

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061863.D
 Acq On : 17 Jun 2020 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 18 03:57:38 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	168557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	290420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109132	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.55	113	95369	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.06	98	367666	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.38	95	124784	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	104423	47.626	ug/l	97
3) Chloromethane	2.03	50	109363	46.743	ug/l	99
4) Vinyl Chloride	2.16	62	137548	49.315	ug/l	99
5) Bromomethane	2.52	94	98615	46.041	ug/l	97
6) Chloroethane	2.67	64	91993	48.734	ug/l	100
7) Trichlorofluoromethane	2.98	101	168321	50.522	ug/l	97
8) Diethyl Ether	3.37	74	53262	47.554	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	81234	47.527	ug/l	99
10) Methyl Iodide	3.91	142	95560	46.716	ug/l	98
11) Tert butyl alcohol	4.74	59	65931	210.763	ug/l	99
12) 1,1-Dichloroethene	3.69	96	82541	48.196	ug/l	97
13) Acrolein	3.56	56	39857	213.179	ug/l	99
14) Allyl chloride	4.27	41	104266	45.871	ug/l	99
15) Acrylonitrile	4.93	53	184675	238.254	ug/l	100
16) Acetone	3.77	43	143628	215.096	ug/l	100
17) Carbon Disulfide	4.01	76	233007	46.498	ug/l	99
18) Methyl Acetate	4.27	43	87962	45.755	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	264758	46.430	ug/l	99
20) Methylene Chloride	4.50	84	96214	44.226	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	90859	46.188	ug/l	99
22) Diisopropyl ether	5.90	45	233268	44.872	ug/l	99
23) Vinyl Acetate	5.84	43	936326	229.006	ug/l	100
24) 1,1-Dichloroethane	5.80	63	153394	45.076	ug/l	99
25) 2-Butanone	6.78	43	224239	230.170	ug/l	97
26) 2,2-Dichloropropane	6.78	77	120991	42.259	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	105961	46.683	ug/l	98
28) Bromochloromethane	7.15	49	75492	49.823	ug/l	97
29) Tetrahydrofuran	7.17	42	150135	234.165	ug/l	99
30) Chloroform	7.33	83	165166	45.414	ug/l	97
31) Cyclohexane	7.61	56	132482	44.471	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145665	47.029	ug/l	99
36) 1,1-Dichloropropene	7.75	75	124205	46.888	ug/l	99
37) Ethyl Acetate	6.88	43	94690	45.776	ug/l	98
38) Carbon Tetrachloride	7.73	117	127810	48.723	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	140875	49.389	ug/l	99
40) Benzene	8.00	78	380044	47.362	ug/l	99
41) Methacrylonitrile	7.17	41	136988	154.867	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	127047	46.434	ug/l	100
43) Isopropyl Acetate	8.13	43	164758	47.262	ug/l	99
44) Trichloroethene	8.80	130	101525	48.075	ug/l	95
45) 1,2-Dichloropropane	9.09	63	92865	47.092	ug/l	97
46) Dibromomethane	9.18	93	67799	48.824	ug/l	98
47) Bromodichloromethane	9.37	83	134793	47.405	ug/l	100
48) Methyl methacrylate	9.17	41	74314	46.876	ug/l	99
49) 1,4-Dioxane	9.17	88	35587	977.742	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	495073	240.324	ug/l	100
52) Toluene	10.12	92	245682	48.751	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	143266	47.462	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	155832	47.530	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	95575	48.202	ug/l	98
56) Ethyl methacrylate	10.40	69	132031	43.966	ug/l	100
57) 1,3-Dichloropropane	10.68	76	160747	47.854	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	256671	245.279	ug/l	98
59) 2-Hexanone	10.72	43	356044	218.143	ug/l	100
60) Dibromochloromethane	10.87	129	109487	49.486	ug/l	100
61) 1,2-Dibromoethane	10.98	107	100249	48.420	ug/l	99
64) Tetrachloroethene	10.60	164	85960	48.757	ug/l	99
65) Chlorobenzene	11.41	112	266957	45.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97274	47.786	ug/l	100
67) Ethyl Benzene	11.48	91	464225	47.438	ug/l	100
68) m/p-Xylenes	11.59	106	365114	96.758	ug/l	100
69) o-Xylene	11.92	106	175472	48.736	ug/l	100
70) Styrene	11.94	104	297736	49.387	ug/l	99
71) Bromoform	12.10	173	72740	49.007	ug/l #	99
73) Isopropylbenzene	12.22	105	458223	47.592	ug/l	99
74) N-amyl acetate	12.05	43	143284	41.639	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	141346	45.154	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	171641	64.526	ug/l #	100
77) Bromobenzene	12.50	156	113140	46.578	ug/l	97
78) n-propylbenzene	12.56	91	519168	47.257	ug/l	100
79) 2-Chlorotoluene	12.65	91	304530	46.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	382696	48.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	43793	44.903	ug/l	99
82) 4-Chlorotoluene	12.75	91	316640	46.442	ug/l	100
83) tert-Butylbenzene	12.97	119	319435	47.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	385851	49.071	ug/l	100
85) sec-Butylbenzene	13.15	105	426323	48.233	ug/l	100
86) p-Isopropyltoluene	13.26	119	387660	49.219	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	205958	46.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	206732	45.587	ug/l	100
89) n-Butylbenzene	13.59	91	311115	47.298	ug/l	100
90) Hexachloroethane	13.85	117	68464	47.487	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	201138	47.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24353	47.921	ug/l	100

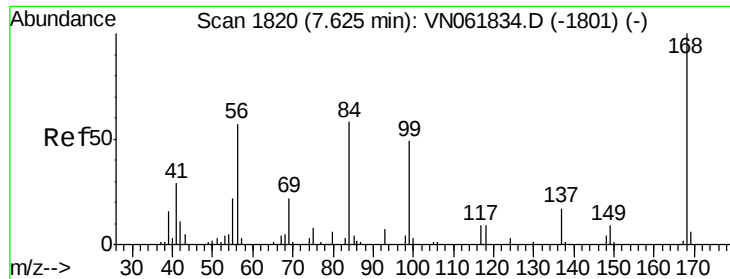
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	95633	47.518	ug/l	99
94) Hexachlorobutadiene	14.99	225	36608	46.184	ug/l	96
95) Naphthalene	15.10	128	279396	42.051	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	96680	48.505	ug/l	99

(#) = 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: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

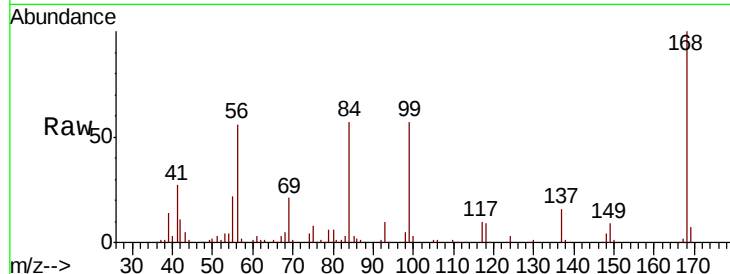
VSTDCCC050EC

Tot Ion:168 Resp: 168557

Ion Ratio Lower Upper

168 100

99 57.0 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

80000

60000

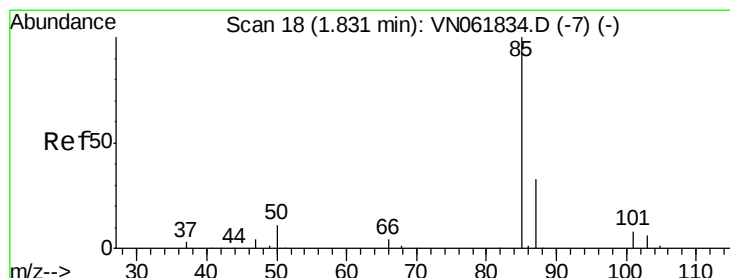
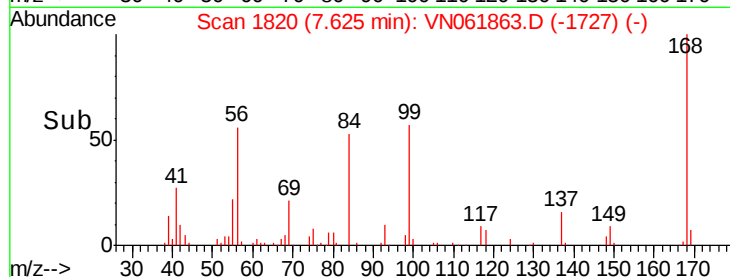
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.626 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061863.D

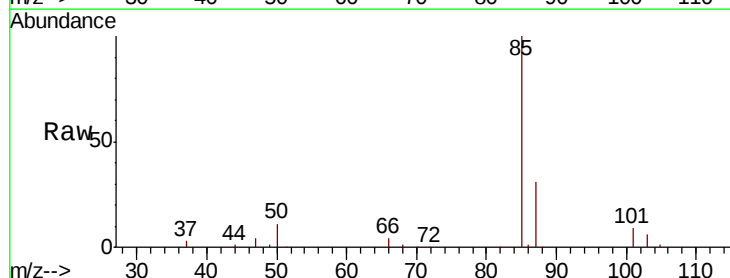
Acq: 17 Jun 2020 21:04

Tgt Ion: 85 Resp: 104423

Ion Ratio Lower Upper

85 100

87 31.2 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

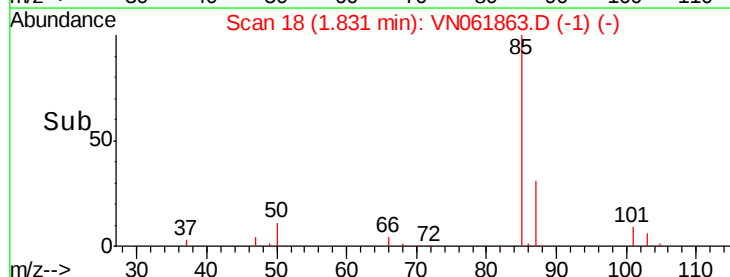
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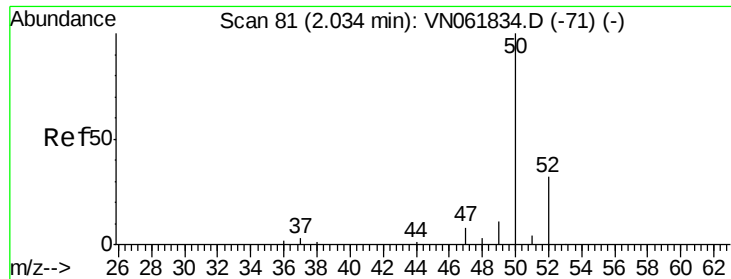
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 46.743 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

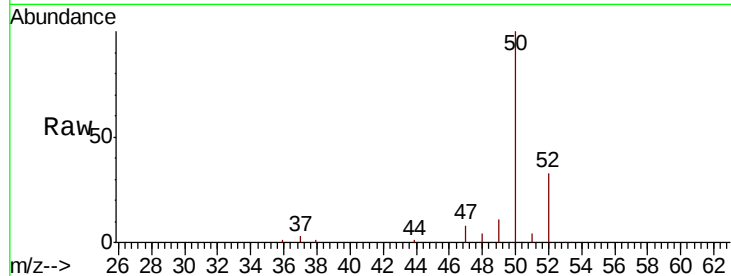
VSTDCCC050EC

Tot Ion: 50 Resp: 109363

Ion Ratio Lower Upper

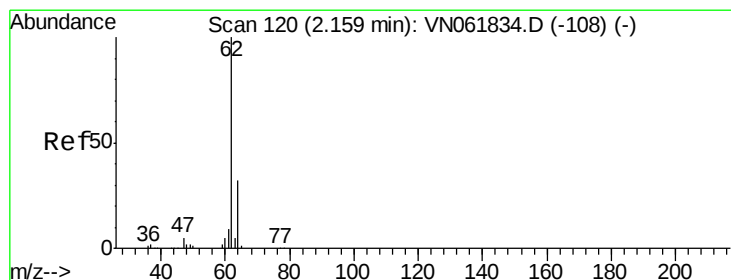
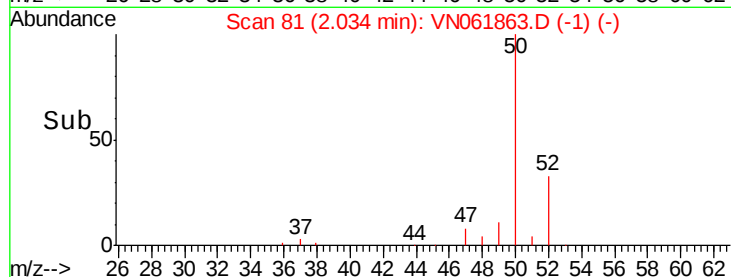
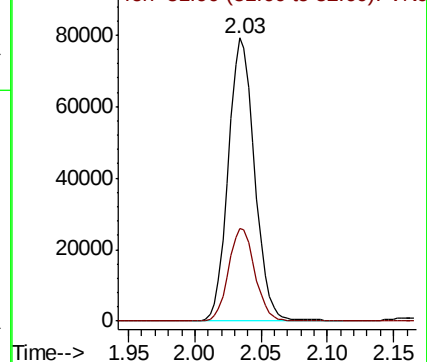
50 100

52 32.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.315 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061863.D

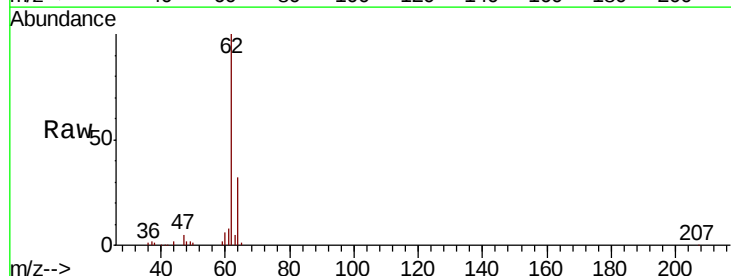
Acq: 17 Jun 2020 21:04

Tgt Ion: 62 Resp: 137548

Ion Ratio Lower Upper

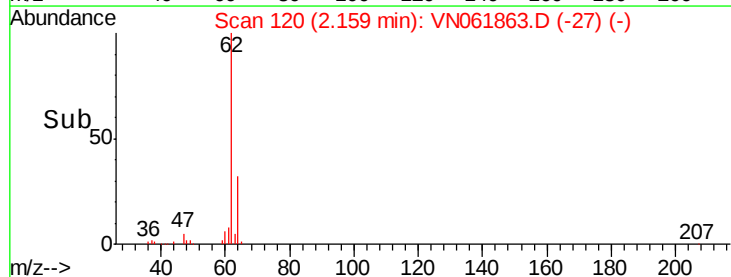
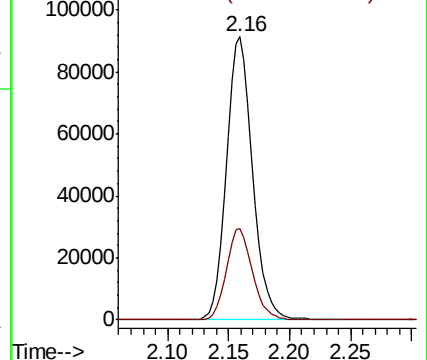
62 100

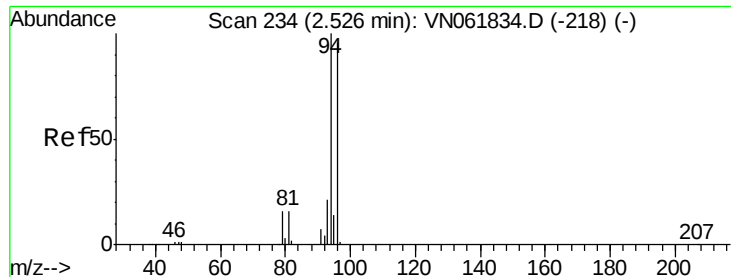
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 46.041 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

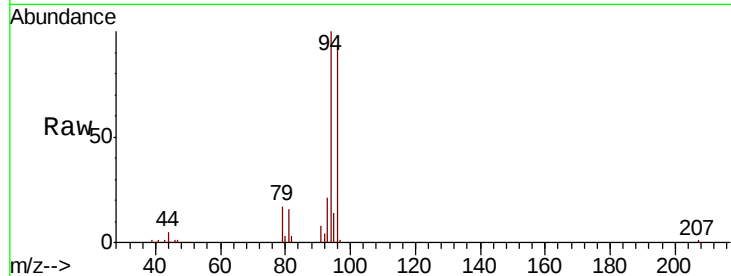
VSTDCCC050EC

Tot Ion: 94 Resp: 98615

Ion Ratio Lower Upper

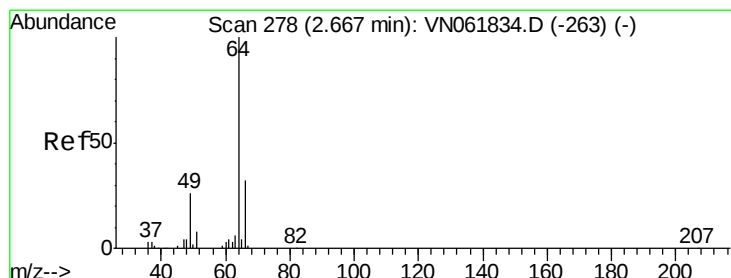
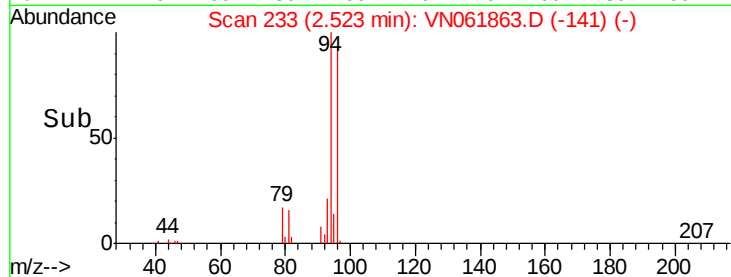
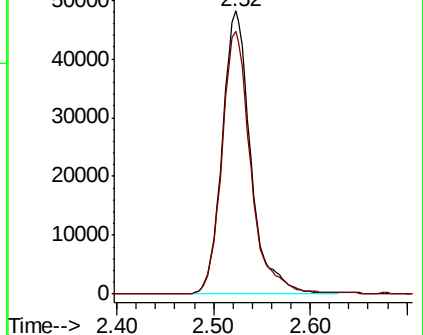
94 100

96 92.8 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061863.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN061863.D (-141) (-)



#6

Chloroethane

Concen: 48.734 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061863.D

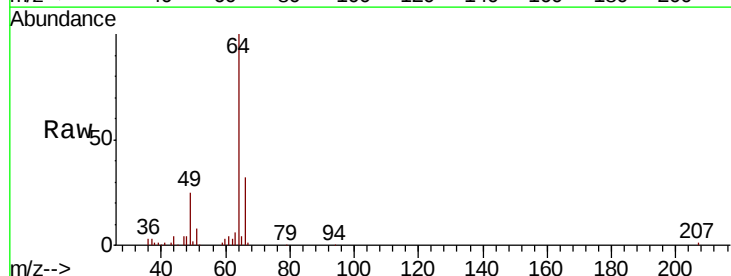
Acq: 17 Jun 2020 21:04

Tgt Ion: 64 Resp: 91993

Ion Ratio Lower Upper

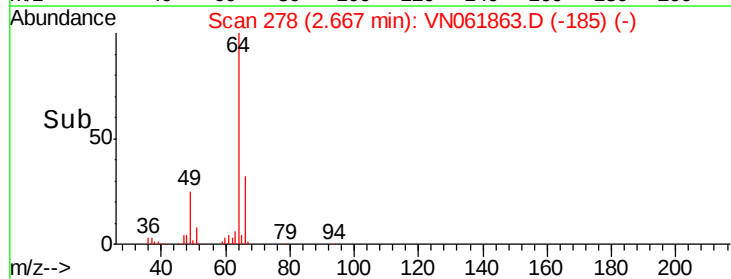
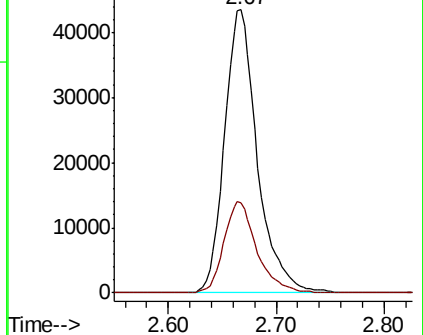
64 100

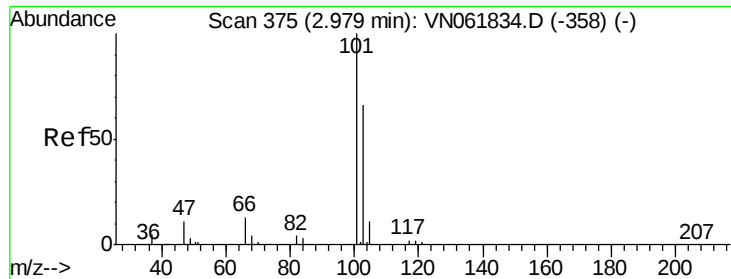
66 31.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061863.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VN061863.D (-185) (-)



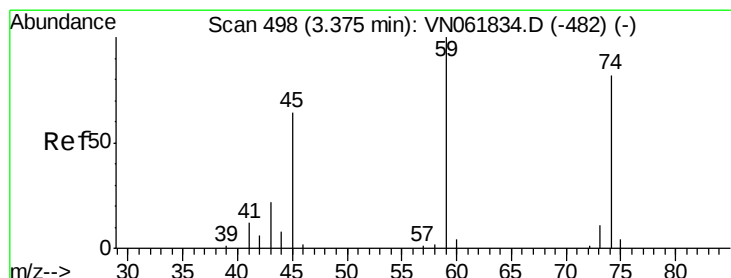
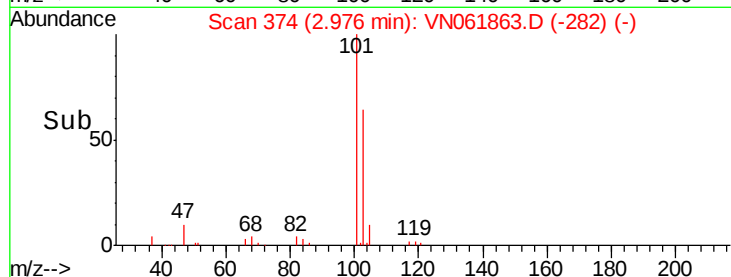
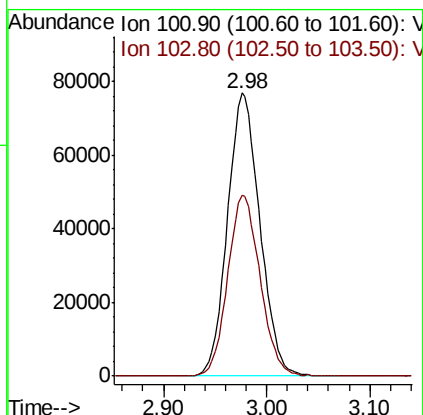
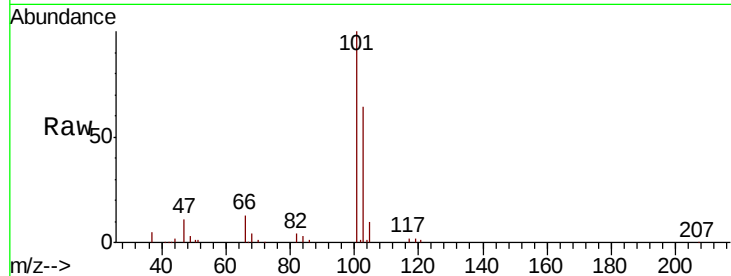


#7

Trichlorofluoromethane
Concen: 50.522 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Instrument :
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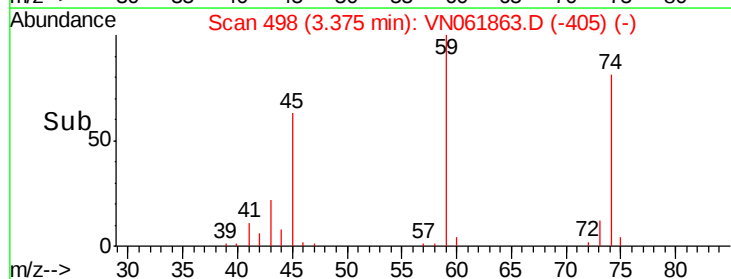
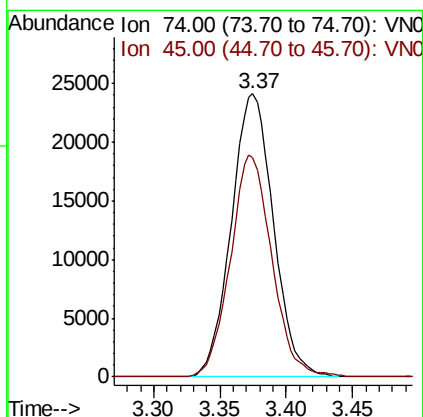
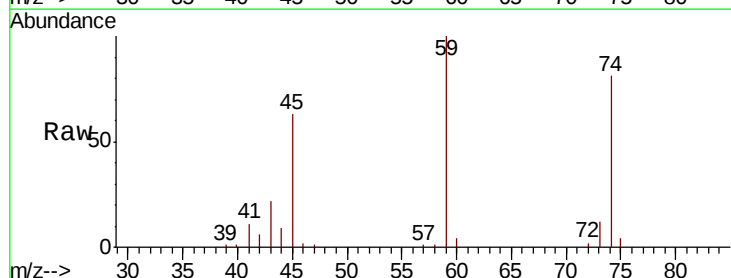
Tot Ion:101 Resp: 168321
Ion Ratio Lower Upper
101 100
103 64.0 52.8 79.2

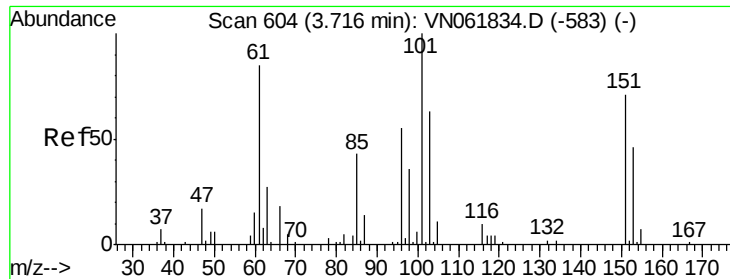


#8

Diethyl Ether
Concen: 47.554 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 74 Resp: 53262
Ion Ratio Lower Upper
74 100
45 77.2 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.527 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

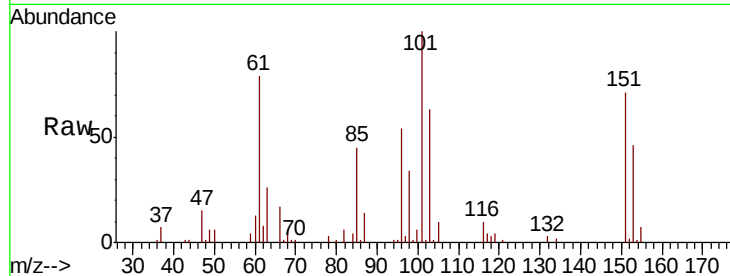
Tot Ion:101 Resp: 81234

Ion Ratio Lower Upper

101 100

85 43.2 35.0 52.6

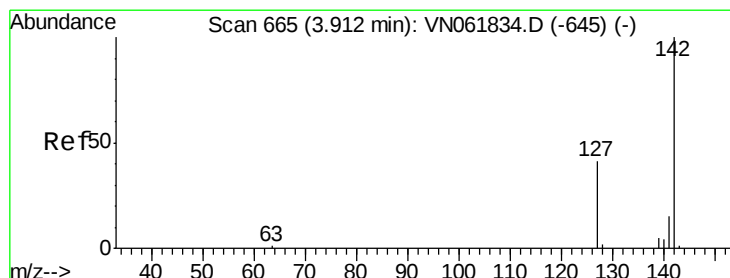
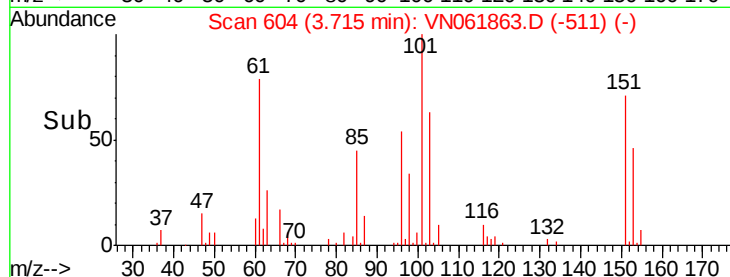
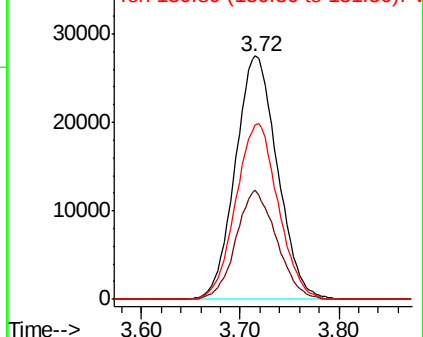
151 72.6 59.2 88.8



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: 46.716 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

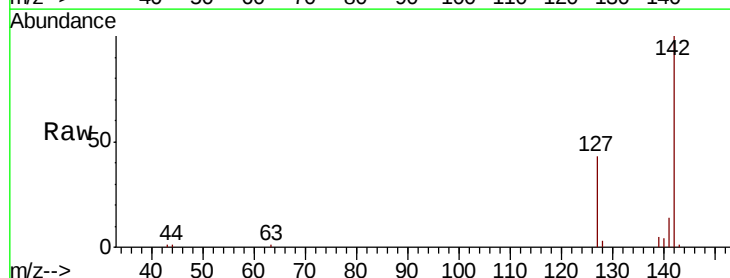
Tgt Ion:142 Resp: 95560

Ion Ratio Lower Upper

142 100

127 42.7 33.4 50.0

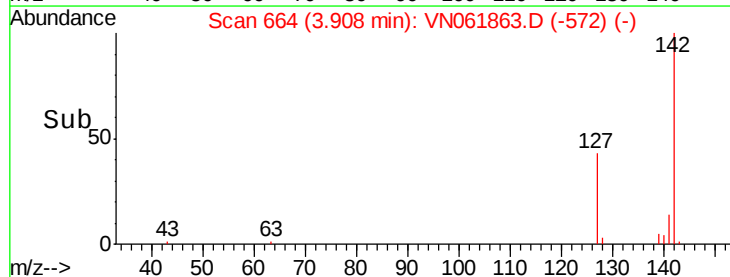
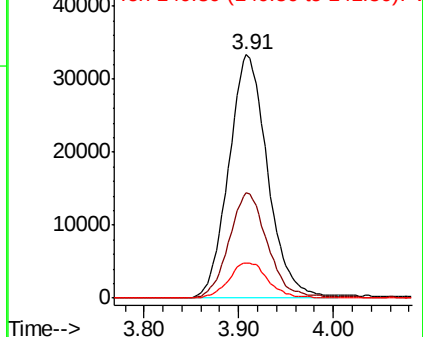
141 14.6 11.3 16.9

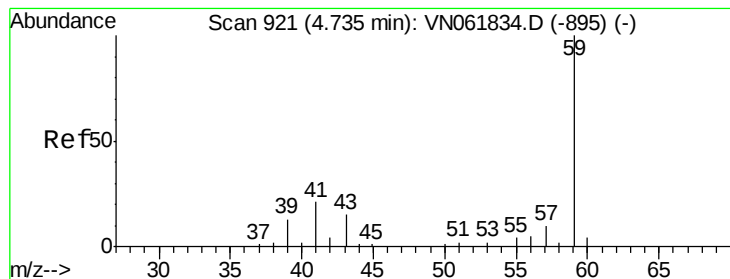


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 210.763 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

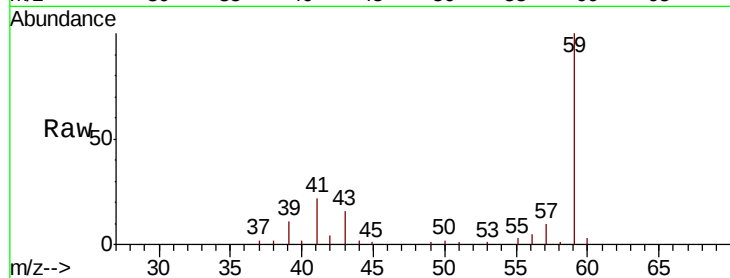
VSTDCCC050EC

Tot Ion: 59 Resp: 65931

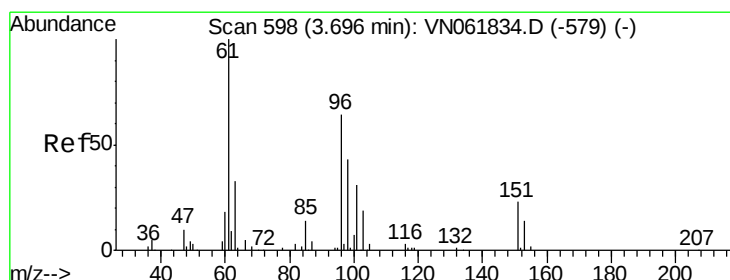
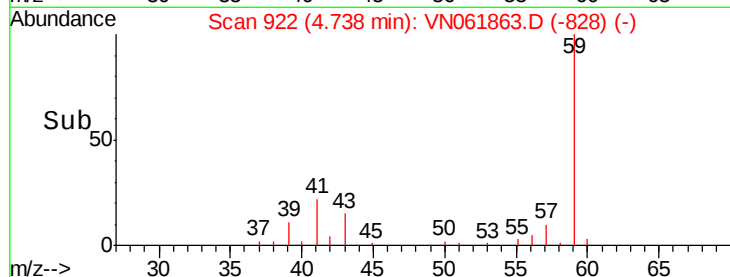
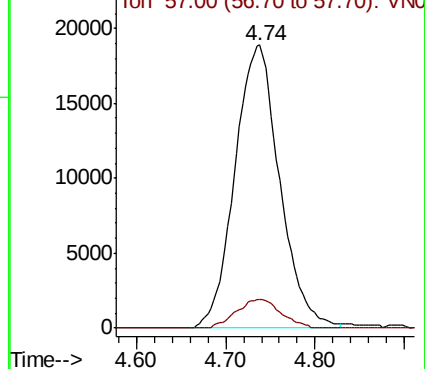
Ion Ratio Lower Upper

59 100

57 10.1 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN061863.D (-895) (-)



#12

1,1-Dichloroethene

Concen: 48.196 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

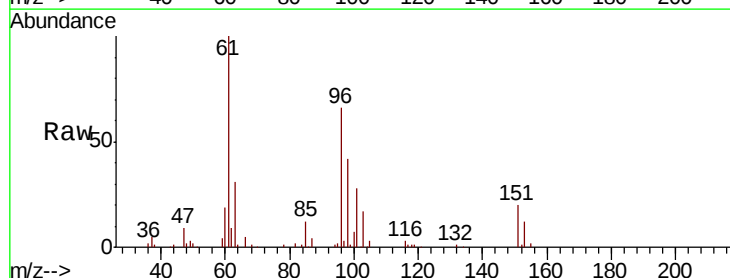
Tgt Ion: 96 Resp: 82541

Ion Ratio Lower Upper

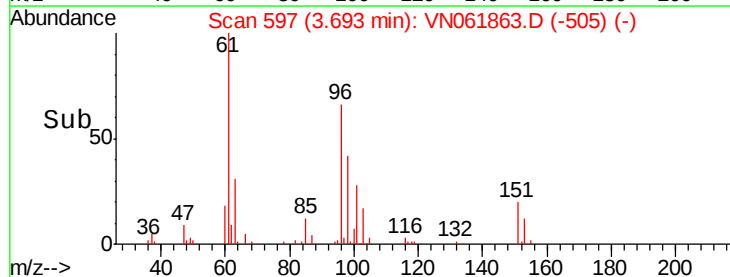
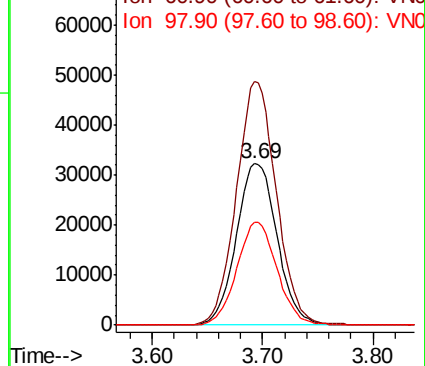
96 100

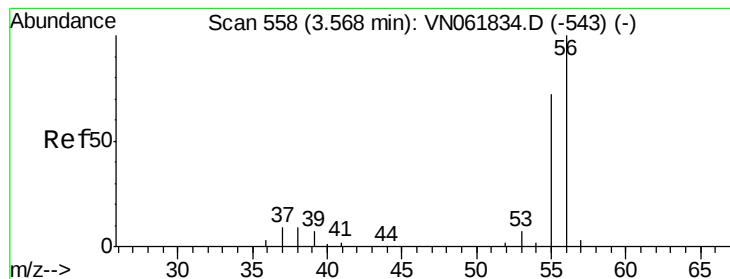
61 151.0 124.3 186.5

98 63.9 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN061863.D (-505) (-)





#13

Acrolein

Concen: 213.179 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

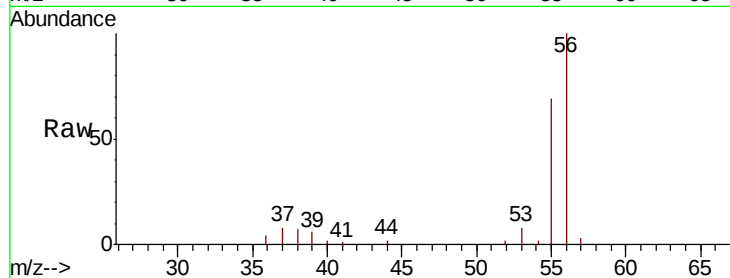
VSTDCCC050EC

Tot Ion: 56 Resp: 39857

Ion Ratio Lower Upper

56 100

55 70.8 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

15000

10000

5000

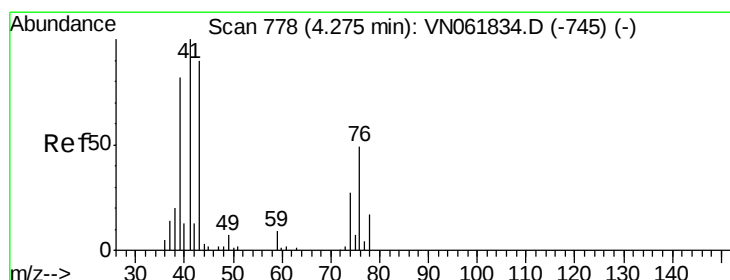
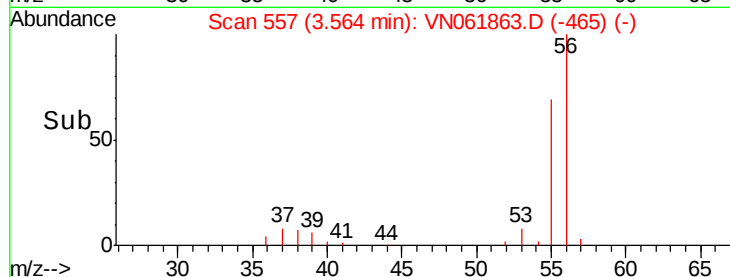
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 45.871 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

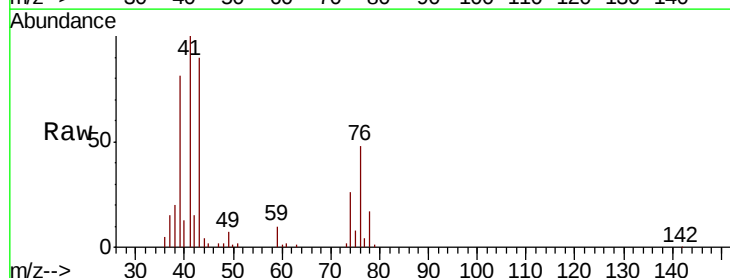
Tgt Ion: 41 Resp: 104266

Ion Ratio Lower Upper

41 100

39 75.8 60.2 90.2

76 45.7 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

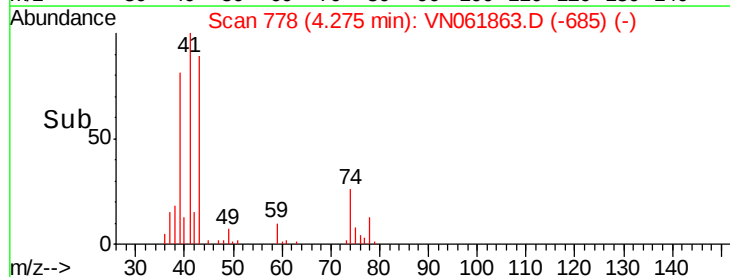
Time-->

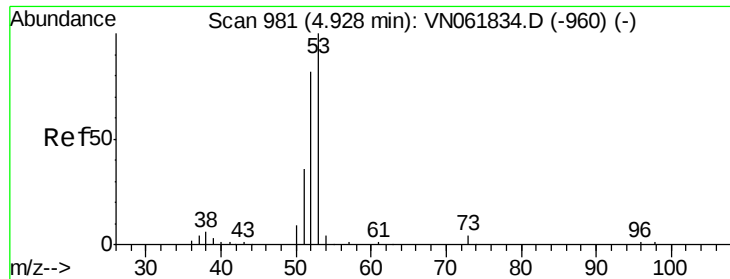
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 238.254 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

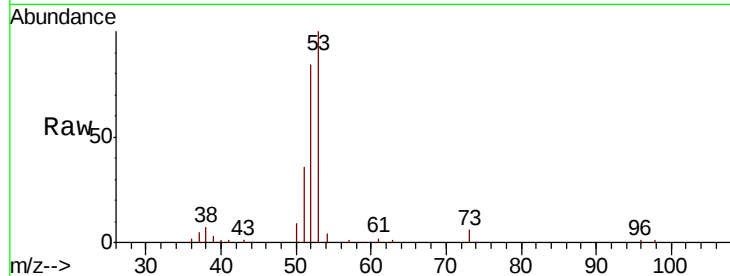
Tot Ion: 53 Resp: 184675

Ion Ratio Lower Upper

53 100

52 81.7 65.2 97.8

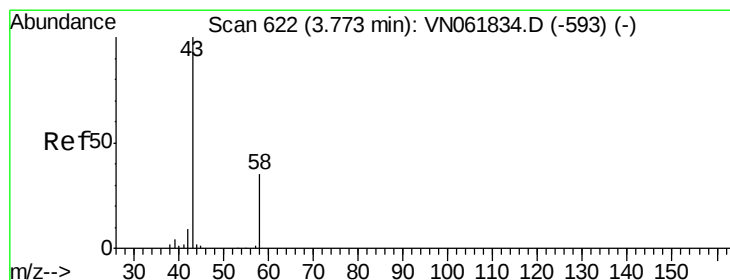
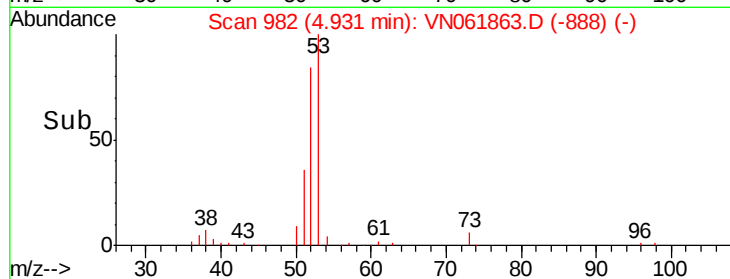
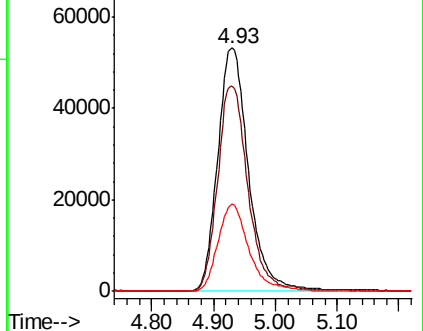
51 36.2 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 215.096 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061863.D

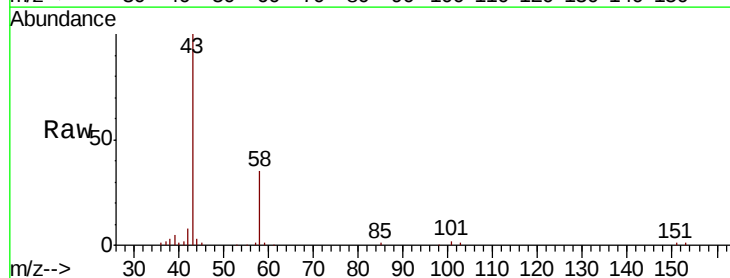
Acq: 17 Jun 2020 21:04

Tgt Ion: 43 Resp: 143628

Ion Ratio Lower Upper

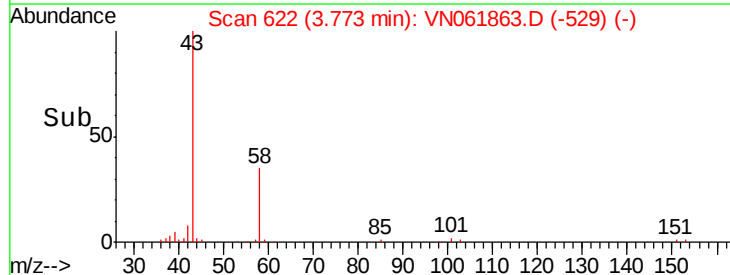
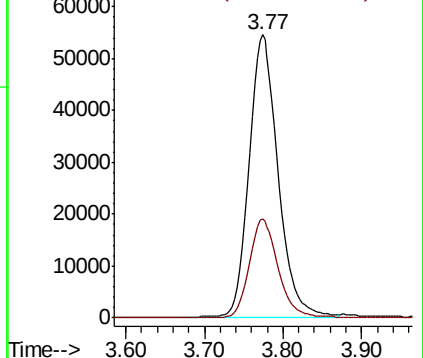
43 100

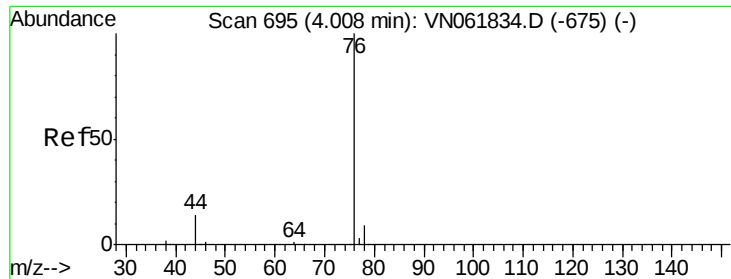
58 35.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

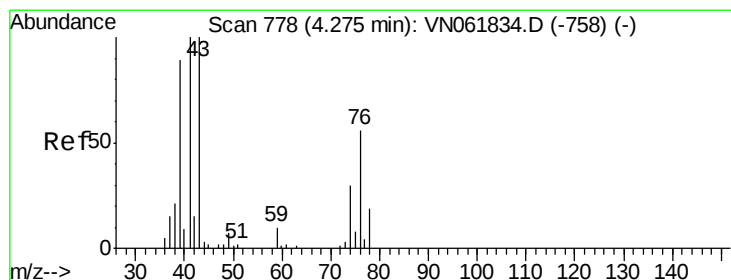
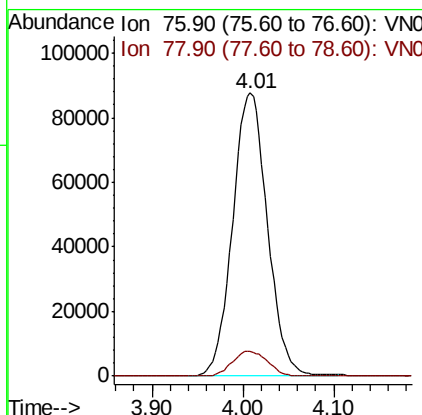
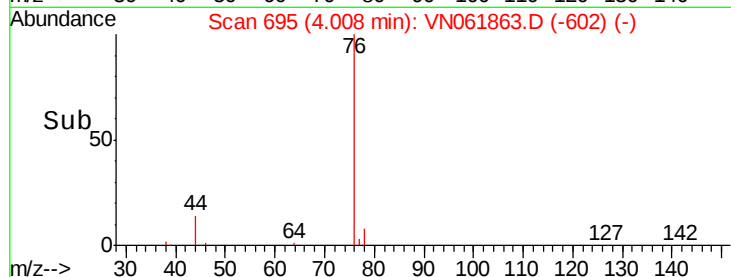
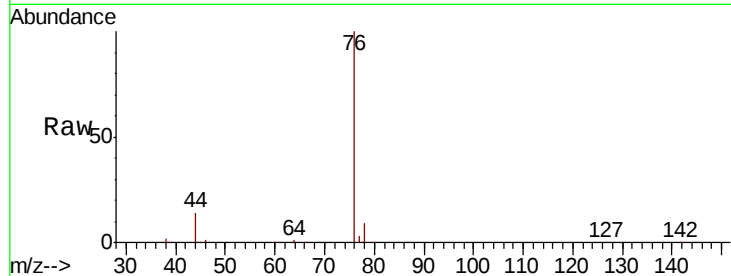




#17
Carbon Disulfide
Concen: 46.498 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

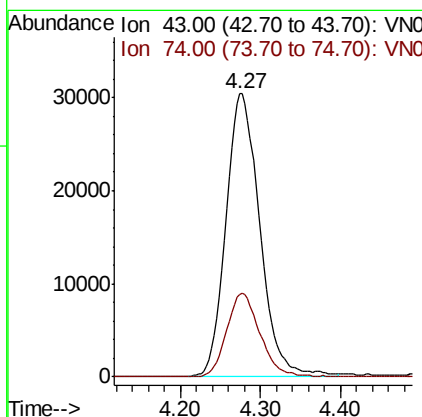
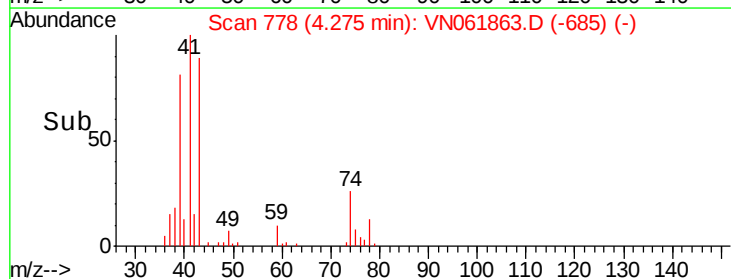
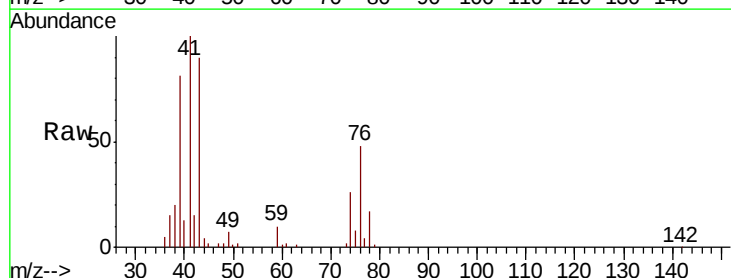
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

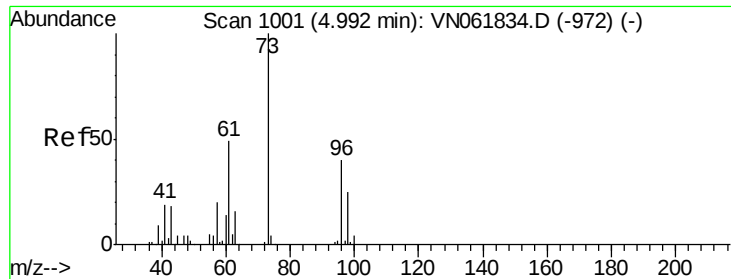
Tot Ion: 76 Resp: 233007
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 45.755 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 43 Resp: 87962
Ion Ratio Lower Upper
43 100
74 28.8 23.0 34.4

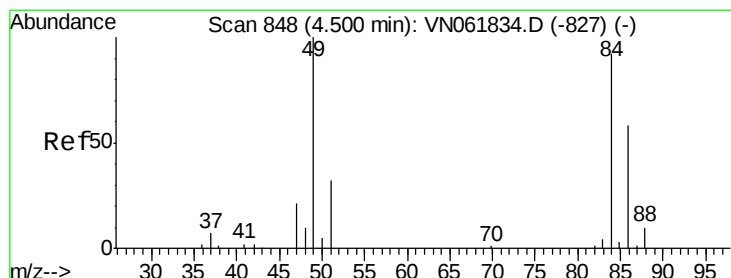
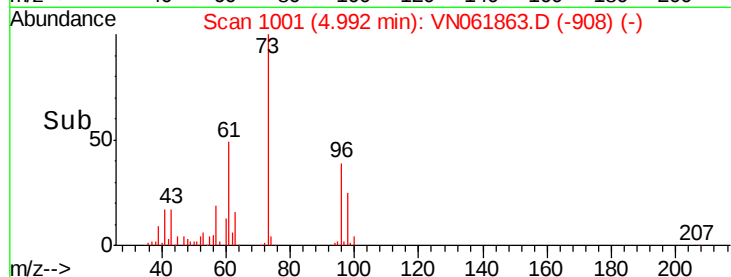
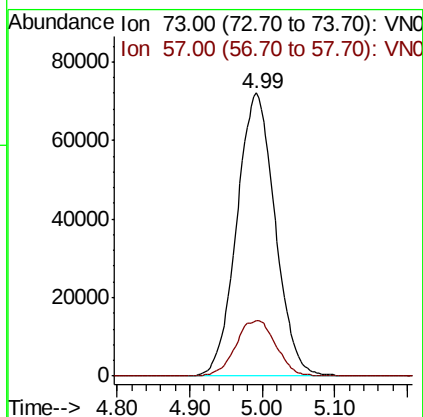
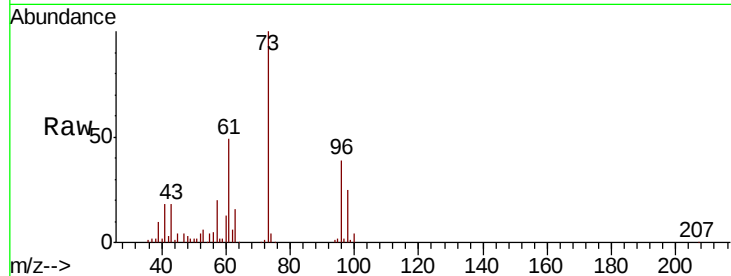




#19
Methvl tert-butvl Ether
Concen: 46.430 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

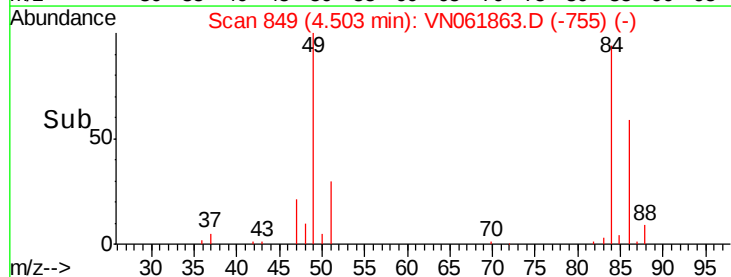
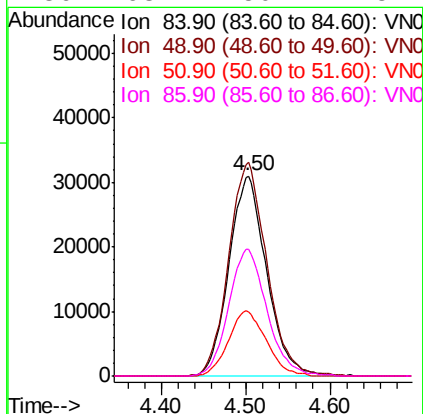
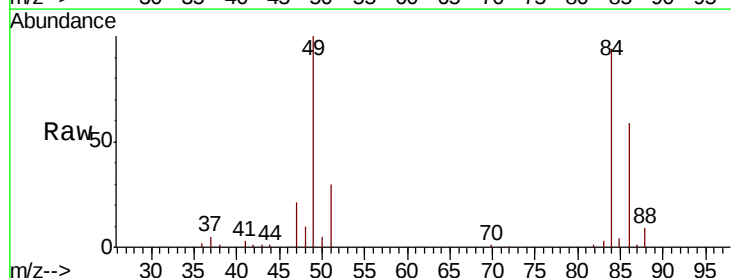
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

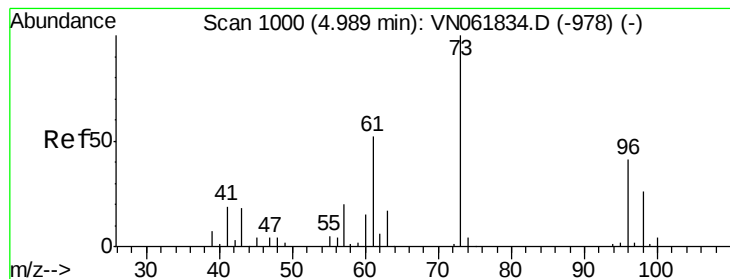
Tot Ion: 73 Resp: 264758
Ion Ratio Lower Upper
73 100
57 19.8 16.2 24.4



#20
Methylene Chloride
Concen: 44.226 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 84 Resp: 96214
Ion Ratio Lower Upper
84 100
49 106.7 87.0 130.4
51 32.0 27.8 41.6
86 63.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 46.188 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

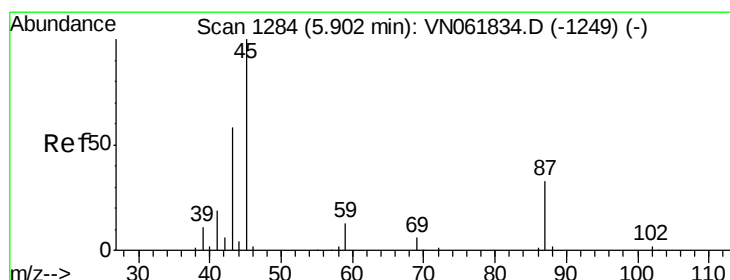
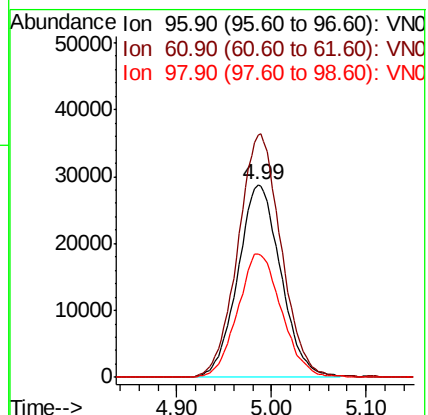
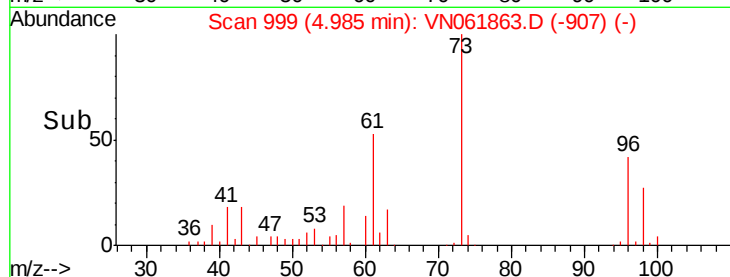
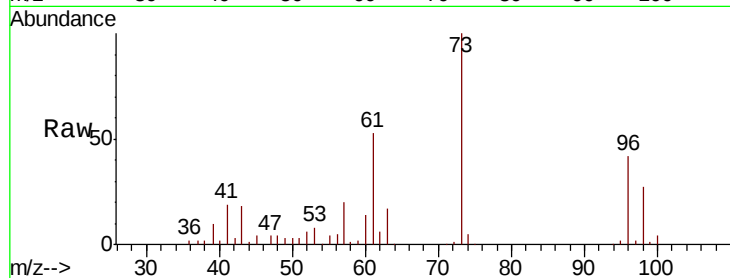
Tot Ion: 96 Resp: 90859

Ion Ratio Lower Upper

96 100

61 126.1 102.2 153.4

98 64.2 51.2 76.8



#22

Diisopropyl ether

Concen: 44.872 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Tgt Ion: 45 Resp: 233268

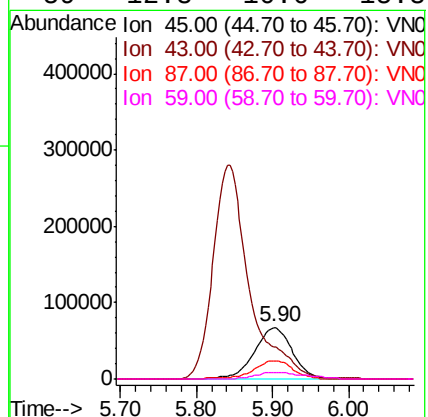
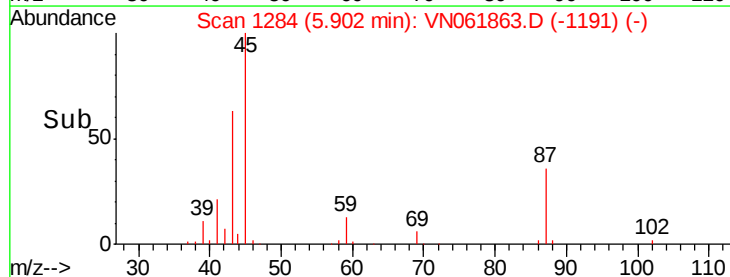
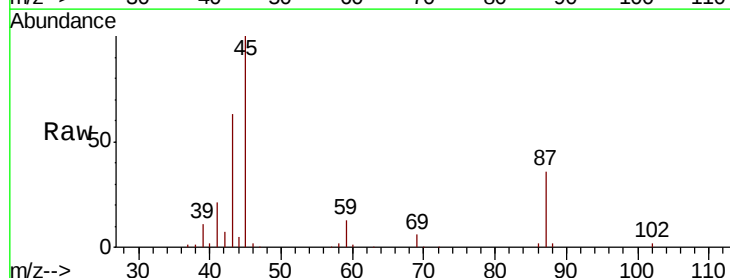
Ion Ratio Lower Upper

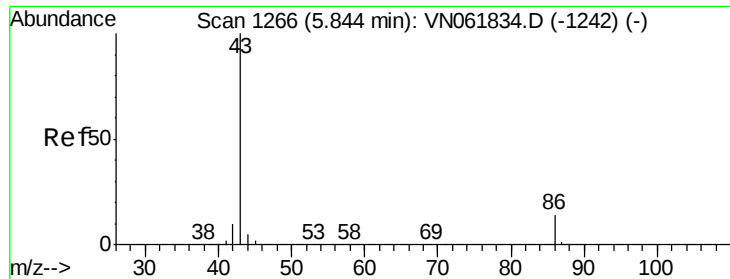
45 100

43 61.4 49.4 74.2

87 35.9 27.4 41.0

59 12.8 10.6 15.8

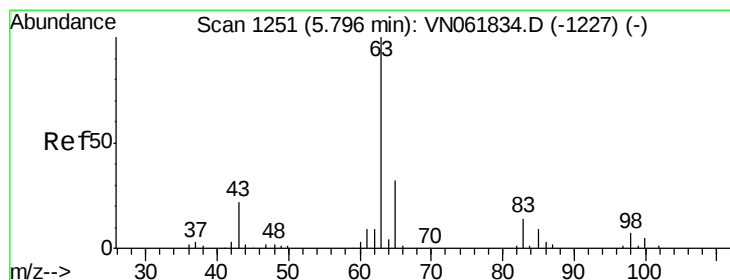
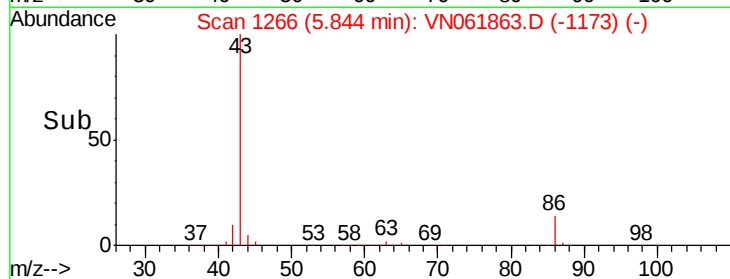
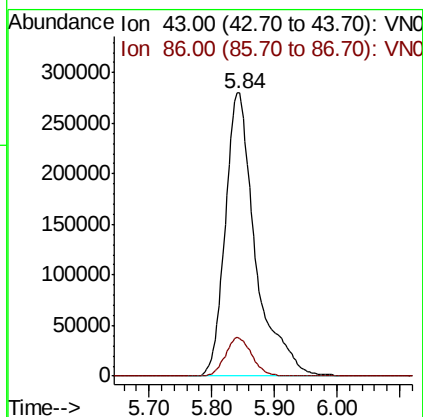
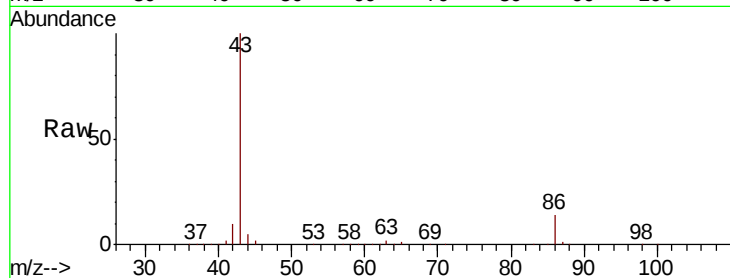




#23
 Vinyl Acetate
 Concen: 229.006 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

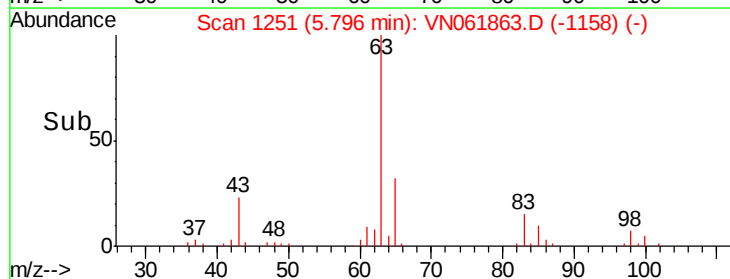
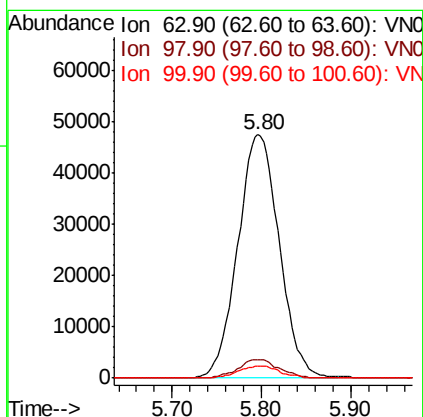
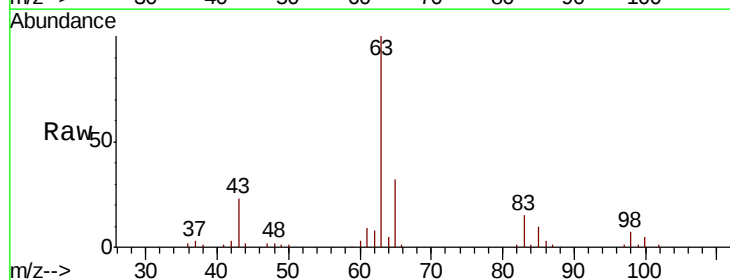
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

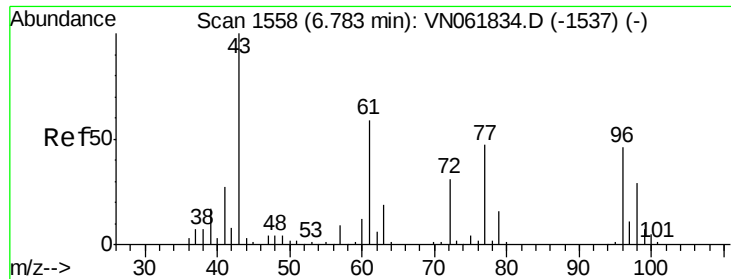
Tot Ion: 43 Resp: 936326
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 45.076 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion: 63 Resp: 153394
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.0 2.5 7.4

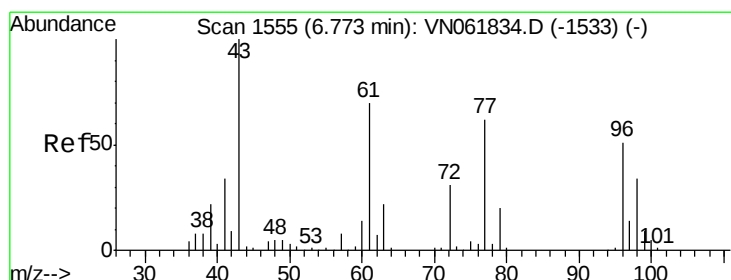
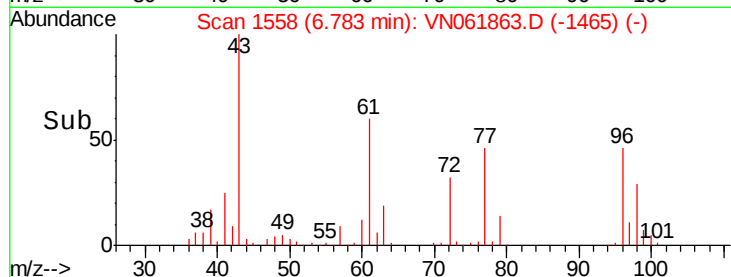
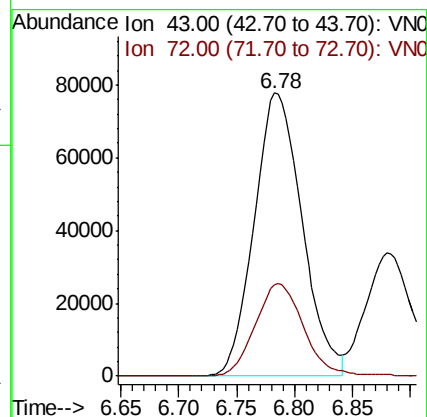
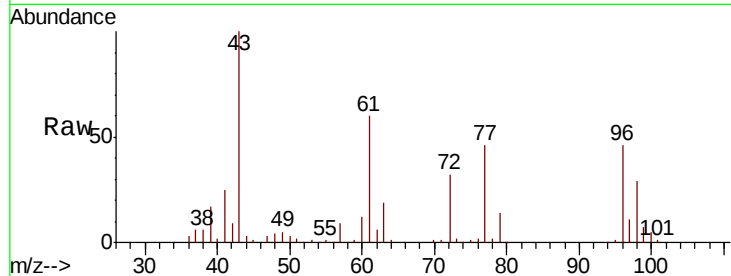




#25
2-Butanone
Concen: 230.170 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

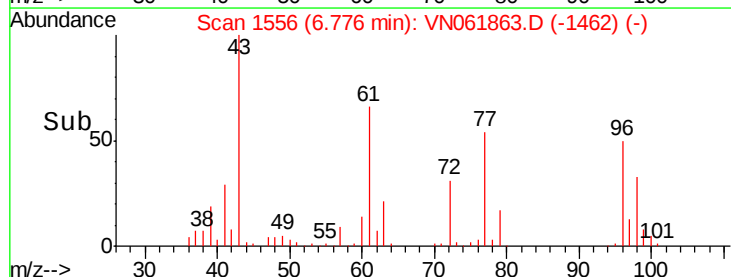
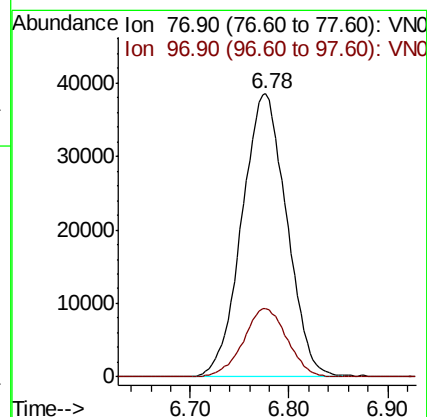
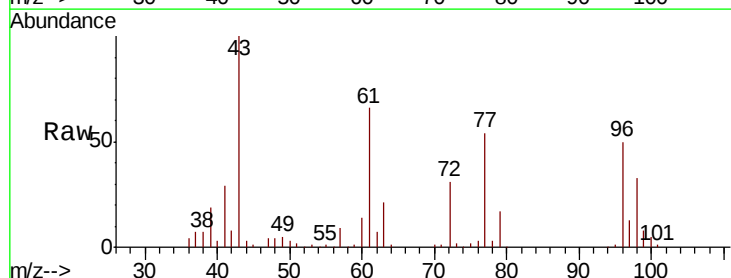
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

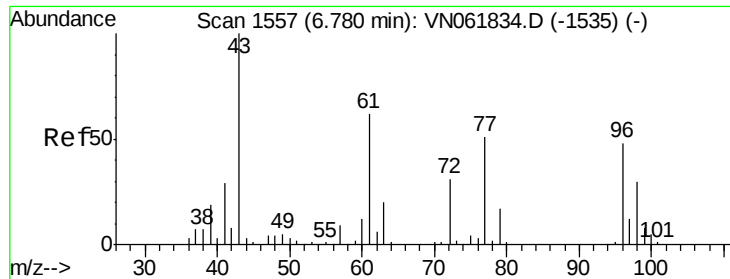
Tot Ion: 43 Resp: 224239
Ion Ratio Lower Upper
43 100
72 32.3 24.6 37.0



#26
2,2-Dichloropropane
Concen: 42.259 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 77 Resp: 120991
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.683 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

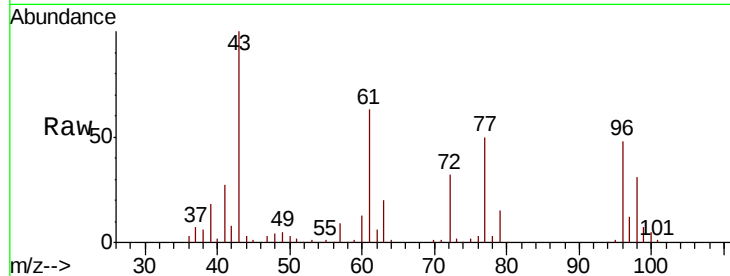
Tot Ion: 96 Resp: 105961

Ion Ratio Lower Upper

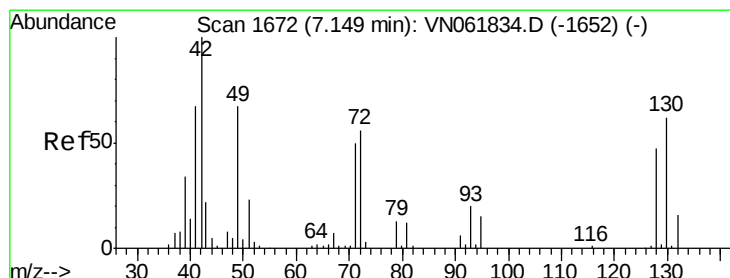
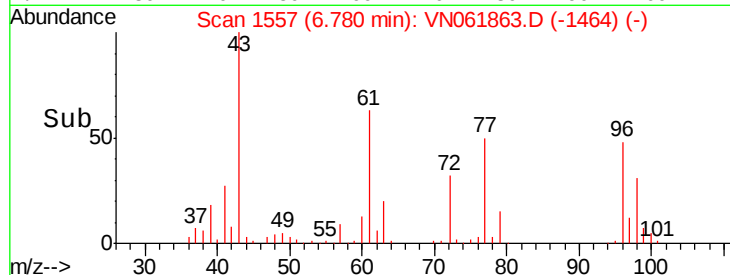
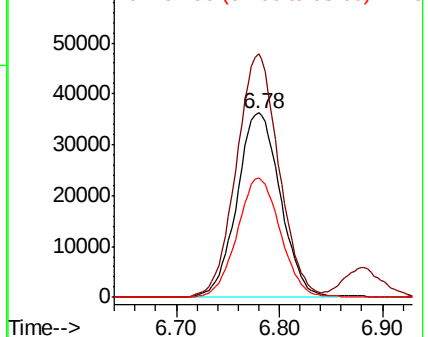
96 100

61 129.3 0.0 265.6

98 64.6 0.0 128.2



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



#28

Bromochloromethane

Concen: 49.823 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

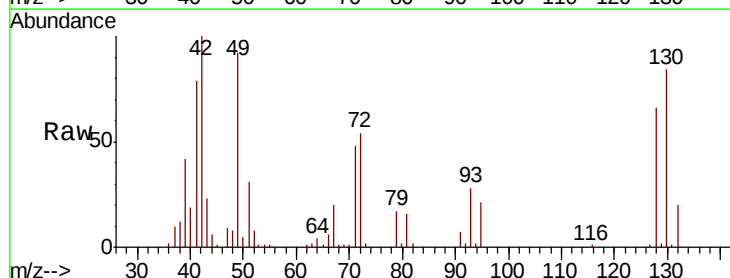
Tgt Ion: 49 Resp: 75492

Ion Ratio Lower Upper

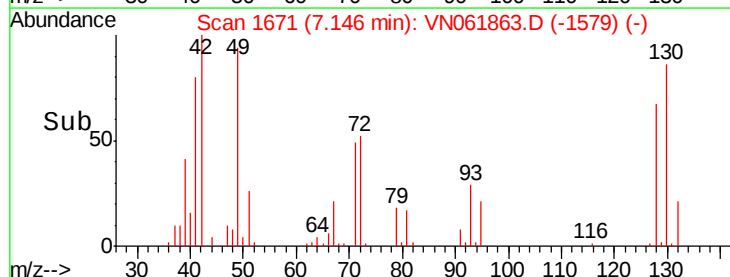
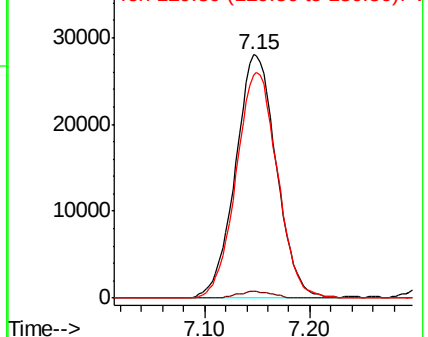
49 100

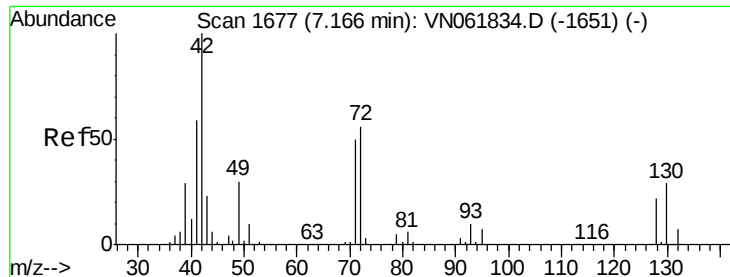
129 2.3 0.0 4.0

130 93.4 72.2 108.2



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

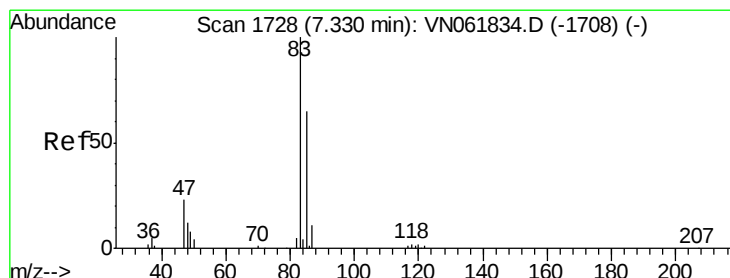
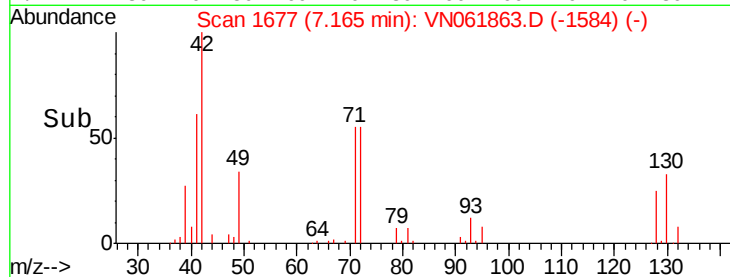
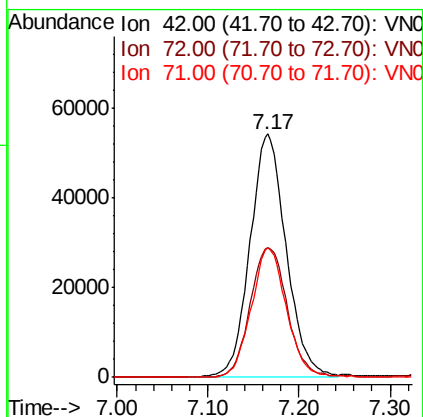
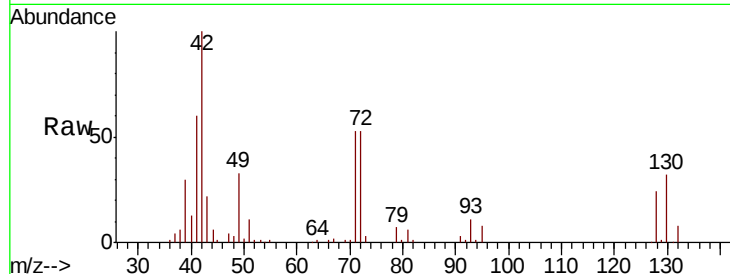




#29
Tetrahydrofuran
Concen: 234.165 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

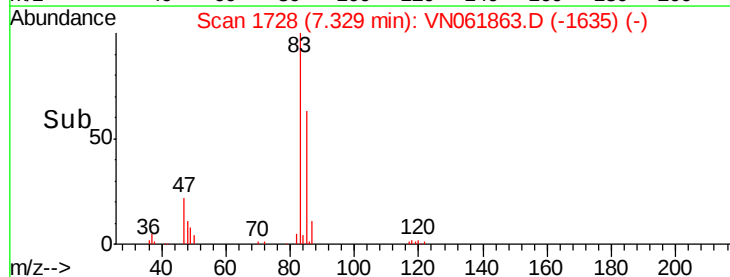
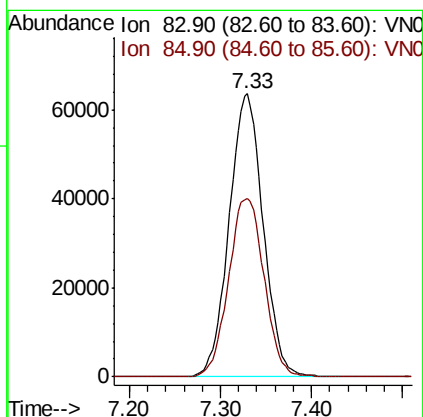
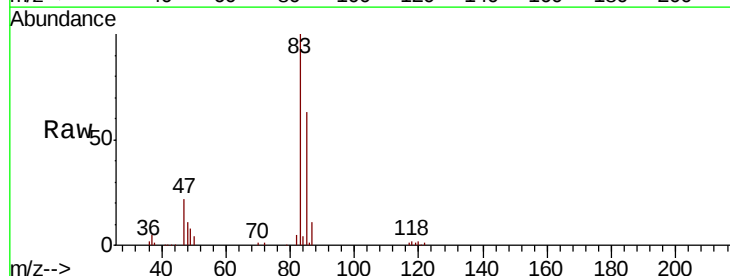
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

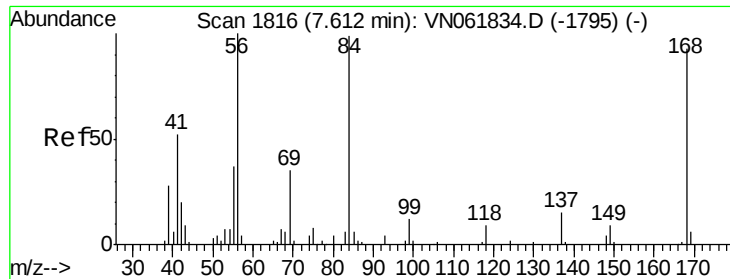
Tot Ion	Ratio	Lower	Upper
42	100		
72	54.9	44.0	66.0
71	51.7	40.0	60.0



#30
Chloroform
Concen: 45.414 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.0	78.0

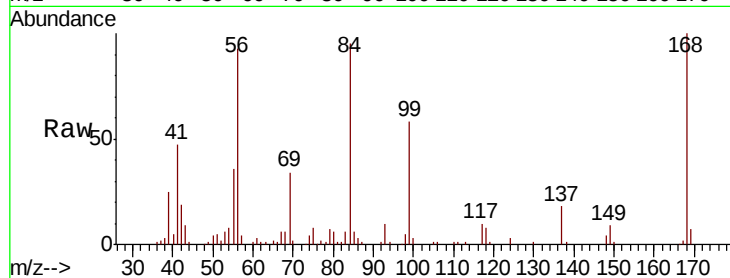




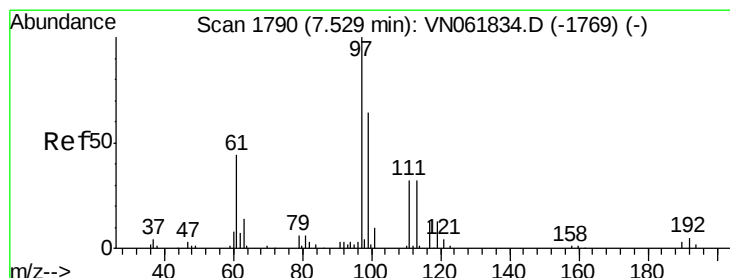
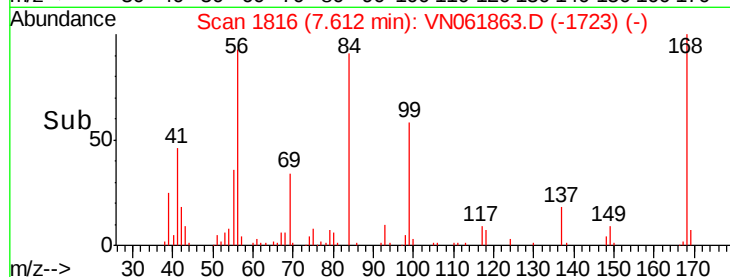
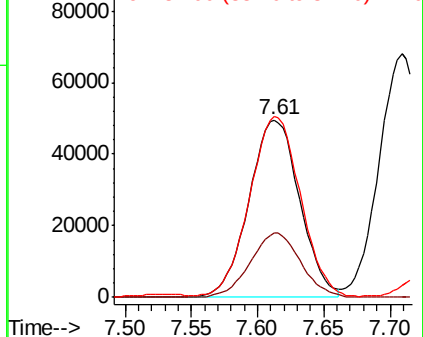
#31
Cyclohexane
Concen: 44.471 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 132482
Ion Ratio Lower Upper
56 100
69 36.4 27.7 41.5
84 101.0 79.1 118.7

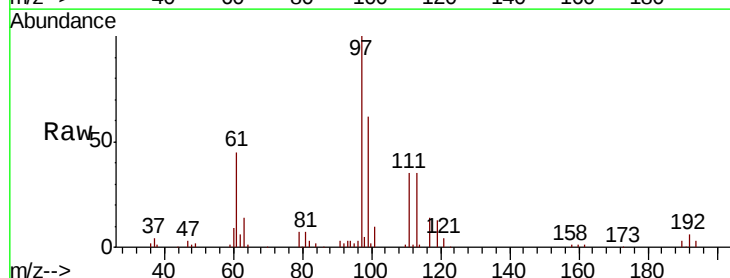


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

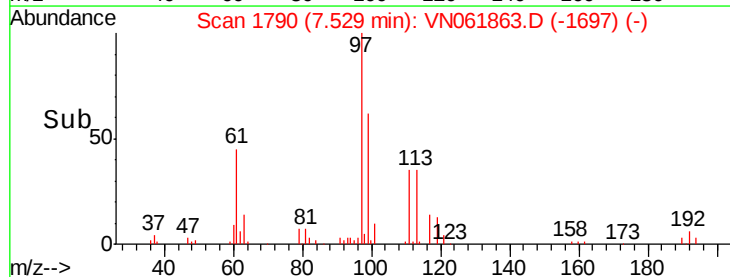
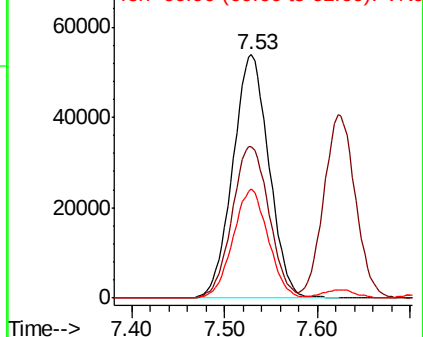


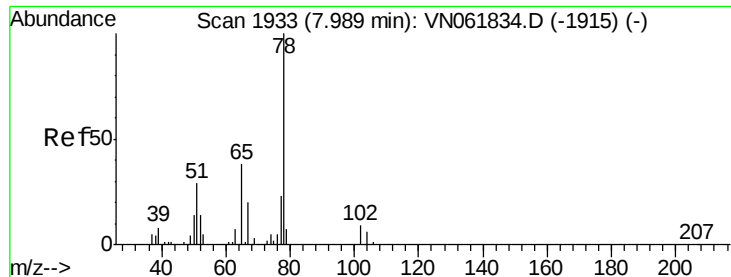
#32
1,1,1-Trichloroethane
Concen: 47.029 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 97 Resp: 145665
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 43.6 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: 48.276 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

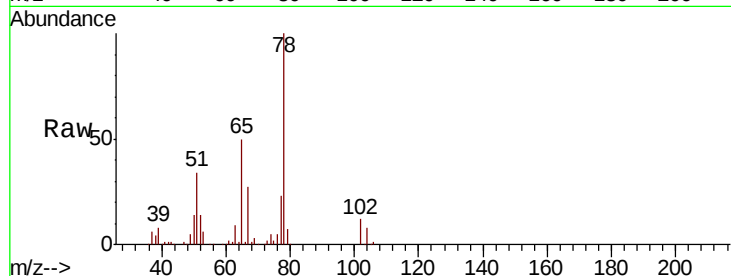
VSTDCCC050EC

Tot Ion: 65 Resp: 109132

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061863.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061863.D (-1840) (-)

7.99

50000

40000

30000

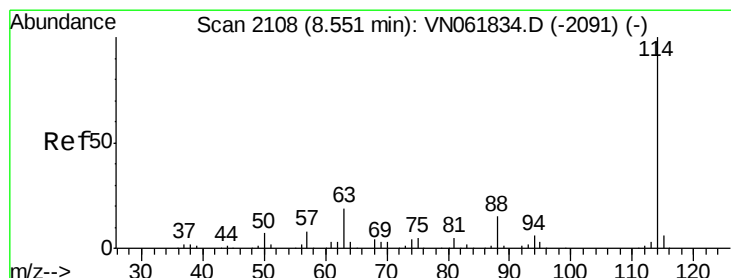
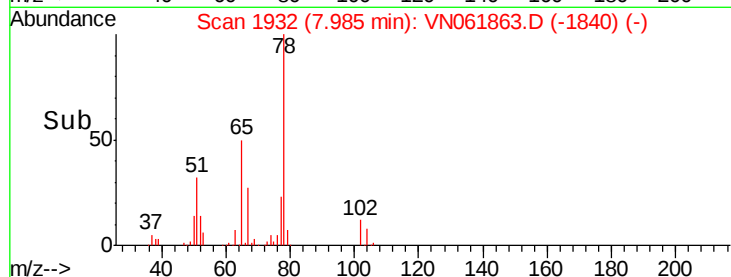
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

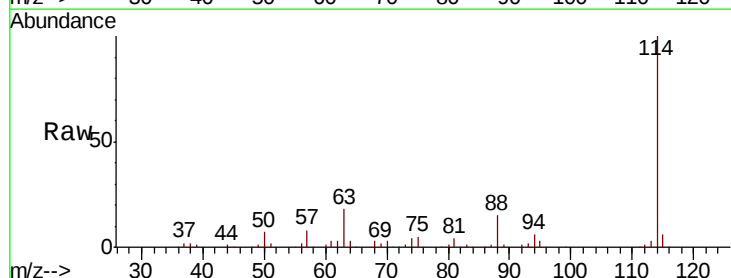
Tgt Ion: 114 Resp: 290420

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.6

88 14.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061863.D (-2151) (-)

Ion 63.00 (62.70 to 63.70): VN061863.D (-2151) (-)

Ion 87.90 (87.60 to 88.60): VN061863.D (-2151) (-)

8.55

150000

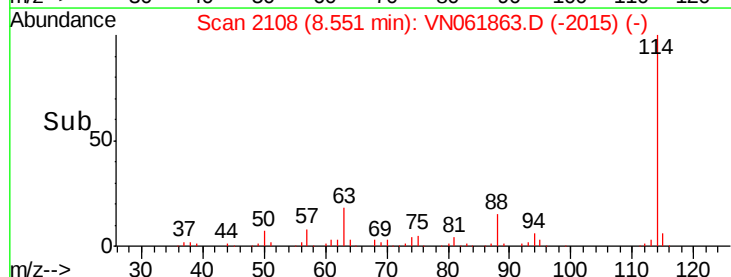
100000

50000

0

8.50 8.55 8.60

Time-->

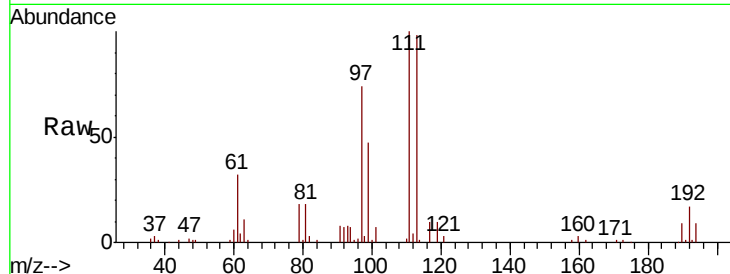




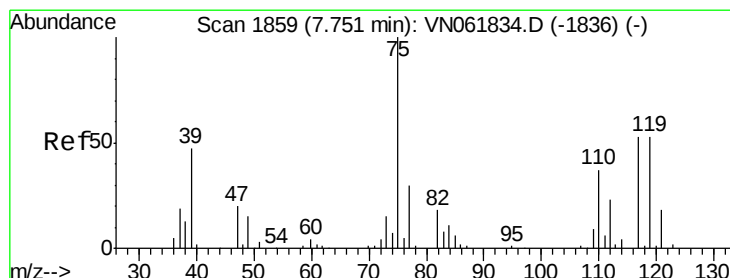
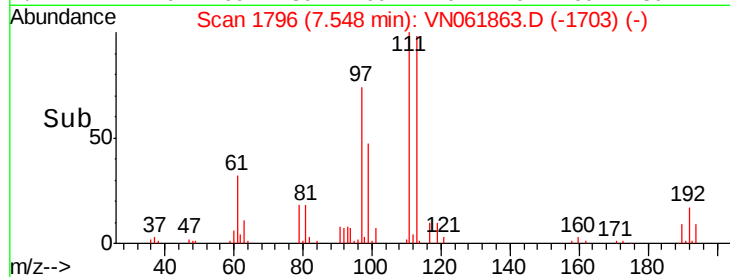
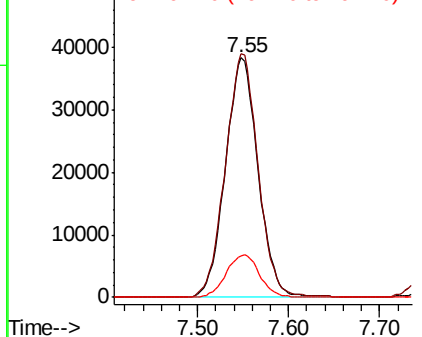
#35
 Dibromofluoromethane
 Concen: 51.330 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 95369
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.7 125.5
 192 18.0 13.9 20.9

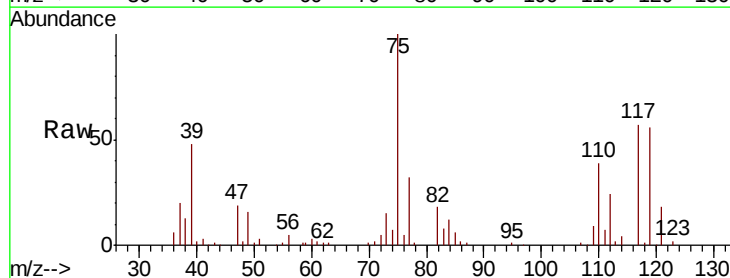


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

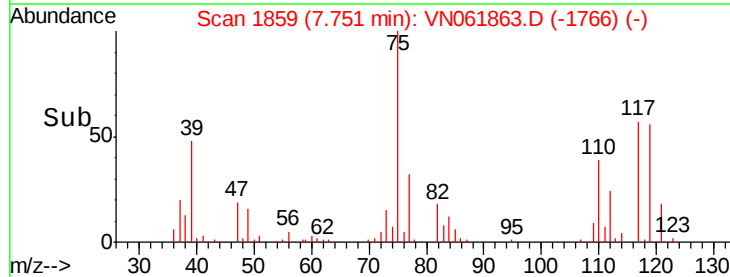
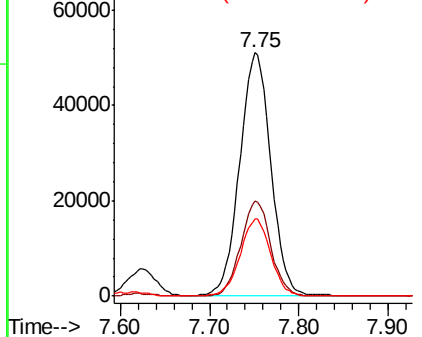


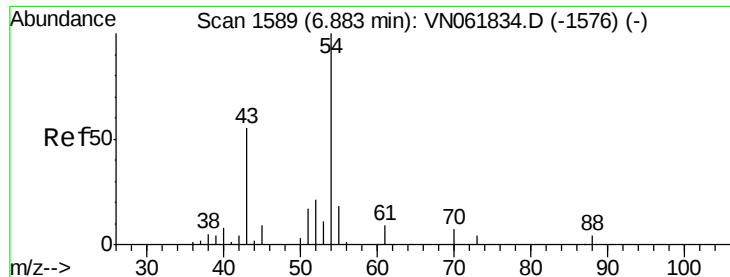
#36
 1,1-Dichloropropene
 Concen: 46.888 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion: 75 Resp: 124205
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.2 54.6
 77 31.0 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

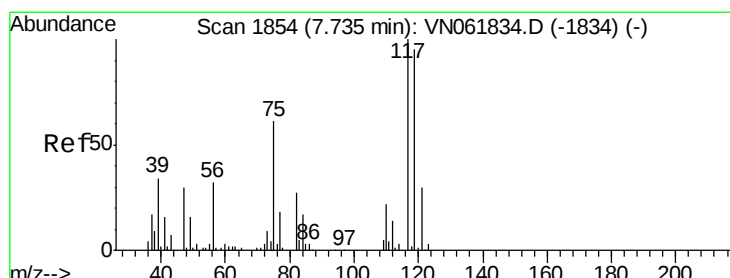
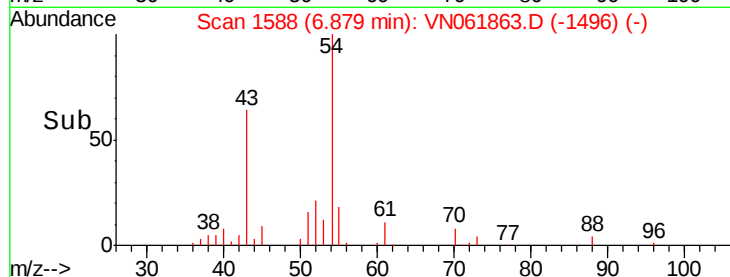
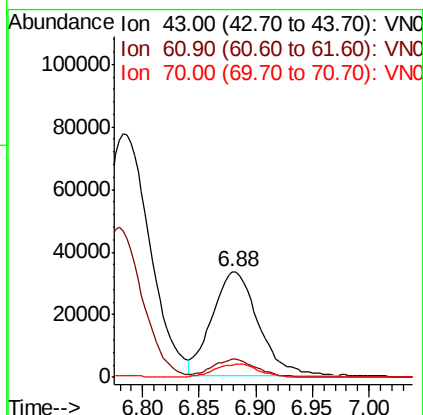
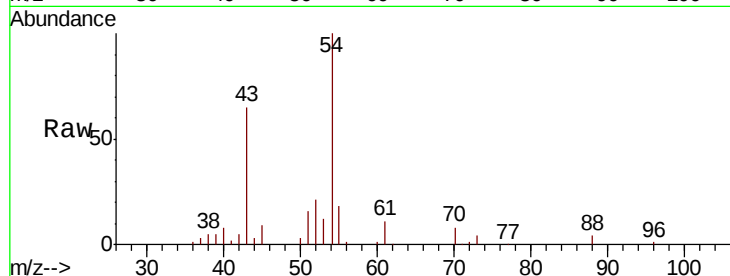




#37
Ethyl Acetate
Concen: 45.776 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

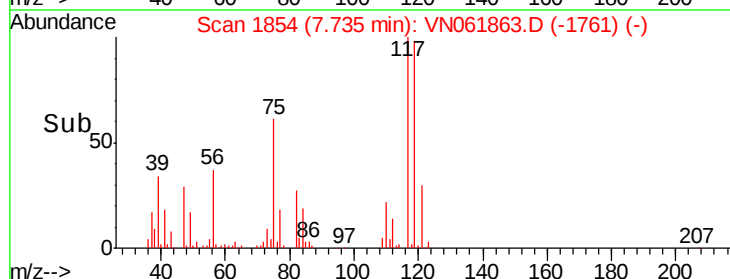
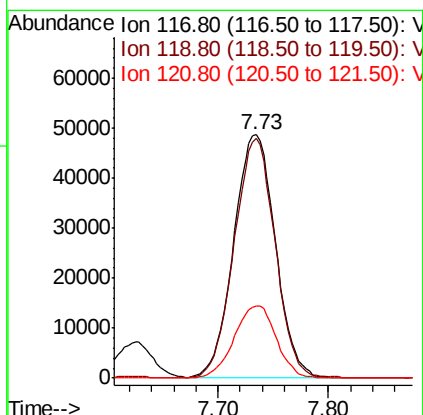
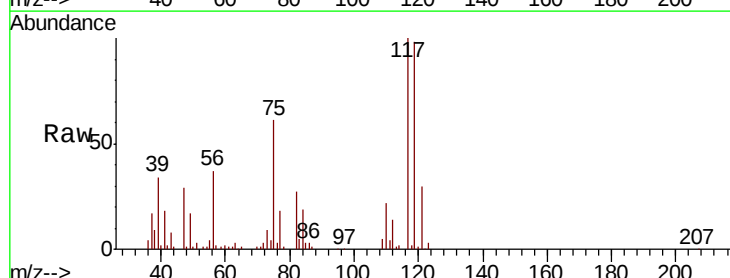
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 94690
Ion Ratio Lower Upper
43 100
61 16.9 13.0 19.4
70 12.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 48.723 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 117 Resp: 127810
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 29.8 23.8 35.6

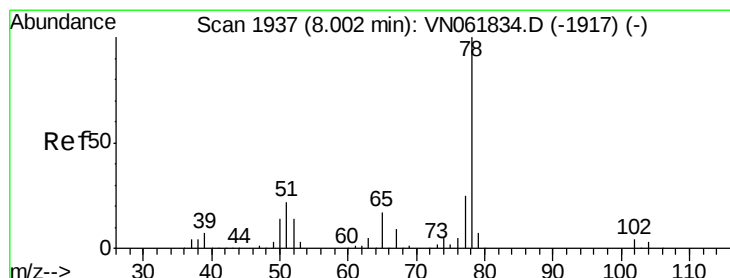
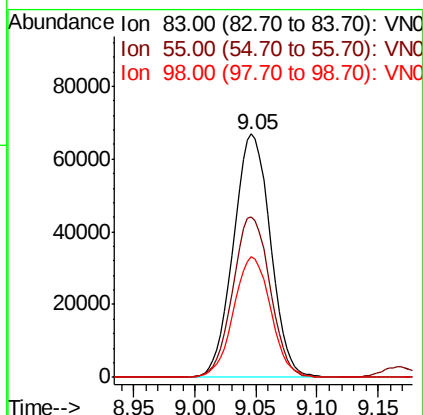
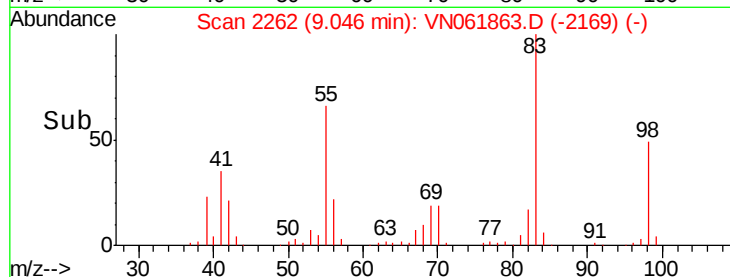
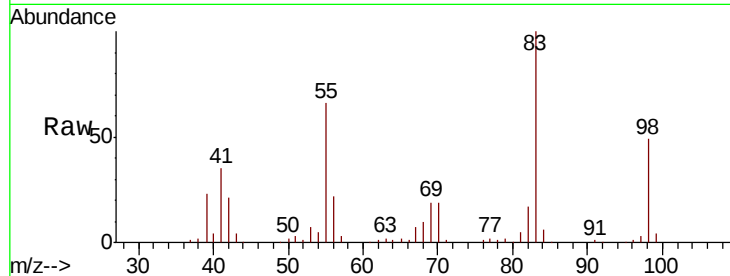




#39
Methvlcvclohexane
Concen: 49.389 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

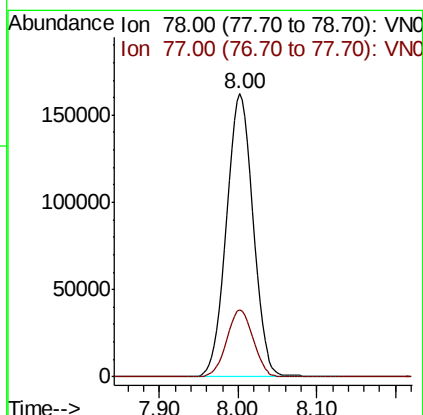
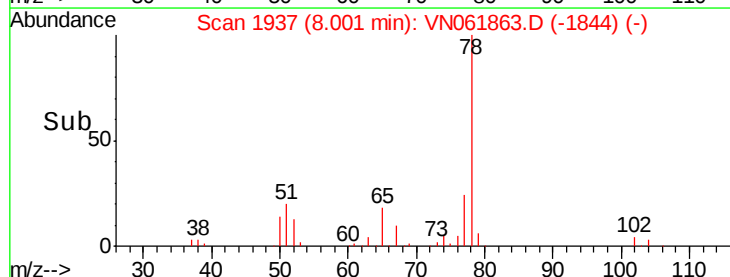
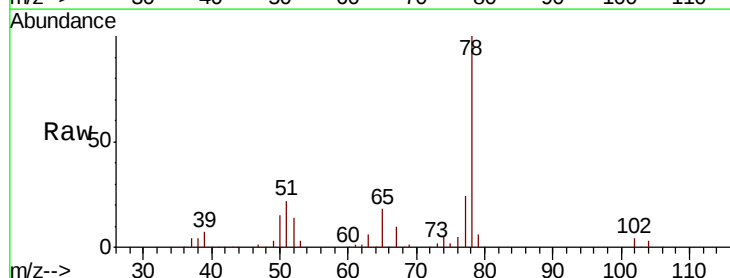
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

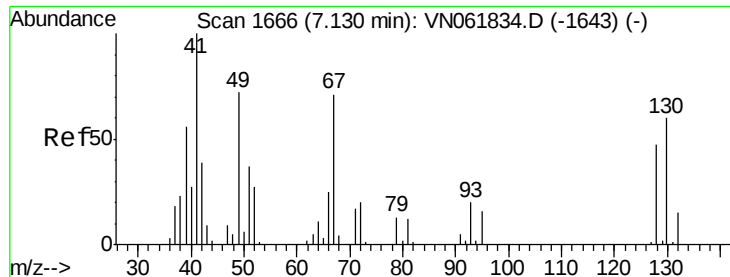
Tot Ion: 83 Resp: 140875
Ion Ratio Lower Upper
83 100
55 66.1 54.2 81.4
98 49.4 39.8 59.6



#40
Benzene
Concen: 47.362 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 78 Resp: 380044
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5

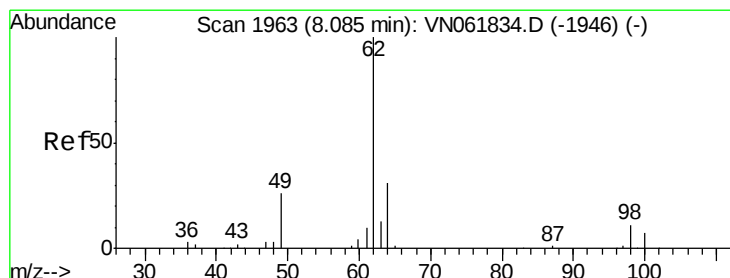
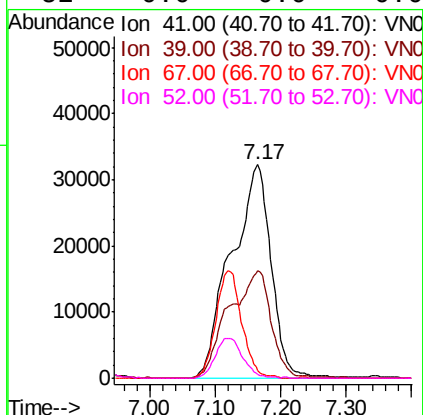
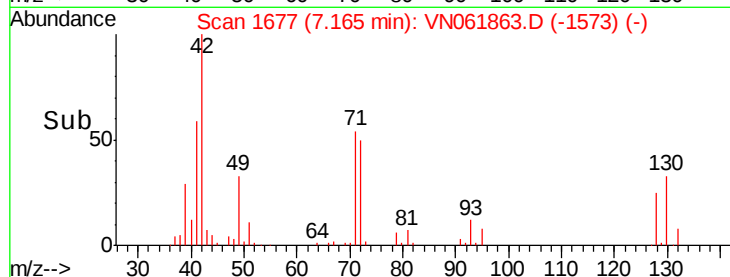
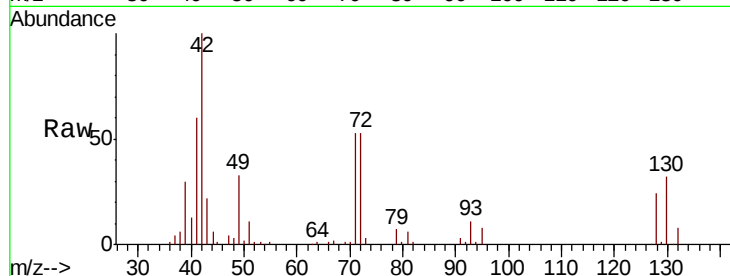




#41
Methacrylonitrile
Concen: 154.867 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

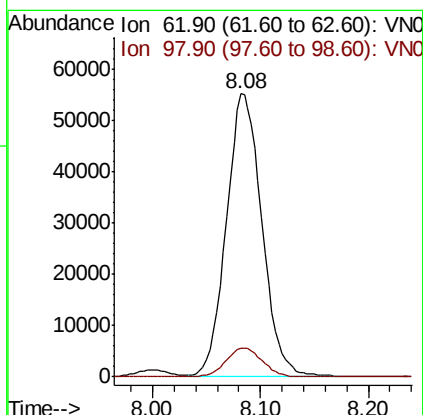
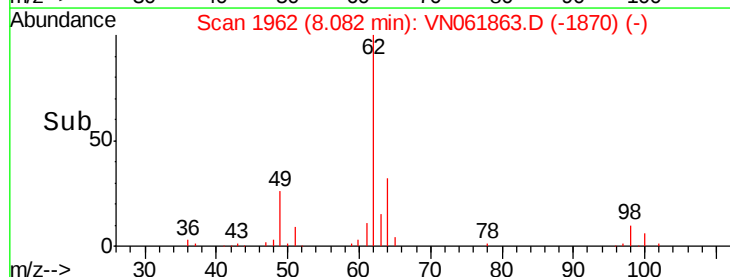
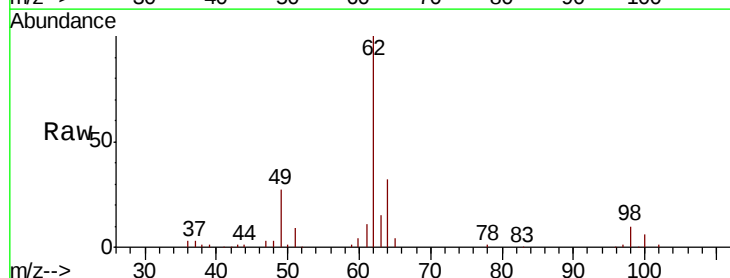
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

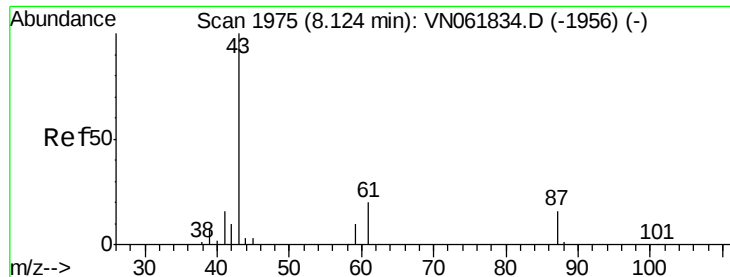
Tot Ion:	41	Resp:	136988
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 46.434 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:	62	Resp:	127047
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 47.262 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

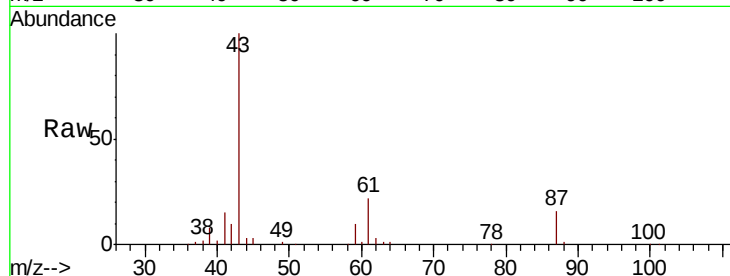
Tot Ion: 43 Resp: 164758

Ion Ratio Lower Upper

43 100

61 30.3 24.0 36.0

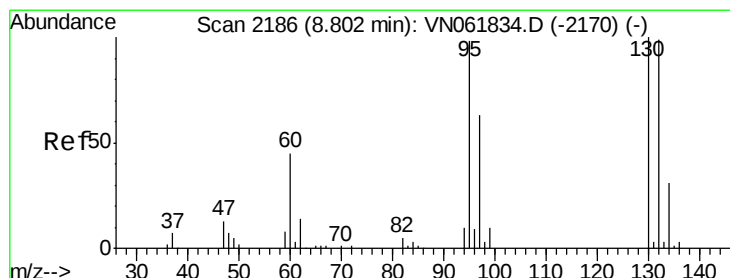
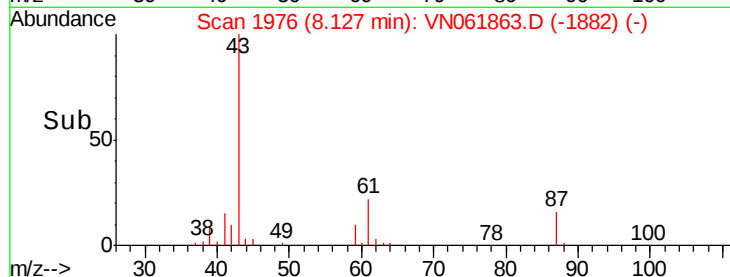
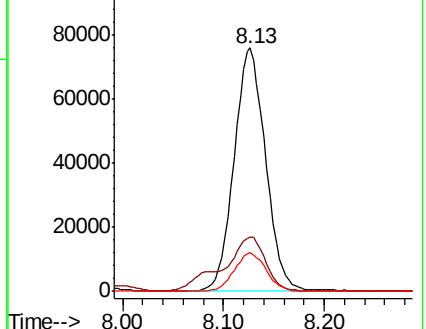
87 15.9 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VN061863.D (-1976) (-)

Ion 61.00 (60.70 to 61.70): VN061863.D (-1976) (-)

Ion 87.00 (86.70 to 87.70): VN061863.D (-1976) (-)



#44

Trichloroethene

Concen: 48.075 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061863.D

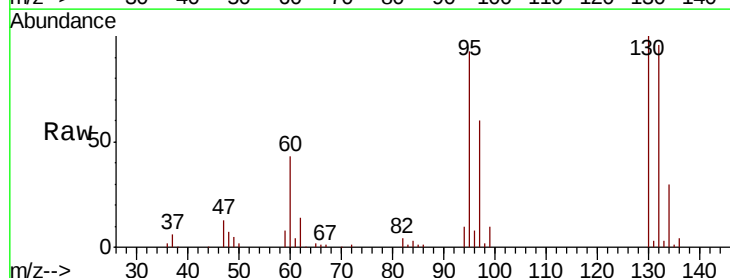
Acq: 17 Jun 2020 21:04

Tgt Ion:130 Resp: 101525

Ion Ratio Lower Upper

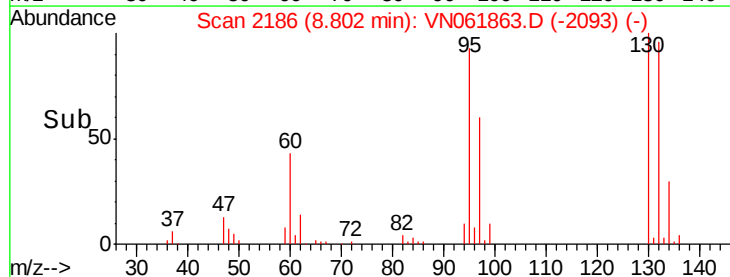
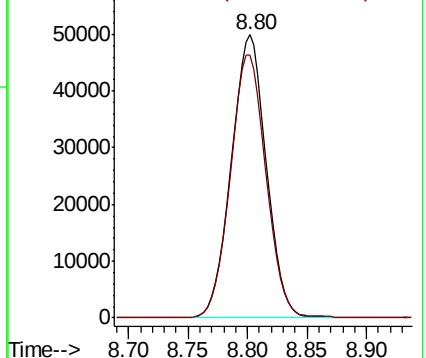
130 100

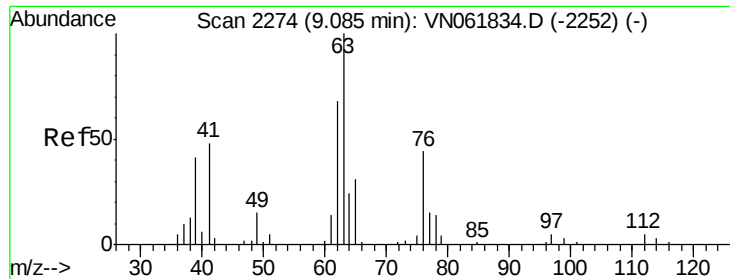
95 93.0 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061863.D (-2186) (-)

Ion 94.90 (94.60 to 95.60): VN061863.D (-2186) (-)





#45

1,2-Dichloropropane

Concen: 47.092 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

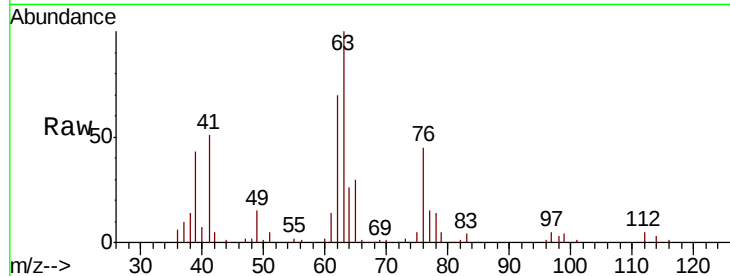
VSTDCCC050EC

Tot Ion: 63 Resp: 92865

Ion Ratio Lower Upper

63 100

65 29.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061863.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN061863.D (-2181) (-)

9.09

40000

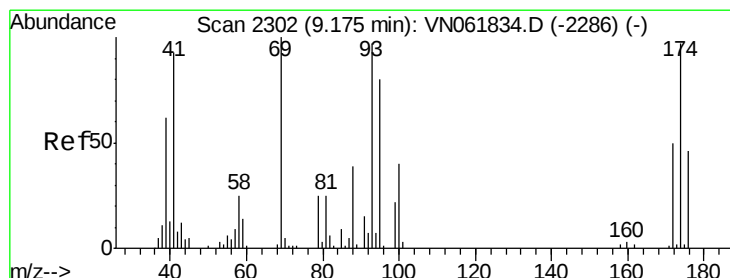
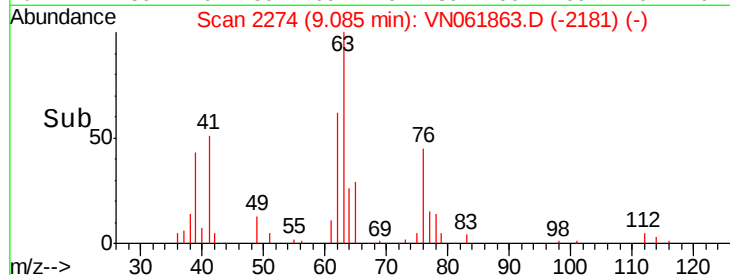
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 48.824 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

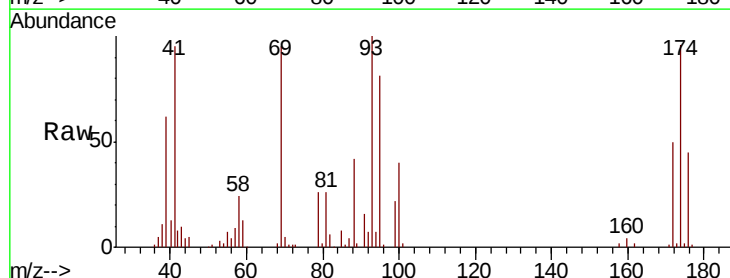
Tgt Ion: 93 Resp: 67799

Ion Ratio Lower Upper

93 100

95 81.2 65.8 98.6

174 96.2 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN061863.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN061863.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN061863.D (-2209) (-)

9.18

40000

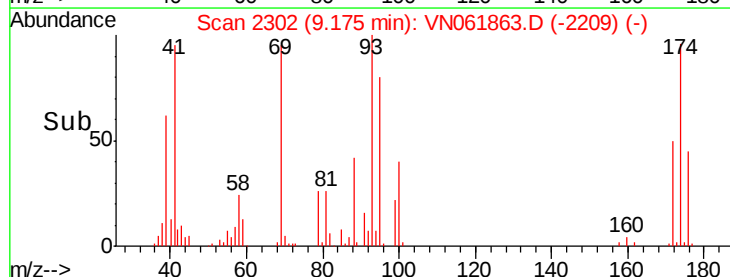
30000

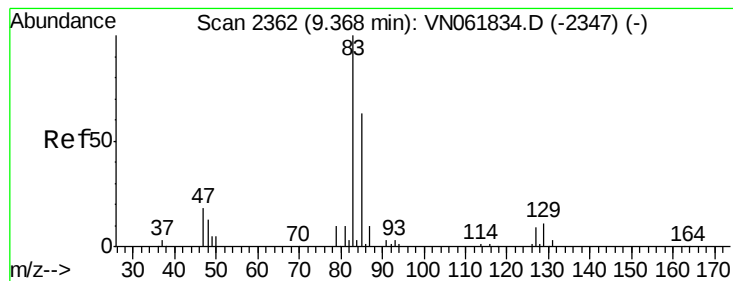
20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 47.405 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

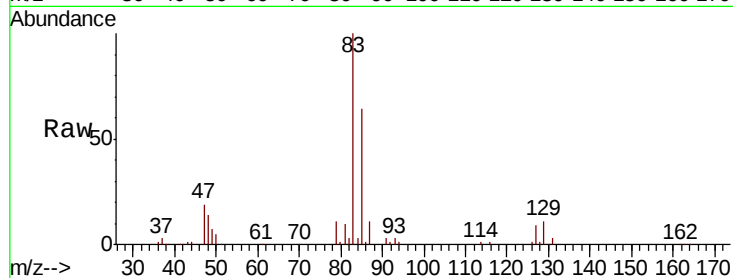
Tot Ion: 83 Resp: 134793

Ion Ratio Lower Upper

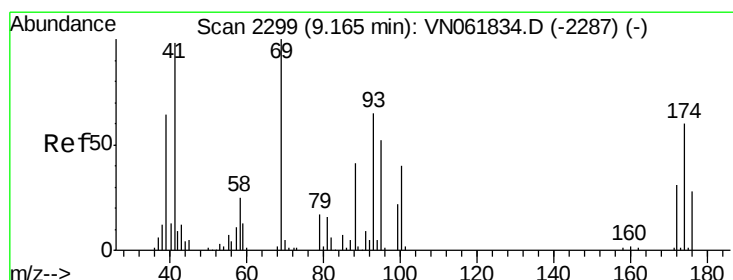
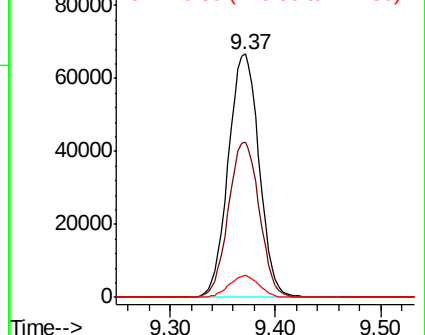
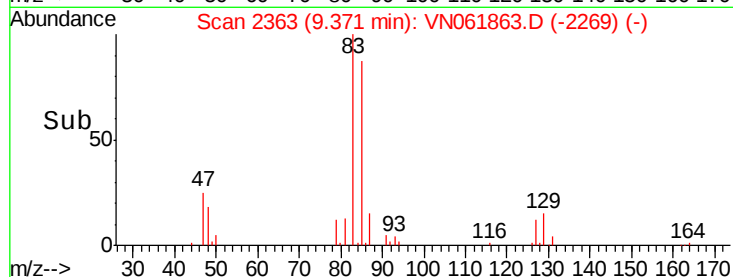
83 100

85 63.6 50.8 76.2

127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061863.D (-2269) (-)



#48

Methyl methacrylate

Concen: 46.876 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

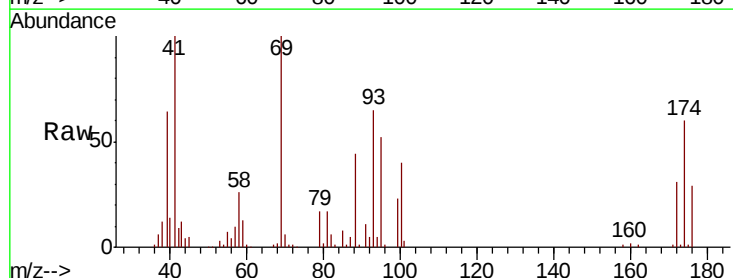
Tgt Ion: 41 Resp: 74314

Ion Ratio Lower Upper

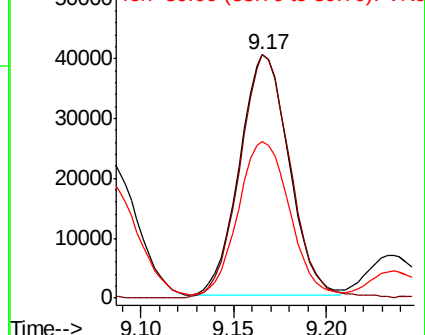
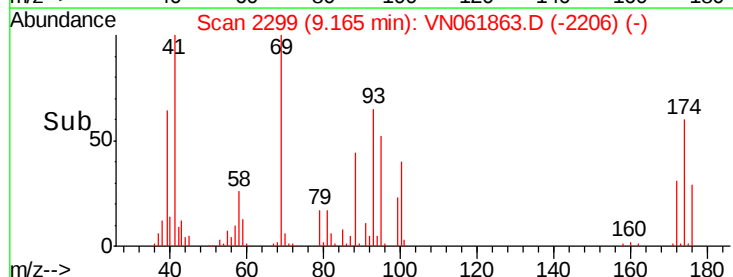
41 100

69 103.1 83.0 124.4

39 68.3 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN061863.D (-2206) (-)





#49

1,4-Dioxane

Concen: 977.742 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

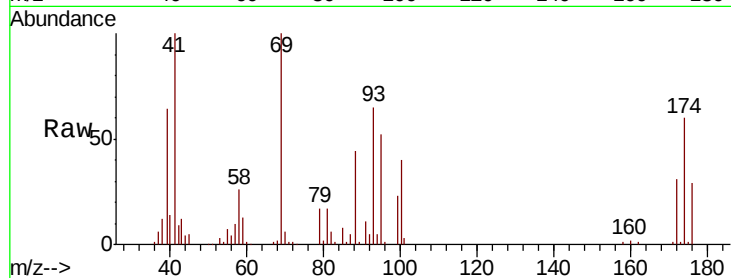
Tot Ion: 88 Resp: 35587

Ion Ratio Lower Upper

88 100

43 27.1 23.4 35.2

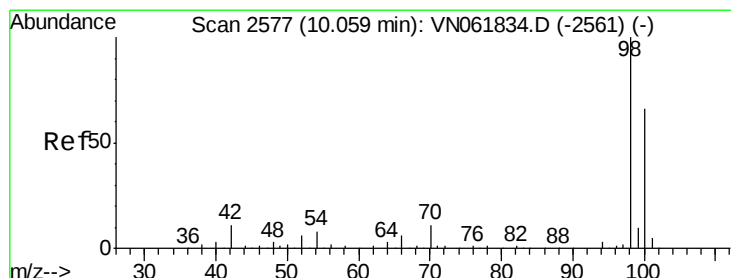
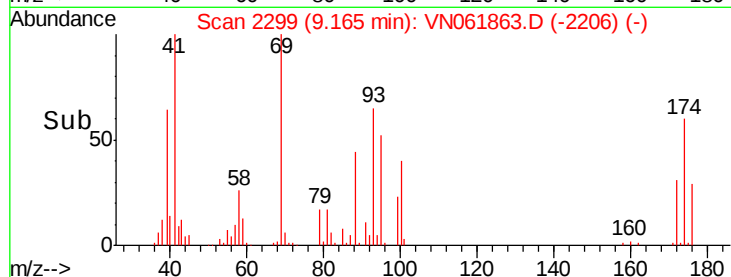
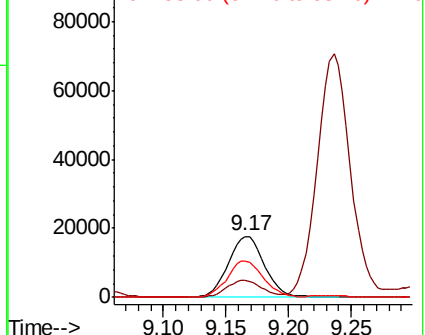
58 59.2 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN061863.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061863.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061863.D (-2285) (-)



#50

Toluene-d8

Concen: 50.335 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061863.D

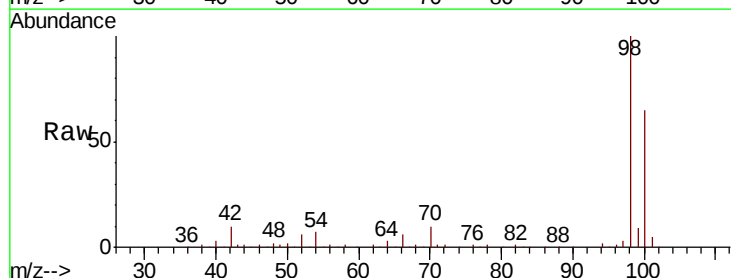
Acq: 17 Jun 2020 21:04

Tgt Ion: 98 Resp: 367666

Ion Ratio Lower Upper

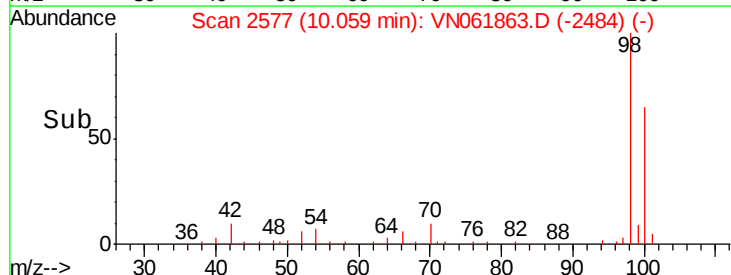
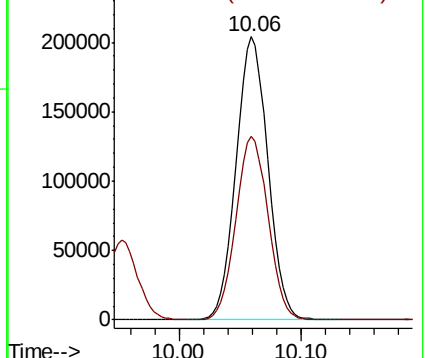
98 100

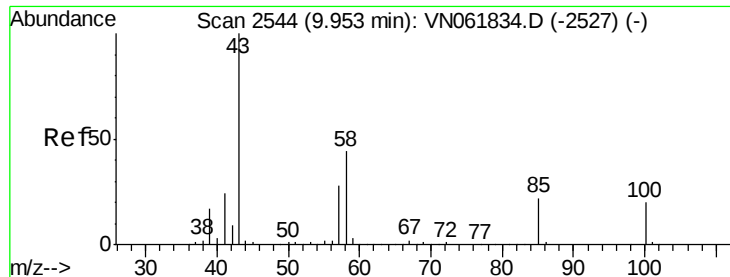
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061863.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061863.D (-2561) (-)





#51

4-Methyl-2-Pentanone

Concen: 240.324 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

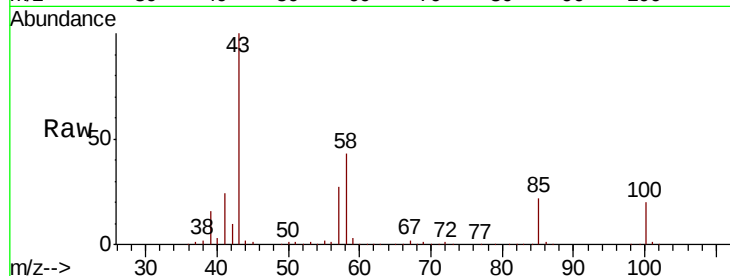
VSTDCCC050EC

Tot Ion: 43 Resp: 495073

Ion Ratio Lower Upper

43 100

58 43.3 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

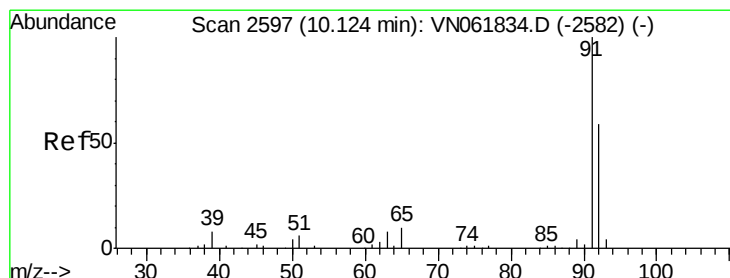
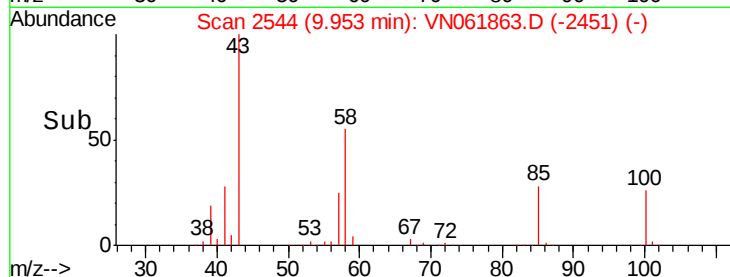
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 48.751 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061863.D

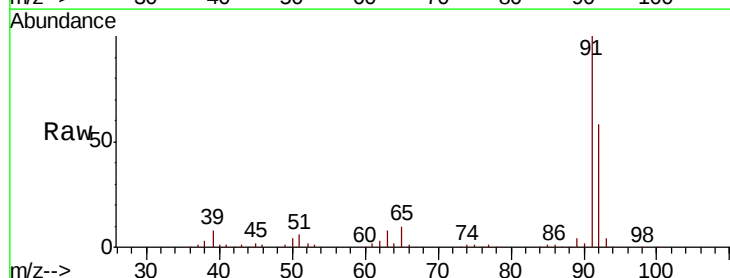
Acq: 17 Jun 2020 21:04

Tgt Ion: 92 Resp: 245682

Ion Ratio Lower Upper

92 100

91 173.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

250000

200000

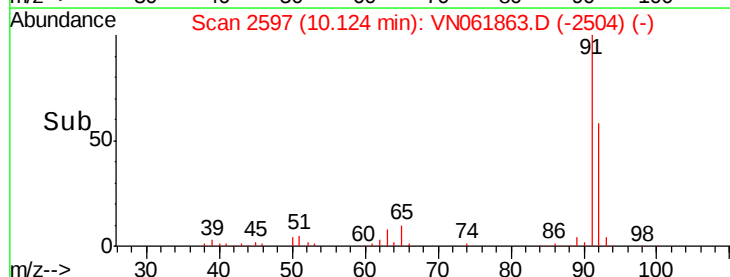
150000

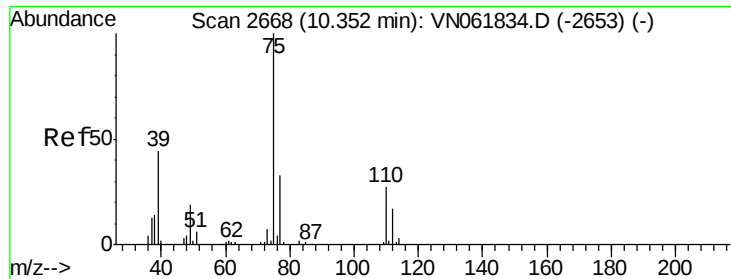
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.462 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

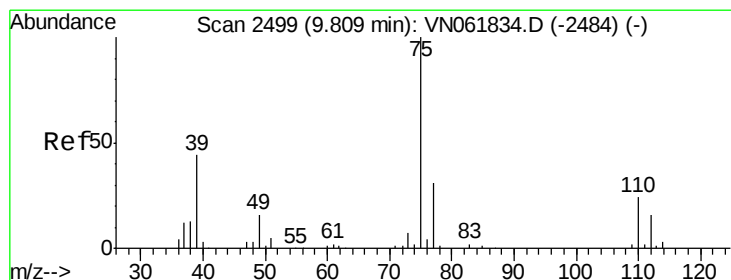
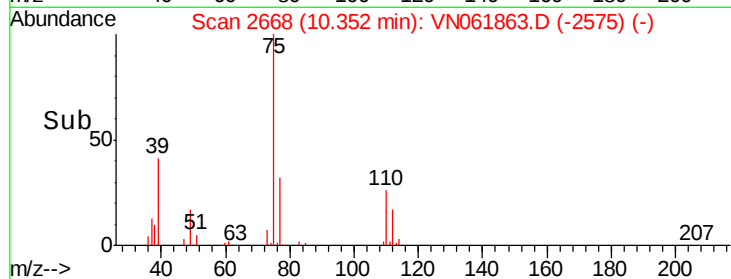
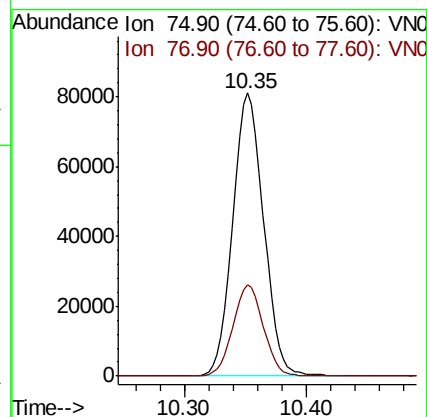
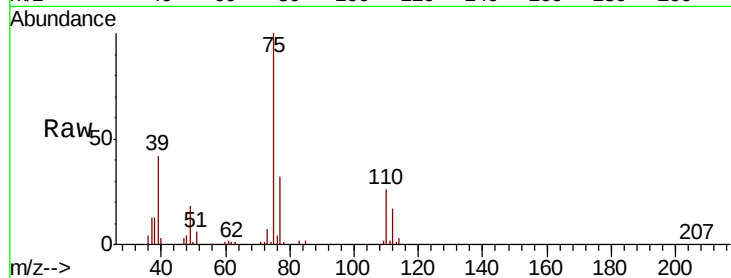
VSTDCCC050EC

Tot Ion: 75 Resp: 143266

Ion Ratio Lower Upper

75 100

77 32.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 47.530 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

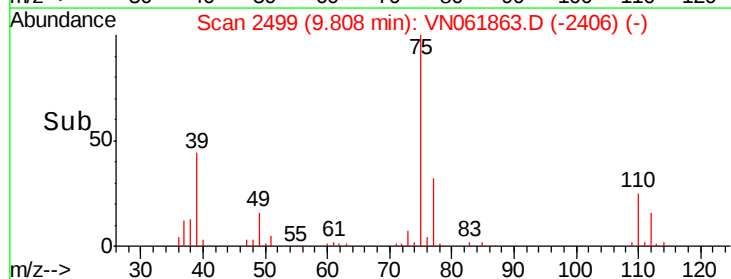
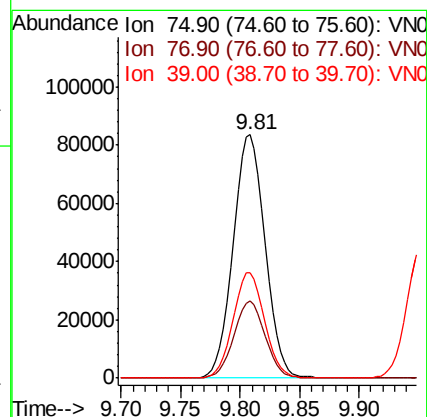
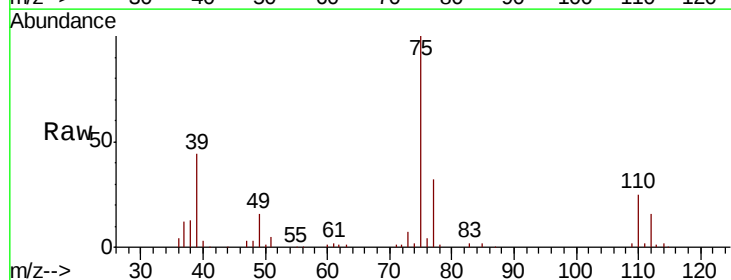
Tgt Ion: 75 Resp: 155832

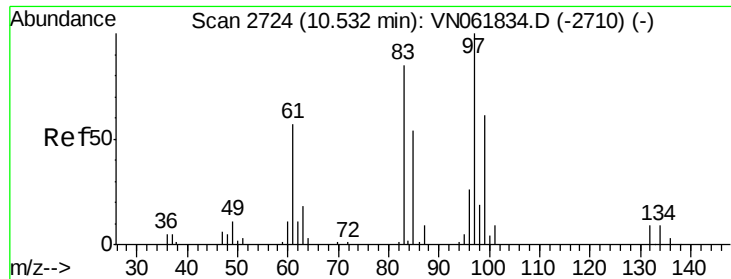
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 43.5 35.4 53.0

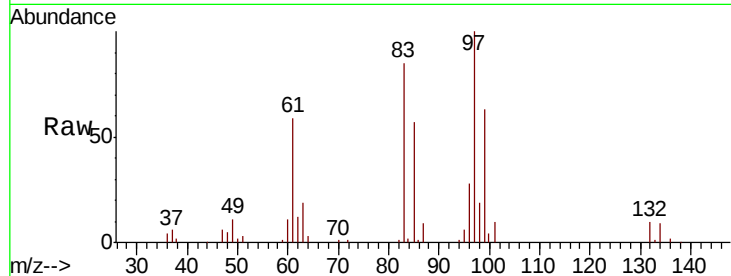




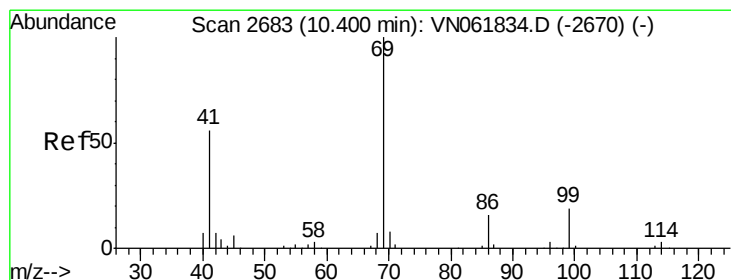
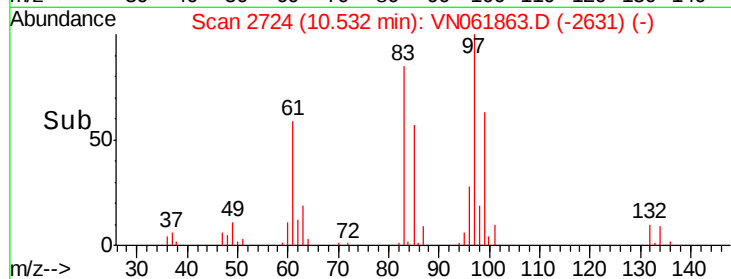
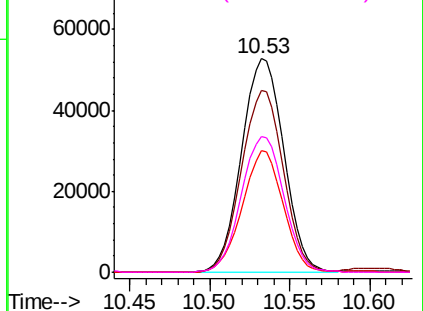
#55
 1,1,2-Trichloroethane
 Concen: 48.202 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 95575
 Ion Ratio Lower Upper
 97 100
 83 85.4 67.7 101.5
 85 56.8 43.4 65.0
 99 63.3 48.8 73.2

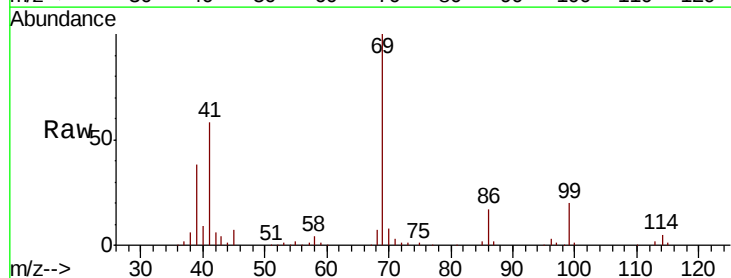


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

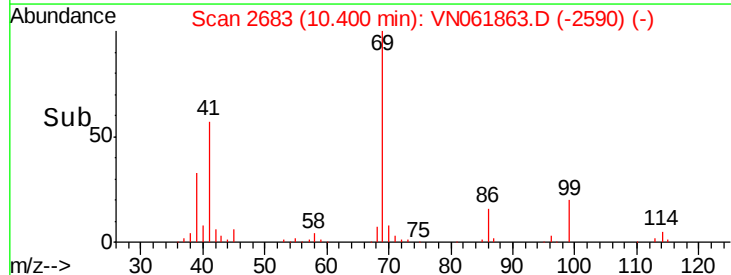
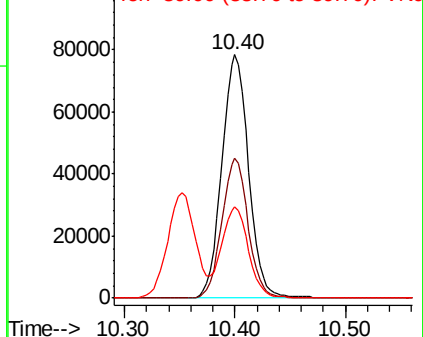


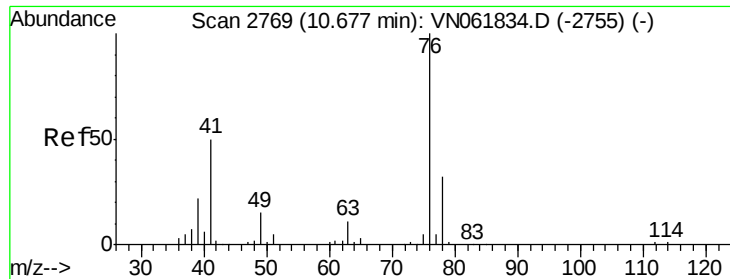
#56
 Ethyl methacrylate
 Concen: 43.966 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion: 69 Resp: 132031
 Ion Ratio Lower Upper
 69 100
 41 56.4 44.9 67.3
 39 37.2 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

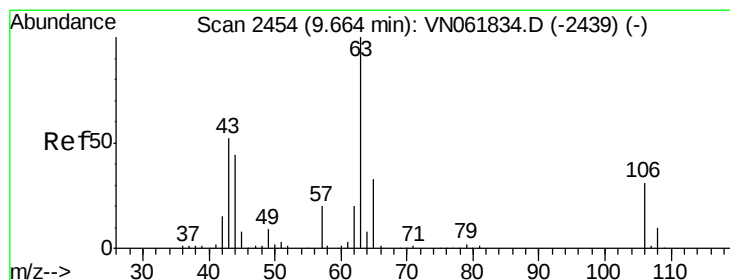
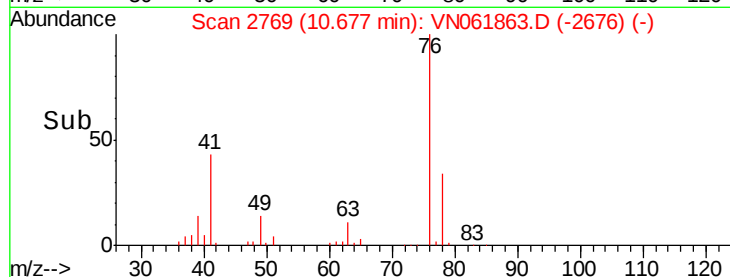
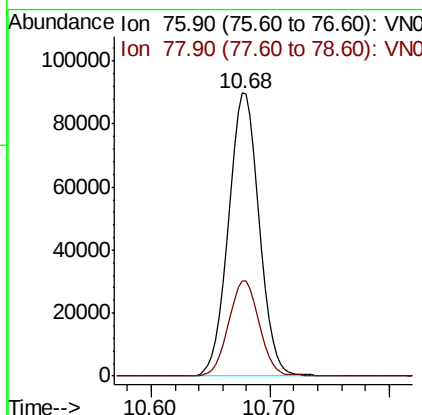
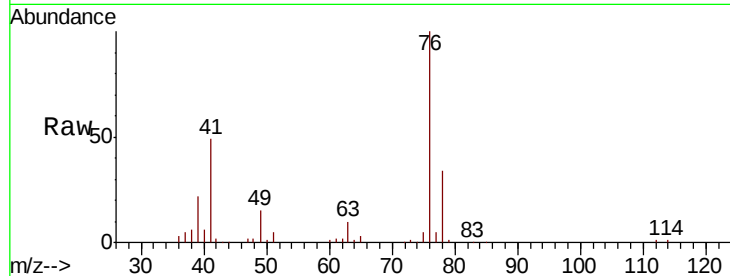




#57
 1,3-Dichloropropane
 Concen: 47.854 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

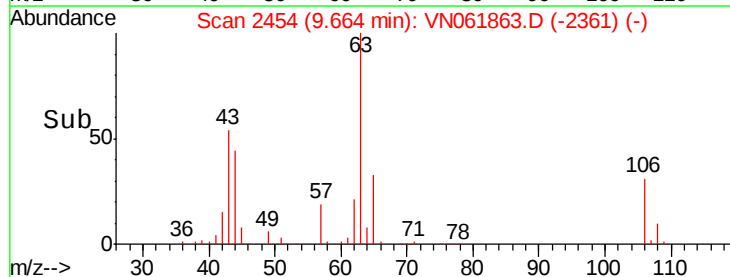
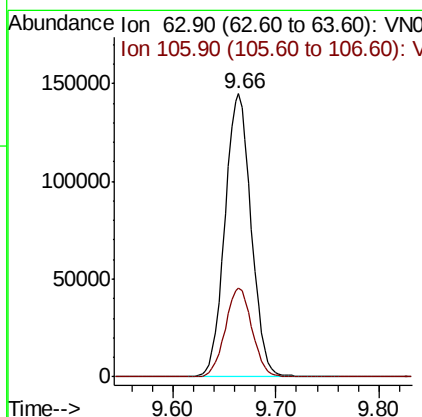
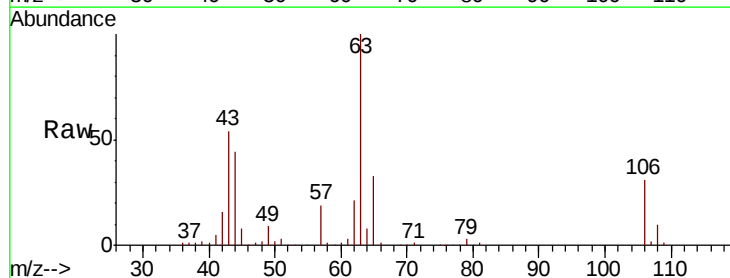
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

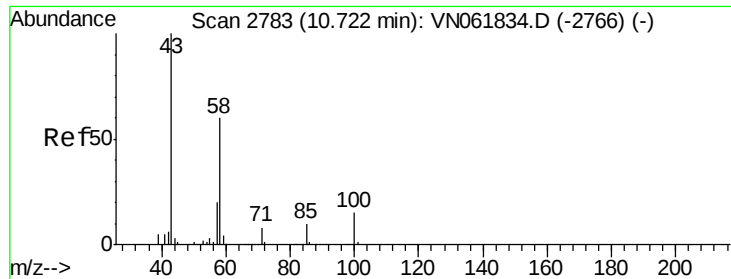
Tot Ion: 76 Resp: 160747
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.279 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion: 63 Resp: 256671
 Ion Ratio Lower Upper
 63 100
 106 31.9 24.6 36.8

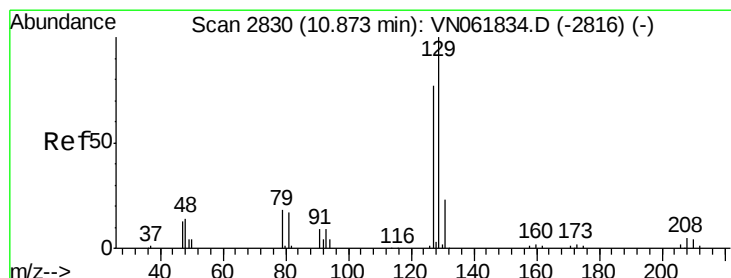
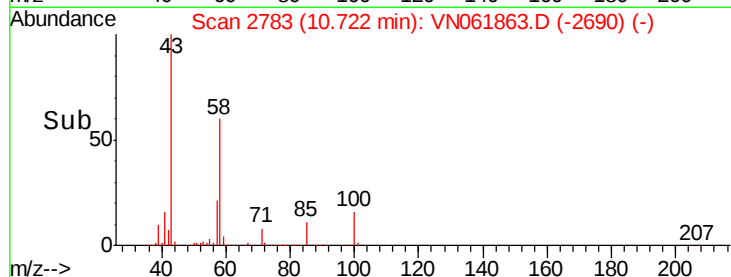
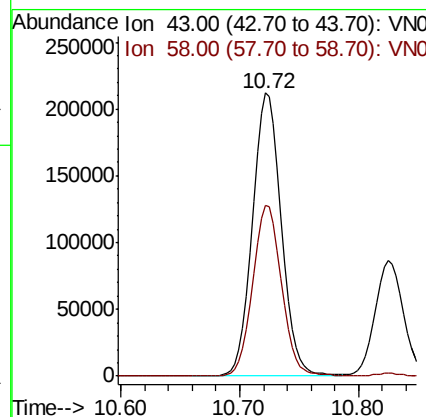
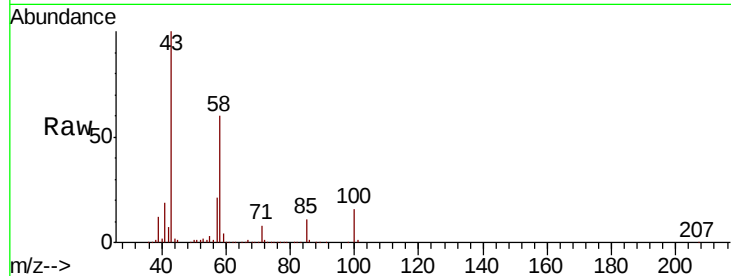




#59
2-Hexanone
Concen: 218.143 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

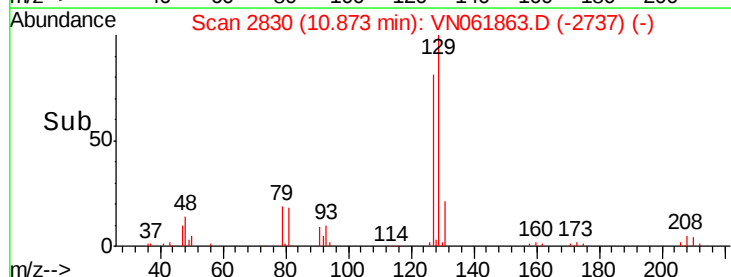
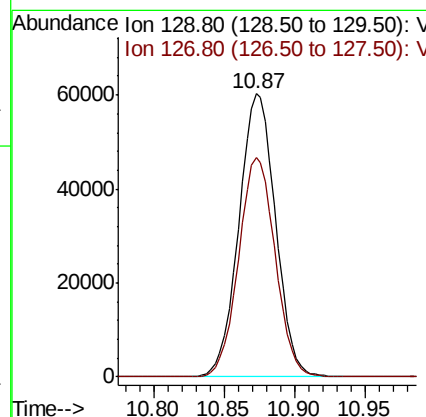
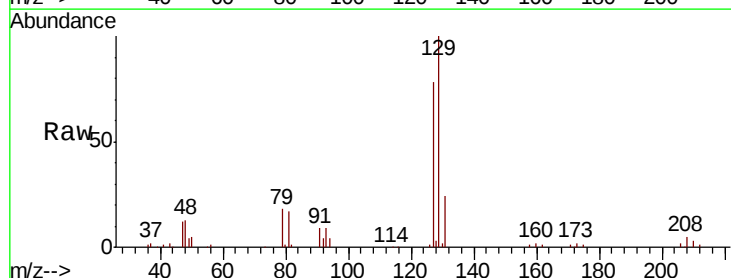
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 356044
Ion Ratio Lower Upper
43 100
58 60.2 30.1 90.5



#60
Dibromochloromethane
Concen: 49.486 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 129 Resp: 109487
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

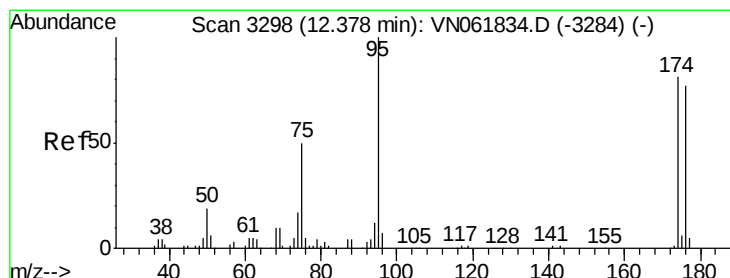
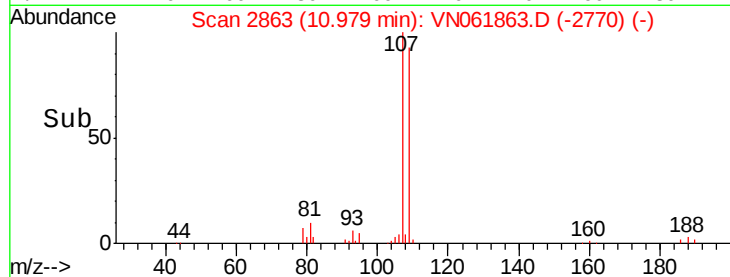
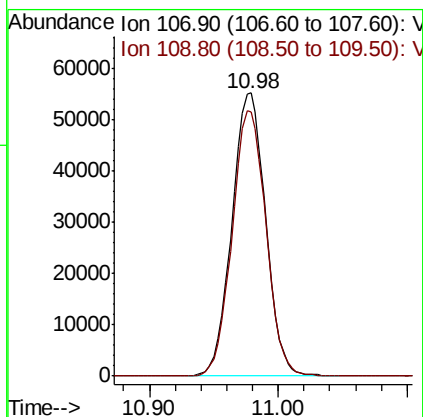
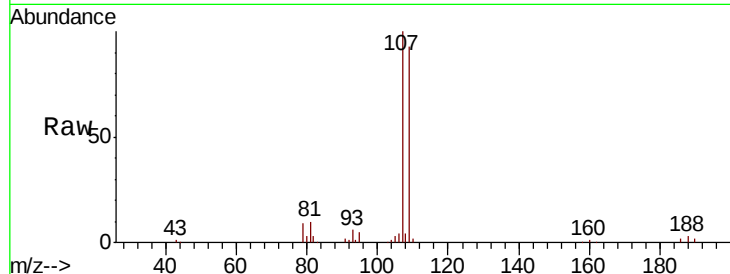




#61
 1,2-Dibromoethane
 Concen: 48.420 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

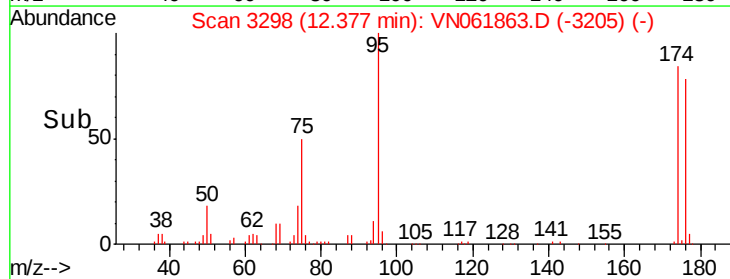
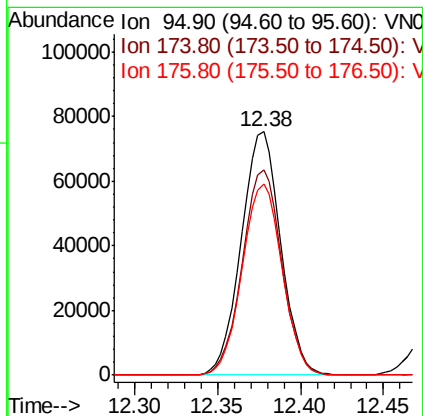
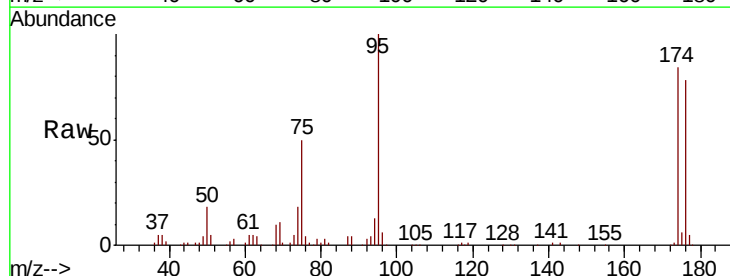
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 100249
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.804 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion: 95 Resp: 124784
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 158.6
 176 79.6 0.0 152.0

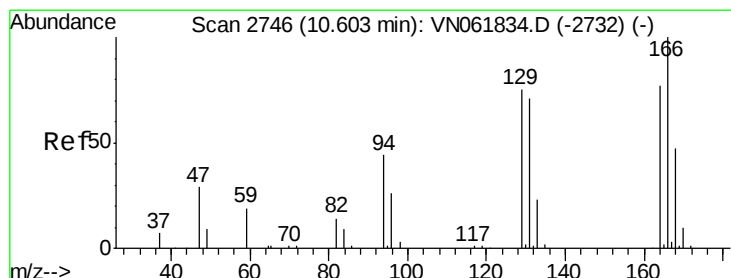
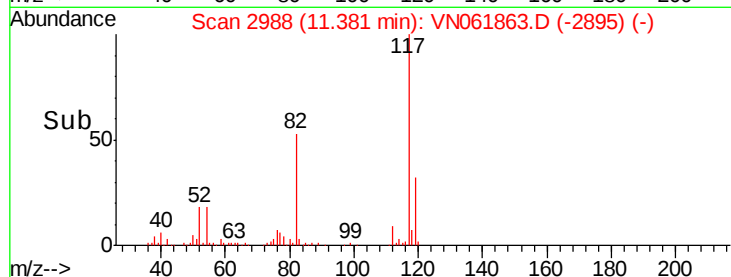
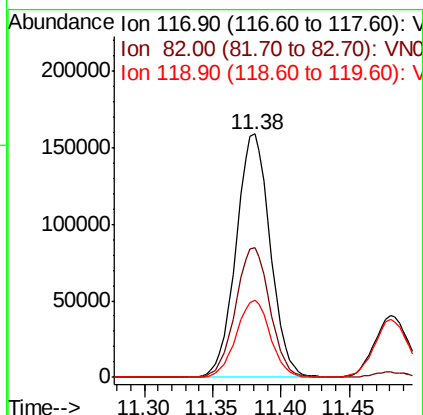
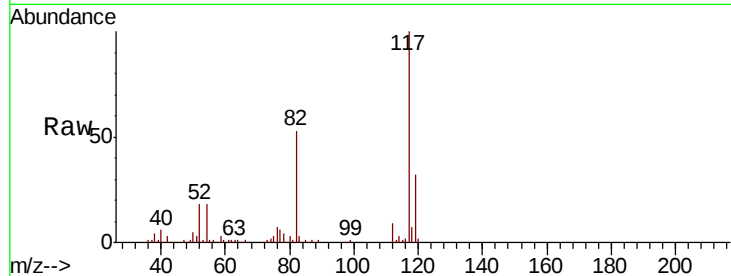




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

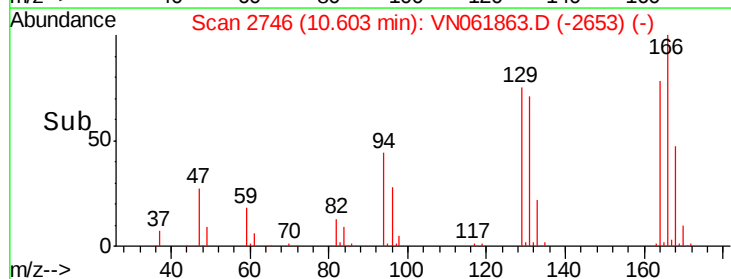
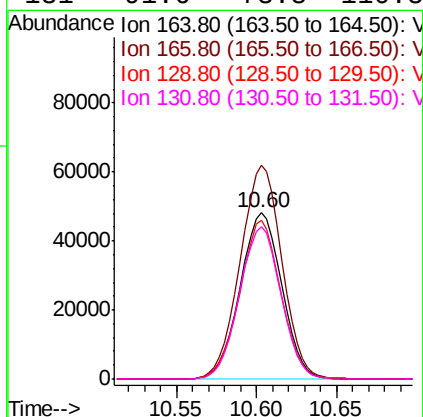
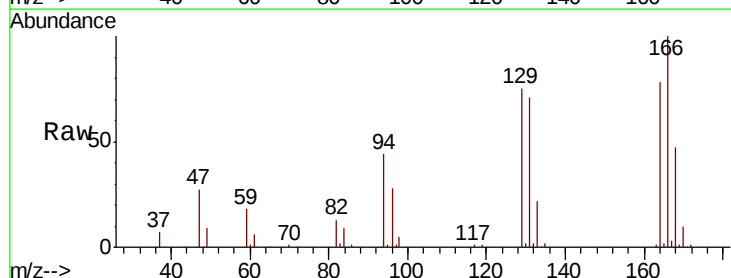
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

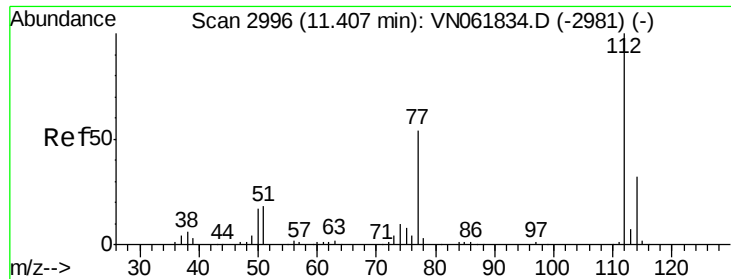
Tot Ion:117 Resp: 276609
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 48.757 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:164 Resp: 85960
Ion Ratio Lower Upper
164 100
166 128.6 103.5 155.3
129 96.0 77.5 116.3
131 91.6 73.8 110.8

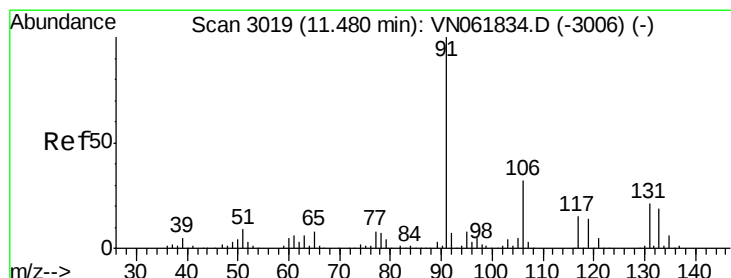
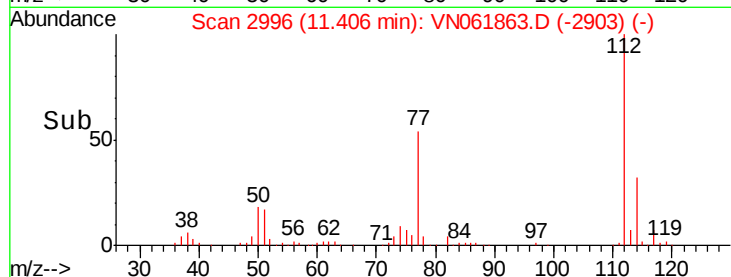
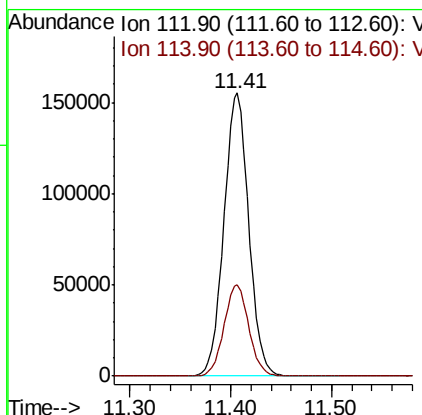
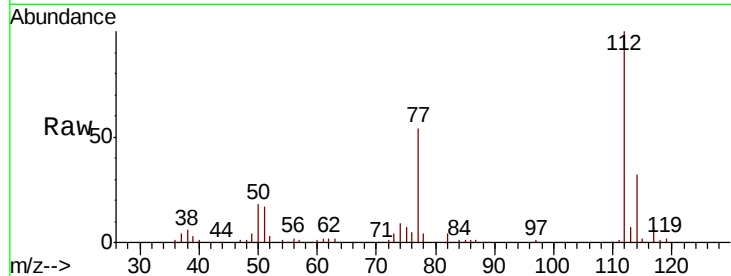




#65
Chlorobenzene
Concen: 45.738 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

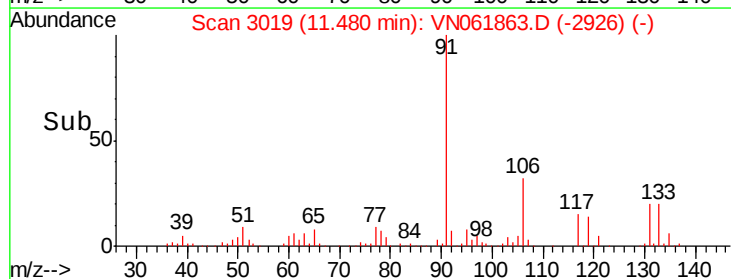
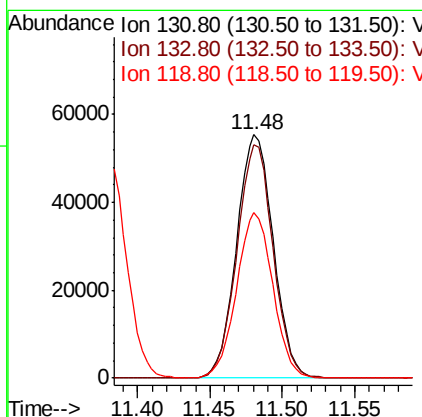
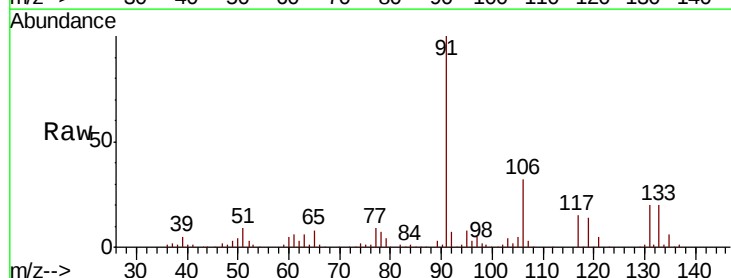
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

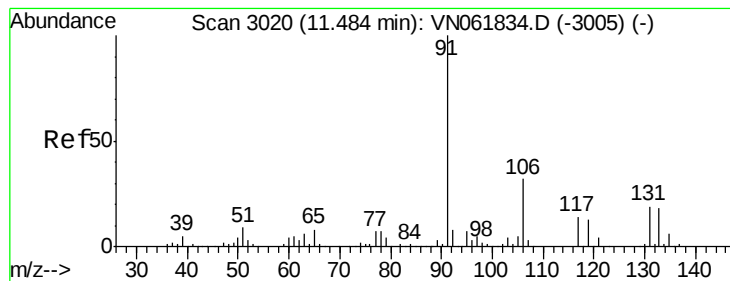
Tot Ion:112 Resp: 266957
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.786 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:131 Resp: 97274
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 67.3 34.0 101.8





#67

Ethyl Benzene

Concen: 47.438 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

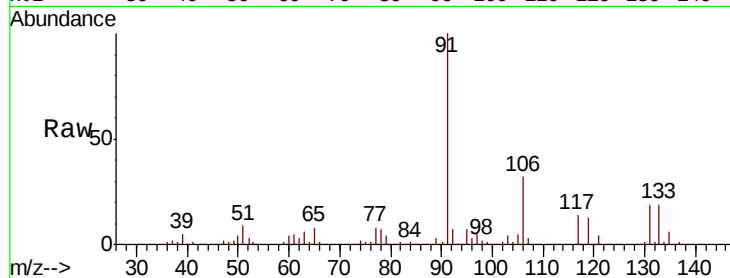
VSTDCCC050EC

Tot Ion: 91 Resp: 464225

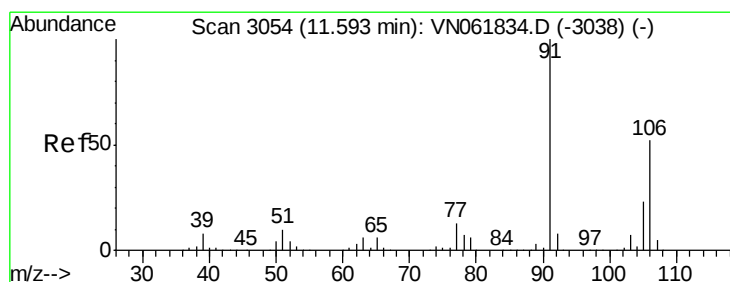
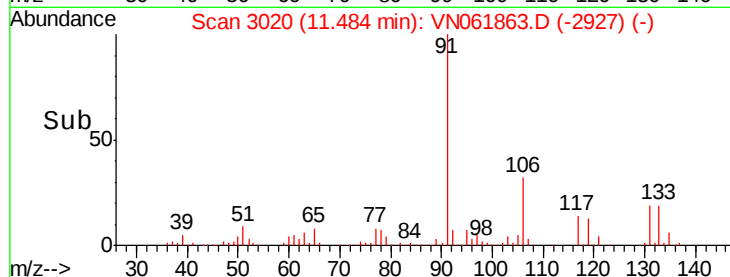
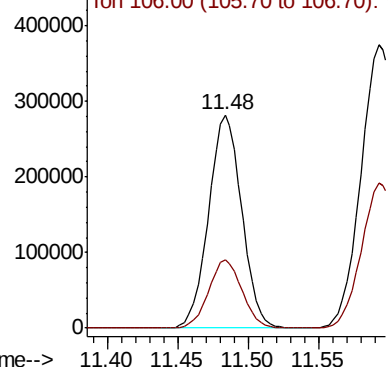
Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN061863.D (-2927) (-)



#68

m/p-Xylenes

Concen: 96.758 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061863.D

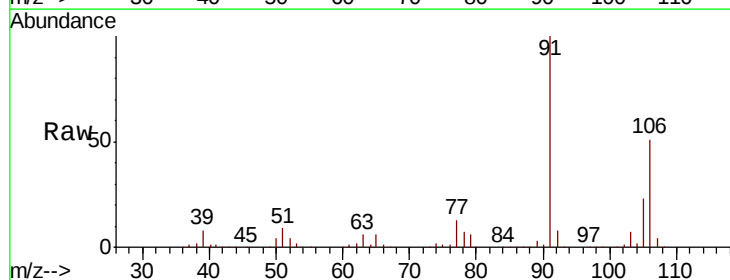
Acq: 17 Jun 2020 21:04

Tgt Ion: 106 Resp: 365114

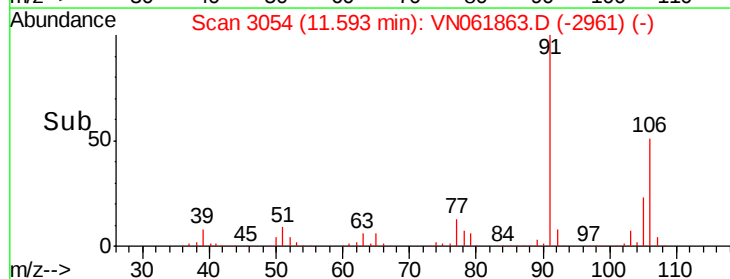
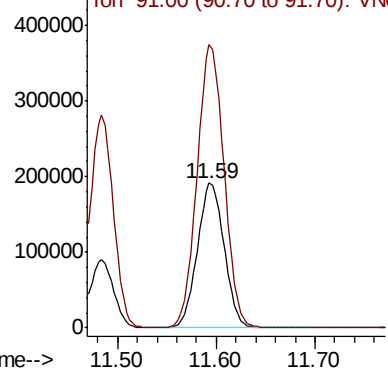
Ion Ratio Lower Upper

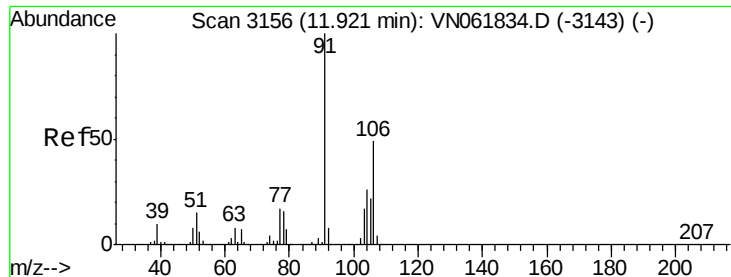
106 100

91 196.4 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VN061863.D (-2961) (-)

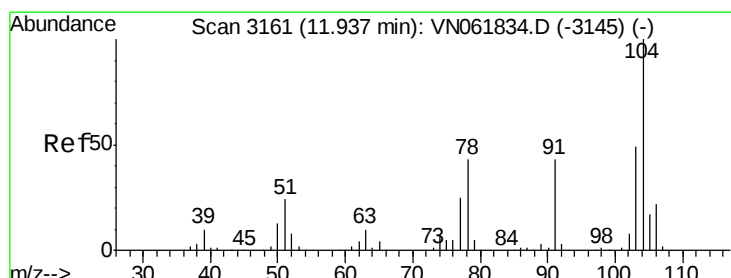
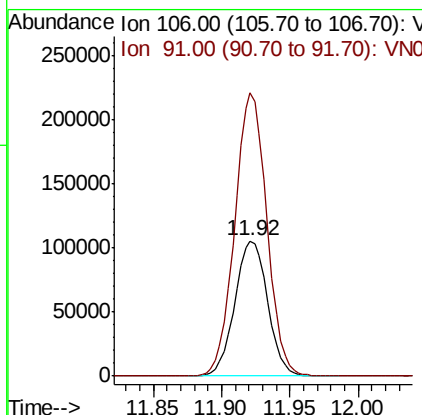
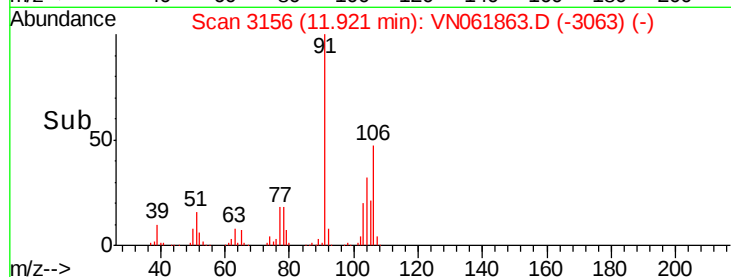
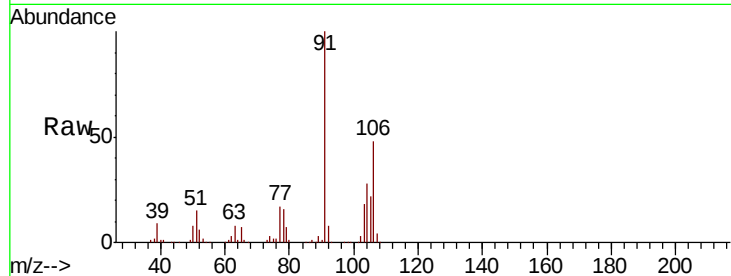




#69
o-Xylene
Concen: 48.736 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

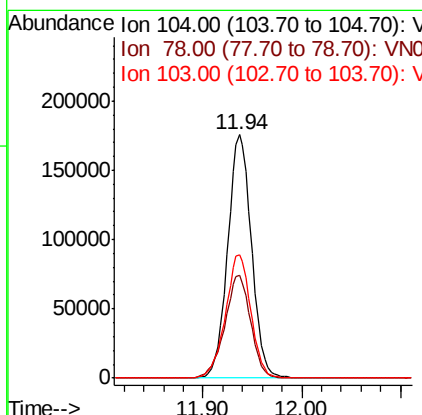
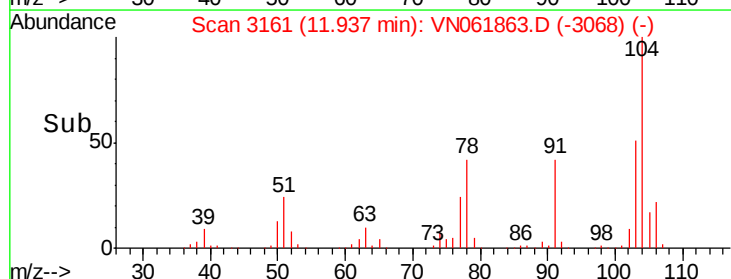
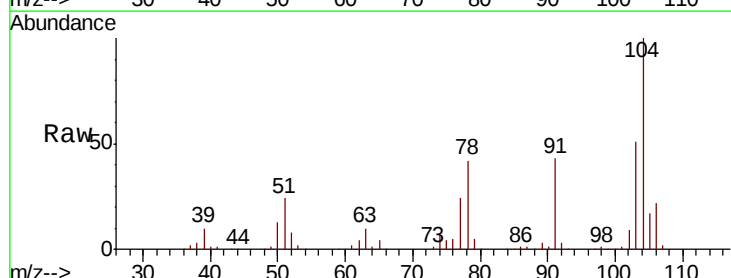
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

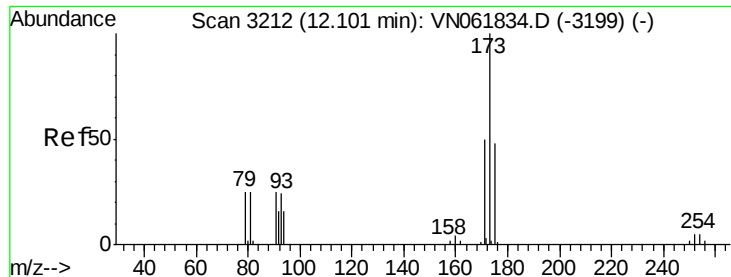
Tot Ion:106 Resp: 175472
Ion Ratio Lower Upper
106 100
91 205.2 103.0 308.9



#70
Styrene
Concen: 49.387 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:104 Resp: 297736
Ion Ratio Lower Upper
104 100
78 45.8 37.6 56.4
103 53.8 43.0 64.4





#71

Bromoform

Concen: 49.007 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

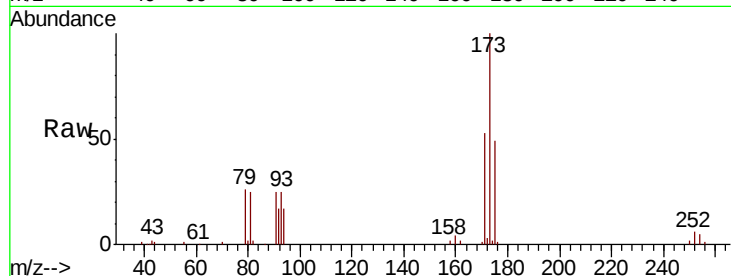
Tot Ion:173 Resp: 72740

Ion Ratio Lower Upper

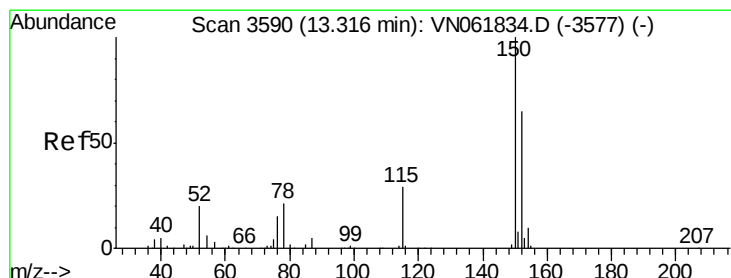
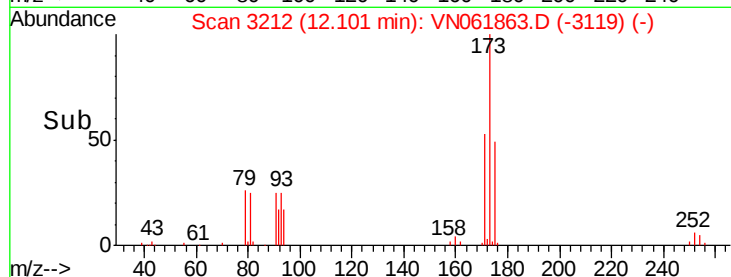
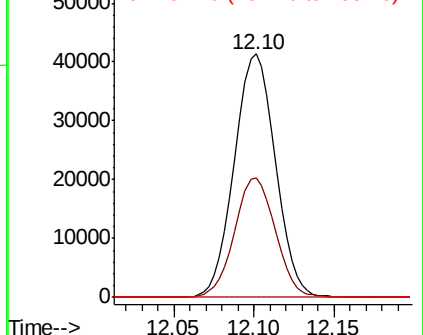
173 100

175 48.6 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: VN061863.D

Acq: 17 Jun 2020 21:04

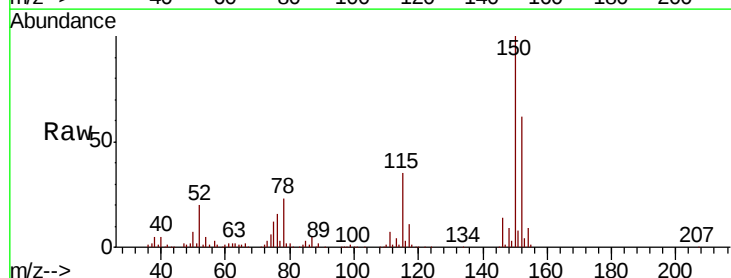
Tgt Ion:152 Resp: 135491

Ion Ratio Lower Upper

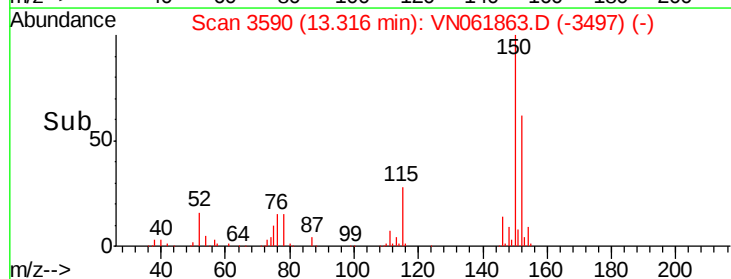
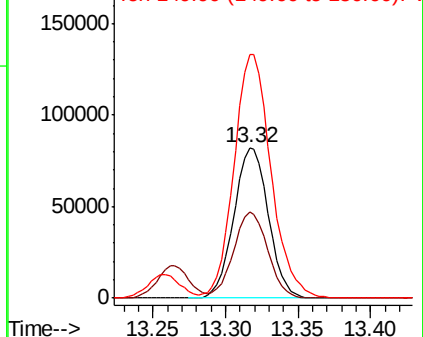
152 100

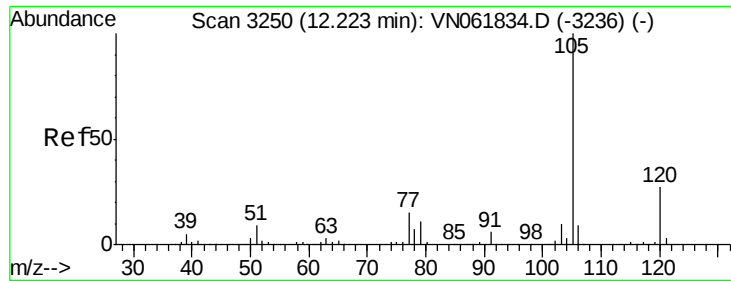
115 56.8 29.1 87.3

150 173.9 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: 47.592 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

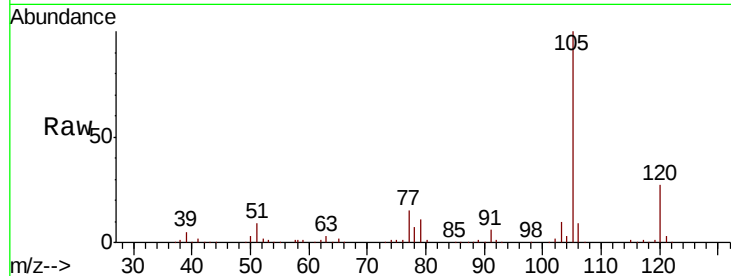
VSTDCCC050EC

Tot Ion:105 Resp: 458223

Ion Ratio Lower Upper

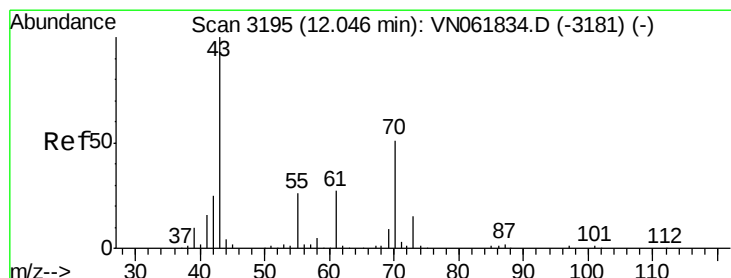
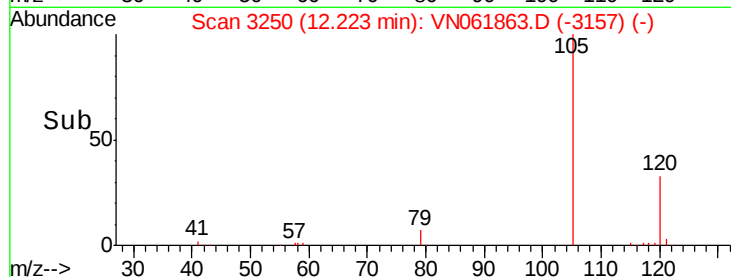
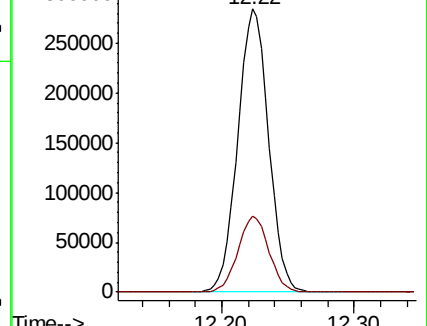
105 100

120 26.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.639 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Tgt Ion: 43 Resp: 143284

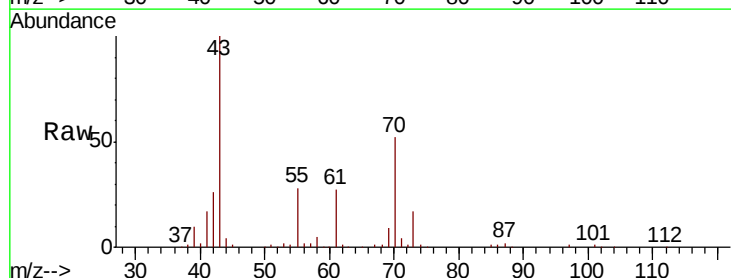
Ion Ratio Lower Upper

43 100

70 51.6 40.6 60.8

55 28.4 21.5 32.3

61 27.1 21.6 32.4

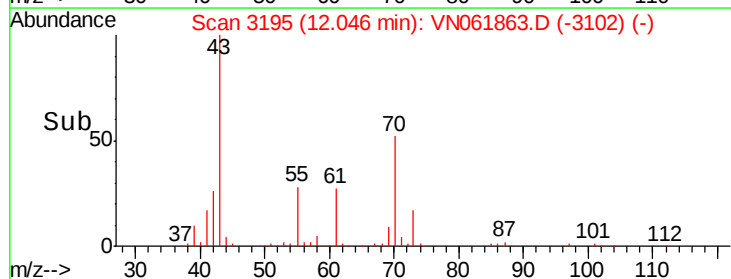
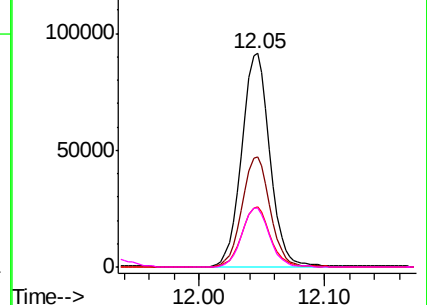


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.154 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

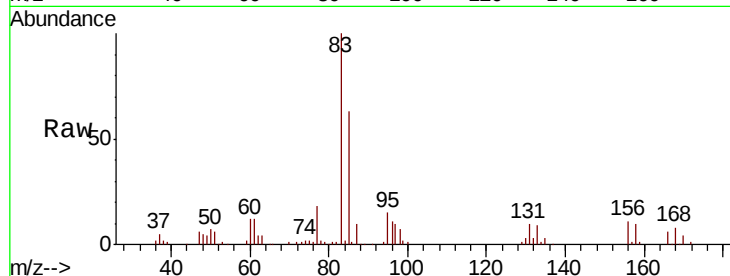
Tot Ion: 83 Resp: 141346

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

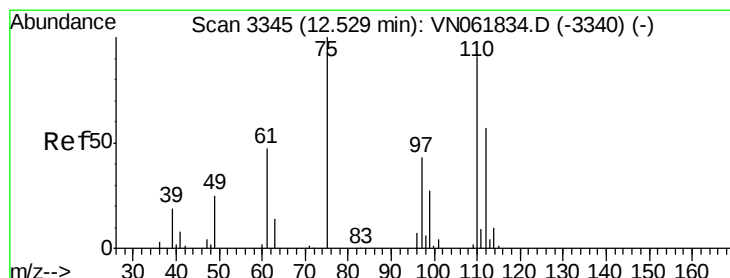
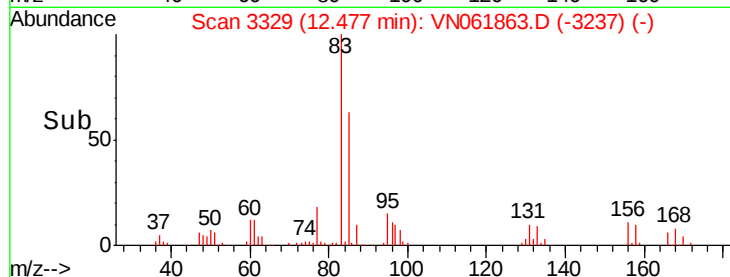
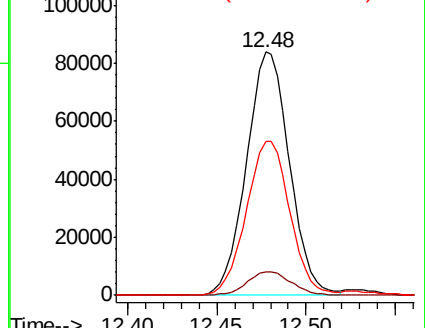
85 63.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061863.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061863.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061863.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 64.526 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061863.D

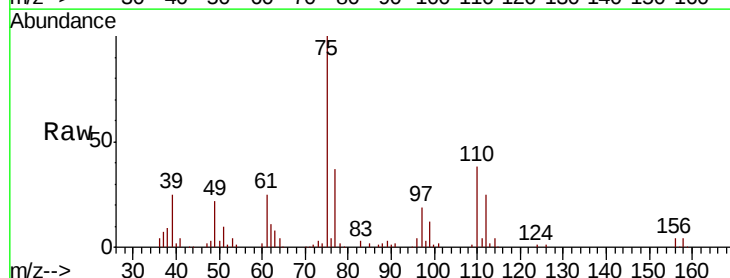
Acq: 17 Jun 2020 21:04

Tgt Ion: 75 Resp: 171641

Ion Ratio Lower Upper

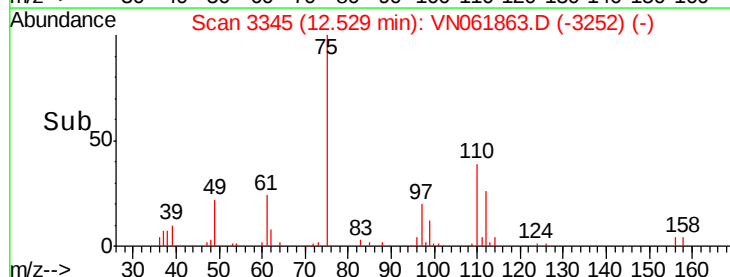
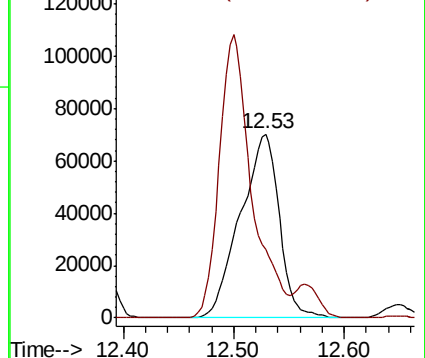
75 100

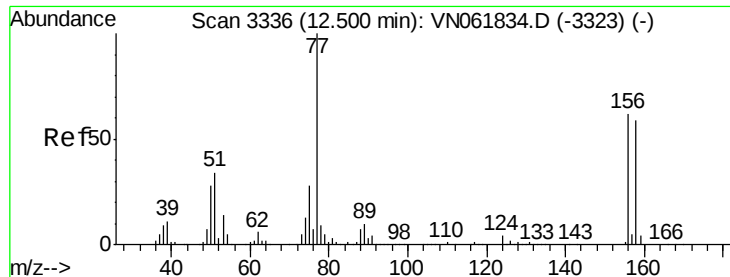
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061863.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061863.D (-3252) (-)





#77

Bromobenzene

Concen: 46.578 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

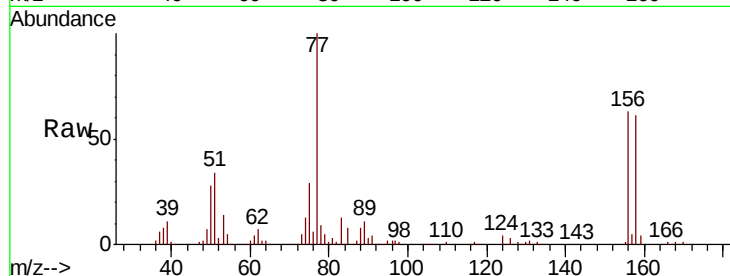
Tot Ion:156 Resp: 113140

Ion Ratio Lower Upper

156 100

77 195.7 100.7 302.1

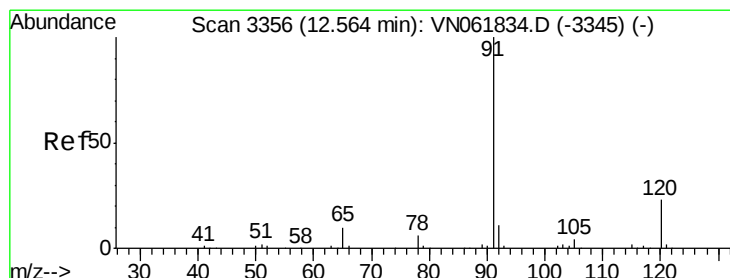
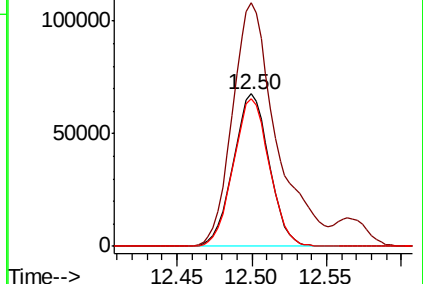
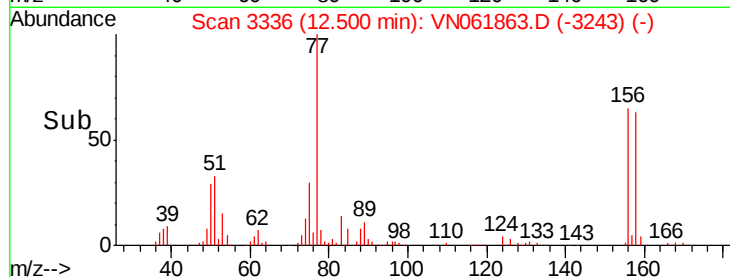
158 97.4 48.5 145.5



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: 47.257 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061863.D

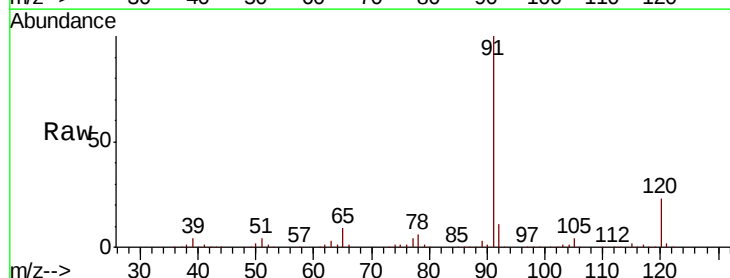
Acq: 17 Jun 2020 21:04

Tgt Ion: 91 Resp: 519168

Ion Ratio Lower Upper

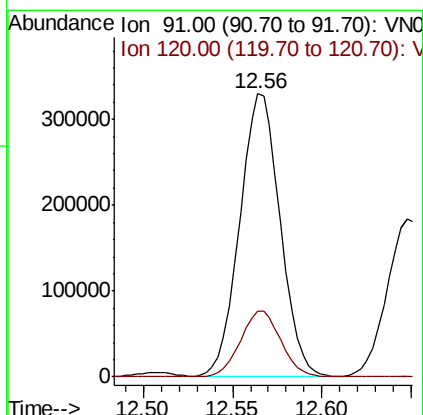
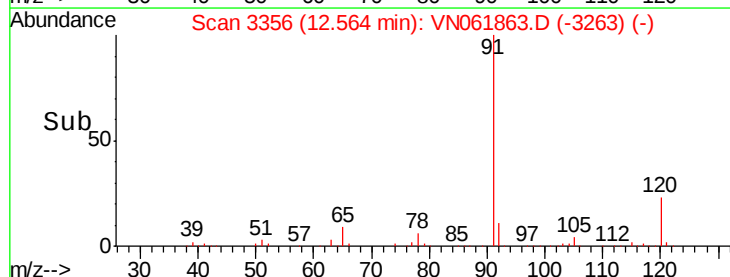
91 100

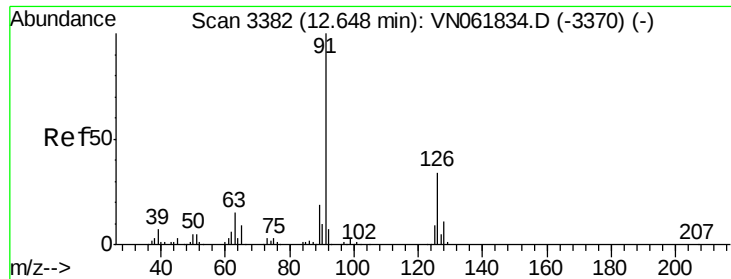
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.153 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

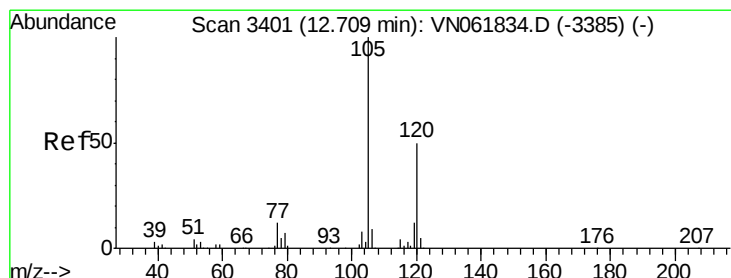
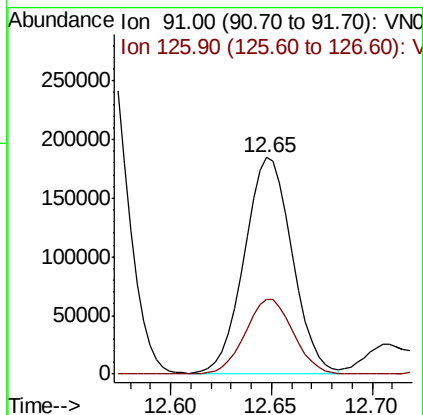
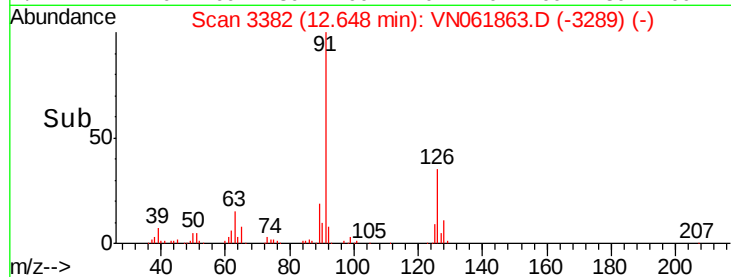
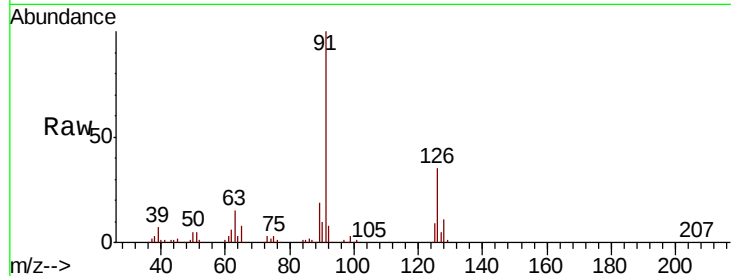
VSTDCCC050EC

Tot Ion: 91 Resp: 304530

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.044 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061863.D

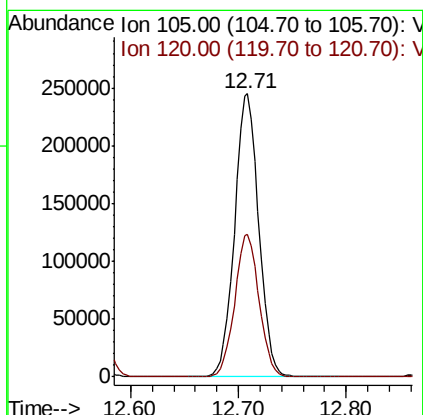
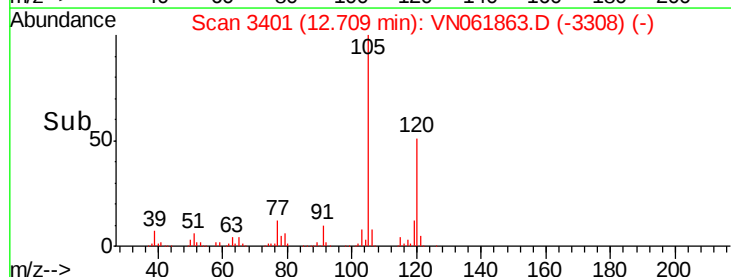
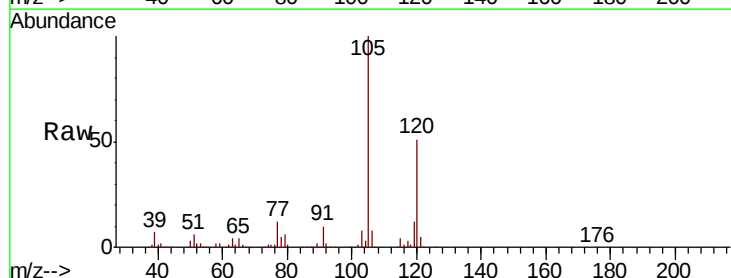
Acq: 17 Jun 2020 21:04

Tgt Ion: 105 Resp: 382696

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.7

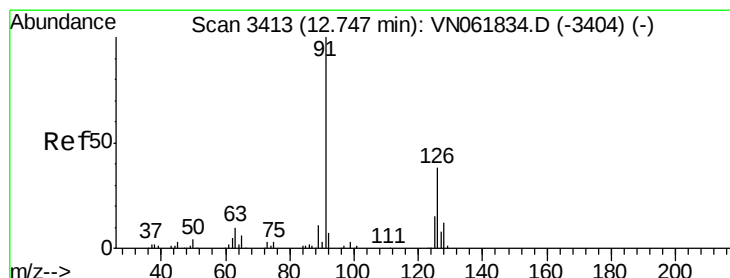
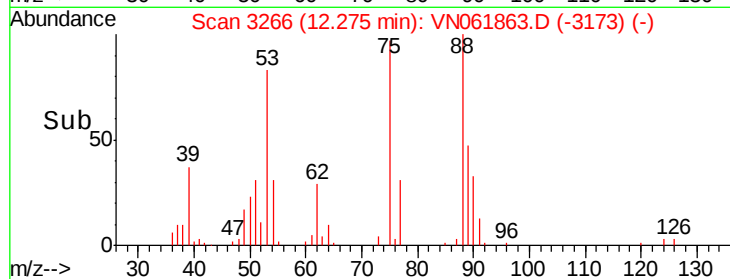
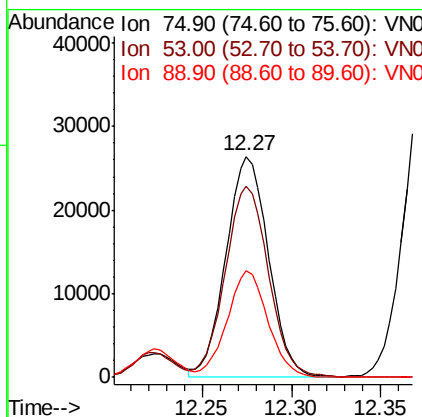
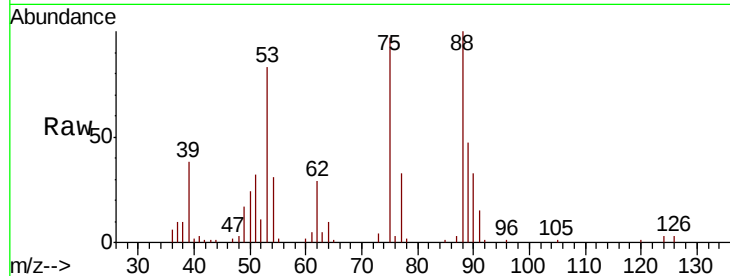




#81
trans-1,4-Dichloro-2-butene
Concen: 44.903 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

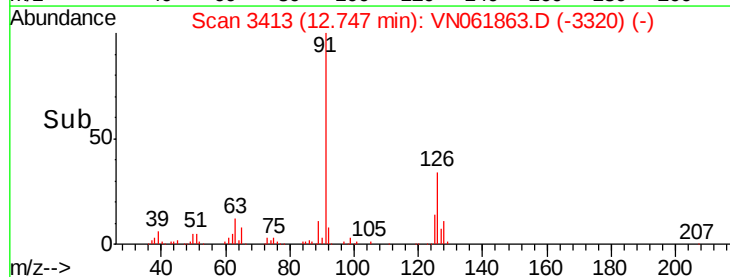
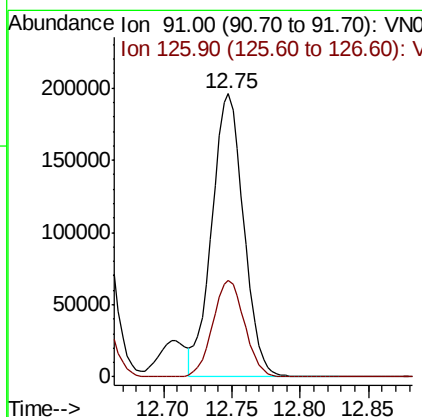
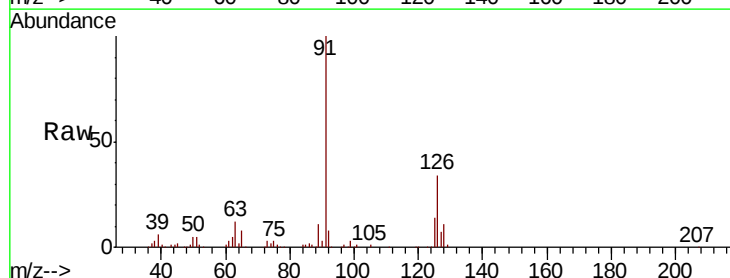
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

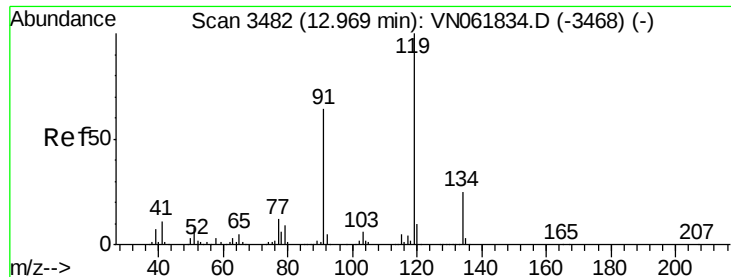
Tot Ion: 75 Resp: 43793
Ion Ratio Lower Upper
75 100
53 88.2 70.4 105.6
89 46.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 46.442 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 91 Resp: 316640
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6

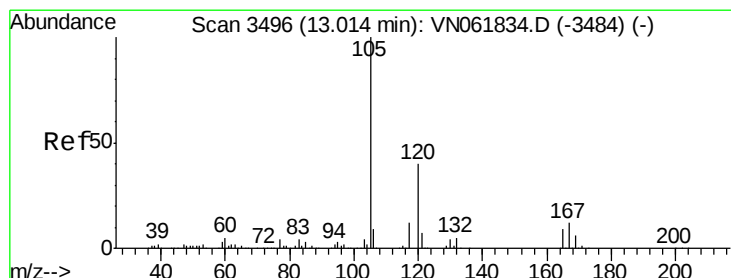
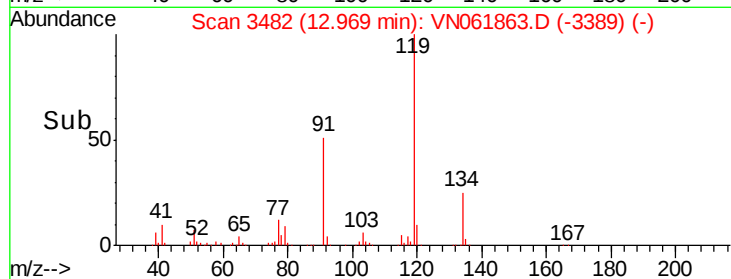
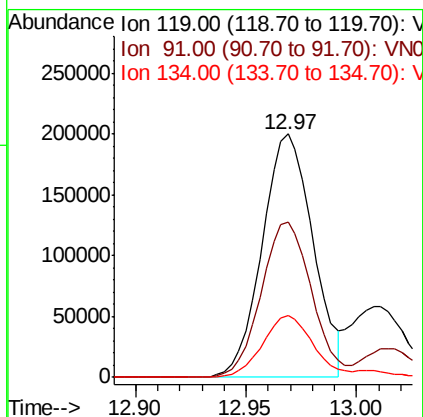
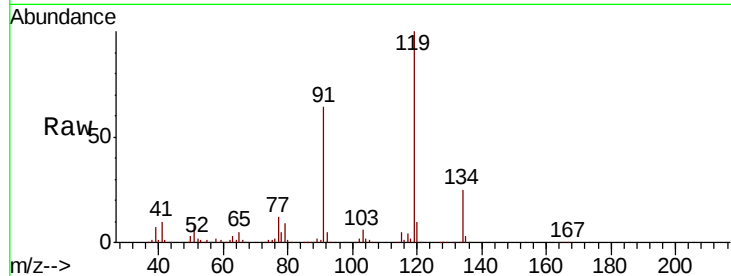




#83
tert-Butylbenzene
Concen: 47.303 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

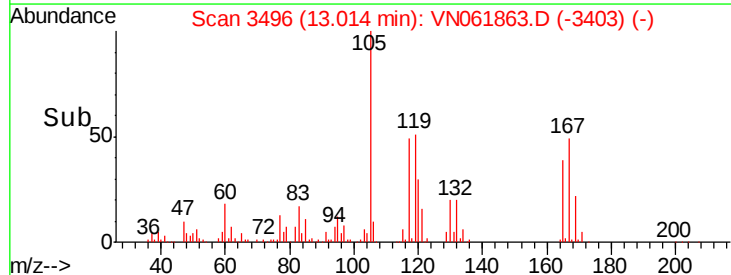
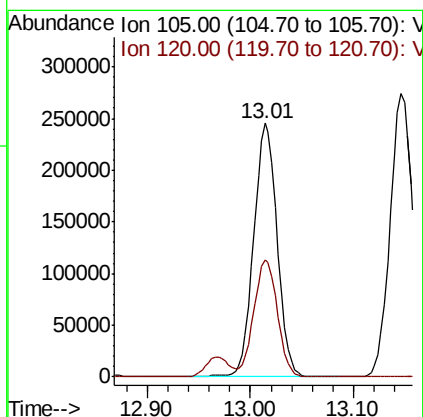
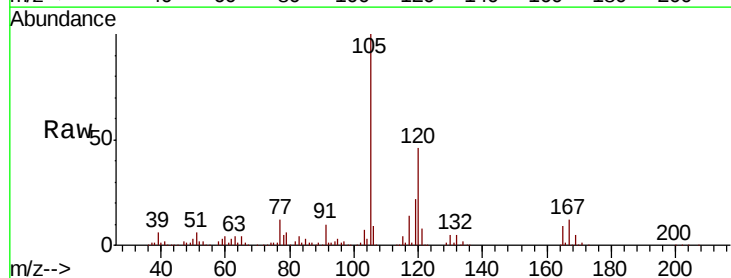
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

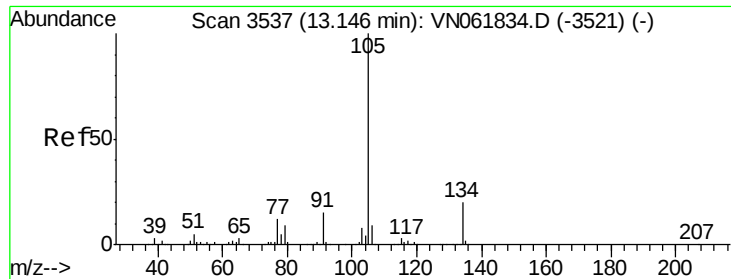
Tot Ion:119 Resp: 319435
Ion Ratio Lower Upper
119 100
91 63.7 31.5 94.5
134 25.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.071 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:105 Resp: 385851
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9





#85

sec-Butylbenzene

Concen: 48.233 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

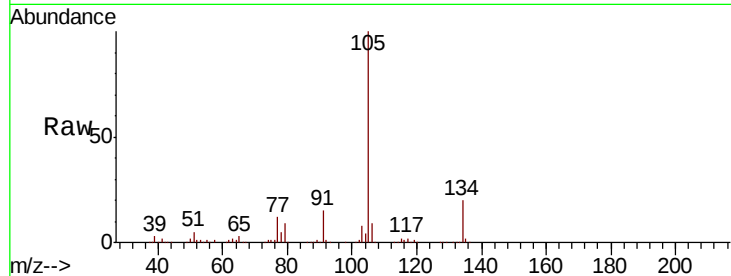
VSTDCCC050EC

Tot Ion:105 Resp: 426323

Ion Ratio Lower Upper

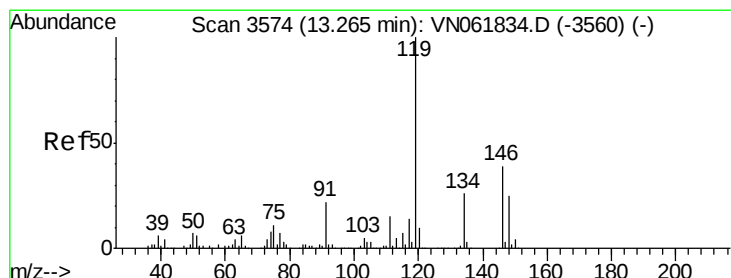
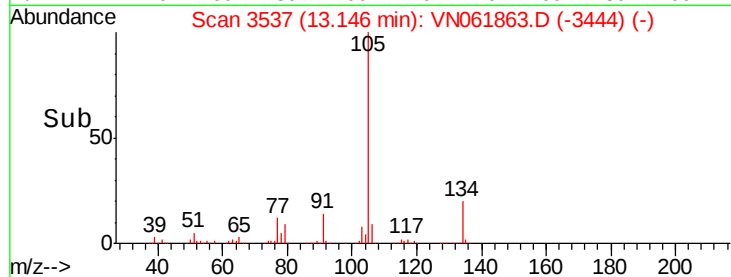
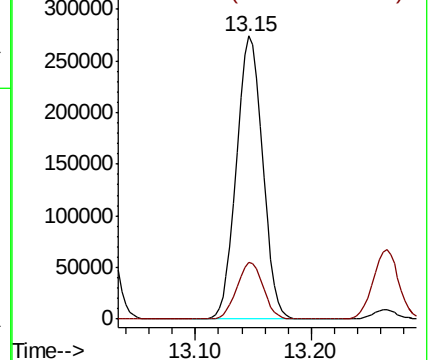
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.219 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

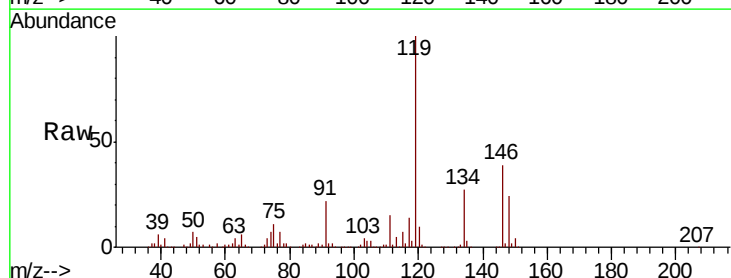
Tgt Ion:119 Resp: 387660

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

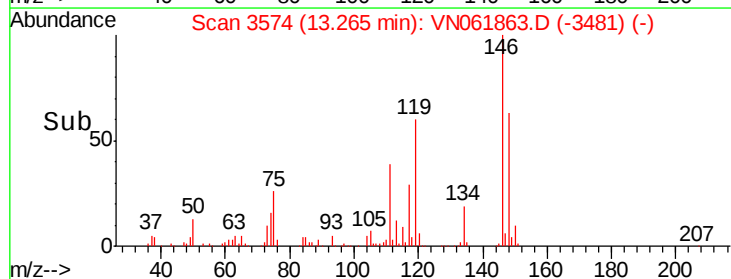
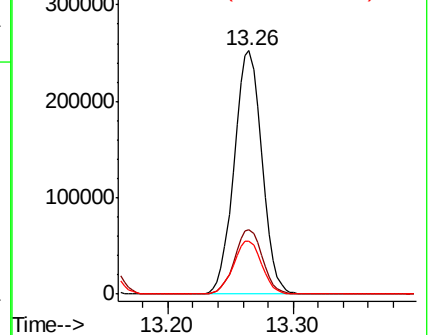
91 22.4 11.2 33.6

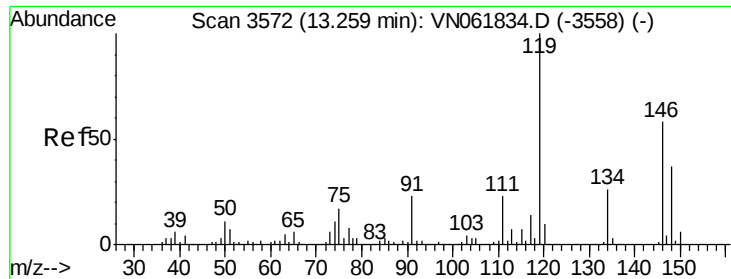


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.489 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

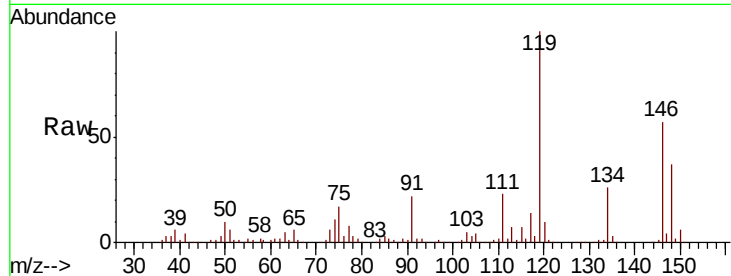
Tot Ion:146 Resp: 205958

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

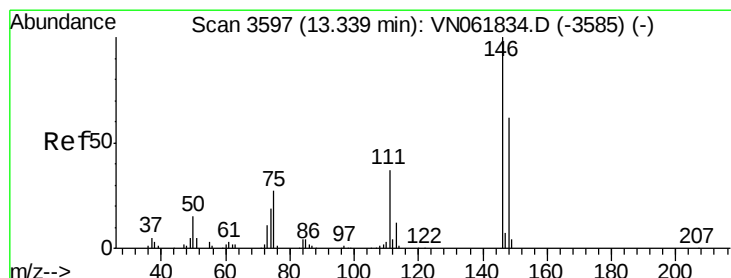
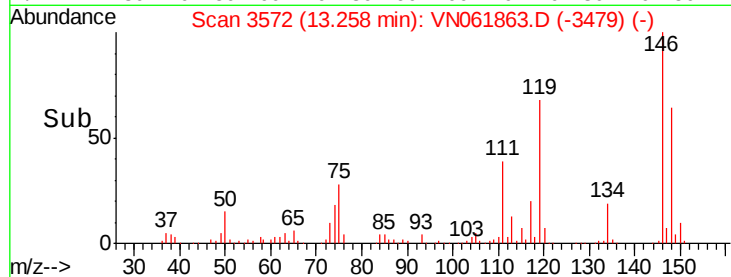
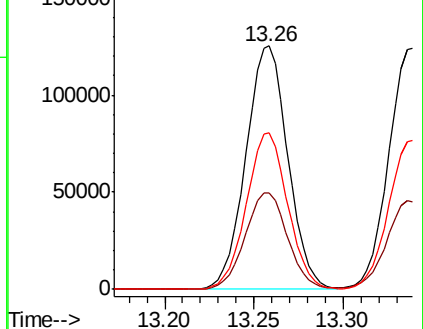
148 63.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.587 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061863.D

Acq: 17 Jun 2020 21:04

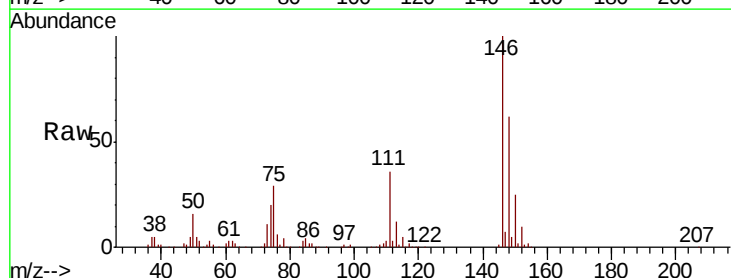
Tgt Ion:146 Resp: 206732

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

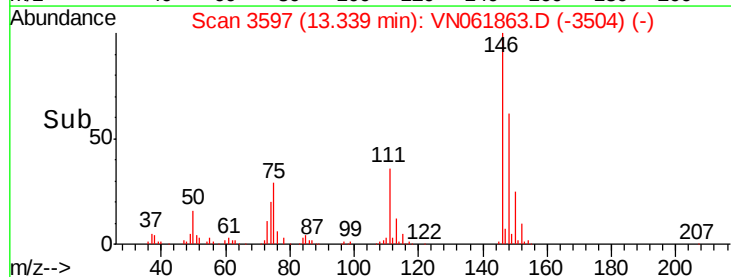
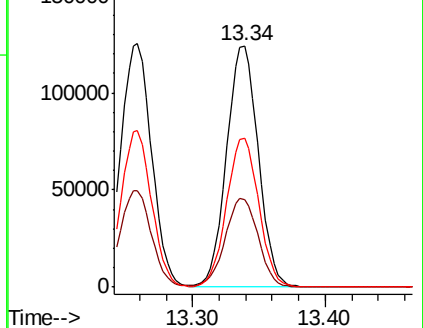
148 62.7 31.6 94.7

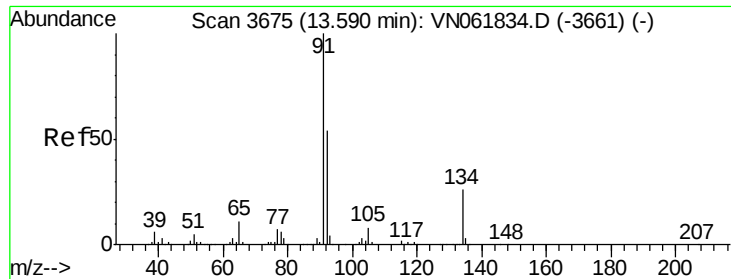


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

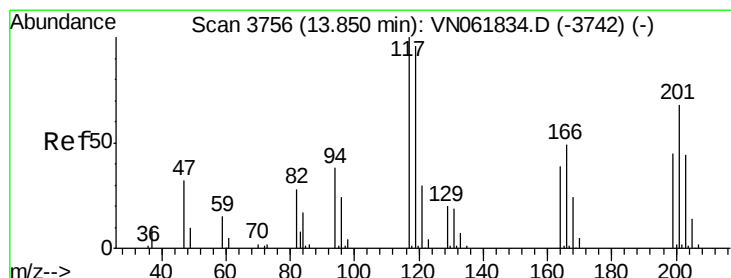
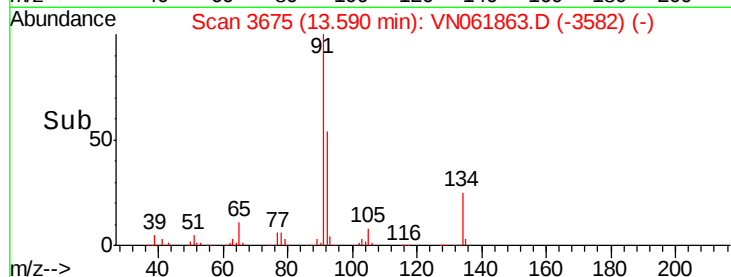
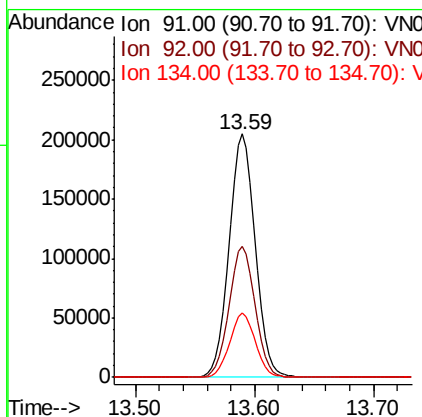
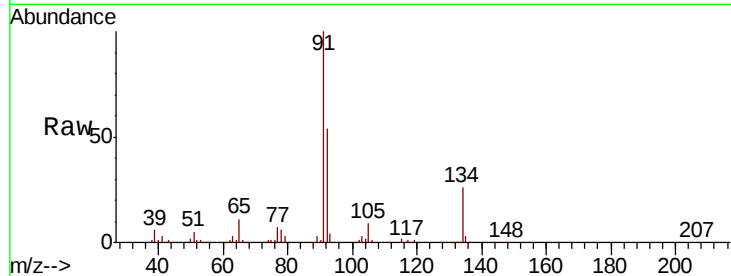




#89
n-Butylbenzene
Concen: 47.298 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

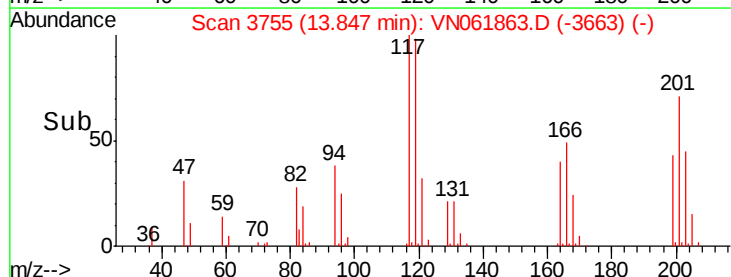
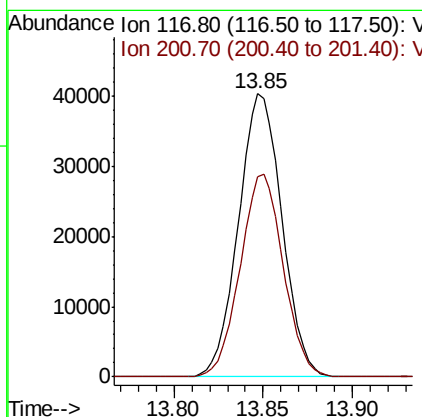
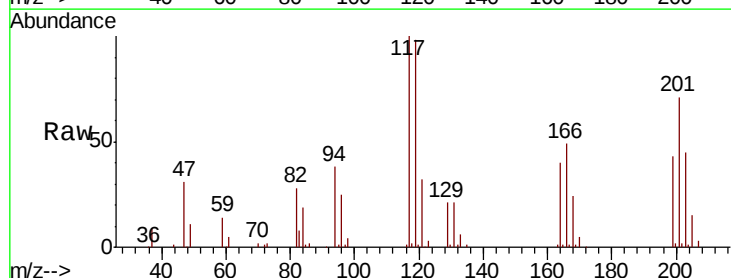
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 311115
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 26.1 13.0 39.0



#90
Hexachloroethane
Concen: 47.487 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion: 117 Resp: 68464
Ion Ratio Lower Upper
117 100
201 70.9 34.6 103.8

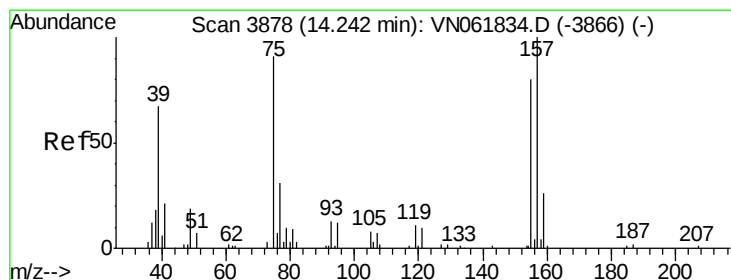
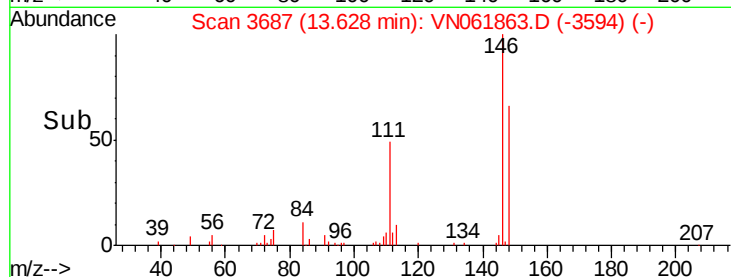
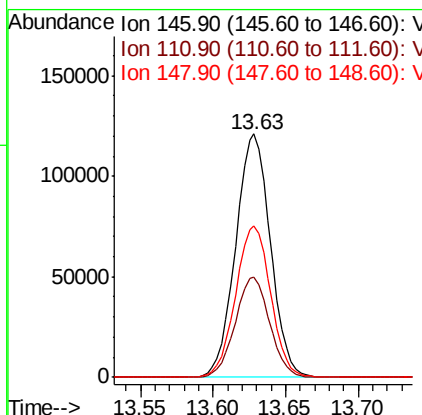
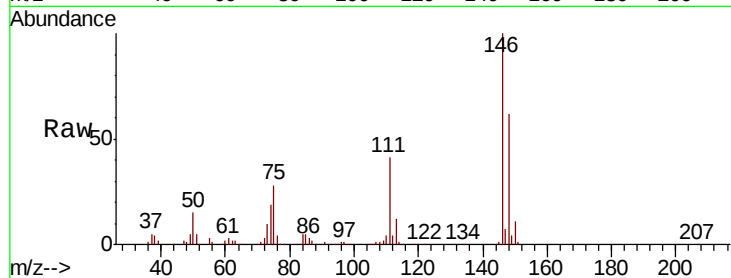




#91
 1,2-Dichlorobenzene
 Concen: 47.160 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

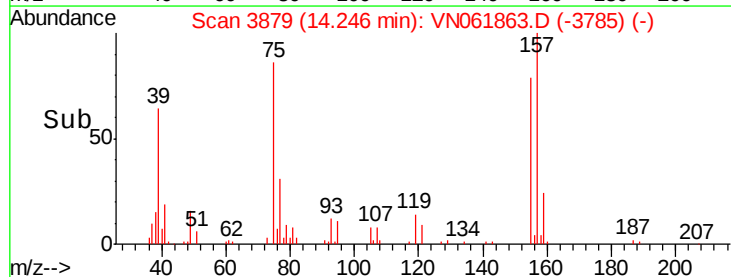
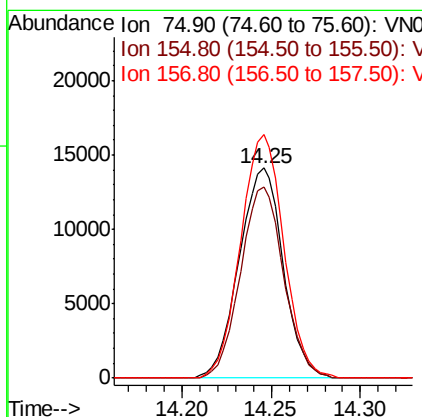
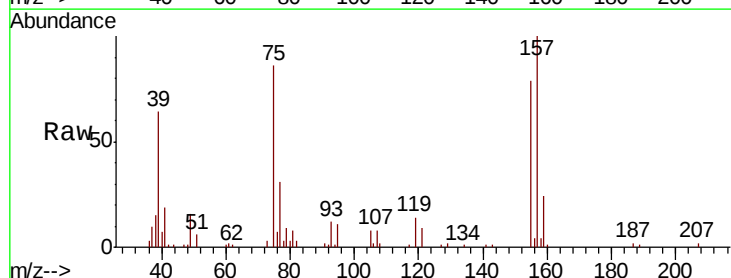
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

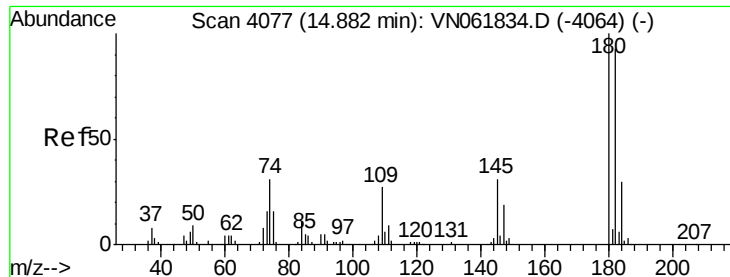
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	62.9	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.921 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	44.4	133.2
157	113.8	57.0	171.2

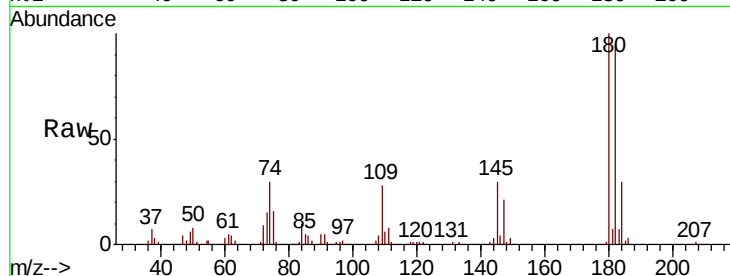




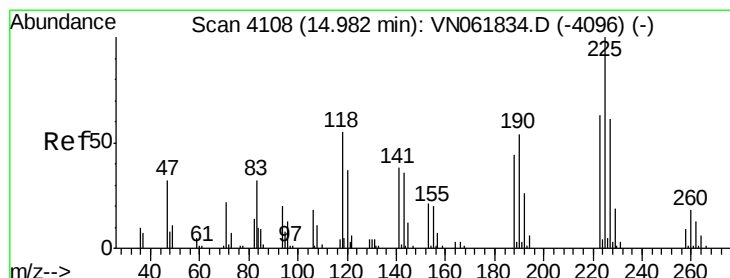
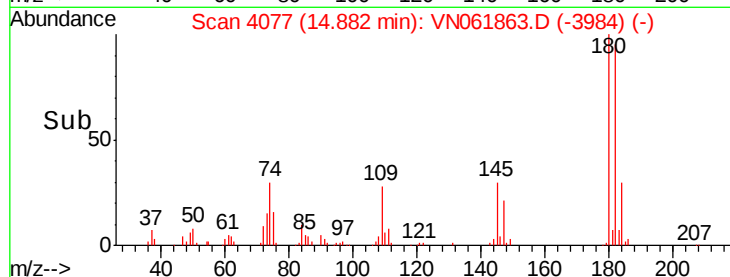
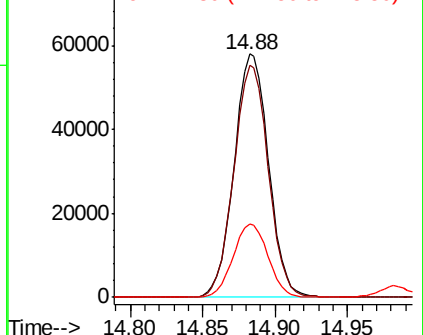
#93
 1,2,4-Trichlorobenzene
 Concen: 47.518 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 95633
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.2
 145 30.5 15.8 47.3

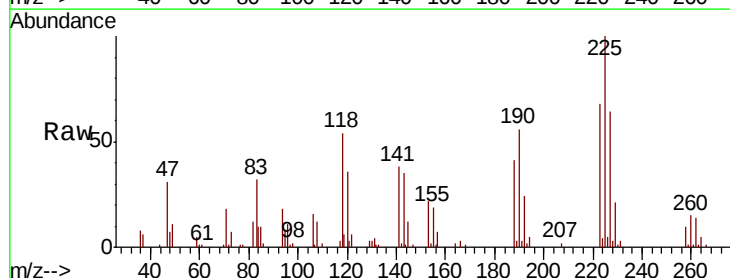


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

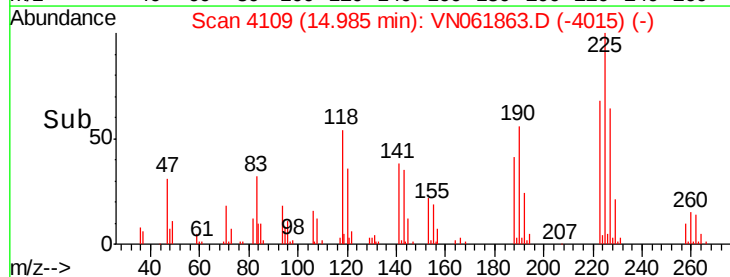
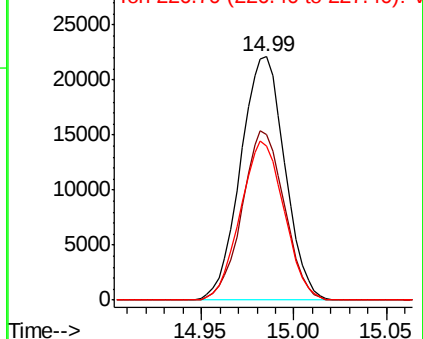


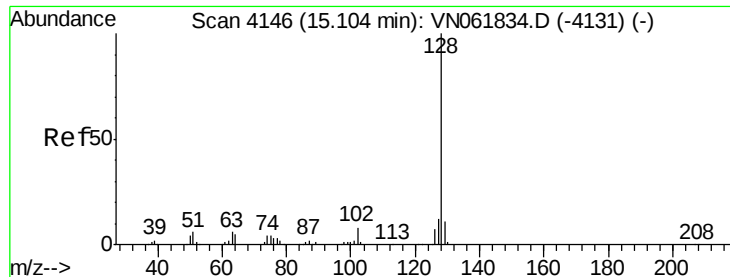
#94
 Hexachlorobutadiene
 Concen: 46.184 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061863.D
 Acq: 17 Jun 2020 21:04

Tgt Ion:225 Resp: 36608
 Ion Ratio Lower Upper
 225 100
 223 66.2 31.7 95.1
 227 64.3 30.1 90.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

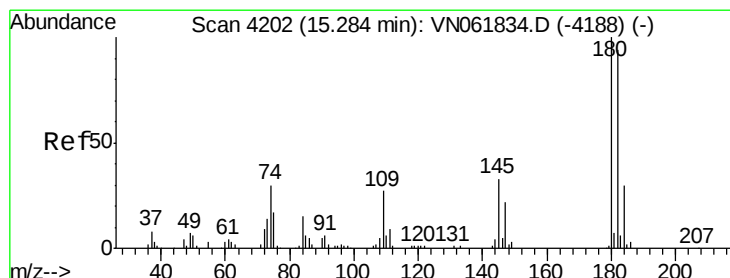
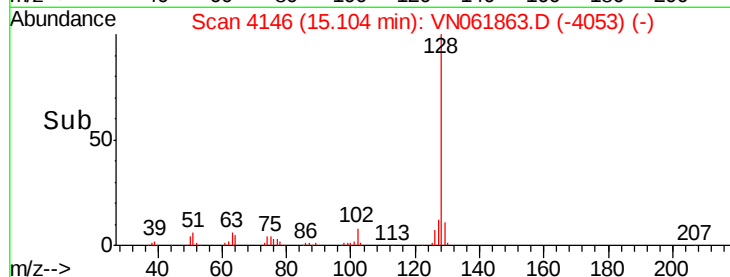
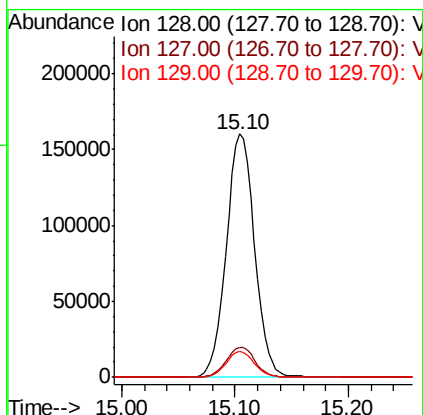
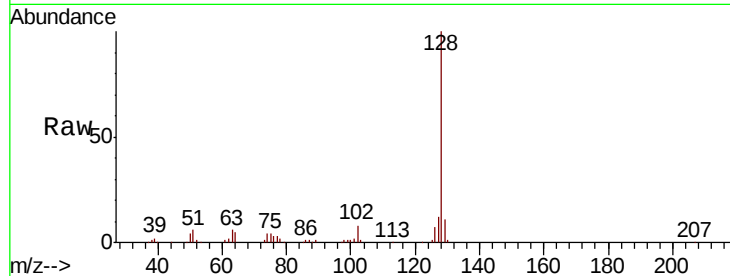




#95
Naphthalene
Concen: 42.051 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 279396
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.505 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061863.D
Acq: 17 Jun 2020 21:04

Tgt Ion:180 Resp: 96680
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 32.6 16.5 49.5

