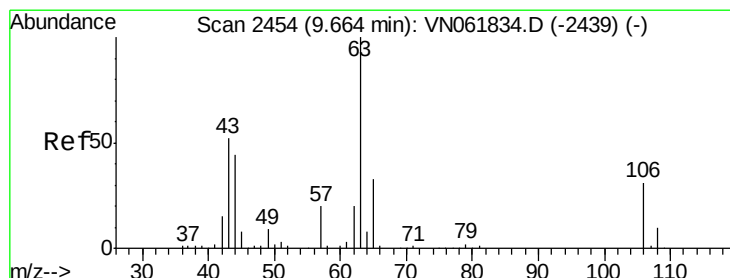
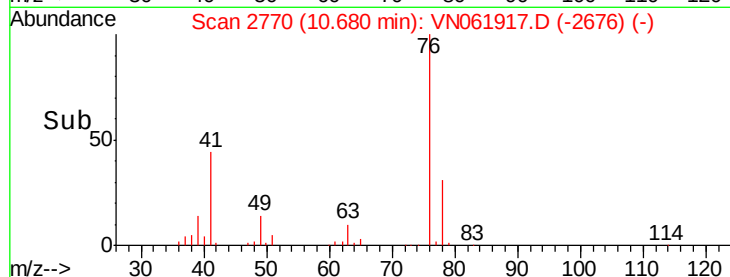
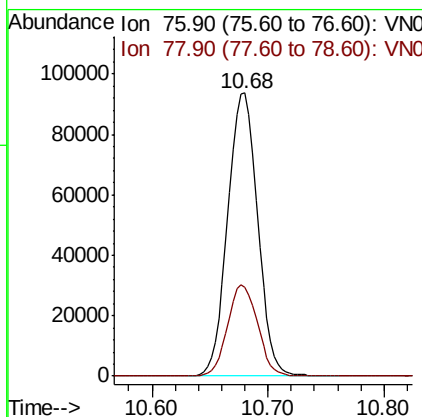
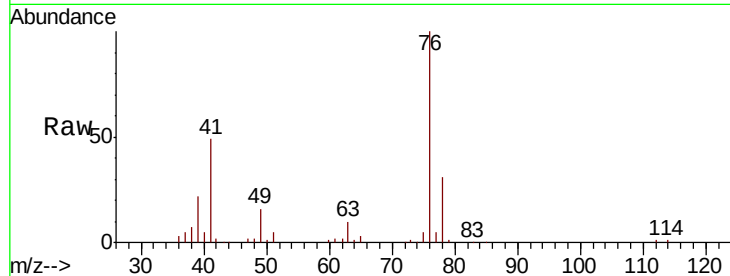




#57
 1,3-Dichloropropane
 Concen: 54.690 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

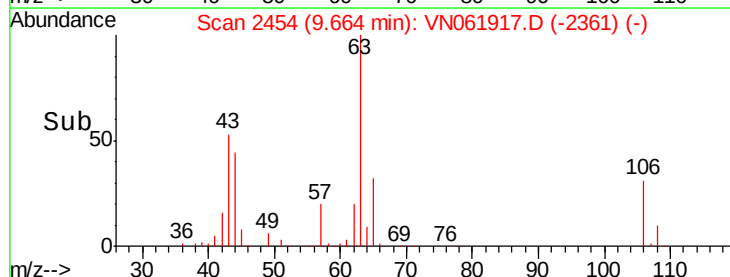
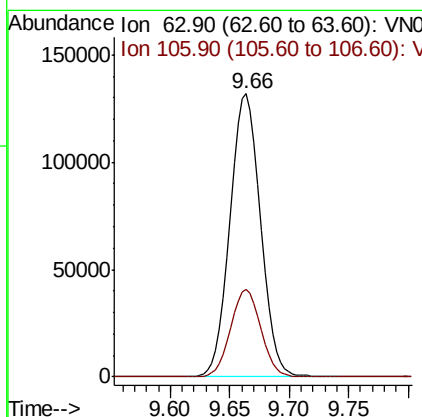
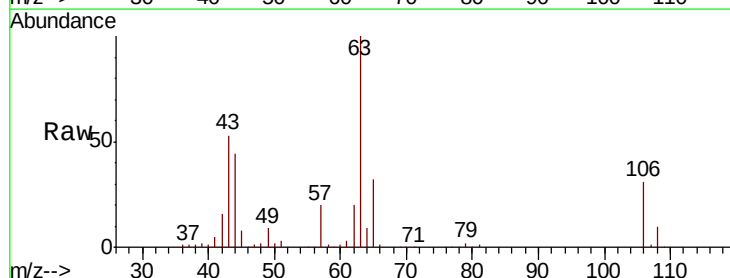
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

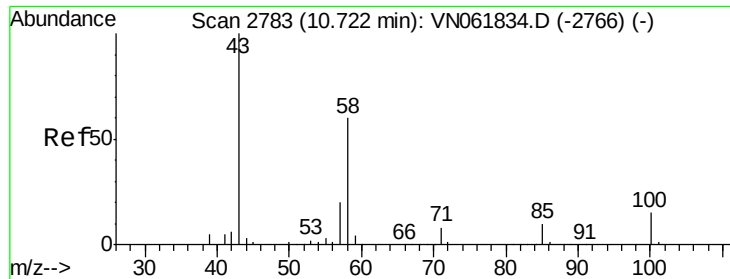
Tot Ion: 76 Resp: 167280
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.081 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 63 Resp: 235434
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.6 36.8

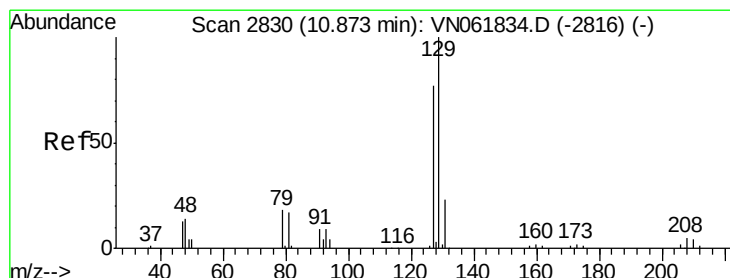
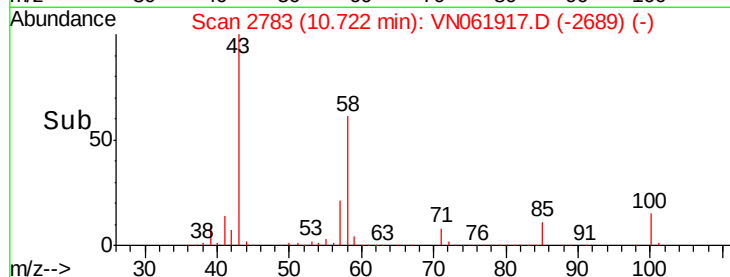
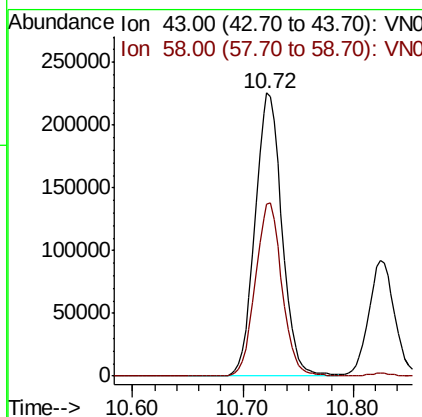
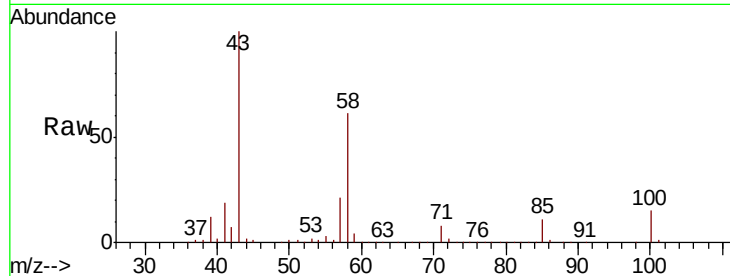




#59
2-Hexanone
Concen: 254.057 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

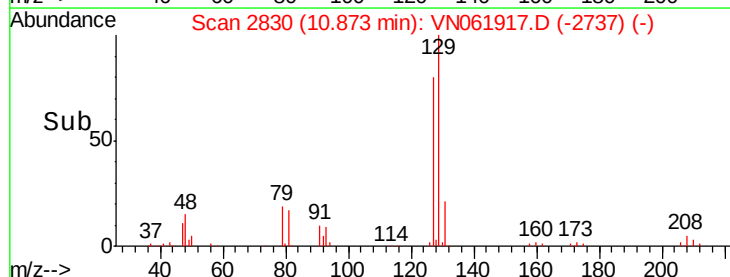
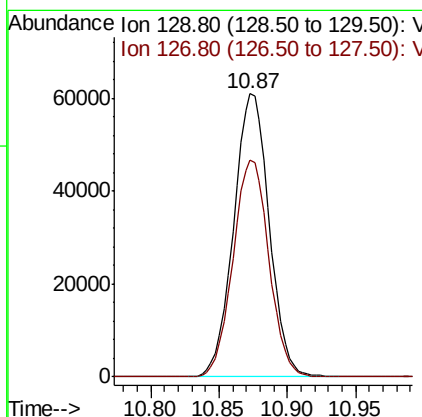
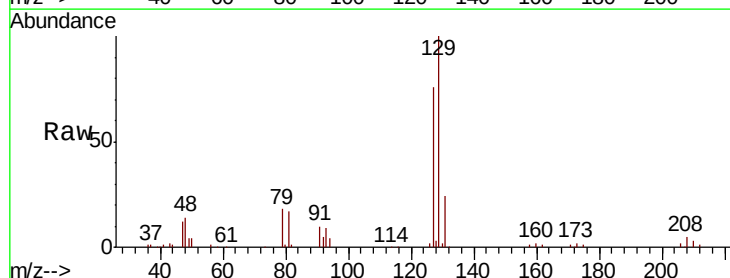
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

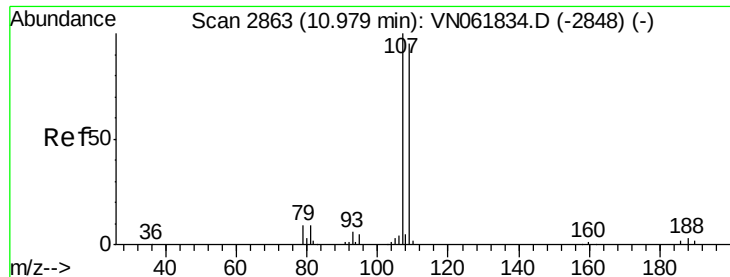
Tot Ion: 43 Resp: 381073
Ion Ratio Lower Upper
43 100
58 60.8 30.1 90.5



#60
Dibromochloromethane
Concen: 54.642 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 129 Resp: 110083
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

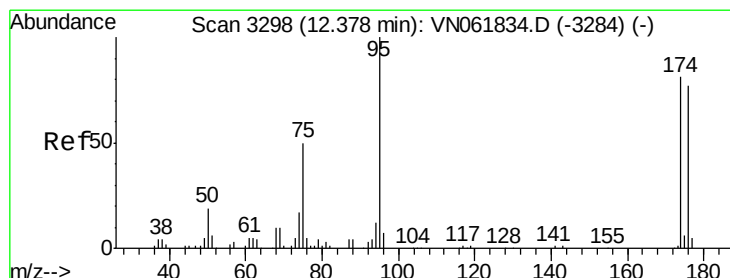
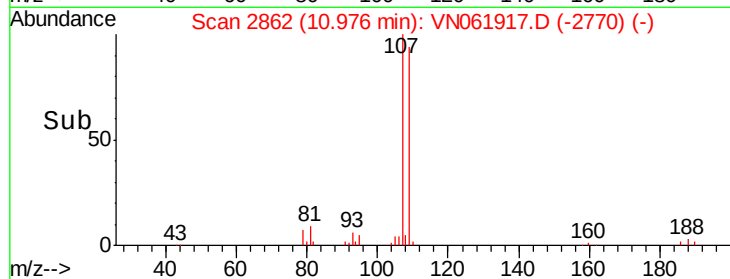
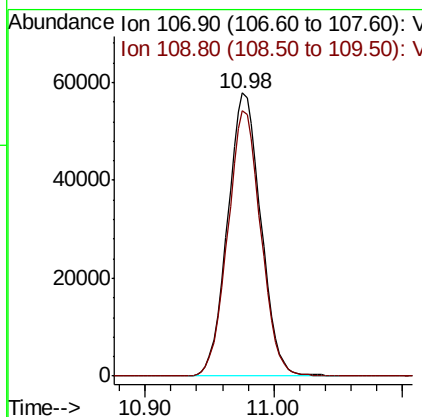
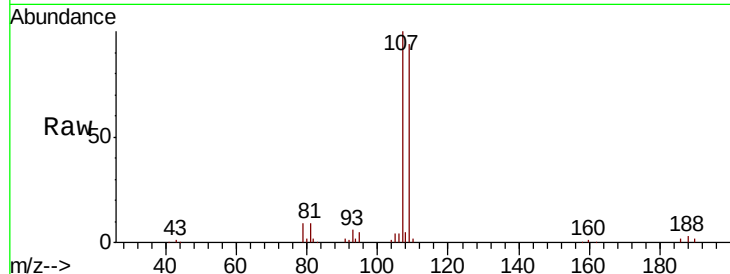




#61
 1,2-Dibromoethane
 Concen: 54.939 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

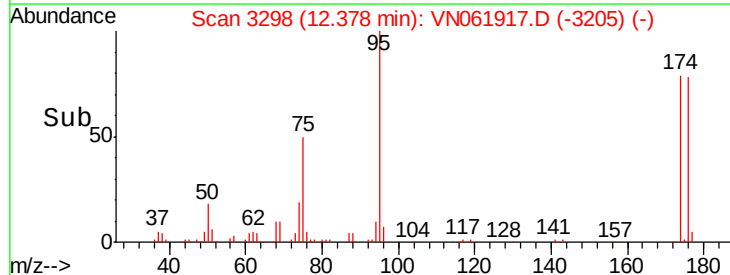
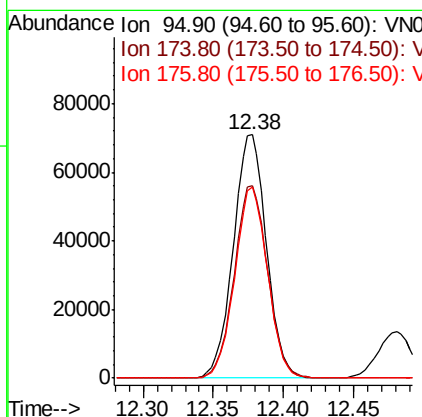
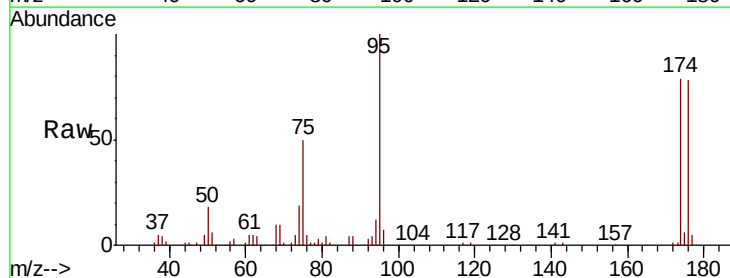
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

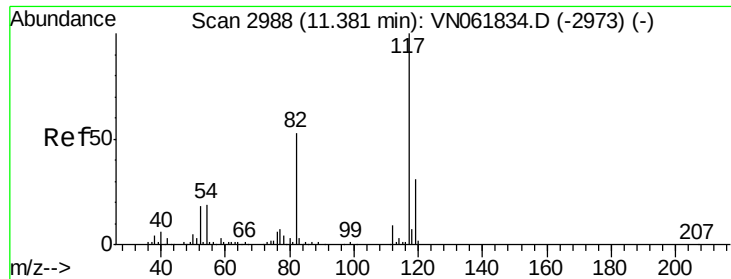
Tot Ion: 107 Resp: 103574
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 51.220 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 95 Resp: 116855
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 158.6
 176 77.4 0.0 152.0

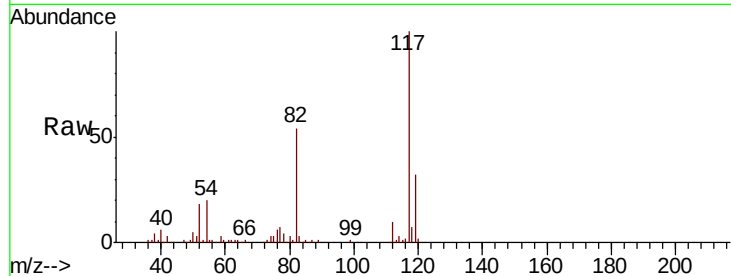




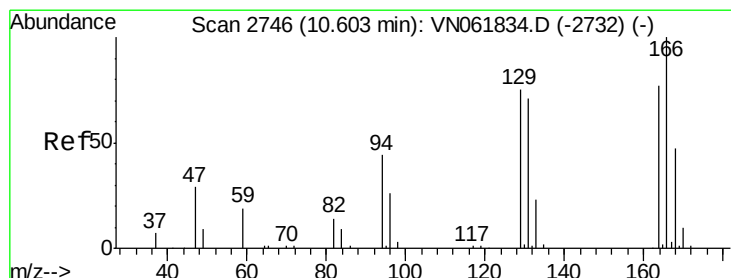
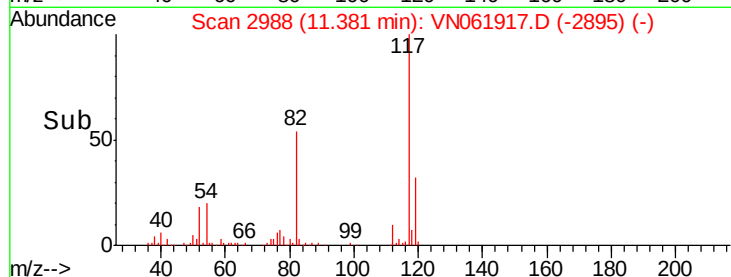
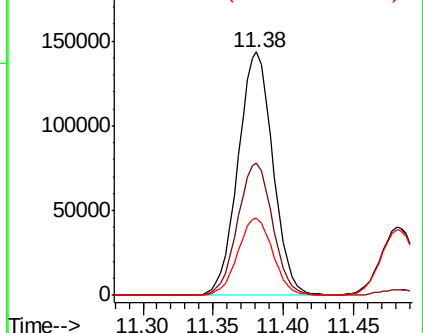
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 248608
Ion Ratio Lower Upper
117 100
82 54.4 42.6 64.0
119 31.8 24.7 37.1

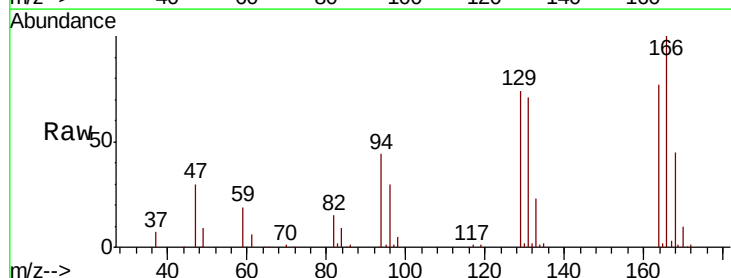


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

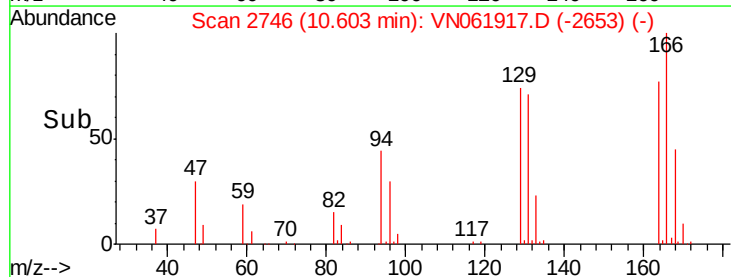
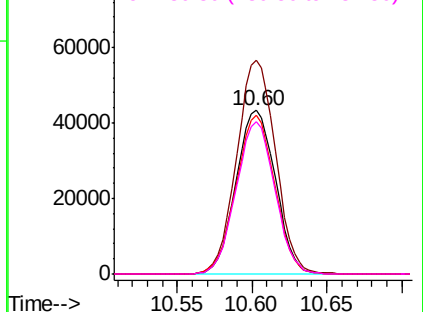


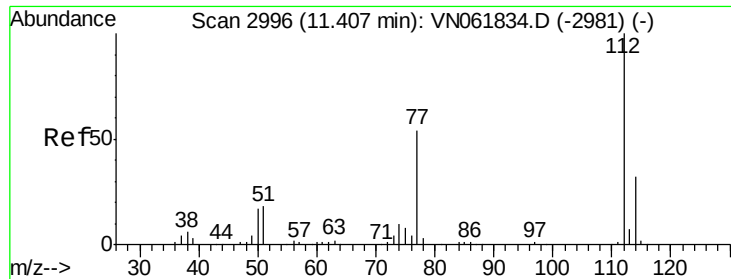
#64
Tetrachloroethene
Concen: 50.166 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:164 Resp: 79491
Ion Ratio Lower Upper
164 100
166 130.5 103.5 155.3
129 97.1 77.5 116.3
131 93.3 73.8 110.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

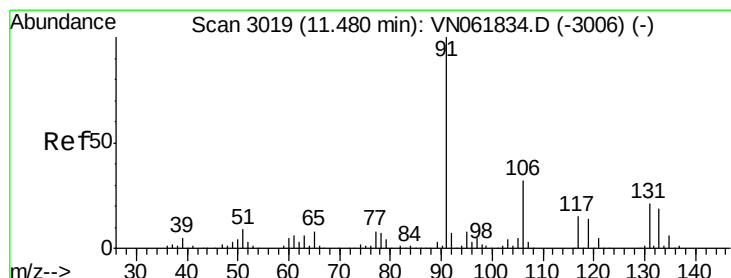
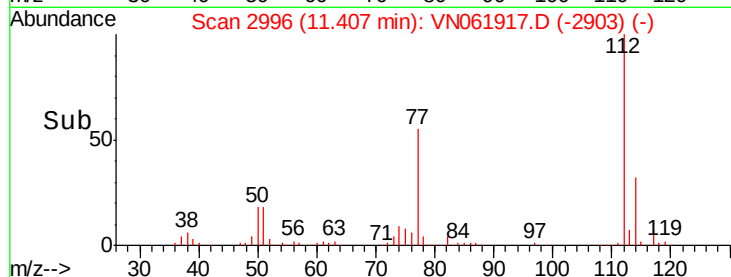
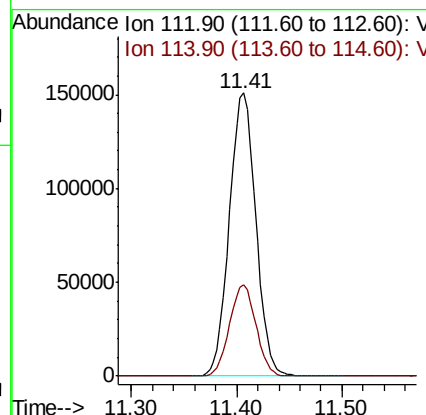
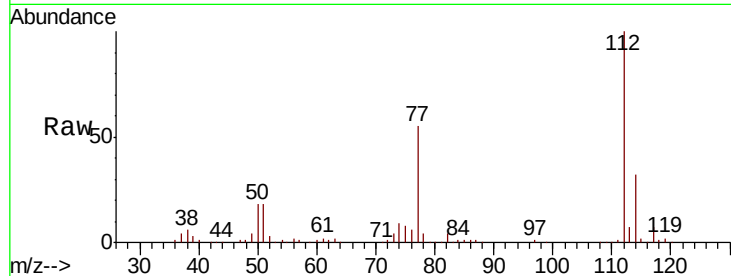




#65
Chlorobenzene
Concen: 50.094 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

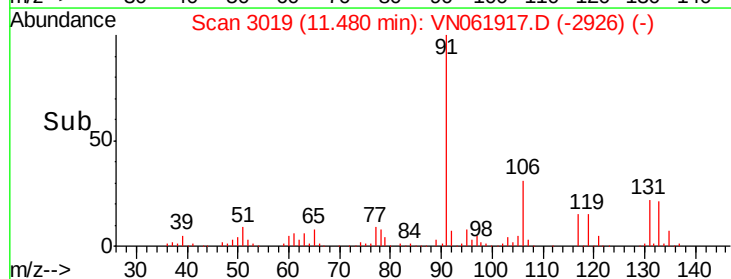
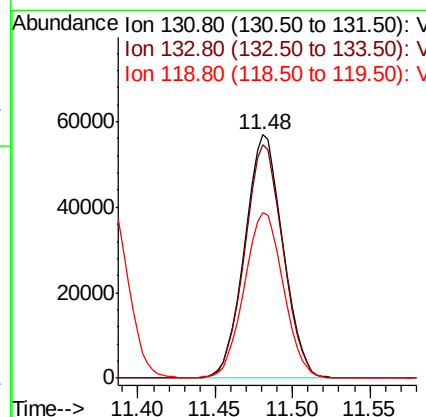
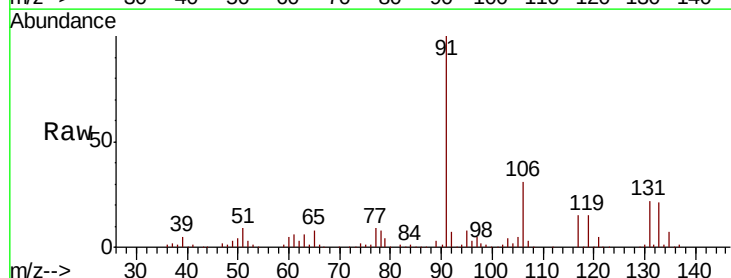
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

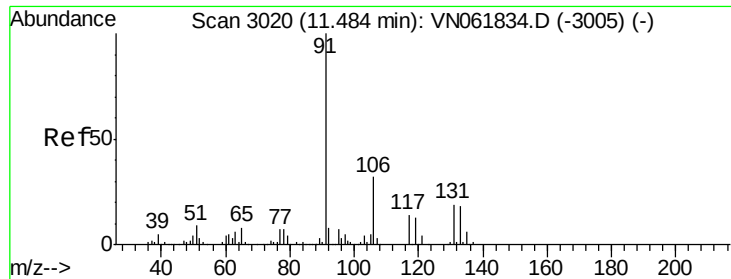
Tot Ion:112 Resp: 262787
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.652 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:131 Resp: 98159
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 69.5 34.0 101.8

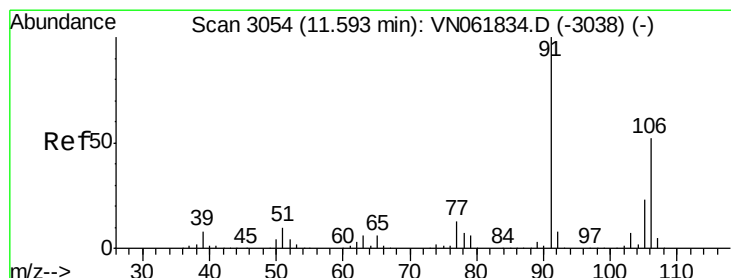
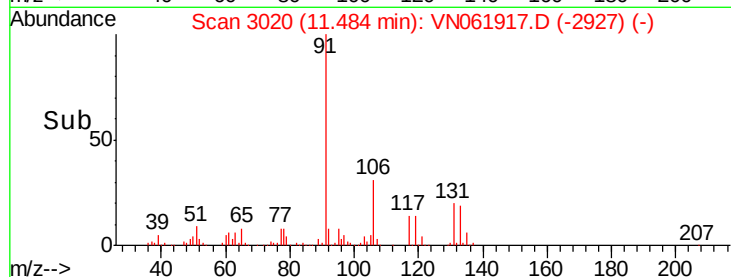
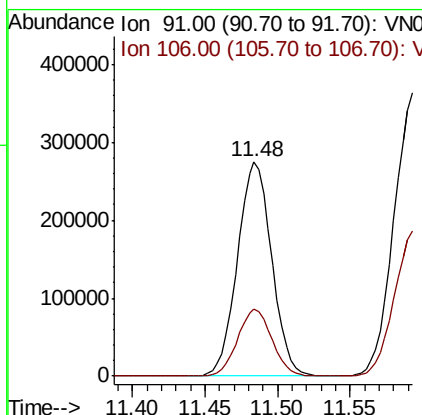
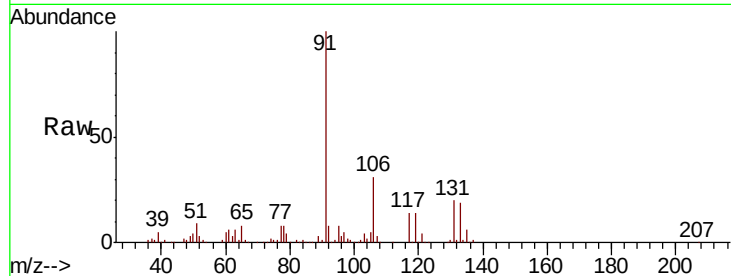




#67
Ethyl Benzene
Concen: 51.479 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

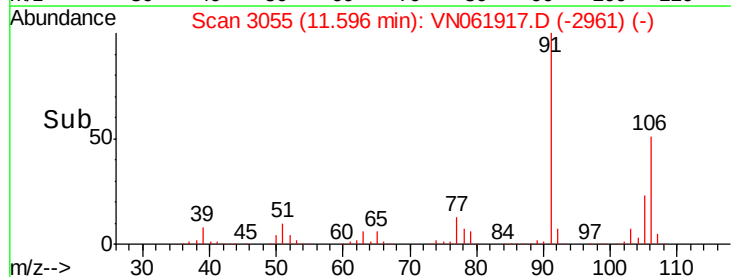
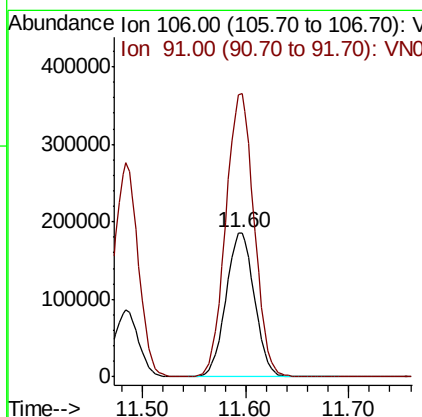
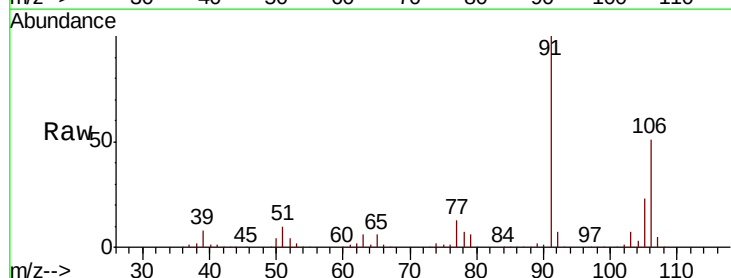
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

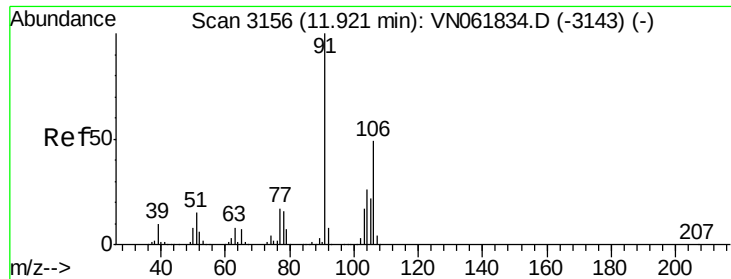
Tot Ion: 91 Resp: 452781
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 105.407 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 106 Resp: 357488
Ion Ratio Lower Upper
106 100
91 196.2 157.0 235.6

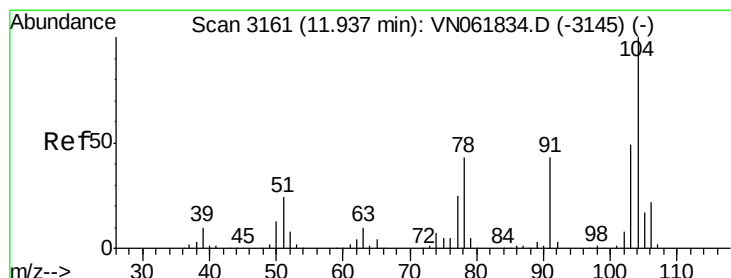
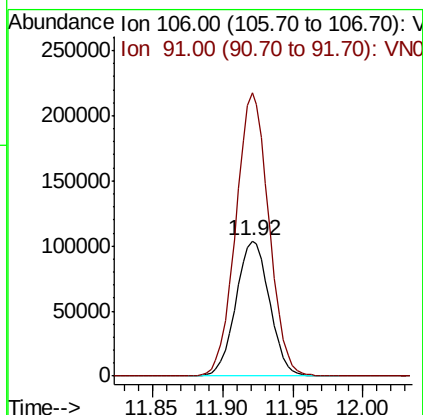
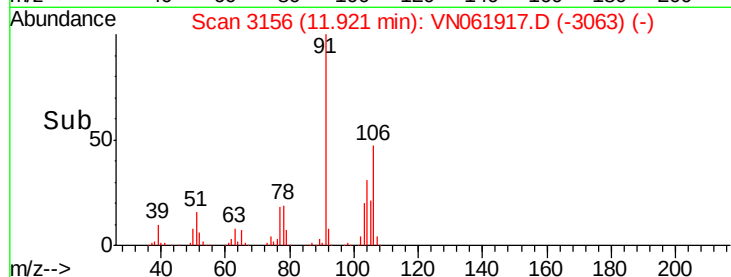
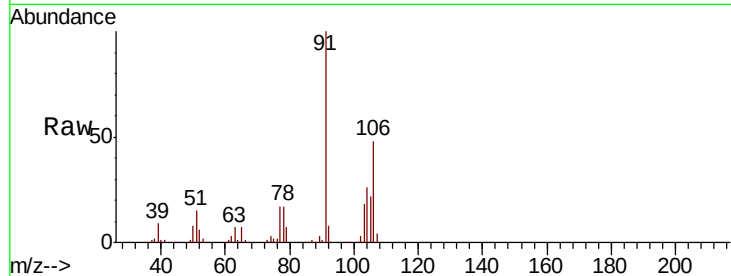




#69
o-Xylene
Concen: 53.763 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

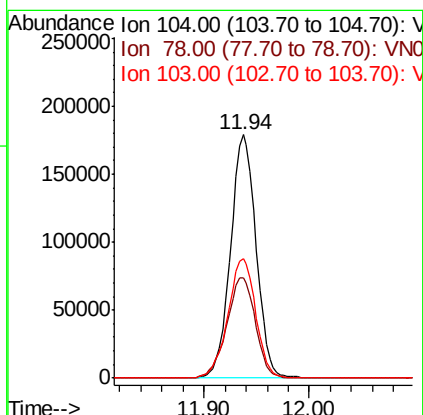
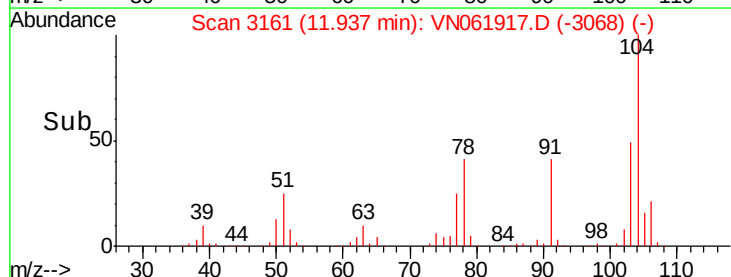
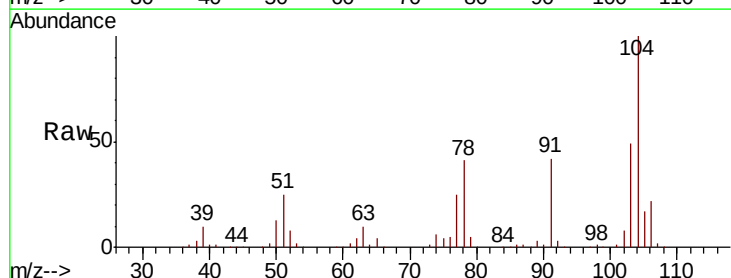
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

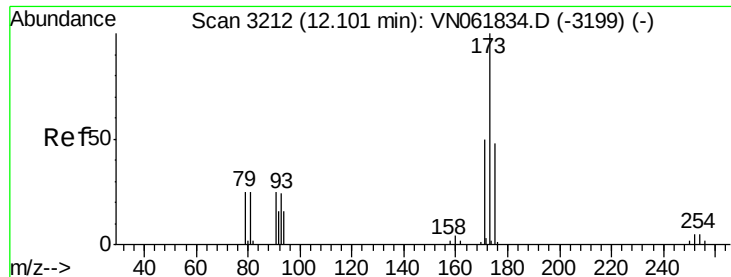
Tot Ion:106 Resp: 173978
Ion Ratio Lower Upper
106 100
91 205.4 103.0 308.9



#70
Styrene
Concen: 55.267 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:104 Resp: 299457
Ion Ratio Lower Upper
104 100
78 46.4 37.6 56.4
103 53.5 43.0 64.4





#71

Bromoform

Concen: 56.364 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

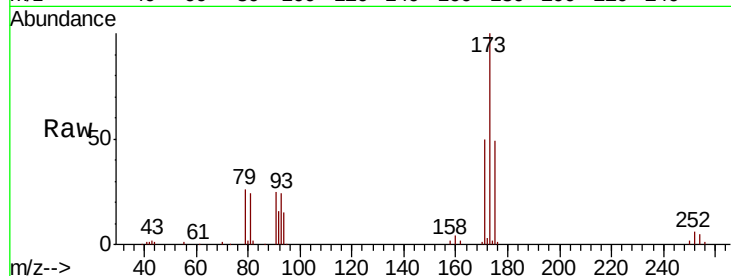
Tot Ion:173 Resp: 75191

Ion Ratio Lower Upper

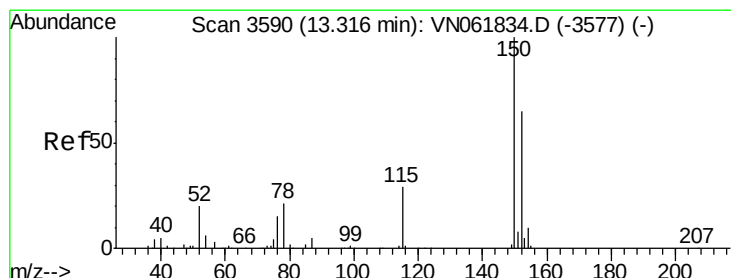
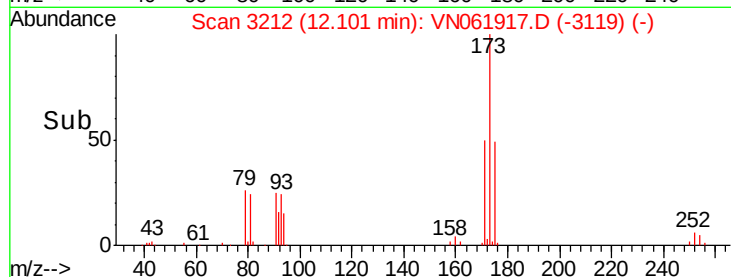
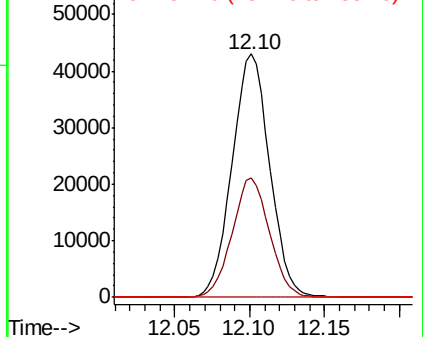
173 100

175 48.8 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

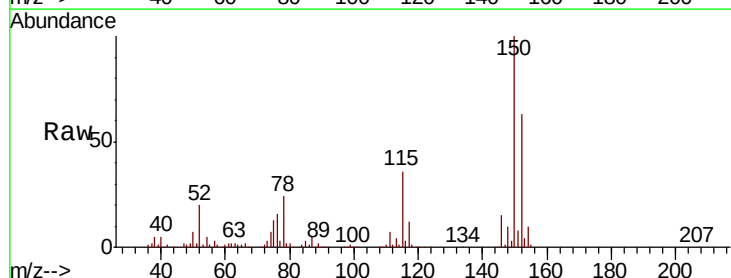
Tgt Ion:152 Resp: 122858

Ion Ratio Lower Upper

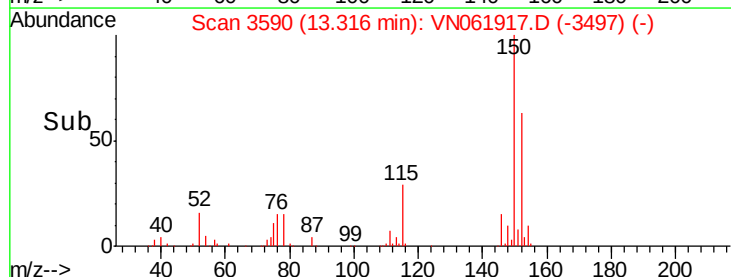
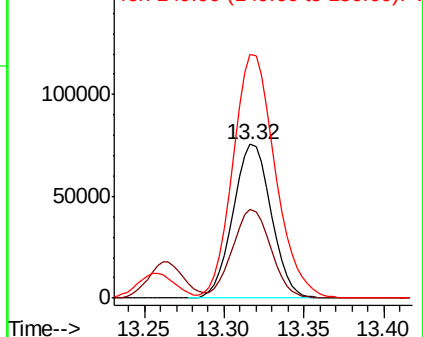
152 100

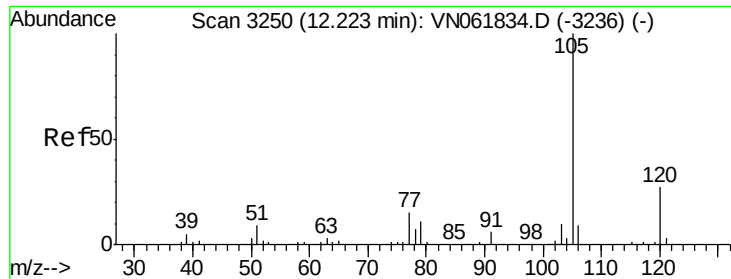
115 58.2 29.1 87.3

150 176.1 0.0 347.6



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: 50.452 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

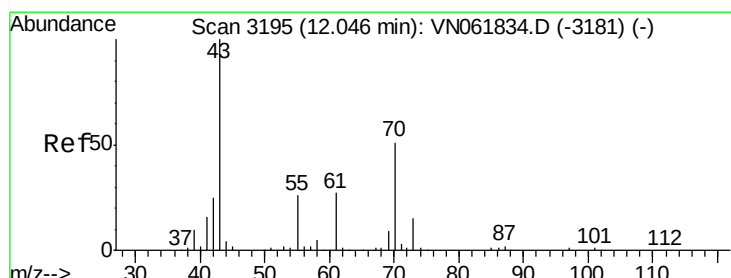
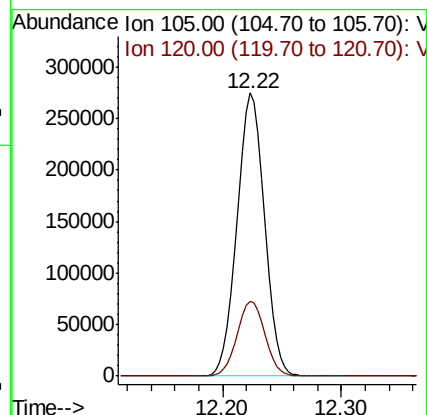
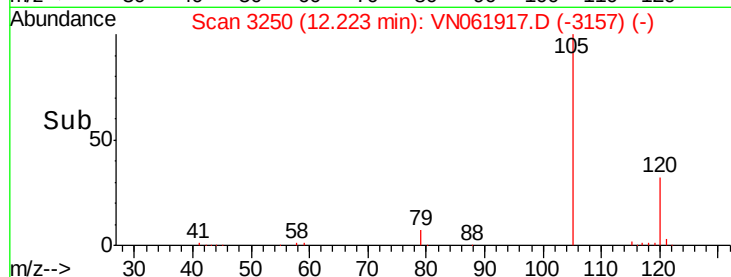
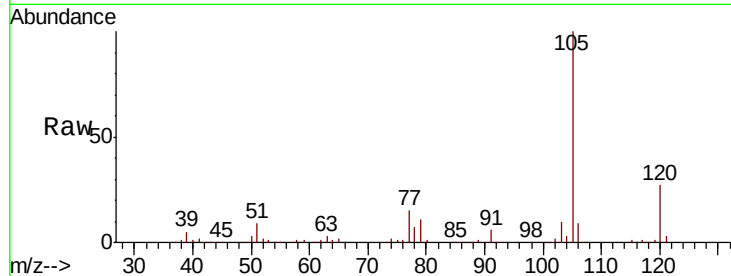
VSTDCCC050

Tot Ion:105 Resp: 440465

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.8



#74

N-ethyl acetate

Concen: 48.670 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion: 43 Resp: 153604

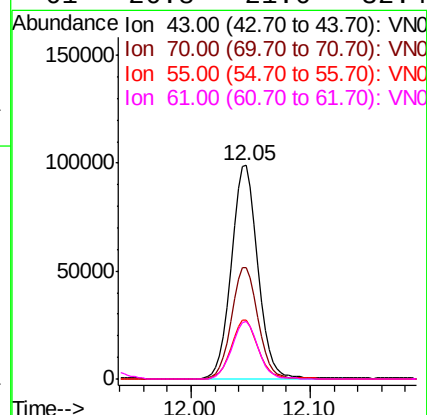
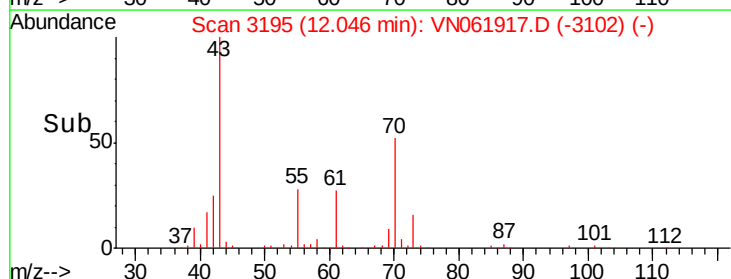
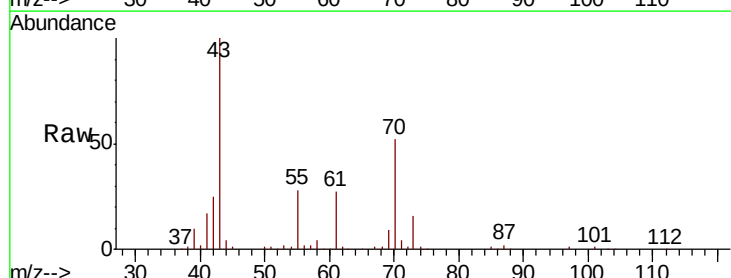
Ion Ratio Lower Upper

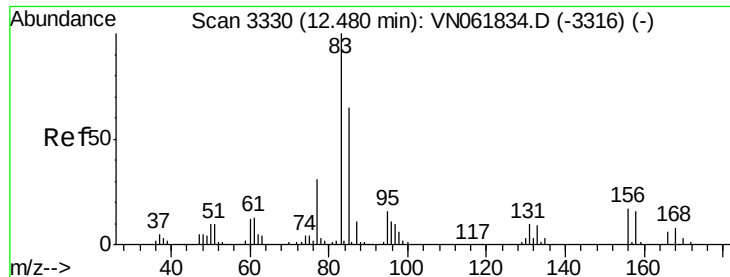
43 100

70 52.4 40.6 60.8

55 27.8 21.5 32.3

61 26.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.076 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

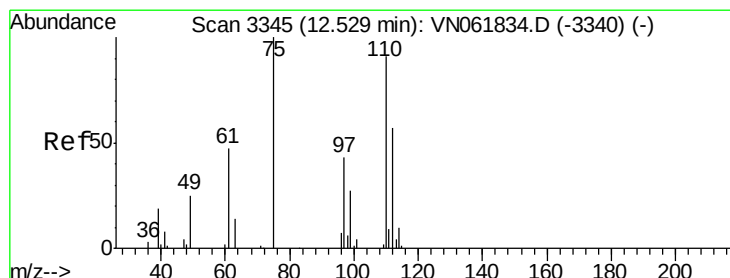
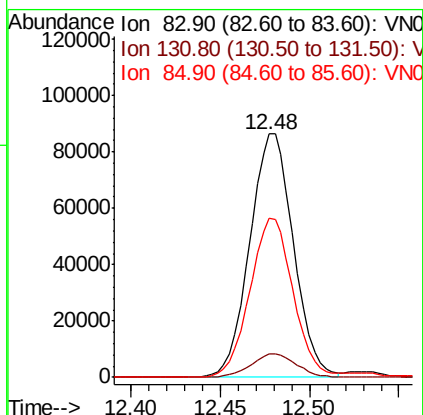
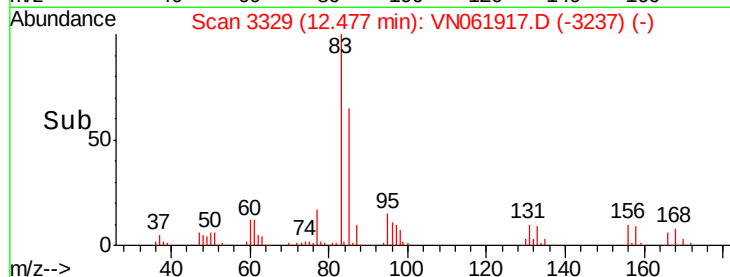
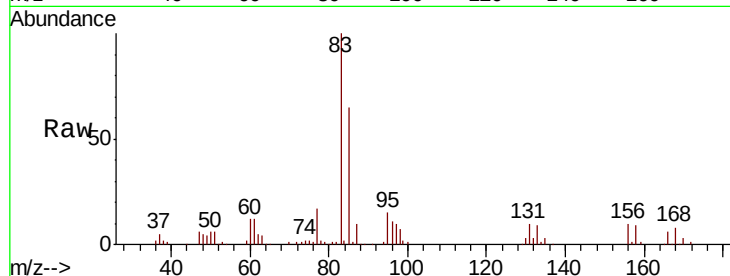
Tot Ion: 83 Resp: 147817

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 74.499 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061917.D

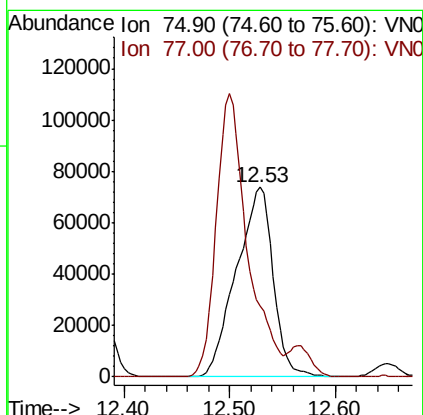
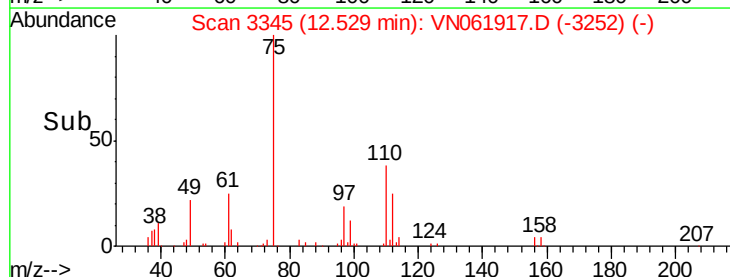
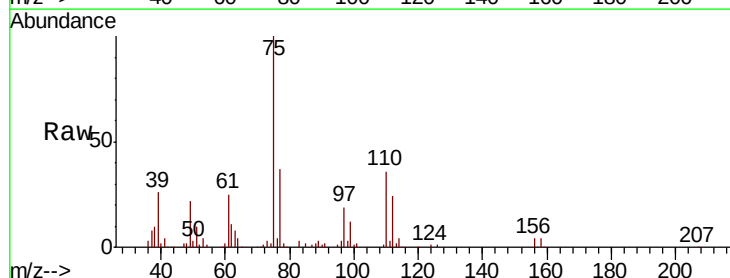
Acq: 18 Jun 2020 22:52

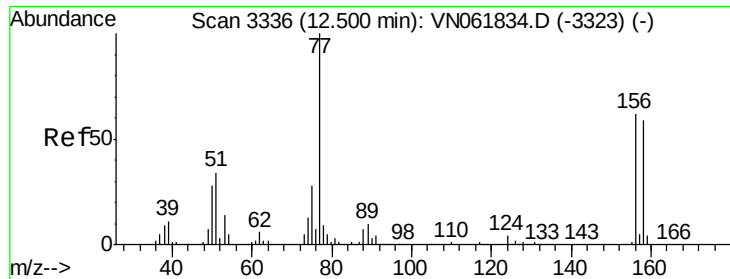
Tgt Ion: 75 Resp: 179693

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.922 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

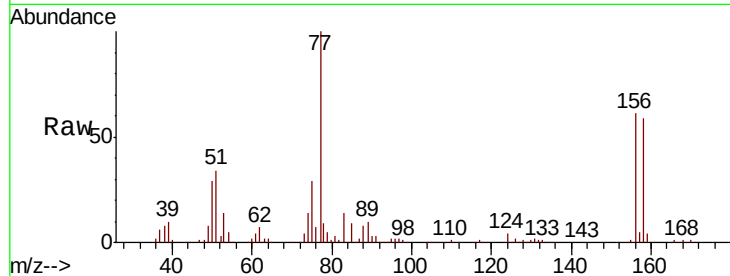
Tot Ion:156 Resp: 114361

Ion Ratio Lower Upper

156 100

77 199.1 100.7 302.1

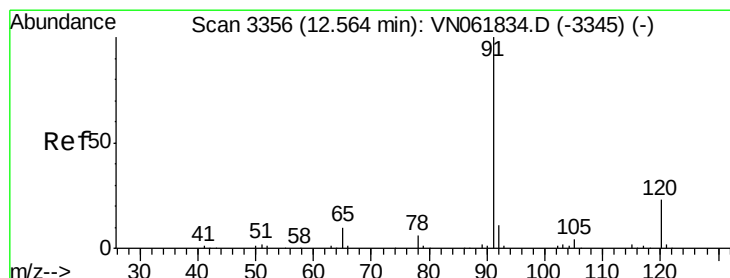
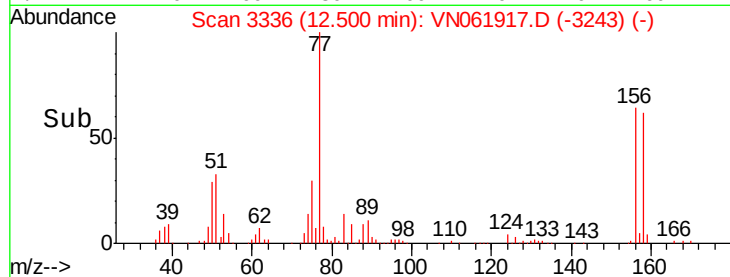
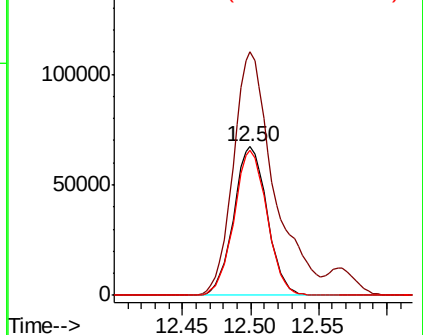
158 96.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.928 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061917.D

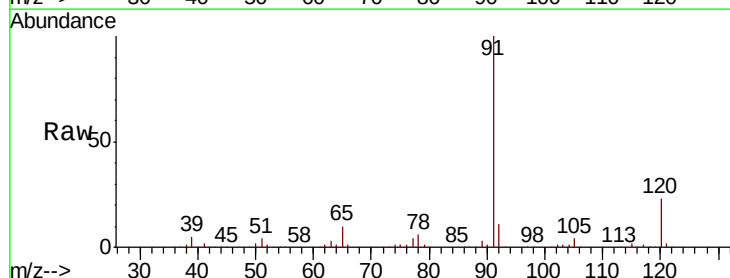
Acq: 18 Jun 2020 22:52

Tgt Ion: 91 Resp: 497369

Ion Ratio Lower Upper

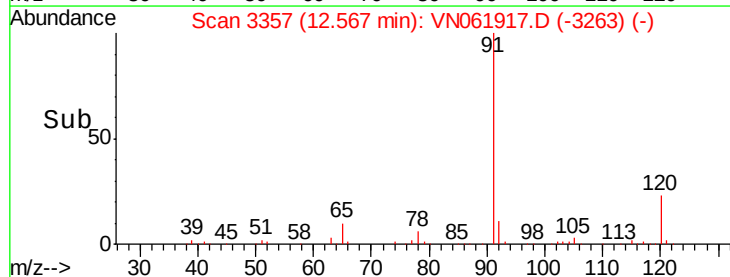
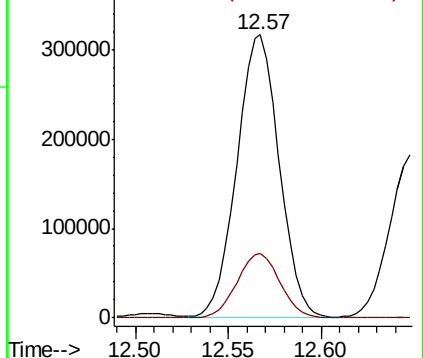
91 100

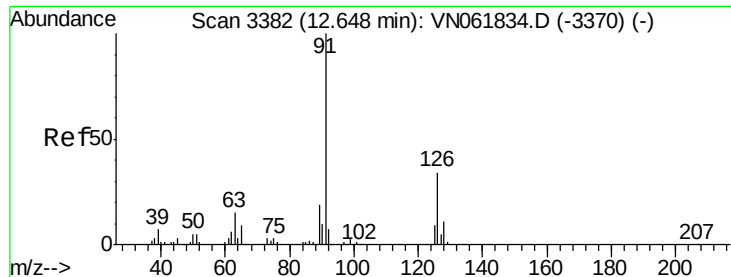
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

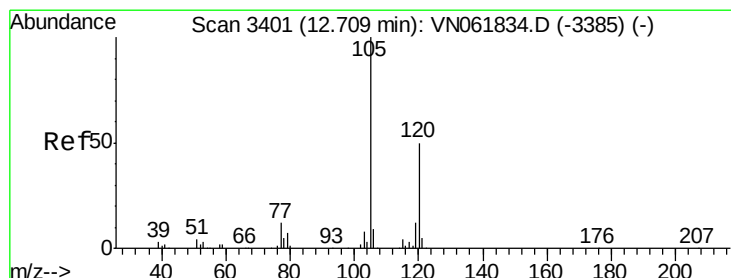
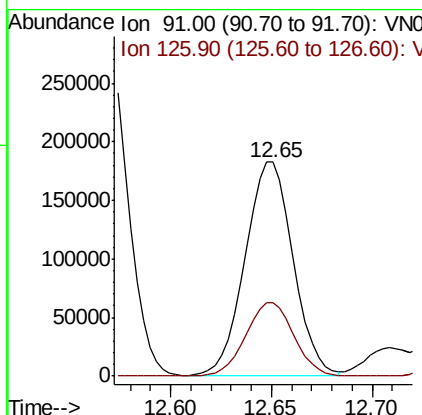
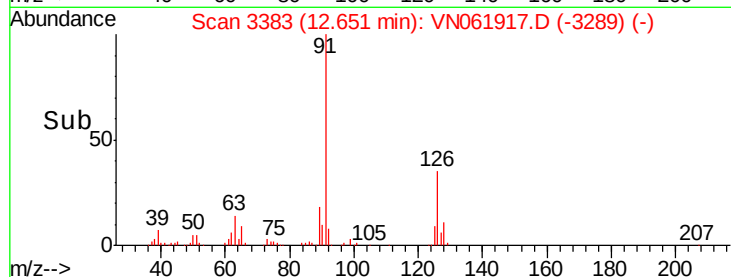
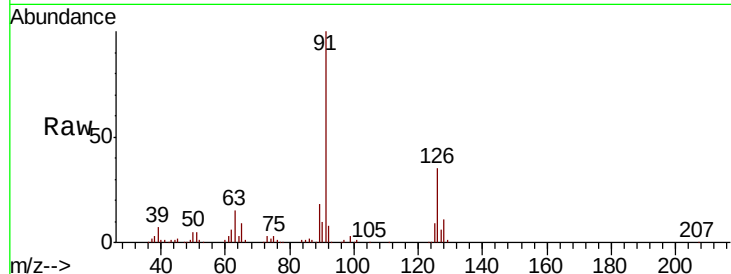




#79
 2-Chlorotoluene
 Concen: 50.380 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

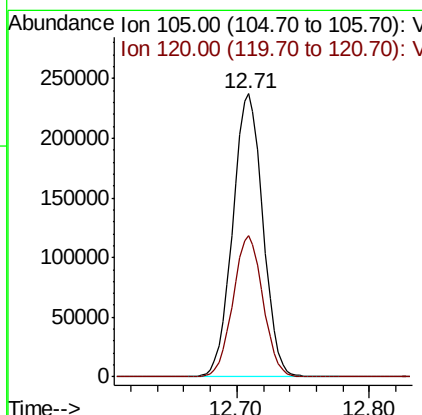
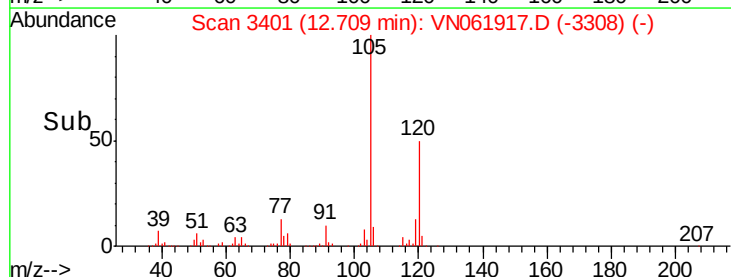
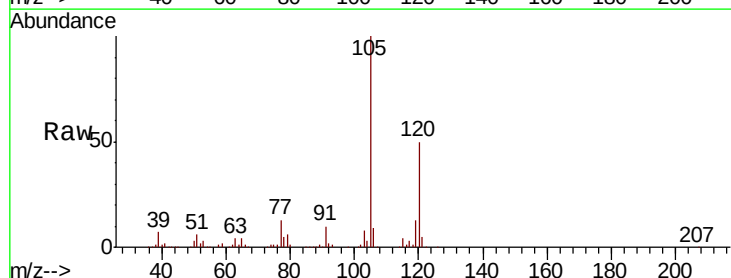
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

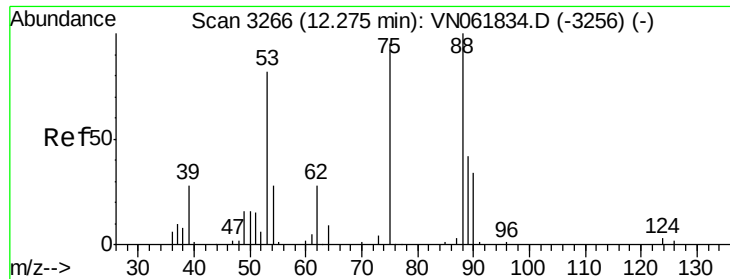
Tot Ion: 91 Resp: 301425
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.647 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 105 Resp: 373037
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.162 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

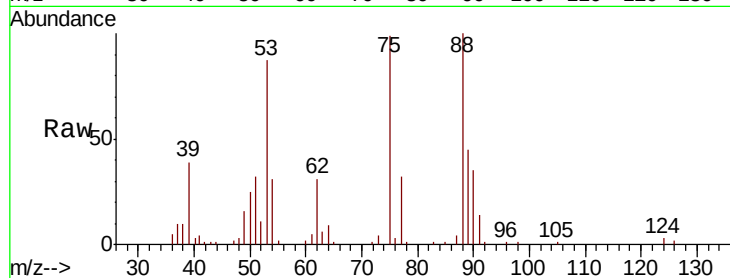
Tot Ion: 75 Resp: 45245

Ion Ratio Lower Upper

75 100

53 87.8 70.4 105.6

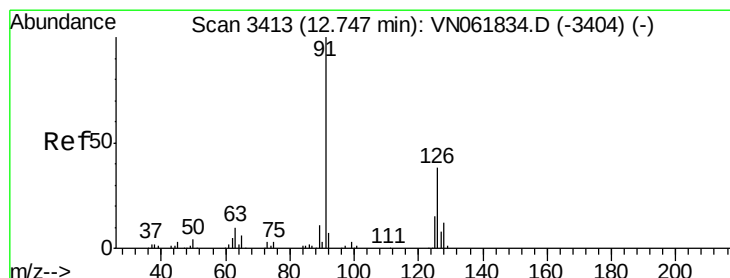
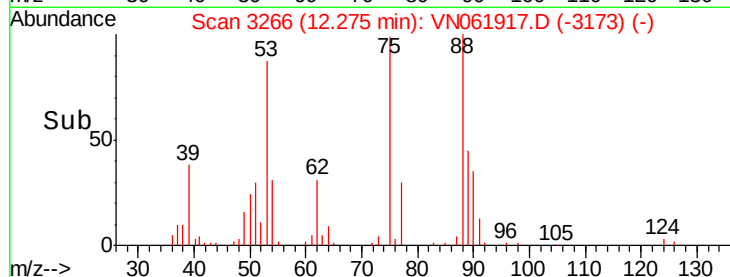
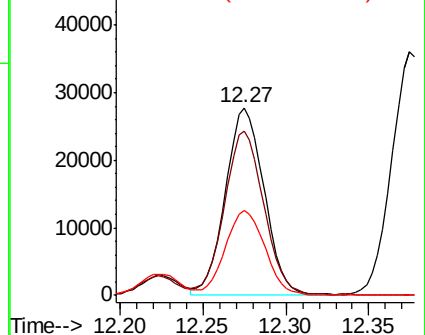
89 46.1 36.0 54.0



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

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

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



#82

4-Chlorotoluene

Concen: 50.932 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061917.D

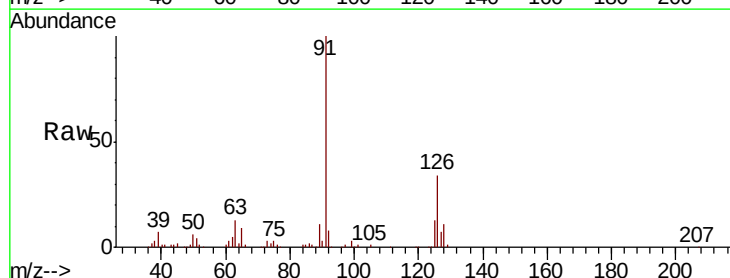
Acq: 18 Jun 2020 22:52

Tgt Ion: 91 Resp: 314873

Ion Ratio Lower Upper

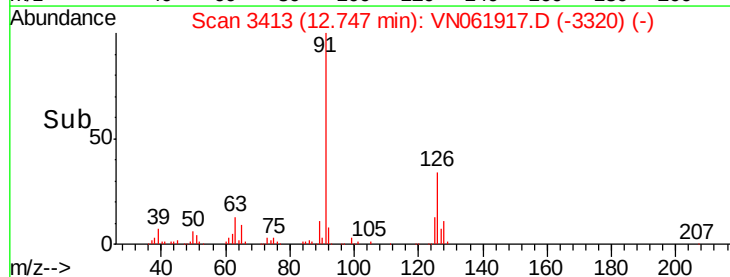
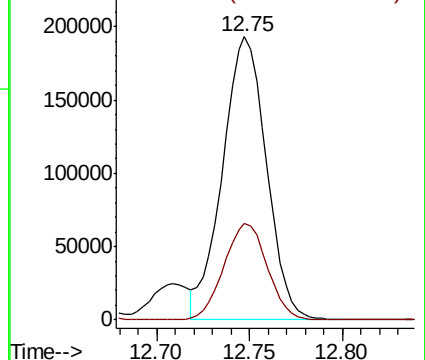
91 100

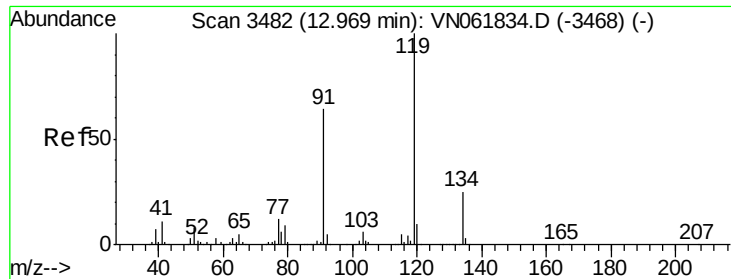
126 34.0 17.2 51.6



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

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

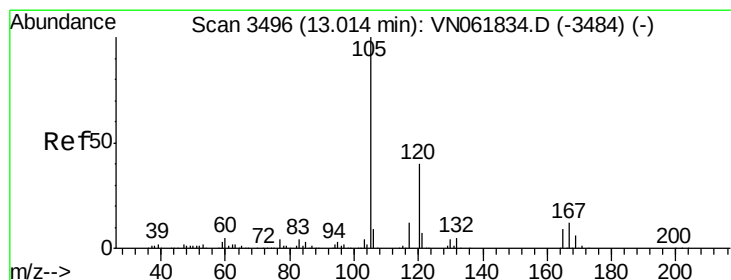
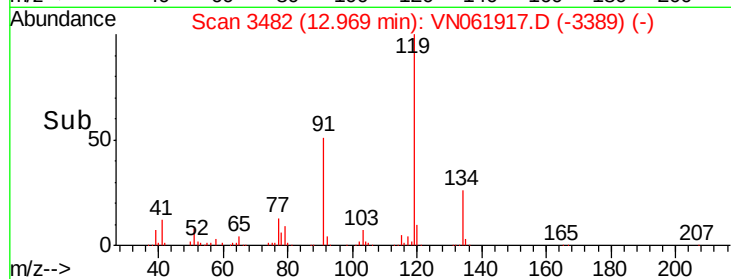
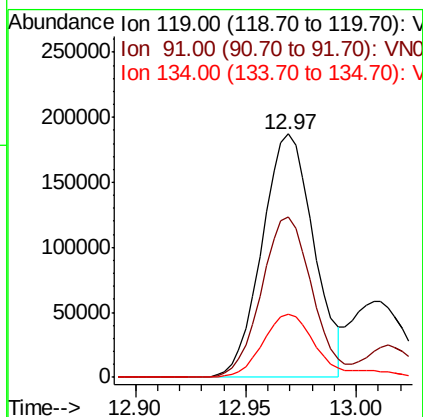
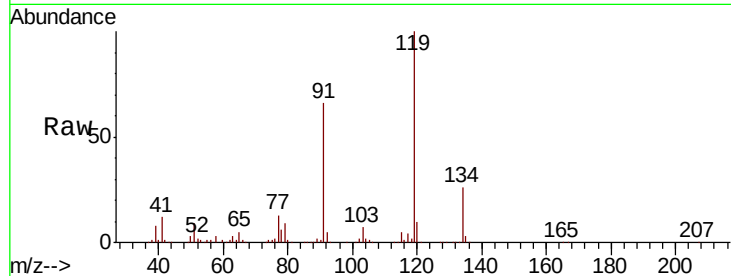




#83
 tert-Butylbenzene
 Concen: 49.722 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

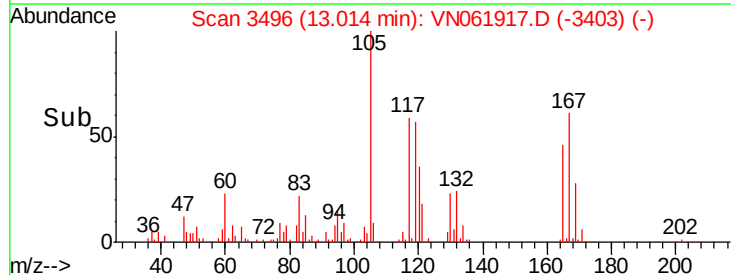
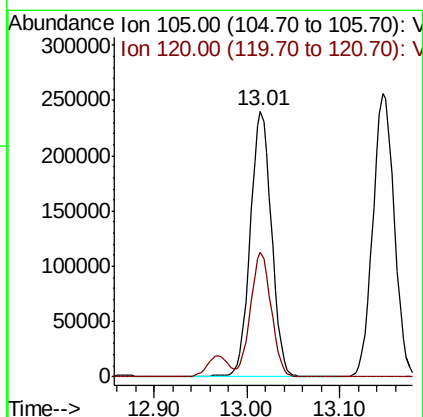
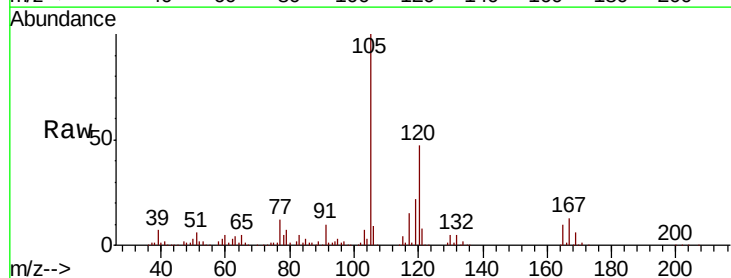
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

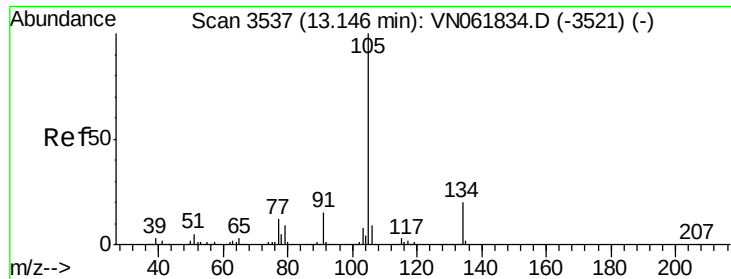
Tot Ion:119 Resp: 304462
 Ion Ratio Lower Upper
 119 100
 91 64.7 31.5 94.5
 134 26.0 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.569 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion:105 Resp: 381942
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.157 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

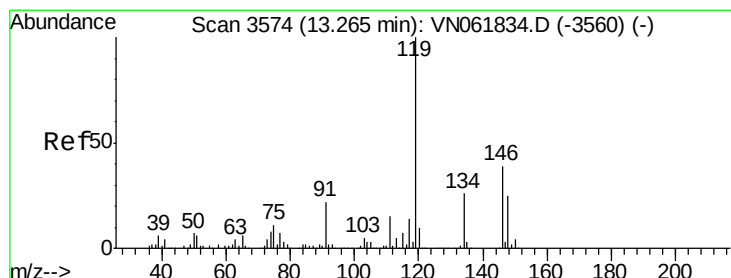
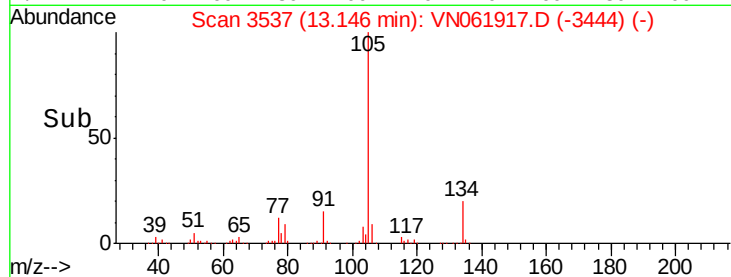
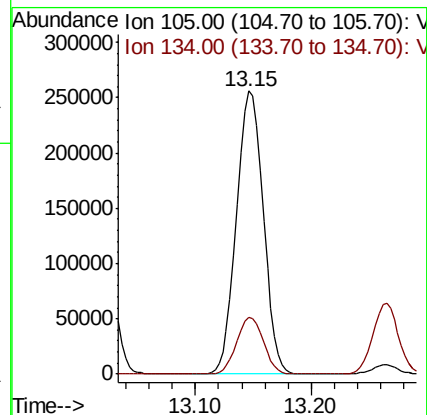
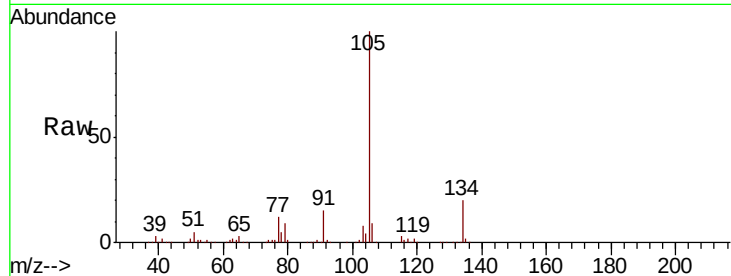
VSTDCCC050

Tot Ion:105 Resp: 410011

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.739 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

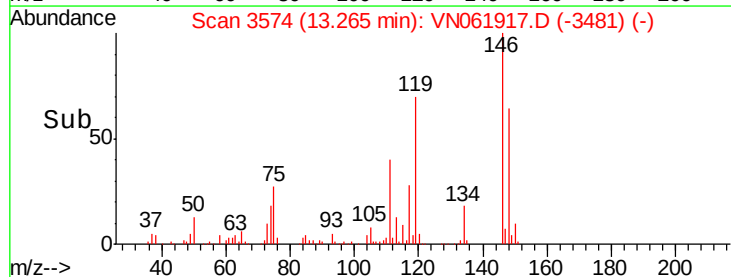
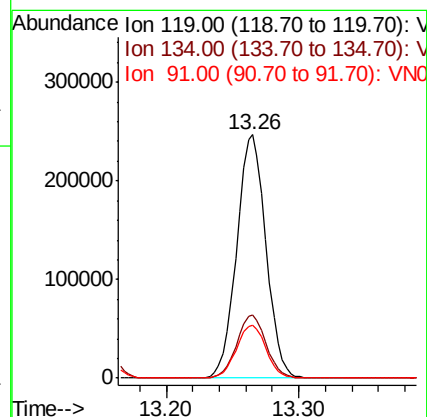
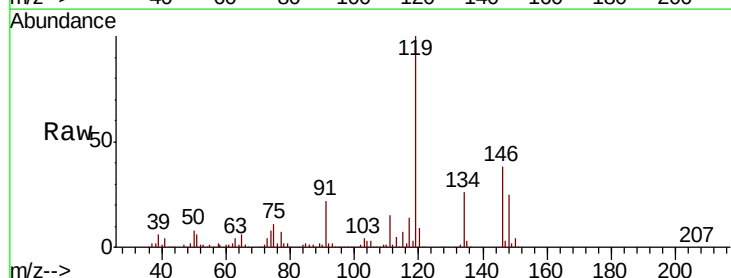
Tgt Ion:119 Resp: 376650

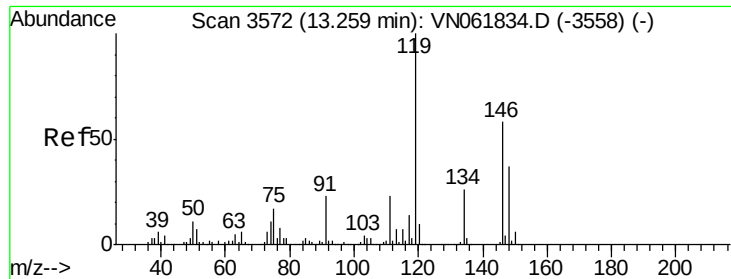
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.2 11.2 33.6

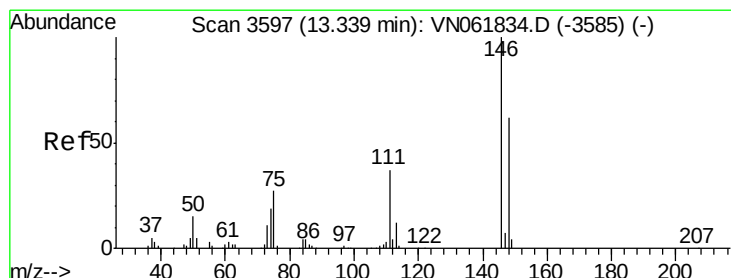
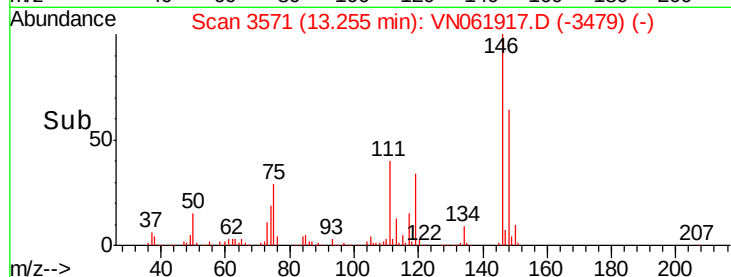
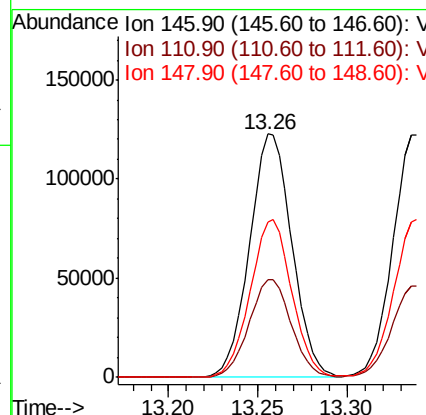
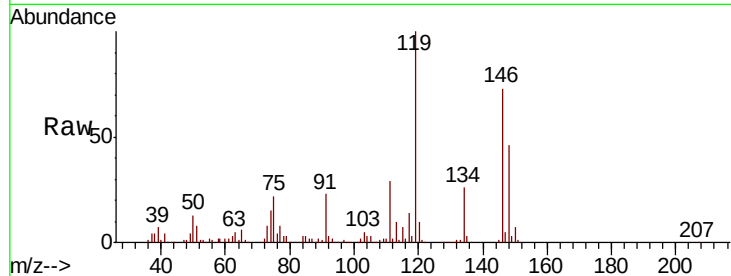




#87
 1,3-Dichlorobenzene
 Concen: 50.636 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

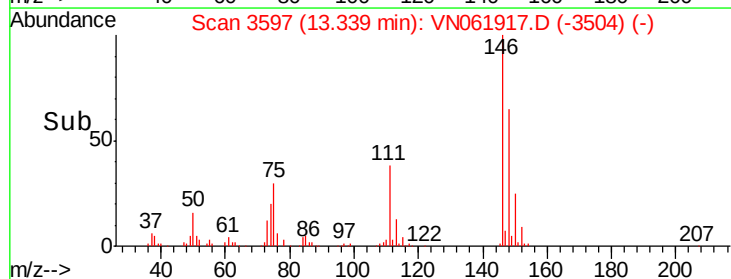
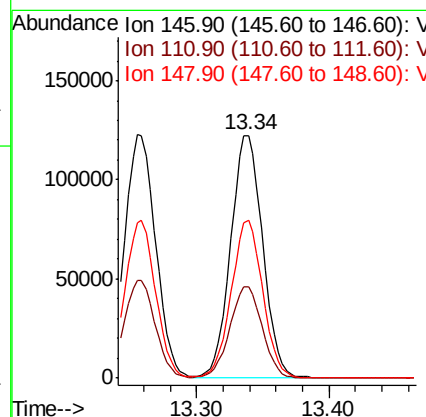
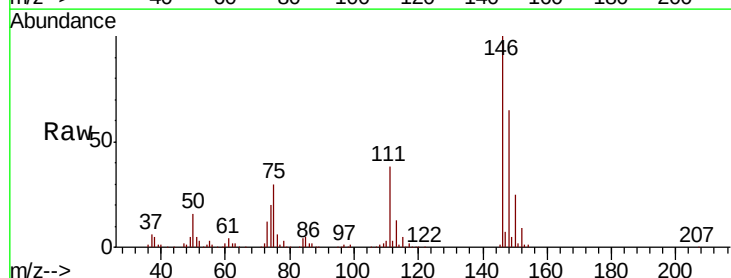
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

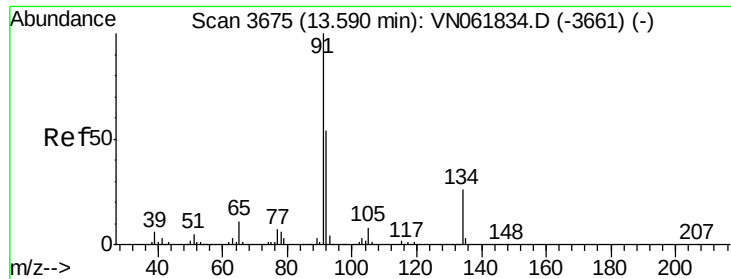
Tot Ion:146 Resp: 203413
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.983 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion:146 Resp: 205532
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.3 57.8
 148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 50.046 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

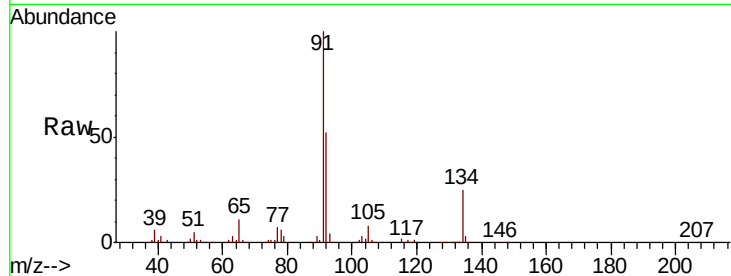
Tot Ion: 91 Resp: 298495

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

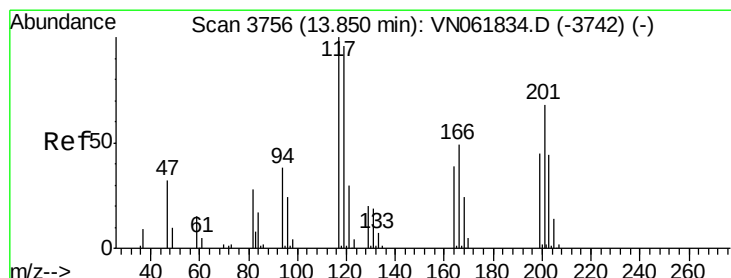
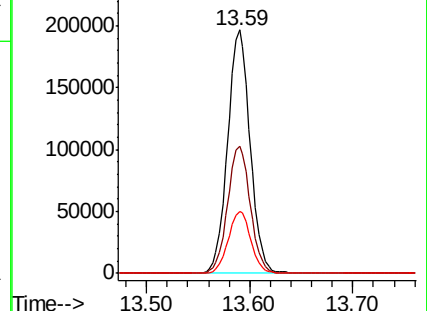
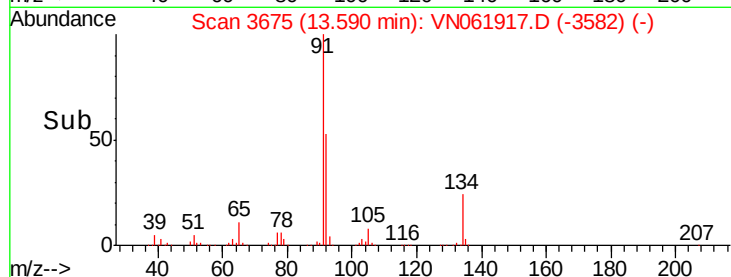
134 25.5 13.0 39.0



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

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

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



#90

Hexachloroethane

Concen: 53.351 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061917.D

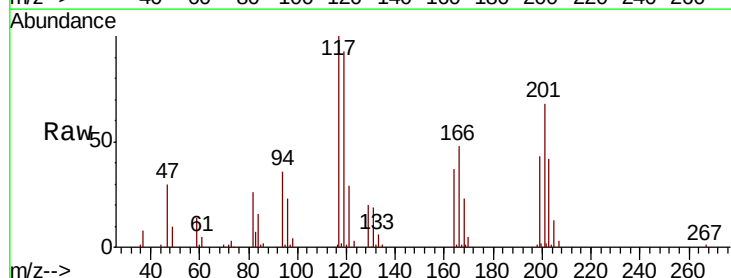
Acq: 18 Jun 2020 22:52

Tgt Ion: 117 Resp: 69747

Ion Ratio Lower Upper

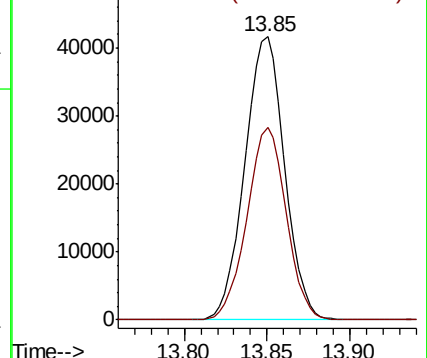
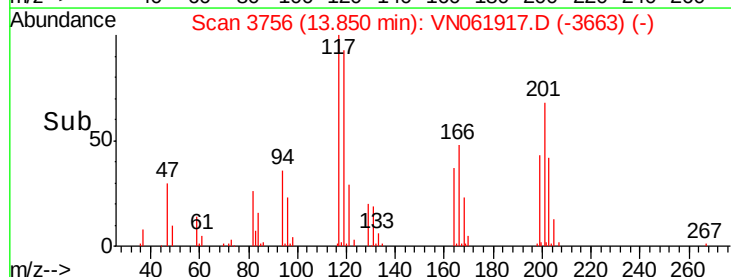
117 100

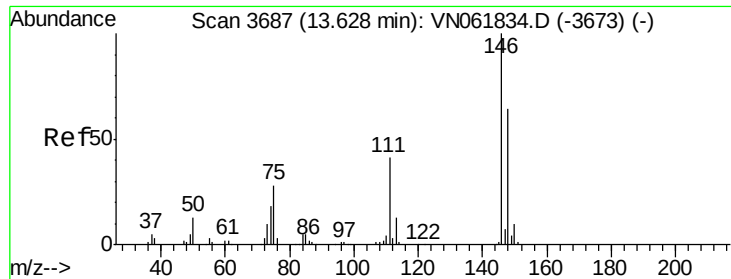
201 67.0 34.6 103.8



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

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

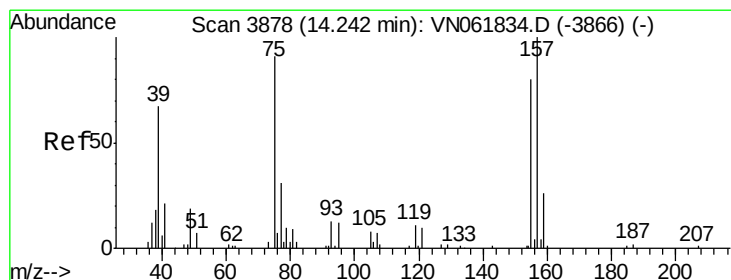
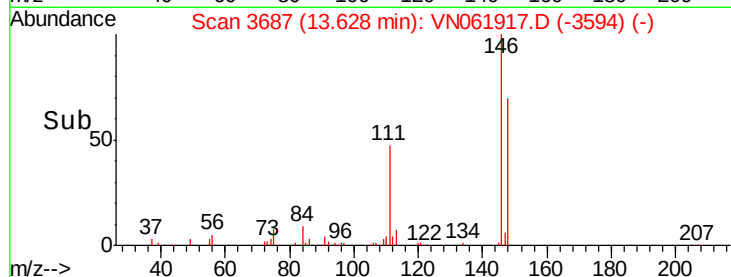
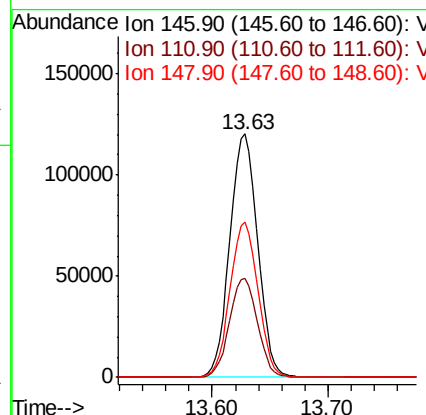
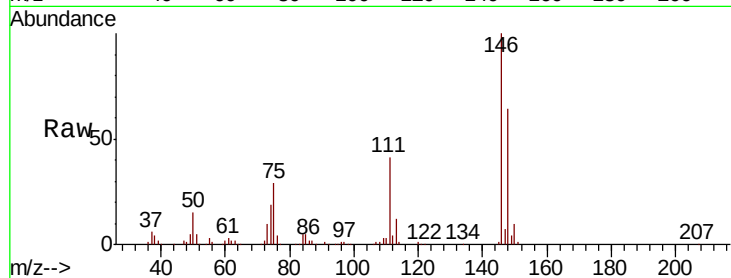




#91
 1,2-Dichlorobenzene
 Concen: 51.629 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

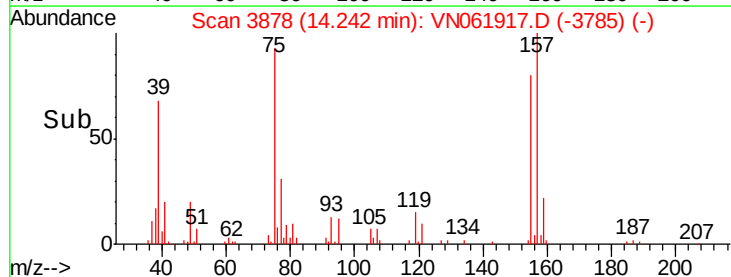
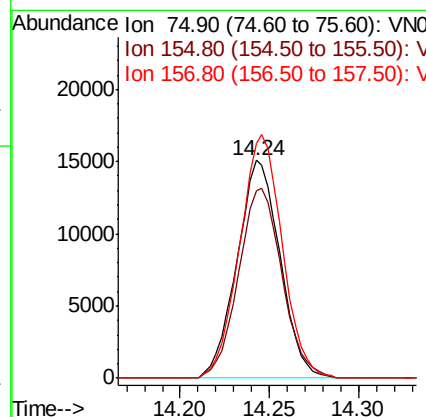
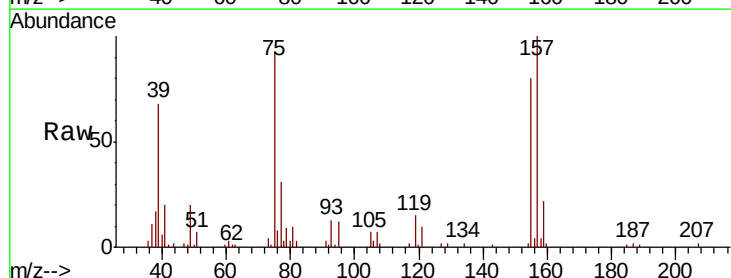
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

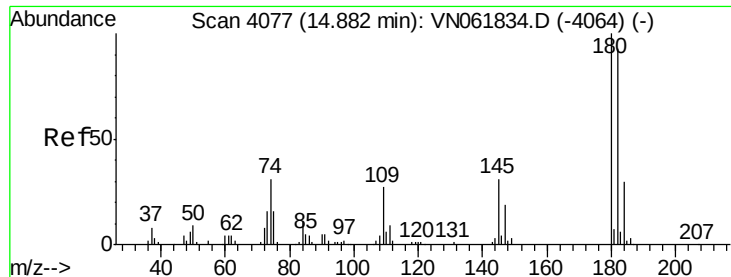
Tot Ion:146 Resp: 199667
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.9 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.795 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 75 Resp: 25250
 Ion Ratio Lower Upper
 75 100
 155 88.4 44.4 133.2
 157 110.8 57.0 171.2

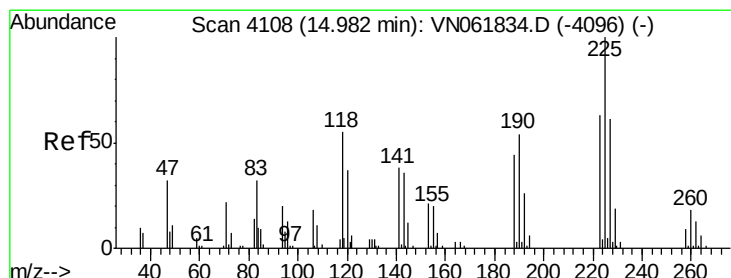
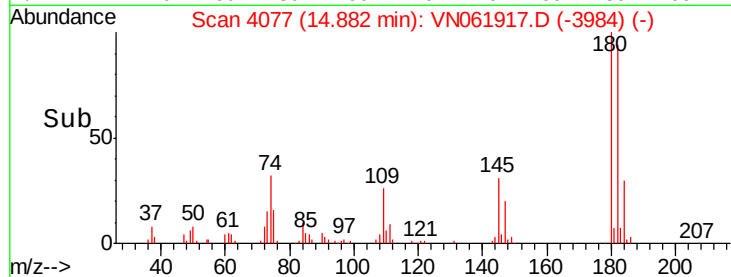
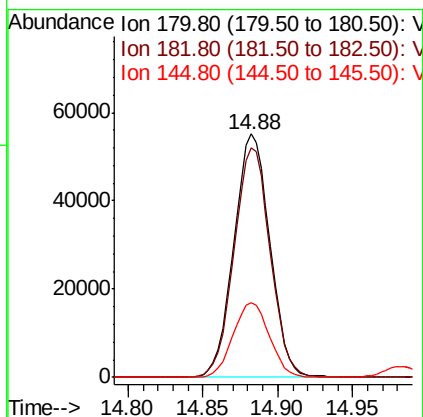
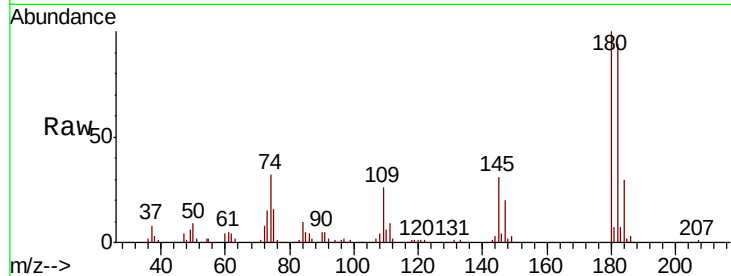




#93
 1,2,4-Trichlorobenzene
 Concen: 50.561 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

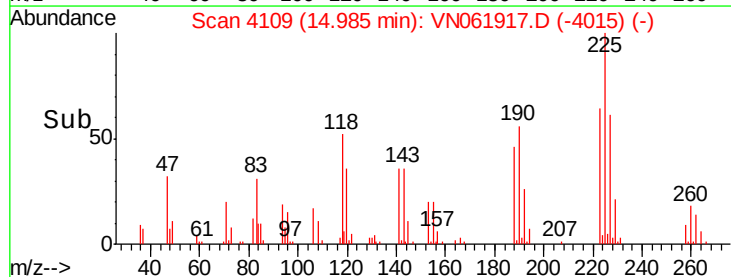
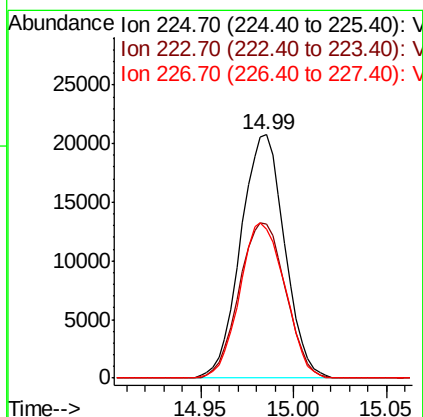
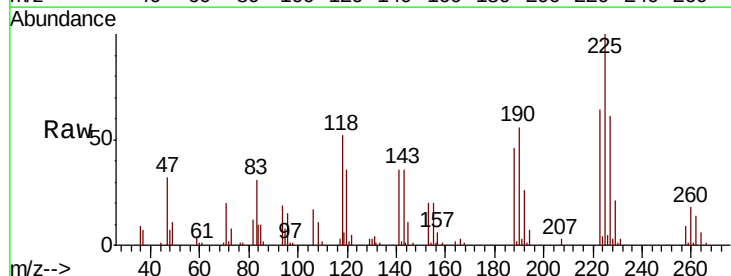
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

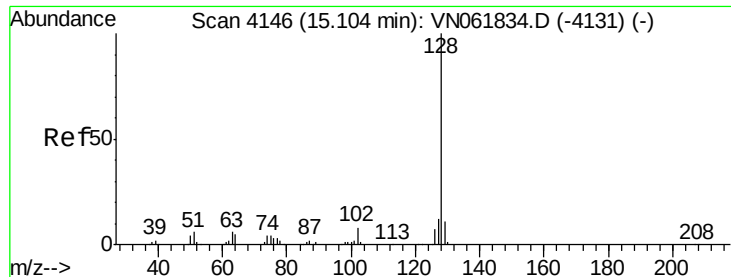
Tot Ion:180 Resp: 92269
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.2
 145 31.0 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 47.539 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion:225 Resp: 34169
 Ion Ratio Lower Upper
 225 100
 223 67.7 31.7 95.1
 227 65.5 30.1 90.3

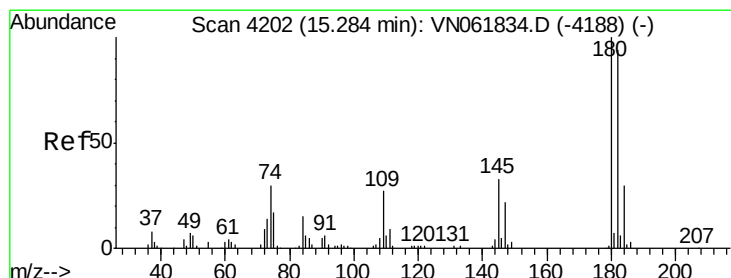
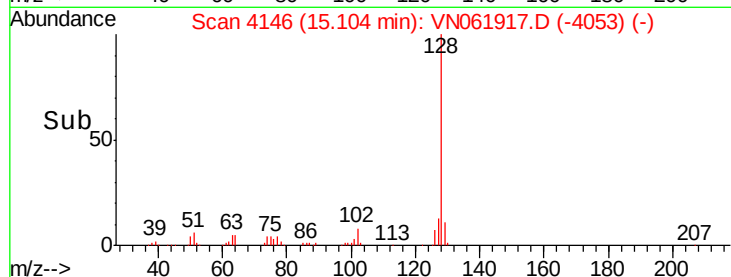
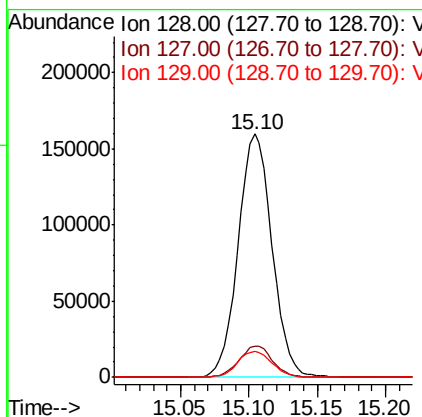
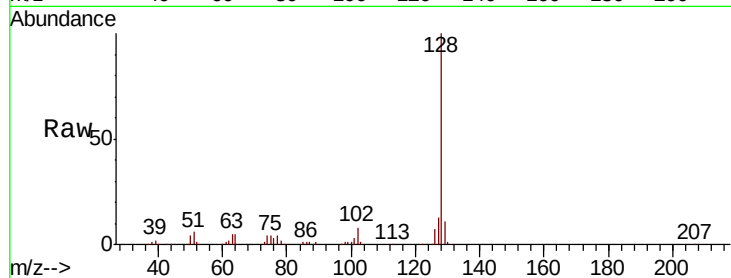




#95
Naphthalene
Concen: 45.415 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 275448
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.807 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:180 Resp: 93633
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 33.5 16.5 49.5

