

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061944.D
 Acq On : 19 Jun 2020 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 07:30:48 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	7.62	168	186326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147451	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	112267	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
35) Dibromofluoromethane	7.54	113	93776	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	373368	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.37	95	130722	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	119747	49.396	ug/l	98
3) Chloromethane	2.03	50	117332	45.367	ug/l	99
4) Vinyl Chloride	2.16	62	146851	47.629	ug/l	100
5) Bromomethane	2.52	94	105031	44.361	ug/l	97
6) Chloroethane	2.66	64	96994	46.483	ug/l	98
7) Trichlorofluoromethane	2.98	101	178316	48.418	ug/l	99
8) Diethyl Ether	3.37	74	62724	50.661	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95283	50.430	ug/l	99
10) Methyl Iodide	3.91	142	118942	51.931	ug/l	99
11) Tert butyl alcohol	4.73	59	75117	217.228	ug/l	97
12) 1,1-Dichloroethene	3.69	96	93630	49.457	ug/l	99
13) Acrolein	3.56	56	55394	268.025	ug/l	99
14) Allyl chloride	4.27	41	125038	49.764	ug/l	98
15) Acrylonitrile	4.92	53	210920	246.163	ug/l	99
16) Acetone	3.77	43	217404	294.533	ug/l	100
17) Carbon Disulfide	4.00	76	259753	46.892	ug/l	99
18) Methyl Acetate	4.27	43	101314	47.675	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	310126	49.200	ug/l	100
20) Methylene Chloride	4.50	84	108707	45.204	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	102293	47.042	ug/l	100
22) Diisopropyl ether	5.90	45	284596	49.525	ug/l	99
23) Vinyl Acetate	5.84	43	1137011	251.570	ug/l	99
24) 1,1-Dichloroethane	5.79	63	181288	48.192	ug/l	97
25) 2-Butanone	6.78	43	279470	259.505	ug/l	98
26) 2,2-Dichloropropane	6.77	77	160649	50.760	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120730	48.118	ug/l	98
28) Bromochloromethane	7.15	49	86025	51.361	ug/l	98
29) Tetrahydrofuran	7.16	42	173602	244.945	ug/l	99
30) Chloroform	7.32	83	188167	46.804	ug/l	99
31) Cyclohexane	7.61	56	153336	46.563	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	163534	47.763	ug/l	99
36) 1,1-Dichloropropene	7.75	75	143104	50.092	ug/l	99
37) Ethyl Acetate	6.88	43	114083	51.137	ug/l	100
38) Carbon Tetrachloride	7.73	117	140562	49.685	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	167965	54.601	ug/l	98
40) Benzene	8.00	78	431968	49.915	ug/l	98
41) Methacrylonitrile	7.12	41	49945	52.355	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147560	50.007	ug/l	100
43) Isopropyl Acetate	8.12	43	197400	52.505	ug/l	100
44) Trichloroethene	8.80	130	112759	49.510	ug/l	100
45) 1,2-Dichloropropane	9.08	63	108986	51.246	ug/l	100
46) Dibromomethane	9.17	93	74527	49.764	ug/l	99
47) Bromodichloromethane	9.37	83	155494	50.705	ug/l	98
48) Methyl methacrylate	9.17	41	90235	52.777	ug/l	97
49) 1,4-Dioxane	9.17	88	38621	983.886	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	581794	261.870	ug/l	100
52) Toluene	10.12	92	284024	52.258	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172857	53.098	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	188153	53.212	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	110477	51.664	ug/l	99
56) Ethyl methacrylate	10.40	69	156625	48.070	ug/l	98
57) 1,3-Dichloropropane	10.68	76	187607	51.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	238158	211.026	ug/l	98
59) 2-Hexanone	10.72	43	439025	247.490	ug/l	99
60) Dibromochloromethane	10.87	129	121493	50.917	ug/l	99
61) 1,2-Dibromoethane	10.98	107	112073	50.192	ug/l	100
64) Tetrachloroethene	10.60	164	94255	50.018	ug/l	99
65) Chlorobenzene	11.40	112	301667	48.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107030	49.191	ug/l	98
67) Ethyl Benzene	11.48	91	535774	51.221	ug/l	100
68) m/p-Xylenes	11.59	106	419593	104.030	ug/l	99
69) o-Xylene	11.92	106	198462	51.570	ug/l	98
70) Styrene	11.94	104	339470	52.682	ug/l	100
71) Bromoform	12.10	173	79873	50.346	ug/l #	100
73) Isopropylbenzene	12.22	105	526536	50.251	ug/l	99
74) N-amyl acetate	12.04	43	178428	47.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	163408	47.967	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	202298	69.882	ug/l #	100
77) Bromobenzene	12.50	156	126346	47.795	ug/l	98
78) n-propylbenzene	12.56	91	607372	50.801	ug/l	100
79) 2-Chlorotoluene	12.65	91	352596	49.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	442859	51.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55019	51.837	ug/l	99
82) 4-Chlorotoluene	12.75	91	371488	50.067	ug/l	99
83) tert-Butylbenzene	12.97	119	363319	49.437	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	438879	51.288	ug/l	100
85) sec-Butylbenzene	13.15	105	500021	51.982	ug/l	99
86) p-Isopropyltoluene	13.26	119	450005	52.501	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	233665	48.465	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	232832	47.178	ug/l	99
89) n-Butylbenzene	13.59	91	384844	53.762	ug/l	99
90) Hexachloroethane	13.85	117	80008	50.993	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	224410	48.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26981	48.786	ug/l	95

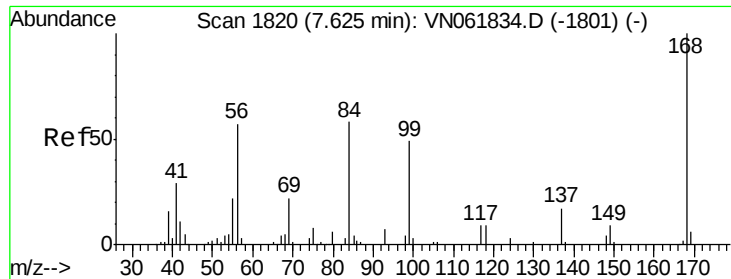
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	113213	51.690	ug/l	99
94) Hexachlorobutadiene	14.98	225	48593	56.331	ug/l	98
95) Naphthalene	15.10	128	318230	43.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	111033	51.188	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

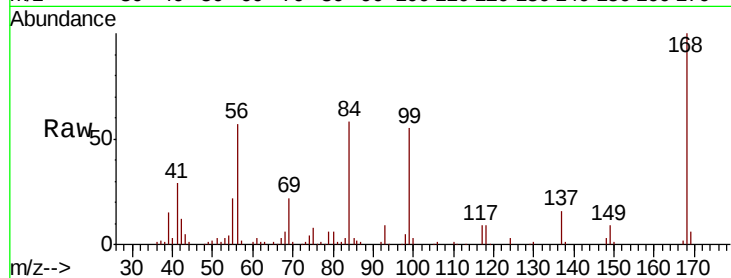
VSTDCCC050

Tot Ion:168 Resp: 186326

Ion Ratio Lower Upper

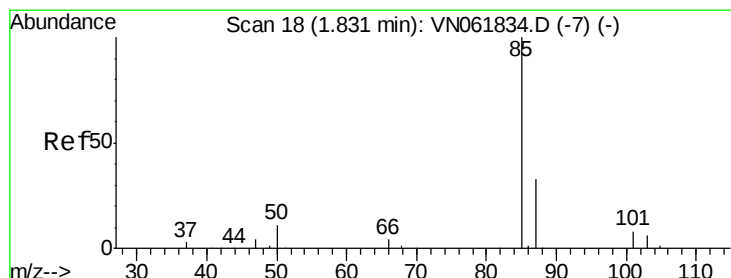
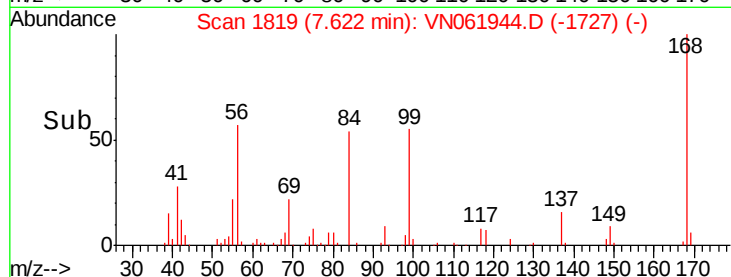
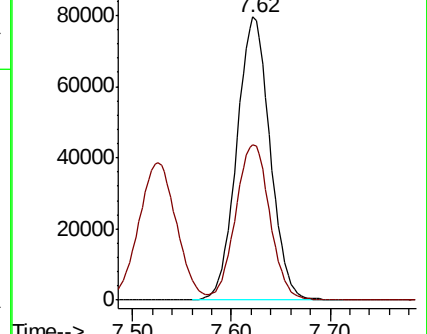
168 100

99 55.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.396 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061944.D

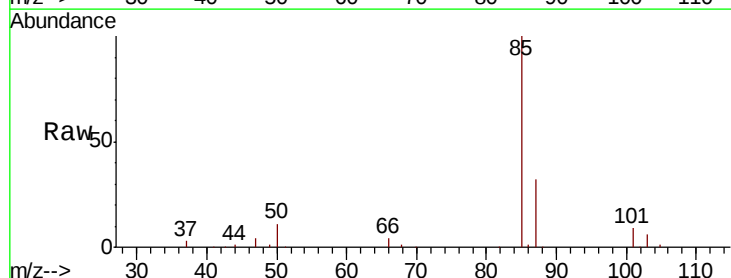
Acq: 19 Jun 2020 11:18

Tgt Ion: 85 Resp: 119747

Ion Ratio Lower Upper

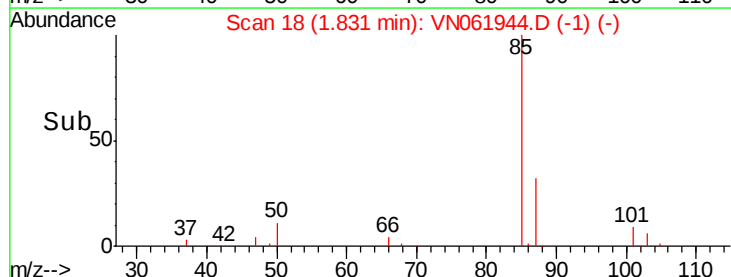
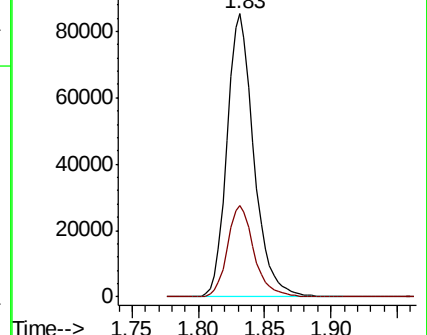
85 100

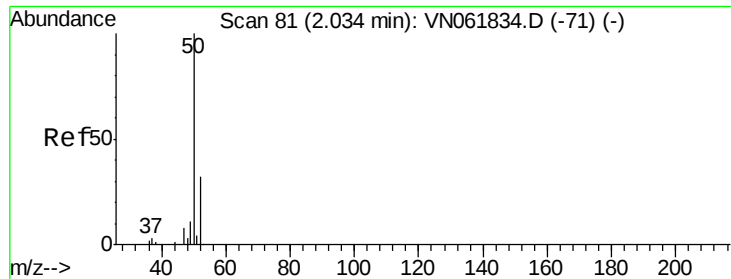
87 32.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

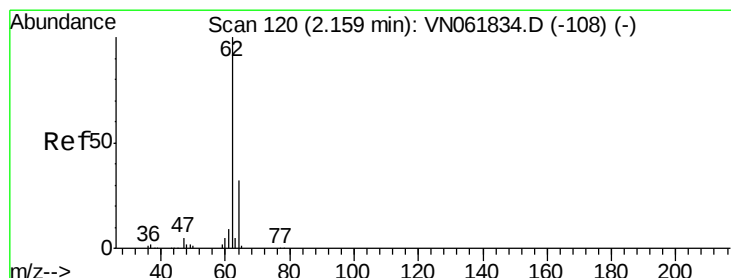
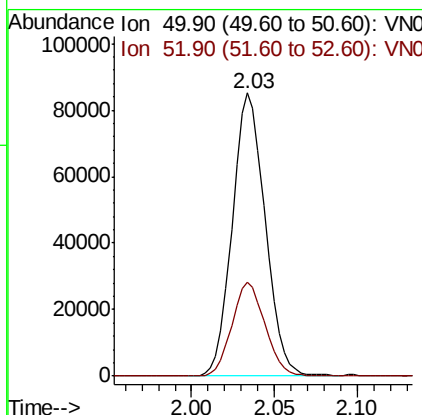
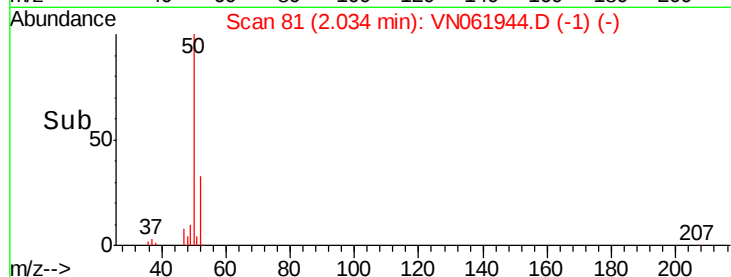
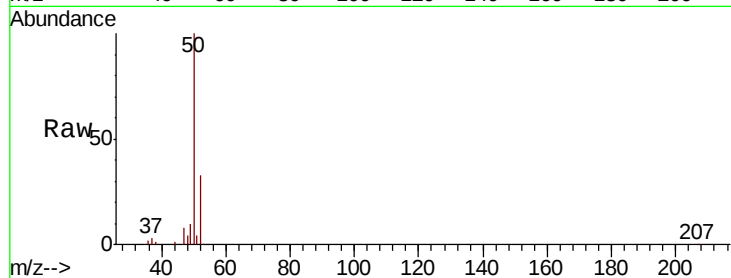




#3
Chloromethane
Concen: 45.367 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

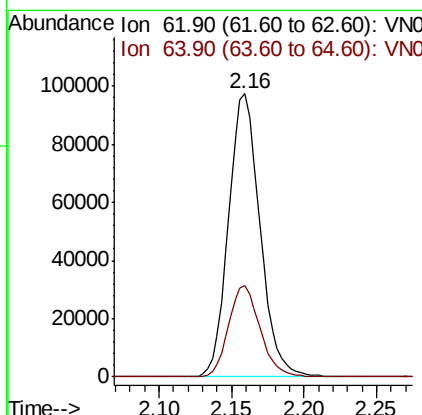
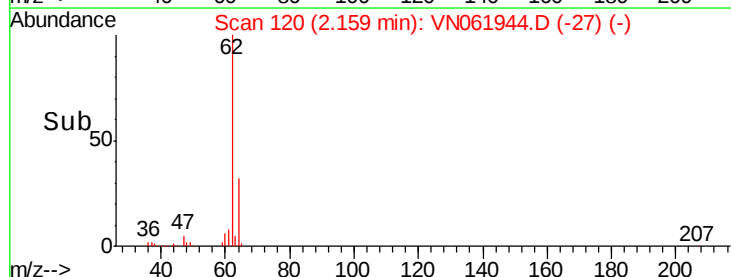
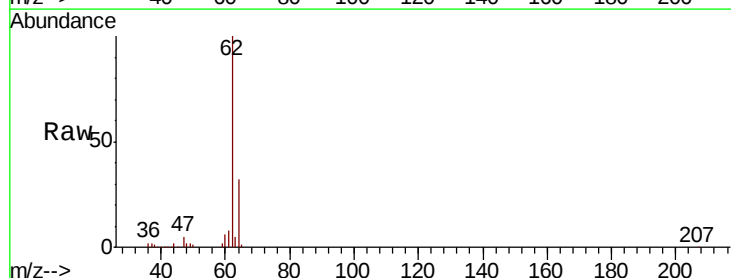
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

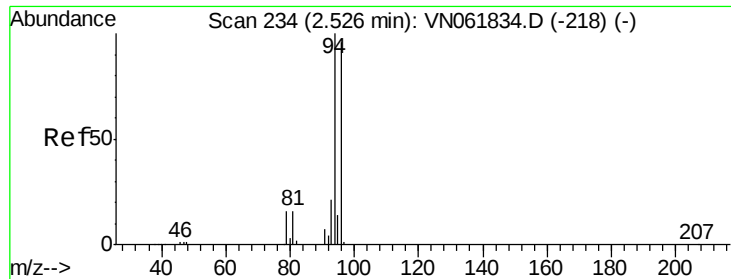
Tot Ion: 50 Resp: 117332
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0



#4
Vinyl Chloride
Concen: 47.629 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 62 Resp: 146851
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3





#5

Bromomethane

Concen: 44.361 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

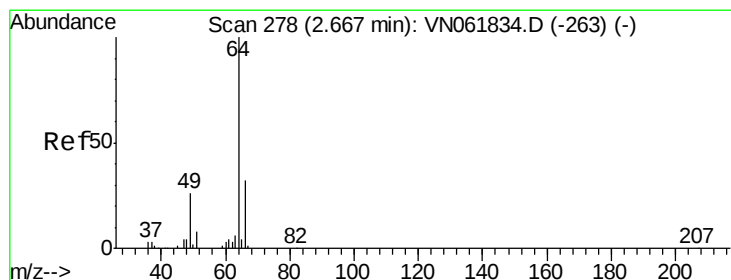
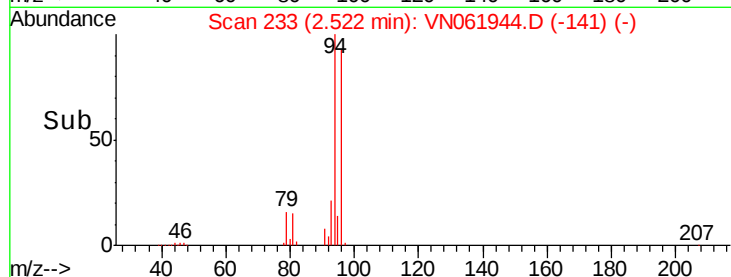
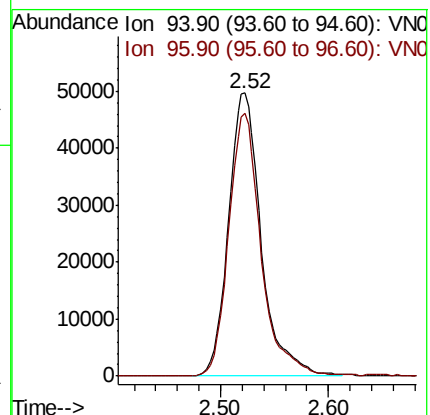
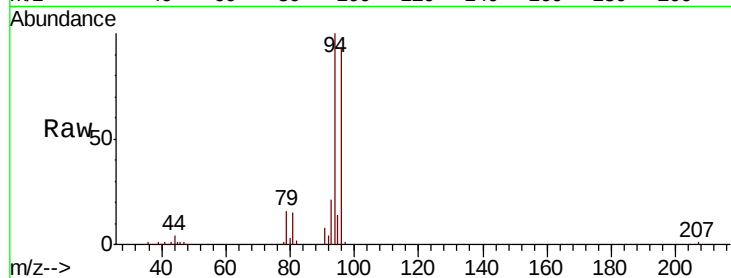
VSTDCCC050

Tot Ion: 94 Resp: 105031

Ion Ratio Lower Upper

94 100

96 93.1 76.7 115.1



#6

Chloroethane

Concen: 46.483 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061944.D

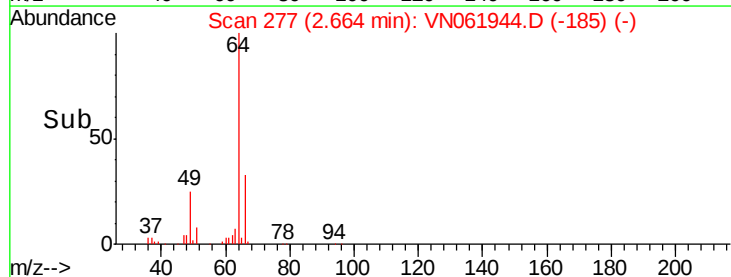
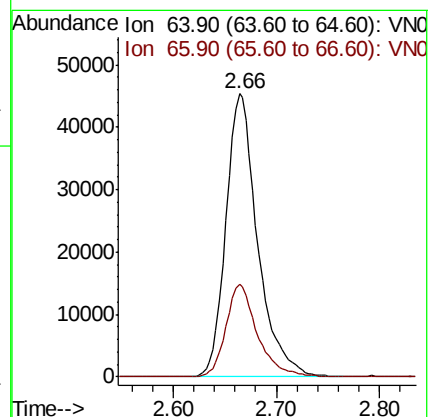
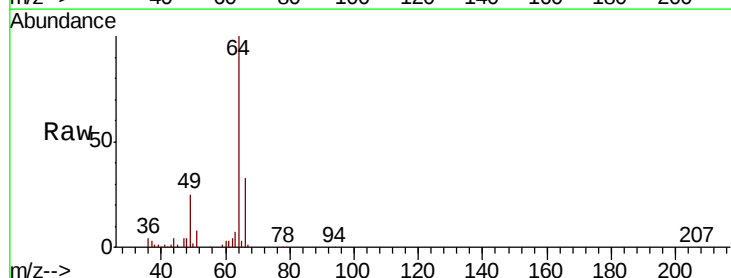
Acq: 19 Jun 2020 11:18

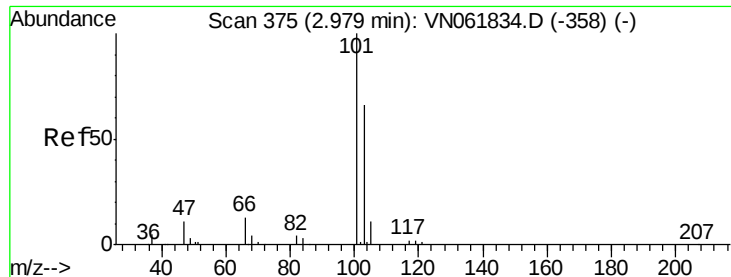
Tgt Ion: 64 Resp: 96994

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.2



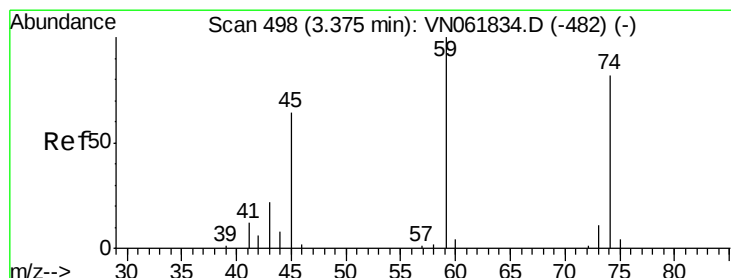
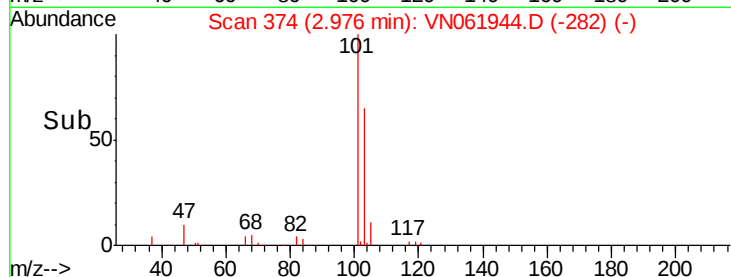
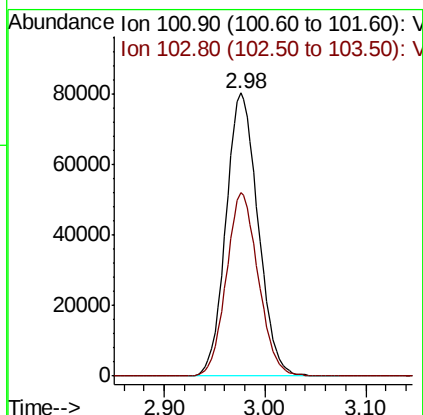
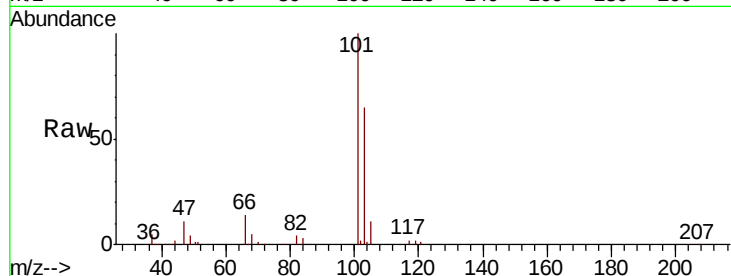


#7

Trichlorofluoromethane
Concen: 48.418 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

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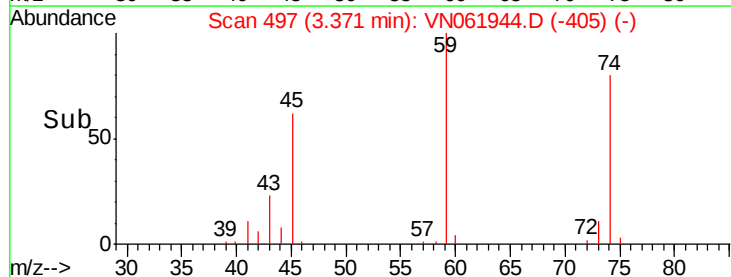
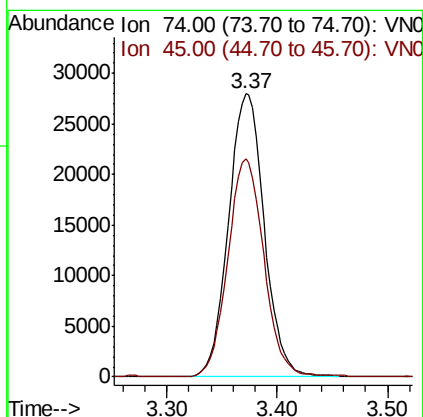
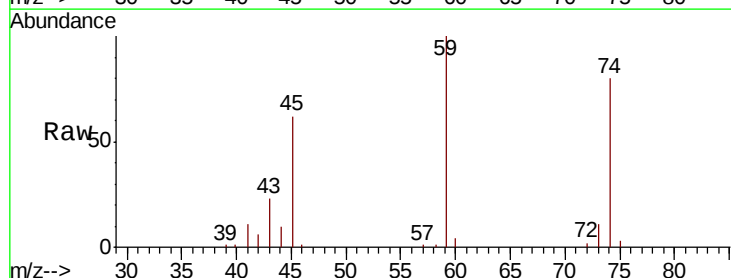
Tot Ion:101 Resp: 178316
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

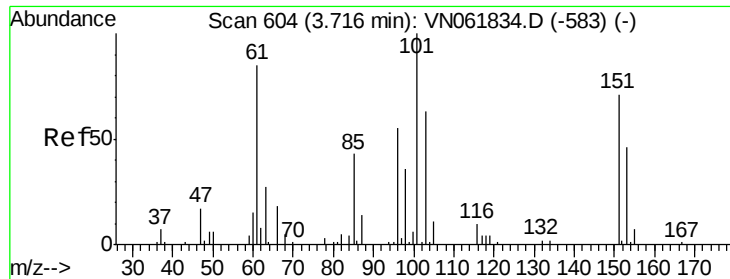


#8

Diethyl Ether
Concen: 50.661 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 74 Resp: 62724
Ion Ratio Lower Upper
74 100
45 77.9 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.430 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

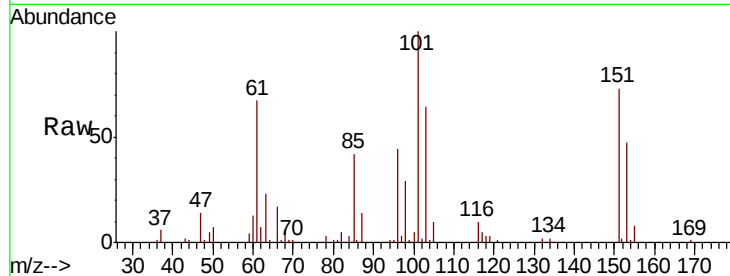
Tot Ion:101 Resp: 95283

Ion Ratio Lower Upper

101 100

85 44.0 35.0 52.6

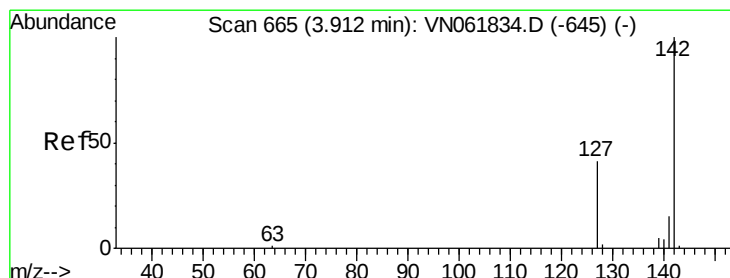
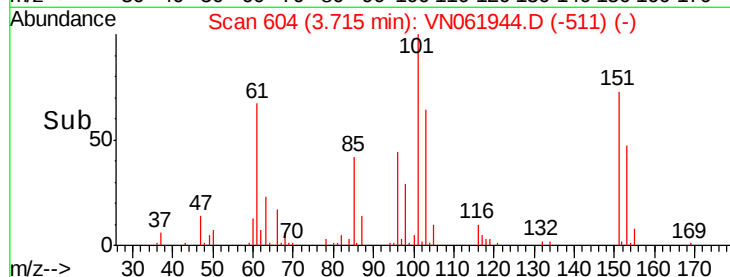
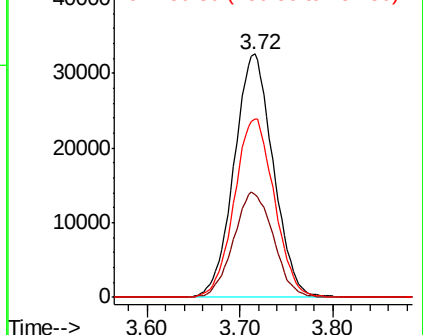
151 74.9 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.931 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

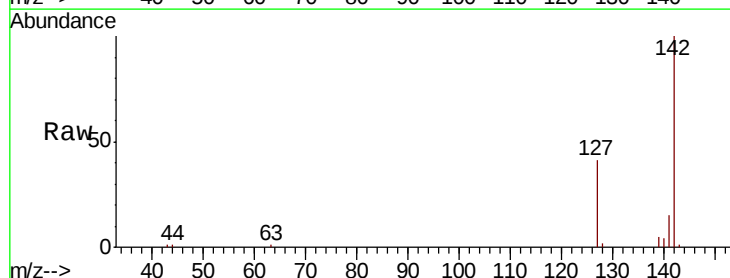
Tgt Ion:142 Resp: 118942

Ion Ratio Lower Upper

142 100

127 40.9 33.4 50.0

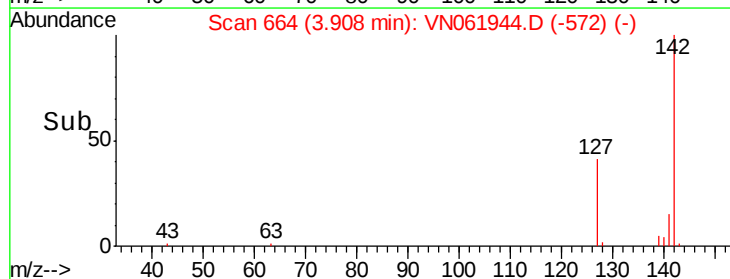
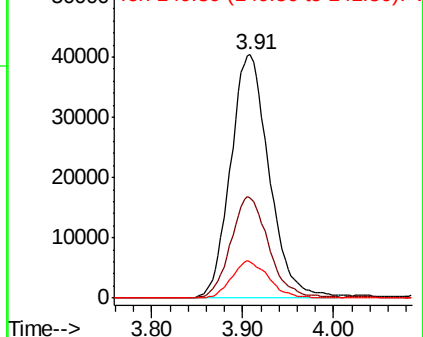
141 14.6 11.3 16.9

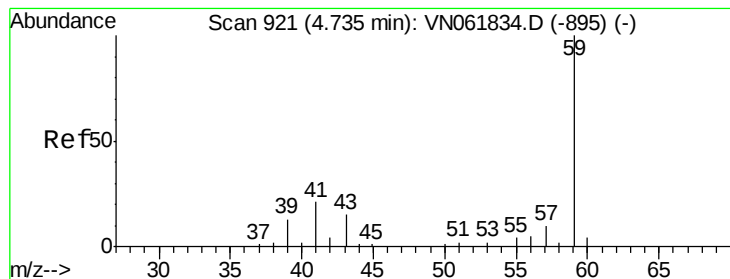


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



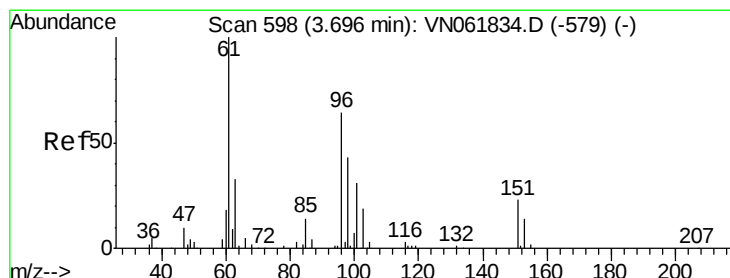
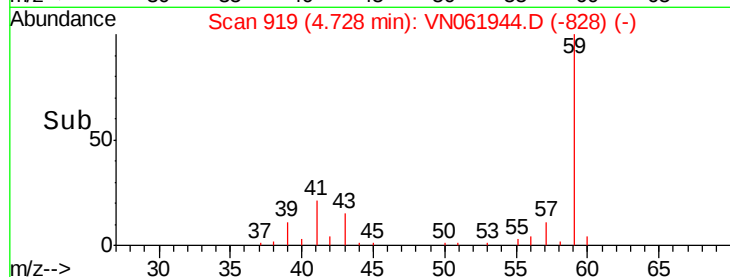
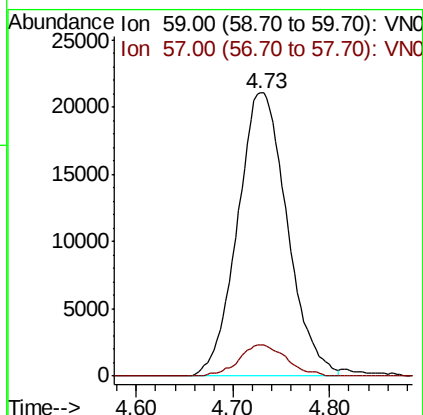
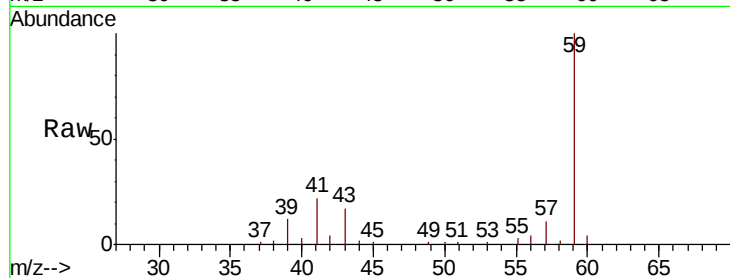


#11

Tert butyl alcohol
 Concen: 217.228 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

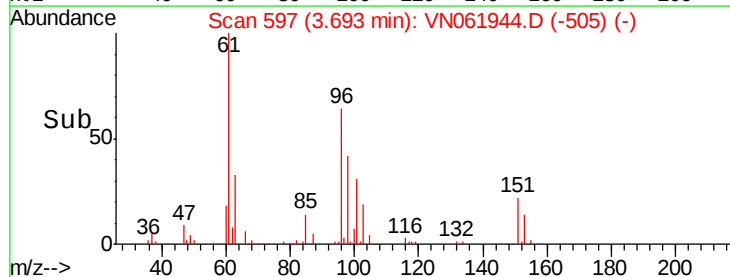
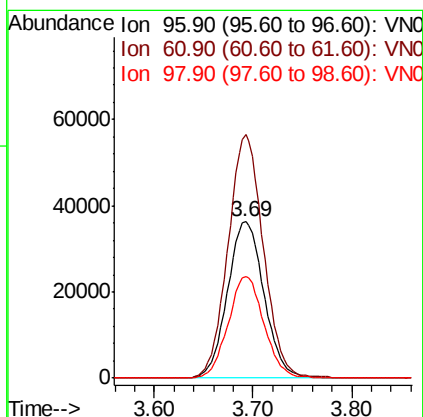
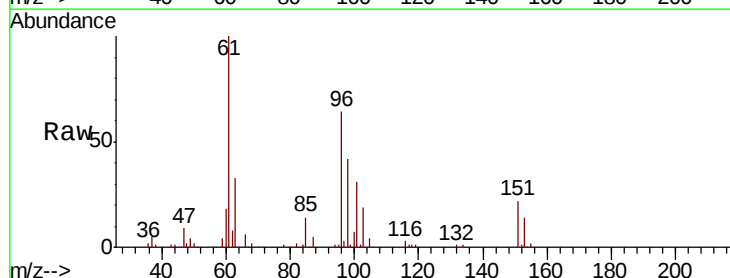
Tot Ion: 59 Resp: 75117
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.7 11.5

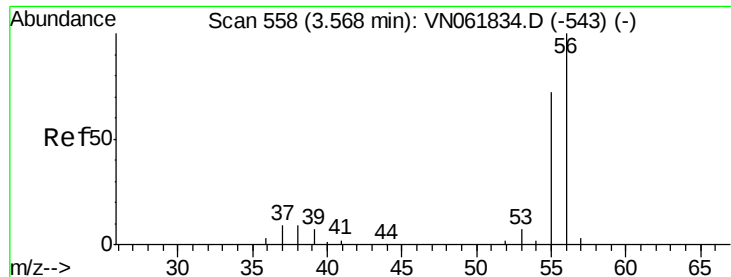


#12

1,1-Dichloroethene
 Concen: 49.457 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 96 Resp: 93630
 Ion Ratio Lower Upper
 96 100
 61 155.9 124.3 186.5
 98 65.2 53.1 79.7





#13

Acrolein

Concen: 268.025 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

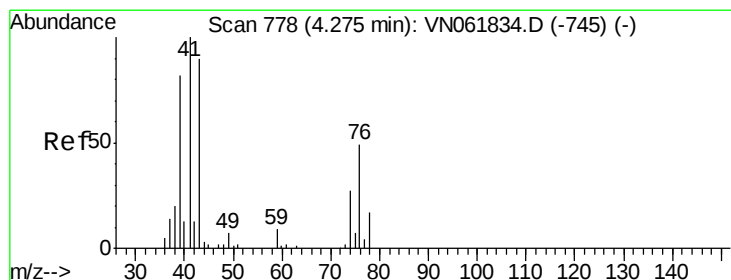
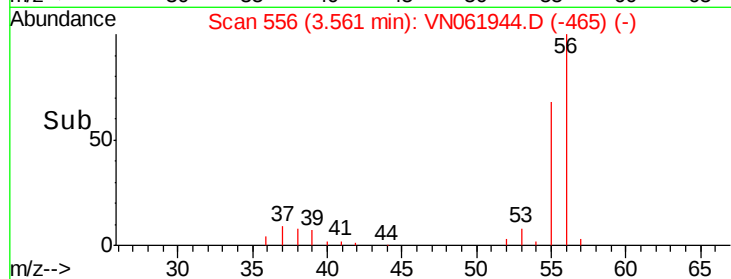
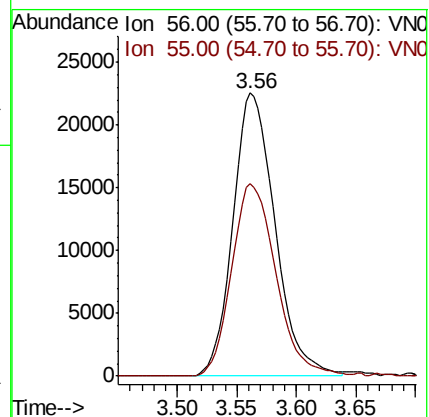
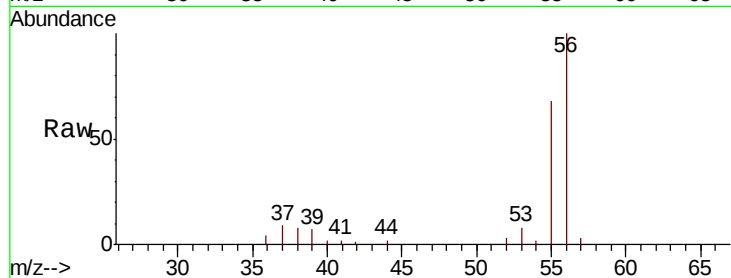
VSTDCCC050

Tot Ion: 56 Resp: 55394

Ion Ratio Lower Upper

56 100

55 71.5 56.2 84.4



#14

Allyl chloride

Concen: 49.764 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

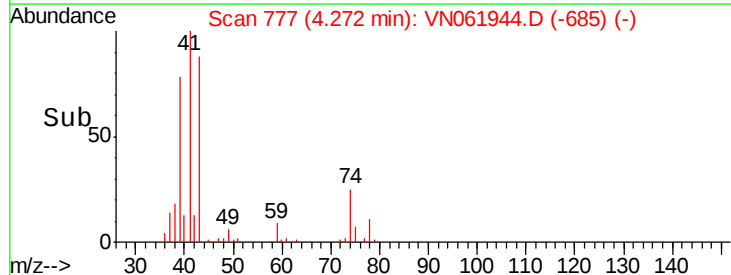
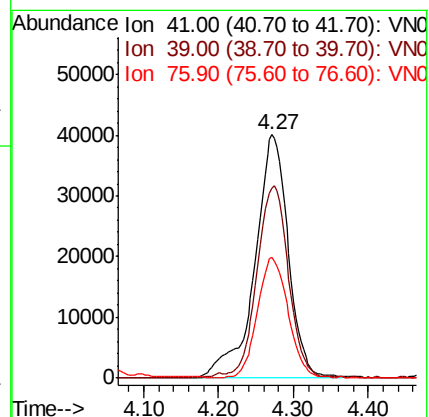
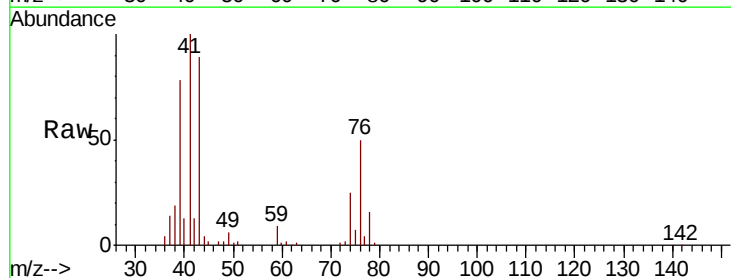
Tgt Ion: 41 Resp: 125038

Ion Ratio Lower Upper

41 100

39 73.2 60.2 90.2

76 45.7 36.3 54.5





#15

Acrylonitrile

Concen: 246.163 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

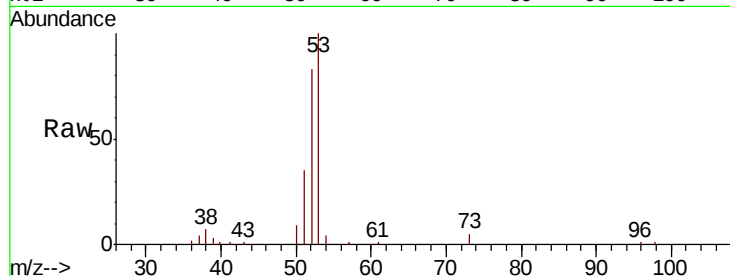
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 210920

Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.2	97.8
51	36.5	29.3	43.9

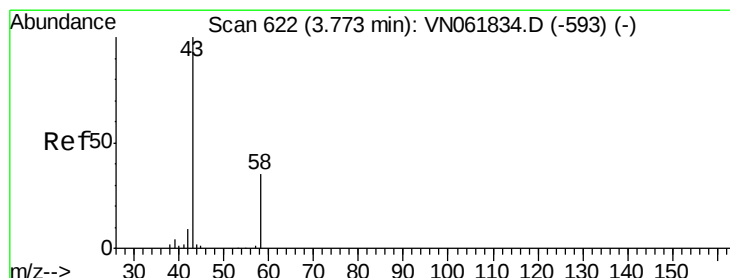
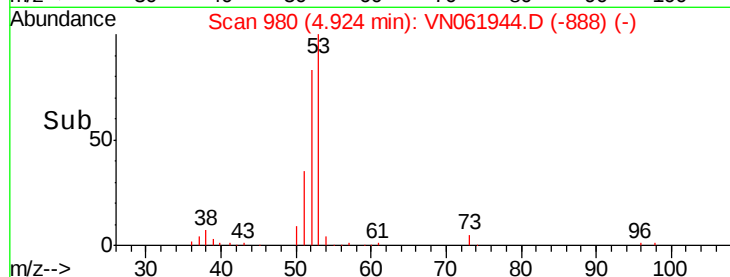
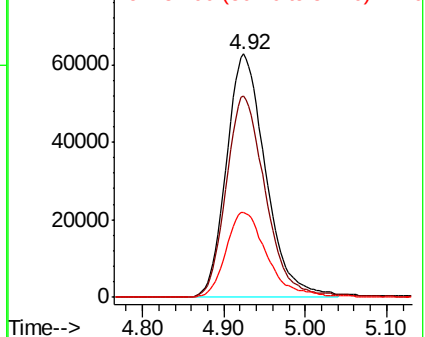


Abundance

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: 294.533 ug/l

RT: 3.77 min Scan# 621

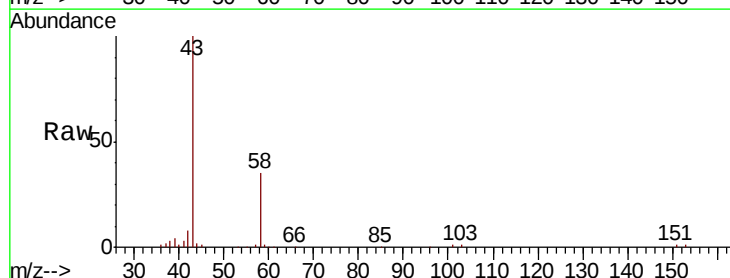
Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Tgt Ion: 43 Resp: 217404

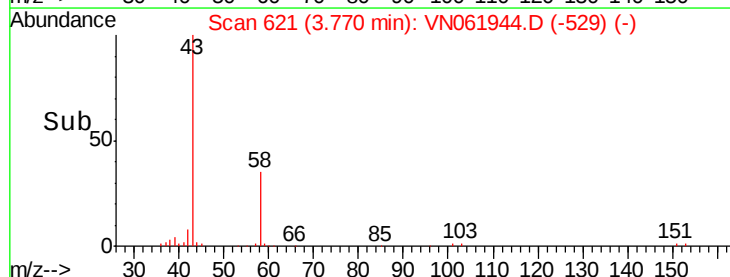
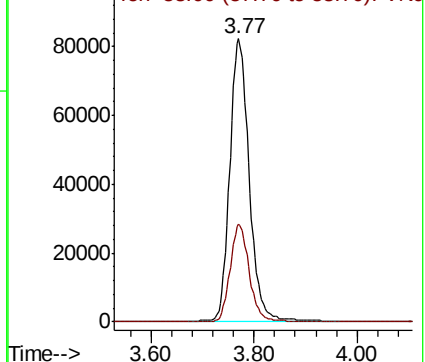
Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.8	41.8

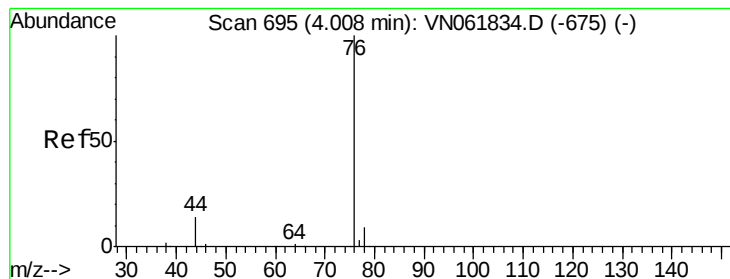


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 46.892 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

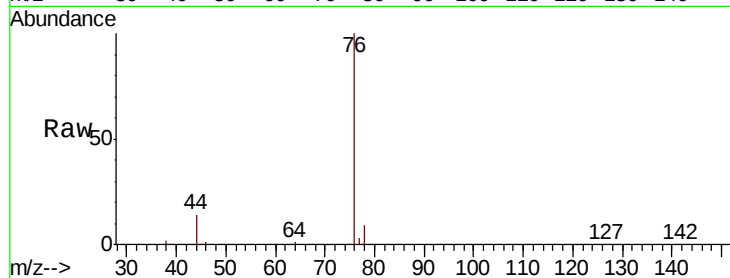
VSTDCCC050

Tot Ion: 76 Resp: 259753

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061834.D (-675) (-)

4.00

100000

80000

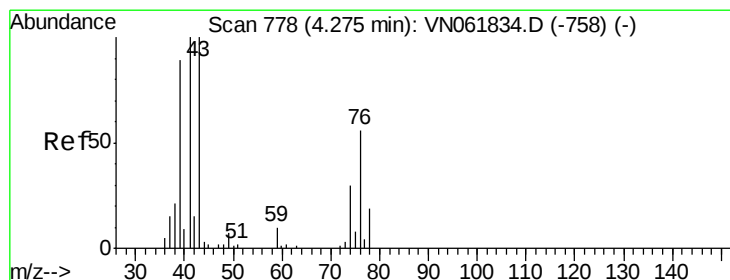
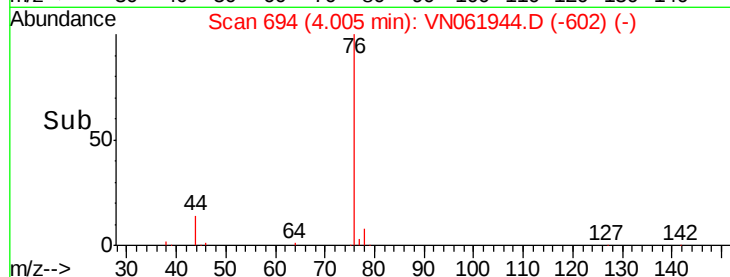
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.675 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061944.D

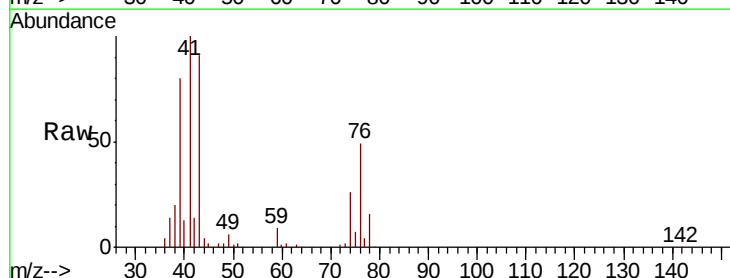
Acq: 19 Jun 2020 11:18

Tgt Ion: 43 Resp: 101314

Ion Ratio Lower Upper

43 100

74 28.9 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061834.D (-758) (-)

4.27

40000

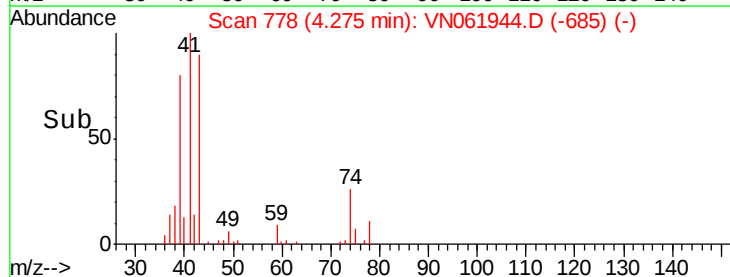
30000

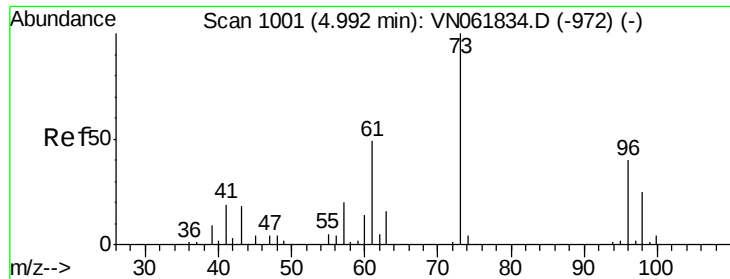
20000

10000

0

Time-->

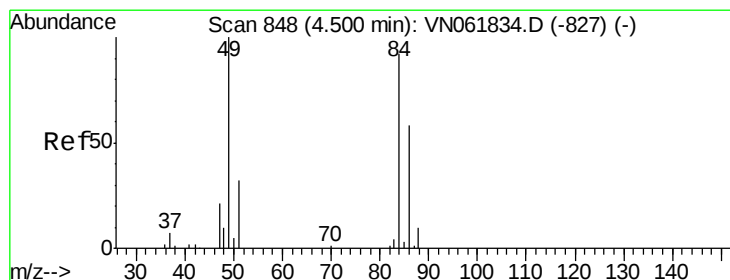
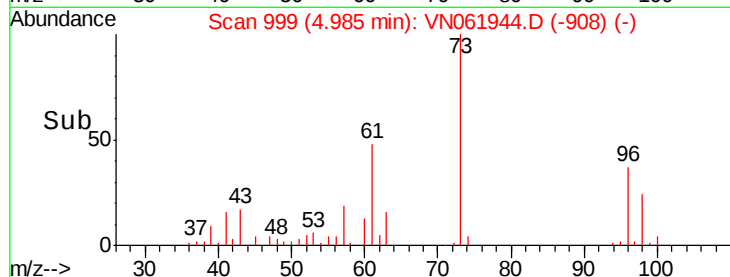
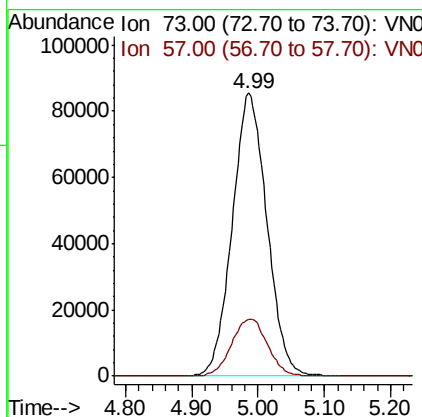
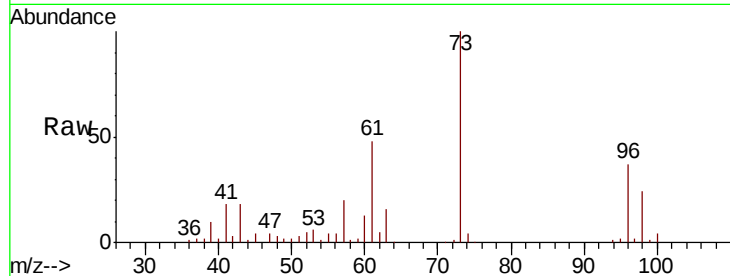




#19
Methvl tert-butvl Ether
Concen: 49.200 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

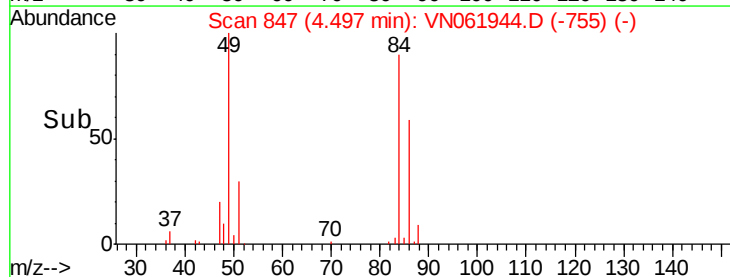
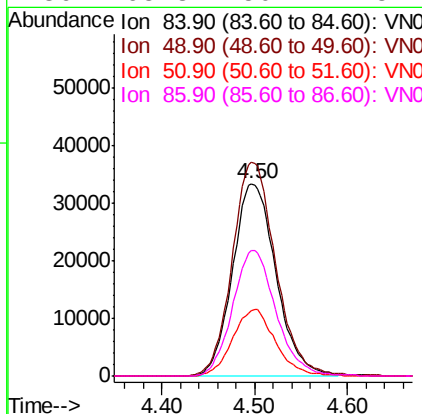
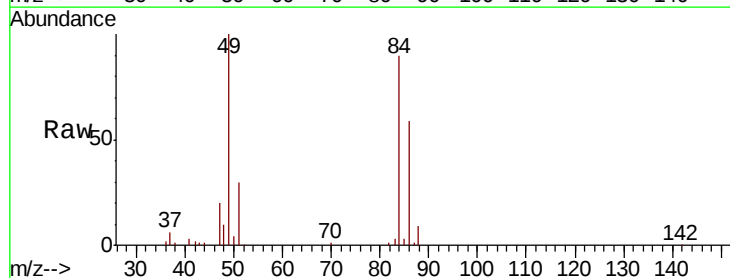
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

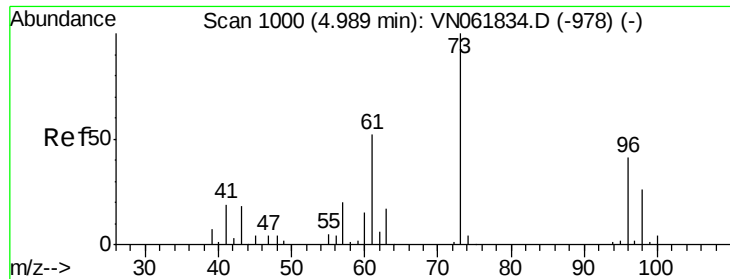
Tot Ion: 73 Resp: 310126
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4



#20
Methylene Chloride
Concen: 45.204 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 84 Resp: 108707
Ion Ratio Lower Upper
84 100
49 111.1 87.0 130.4
51 33.9 27.8 41.6
86 65.3 50.2 75.2

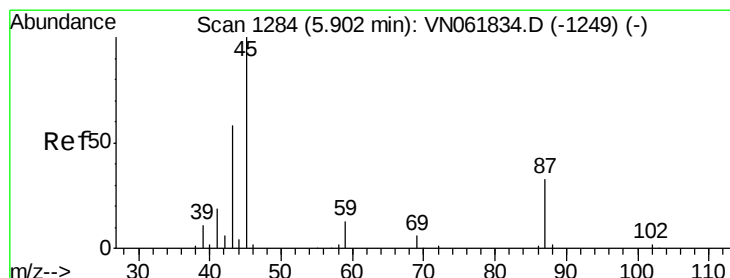
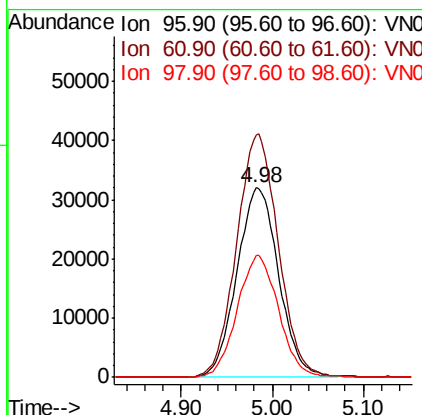
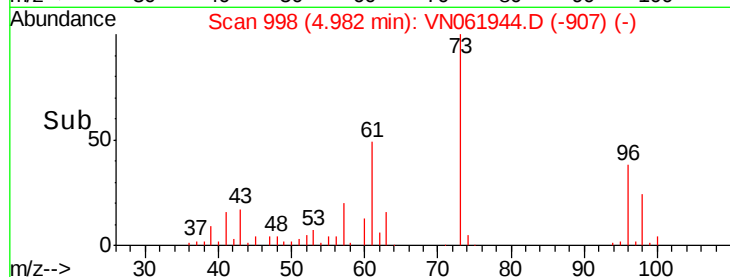
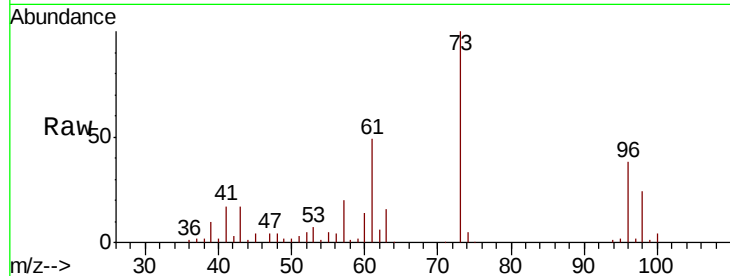




#21
trans-1,2-Dichloroethene
Concen: 47.042 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

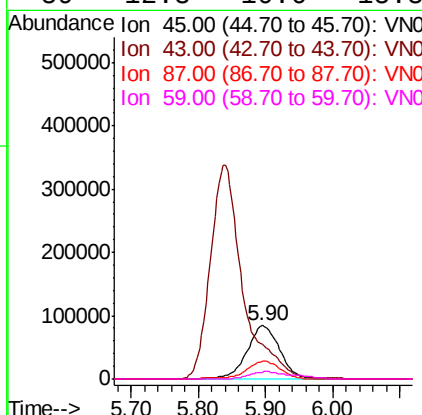
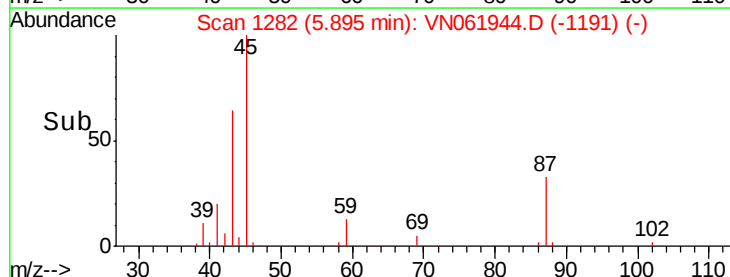
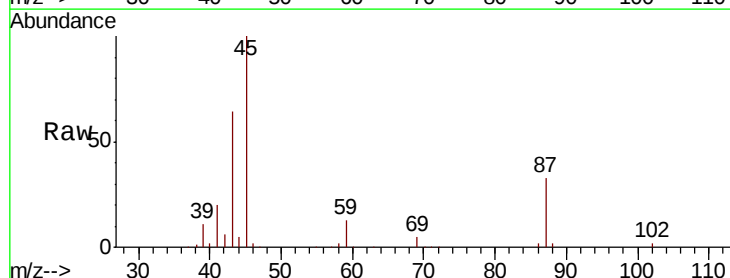
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

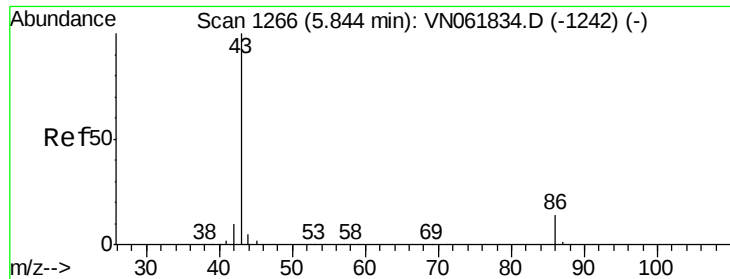
Tot Ion: 96 Resp: 102293
Ion Ratio Lower Upper
96 100
61 127.9 102.2 153.4
98 64.0 51.2 76.8



#22
Diisopropyl ether
Concen: 49.525 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 45 Resp: 284596
Ion Ratio Lower Upper
45 100
43 62.5 49.4 74.2
87 32.9 27.4 41.0
59 12.8 10.6 15.8

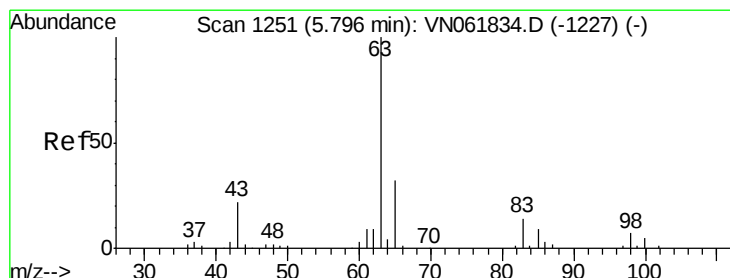
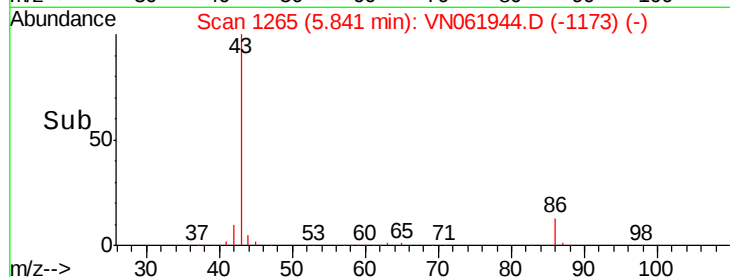
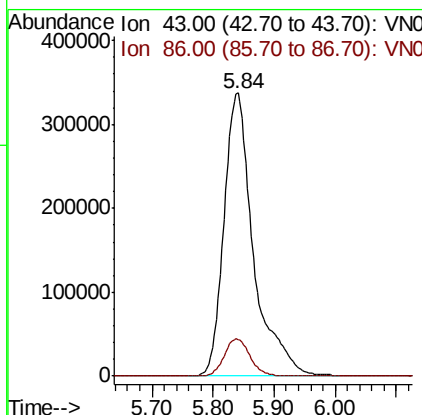
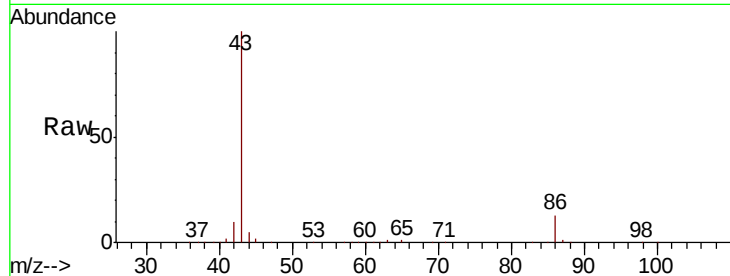




#23
 Vinyl Acetate
 Concen: 251.570 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

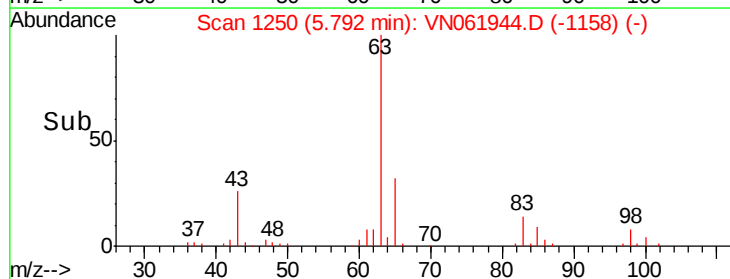
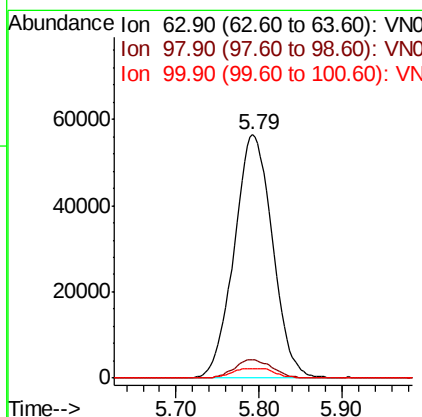
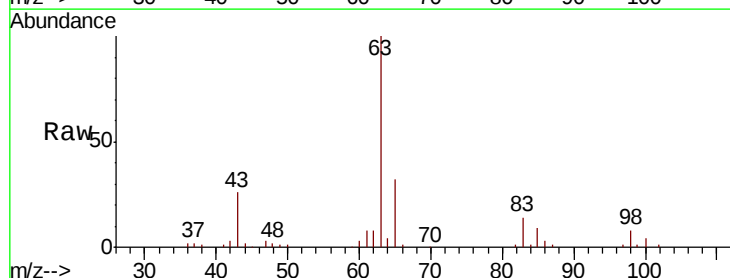
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

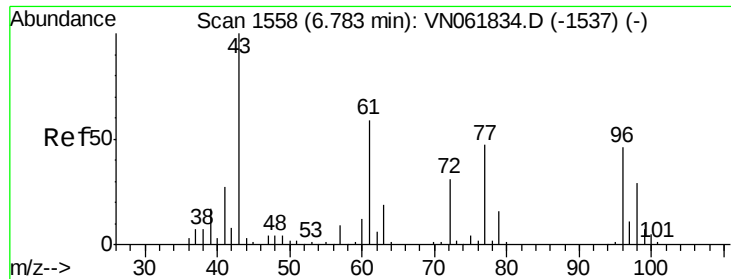
Tot Ion: 43 Resp: 1137011
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 48.192 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 63 Resp: 181288
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 3.9 2.5 7.4





#25

2-Butanone

Concen: 259.505 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

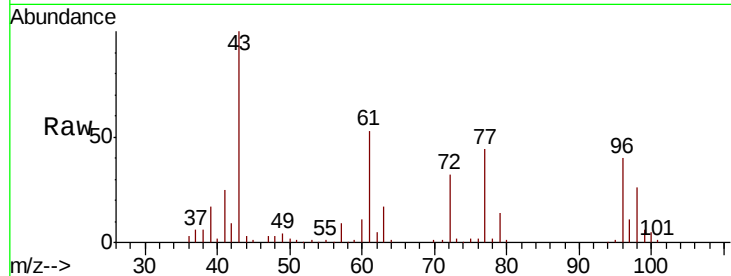
VSTDCCC050

Tot Ion: 43 Resp: 279470

Ion Ratio Lower Upper

43 100

72 32.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)

6.78

100000

80000

60000

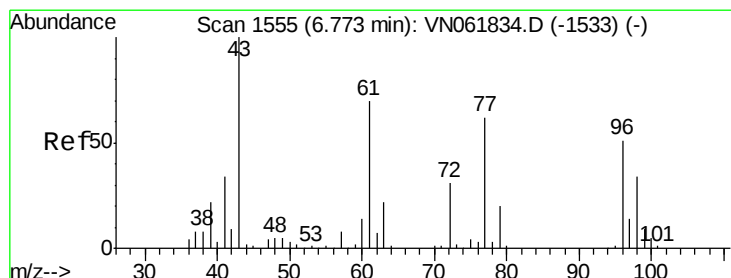
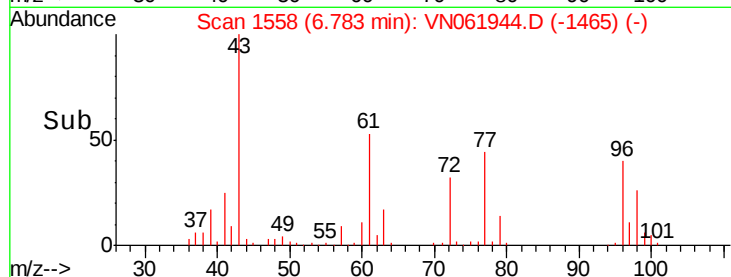
40000

20000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 50.760 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061944.D

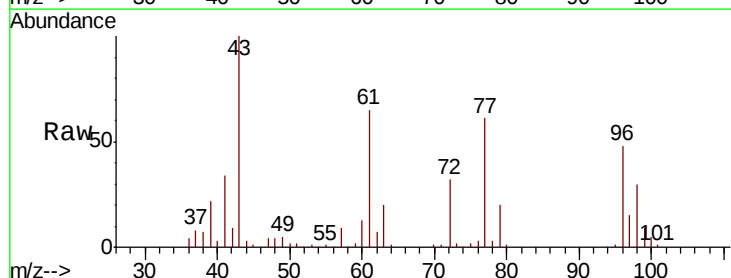
Acq: 19 Jun 2020 11:18

Tgt Ion: 77 Resp: 160649

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)

6.77

60000

50000

40000

30000

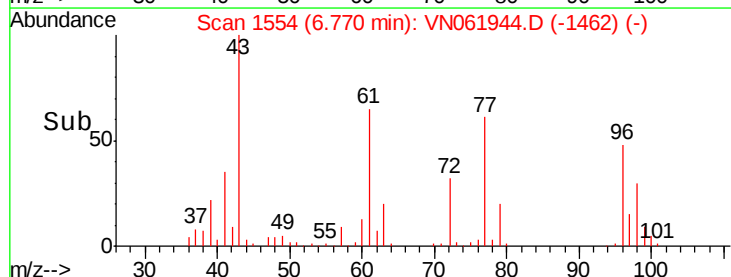
20000

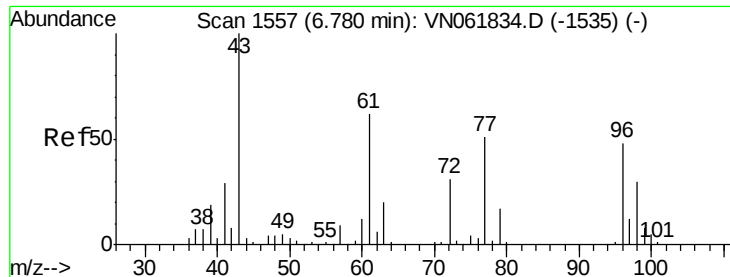
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.118 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

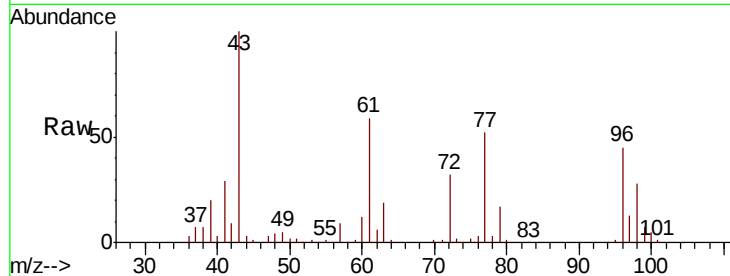
Tot Ion: 96 Resp: 120730

Ion Ratio Lower Upper

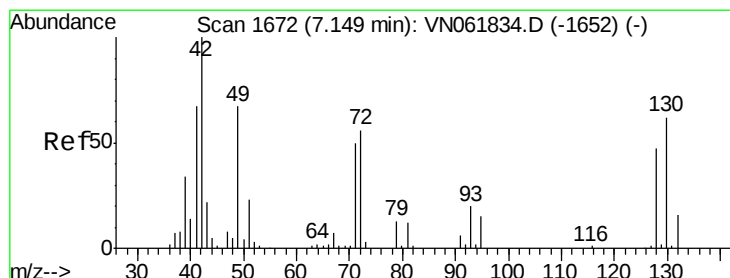
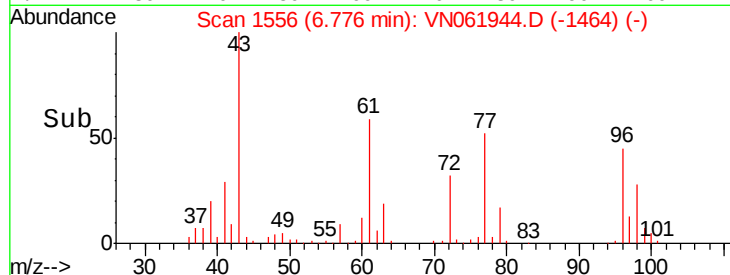
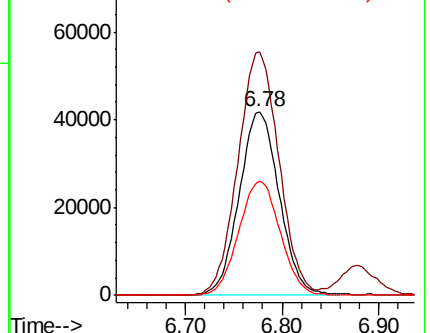
96 100

61 135.8 0.0 265.6

98 64.4 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: 51.361 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

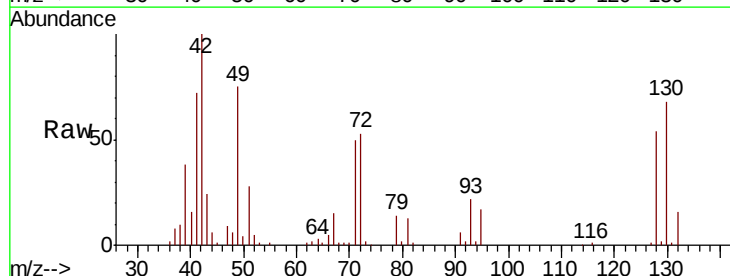
Tgt Ion: 49 Resp: 86025

Ion Ratio Lower Upper

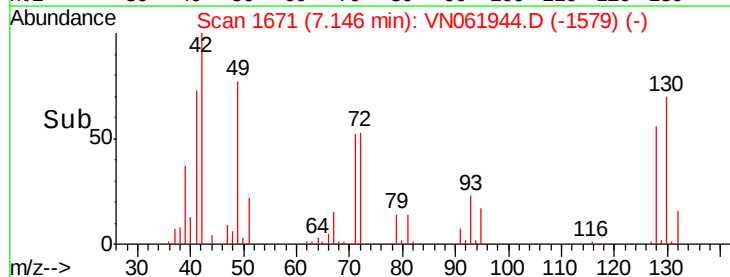
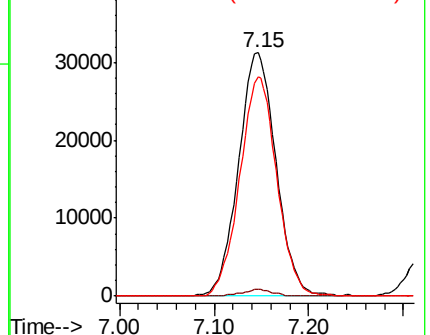
49 100

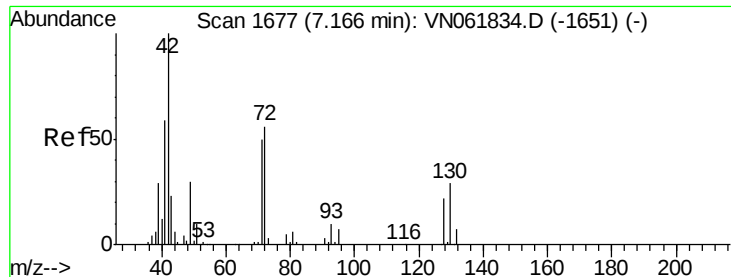
129 2.2 0.0 4.0

130 88.6 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

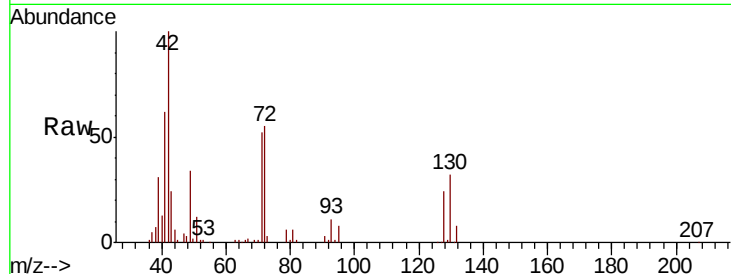




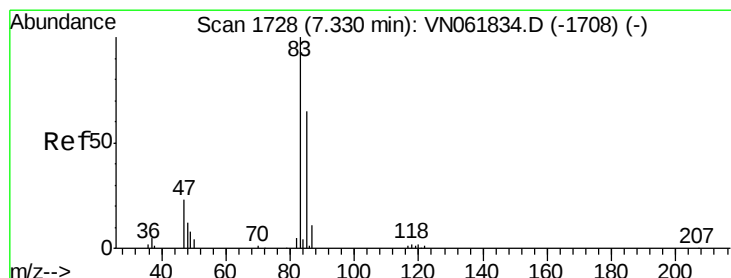
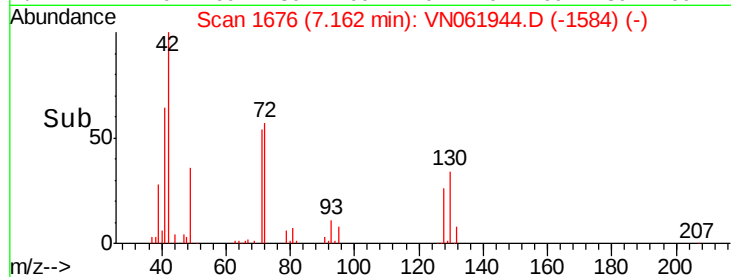
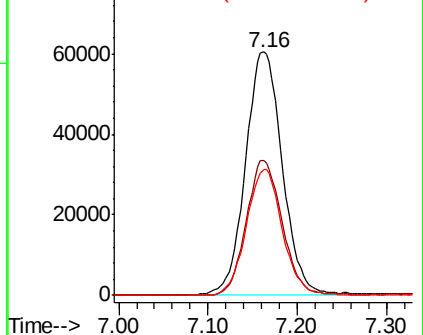
#29
Tetrahydrofuran
Concen: 244.945 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 173602
Ion Ratio Lower Upper
42 100
72 53.7 44.0 66.0
71 50.6 40.0 60.0

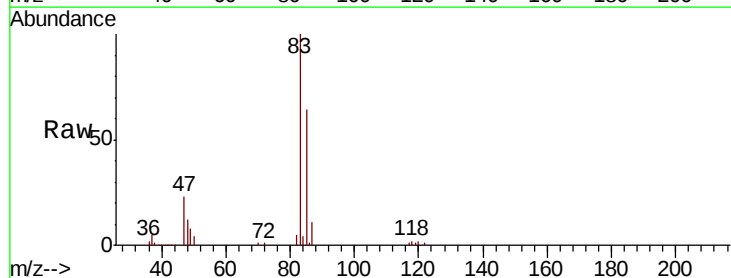


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

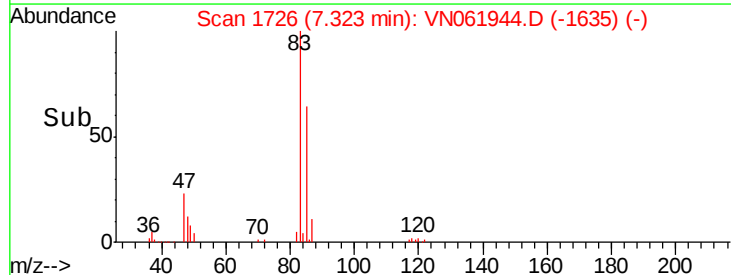
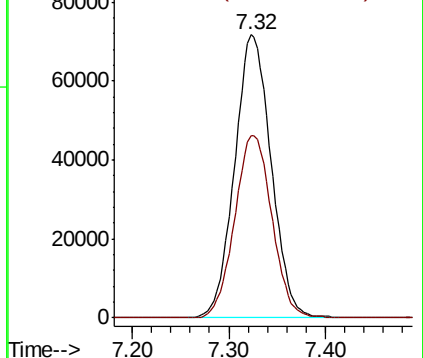


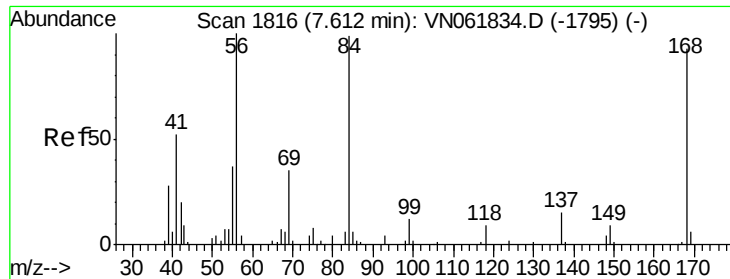
#30
Chloroform
Concen: 46.804 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 83 Resp: 188167
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0



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

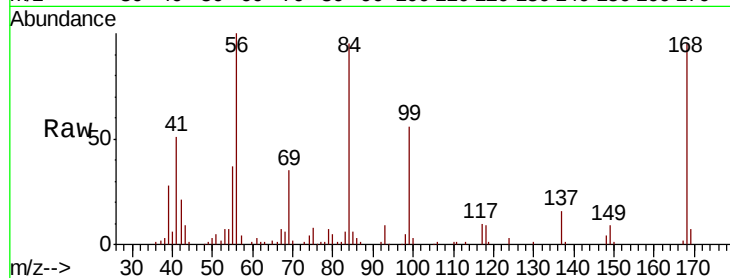




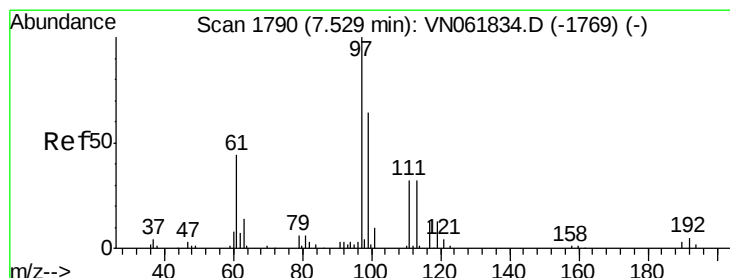
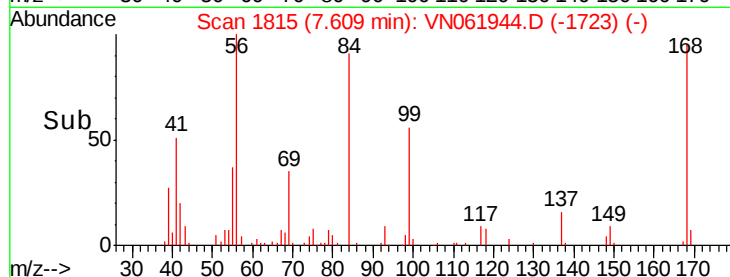
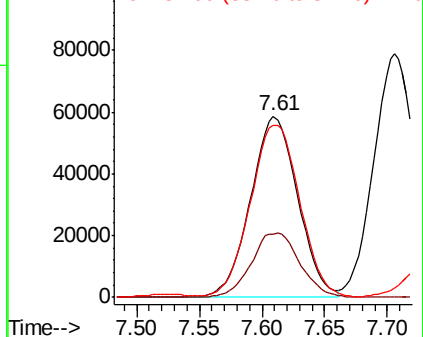
#31
Cyclohexane
Concen: 46.563 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 153336
Ion Ratio Lower Upper
56 100
69 35.0 27.7 41.5
84 94.2 79.1 118.7

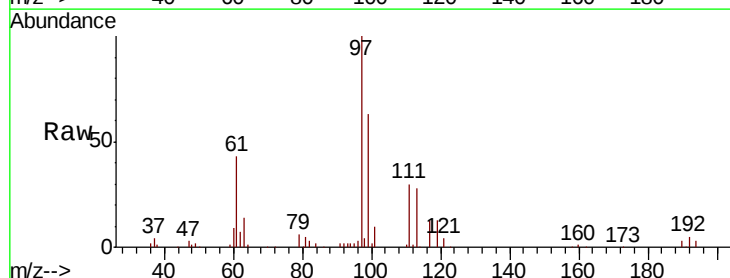


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

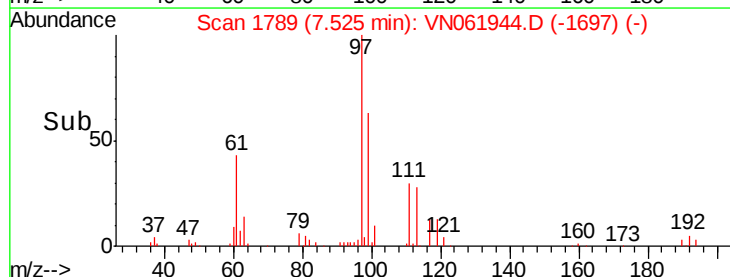
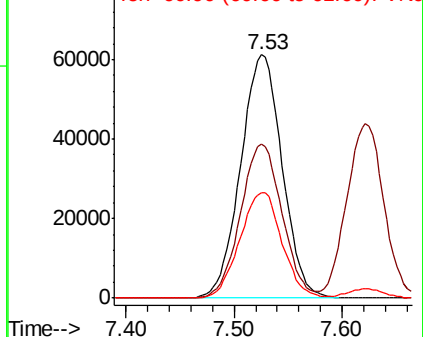


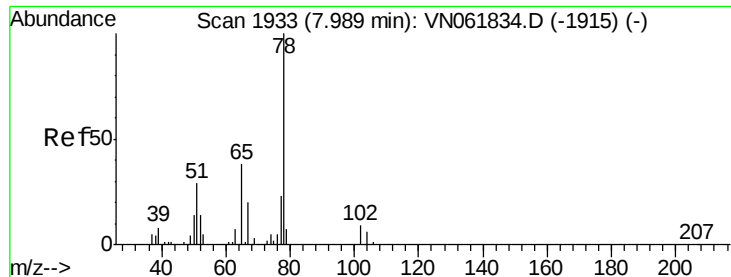
#32
1,1,1-Trichloroethane
Concen: 47.763 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 97 Resp: 163534
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 44.1 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

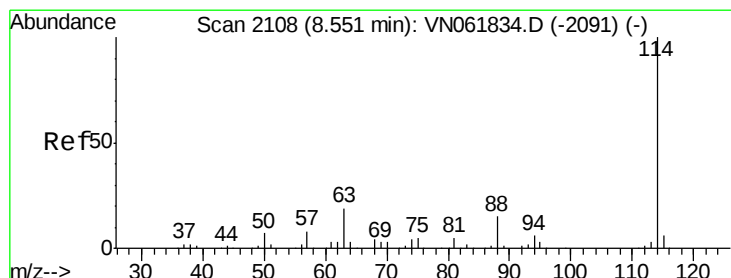
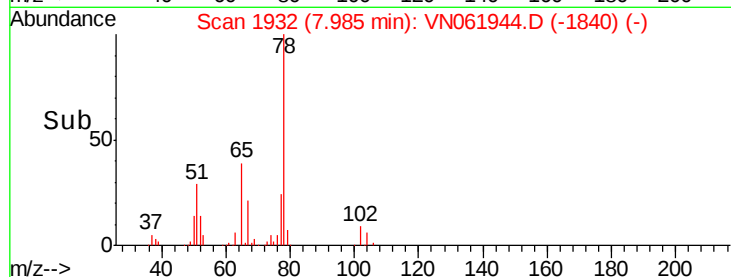
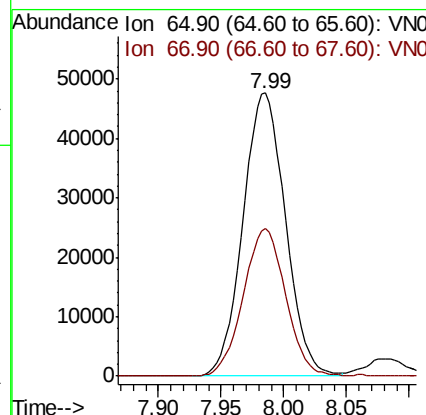
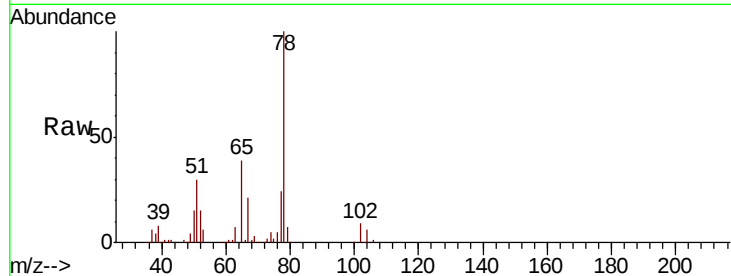




#33
 1,2-Dichloroethane-d4
 Concen: 44.926 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

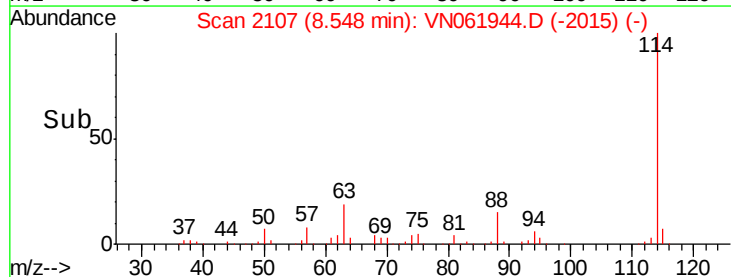
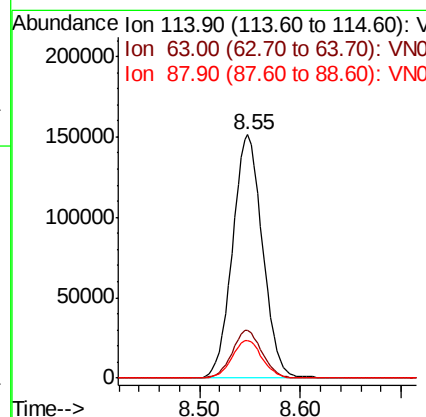
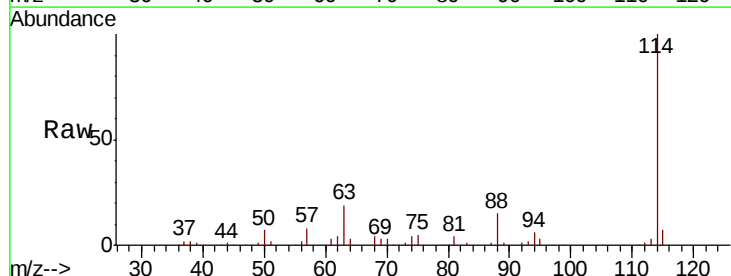
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 112267
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 114 Resp: 313212
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.5 0.0 31.0

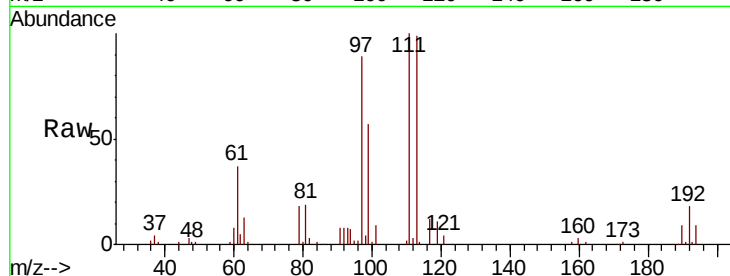




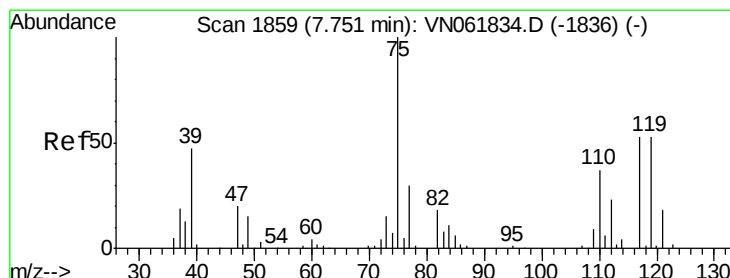
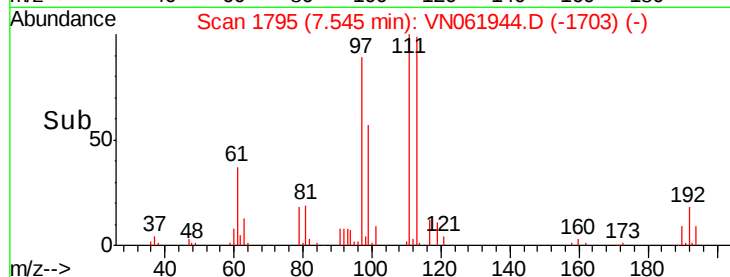
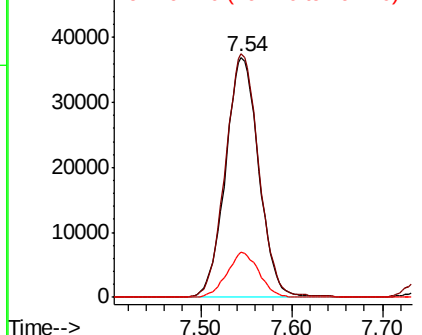
#35
 Dibromofluoromethane
 Concen: 46.800 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 93776
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.7 125.5
 192 17.9 13.9 20.9

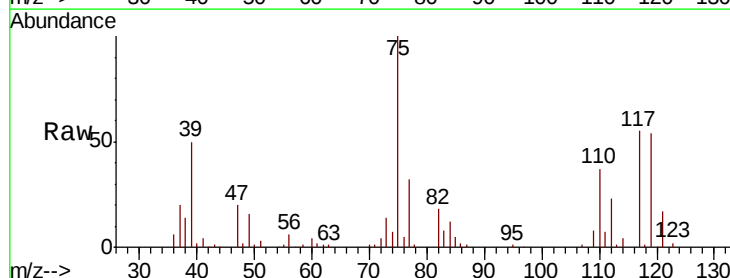


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

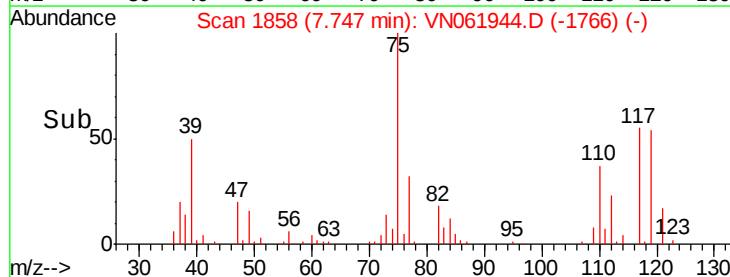
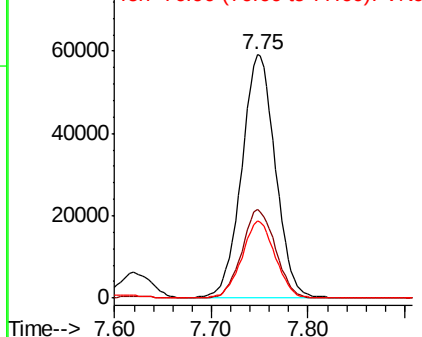


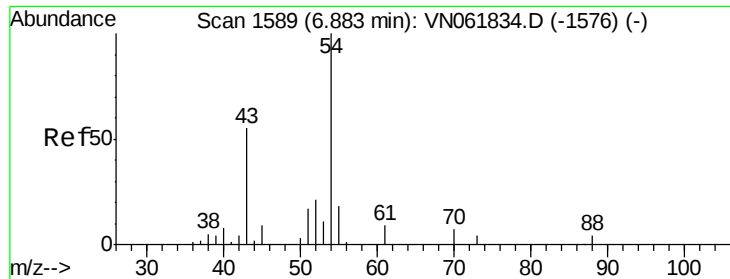
#36
 1,1-Dichloropropene
 Concen: 50.092 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 75 Resp: 143104
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.2 54.6
 77 31.3 24.2 36.4



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

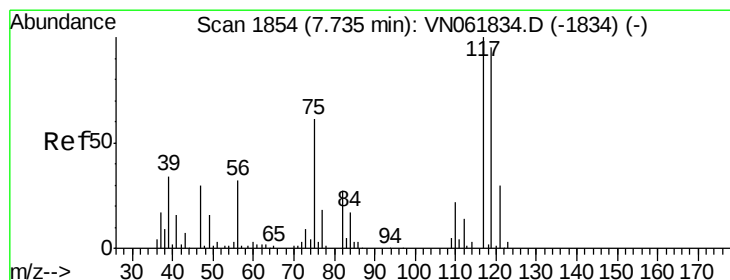
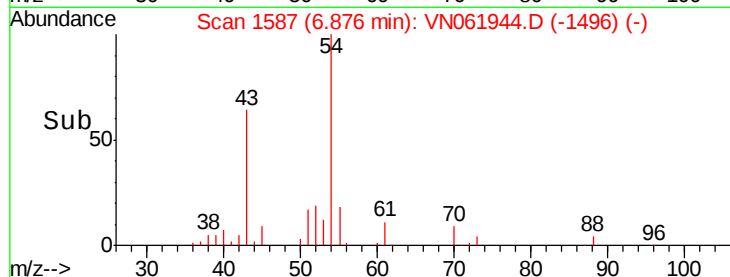
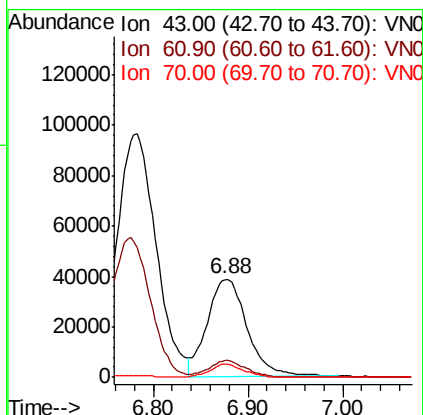
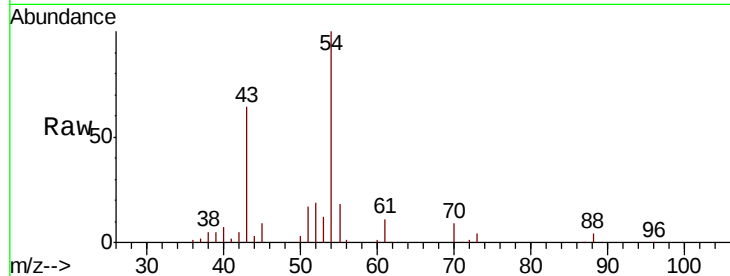




#37
Ethyl Acetate
Concen: 51.137 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

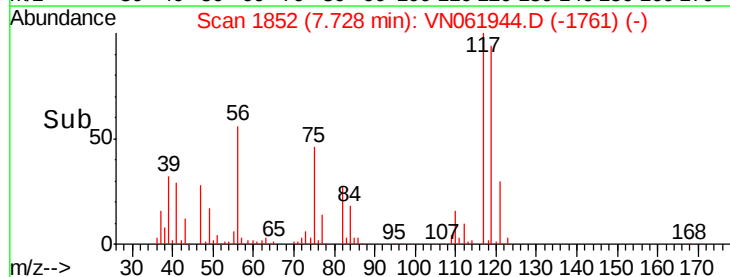
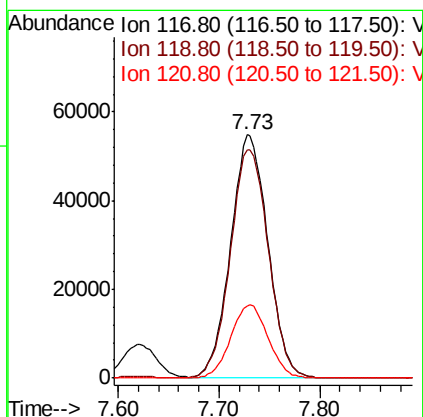
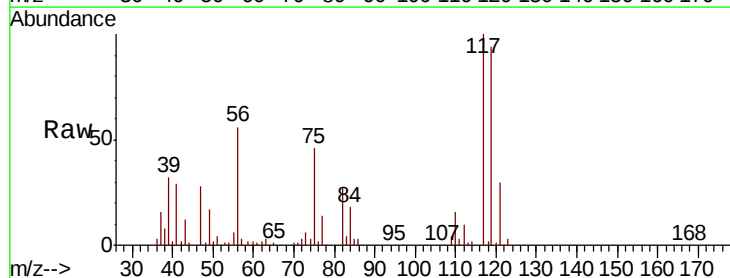
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

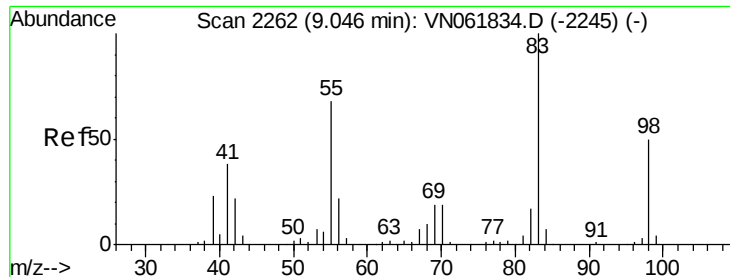
Tot Ion: 43 Resp: 114083
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 49.685 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 117 Resp: 140562
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
121 29.8 23.8 35.6

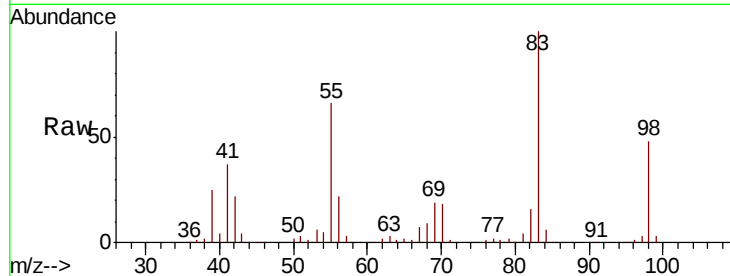




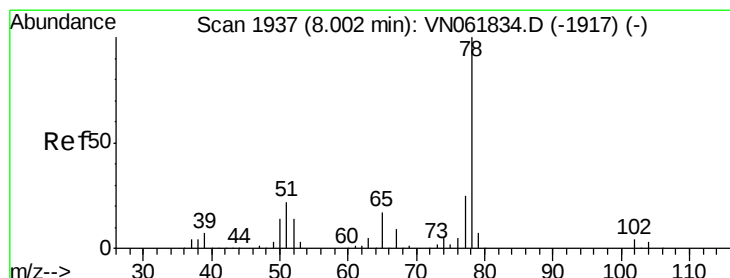
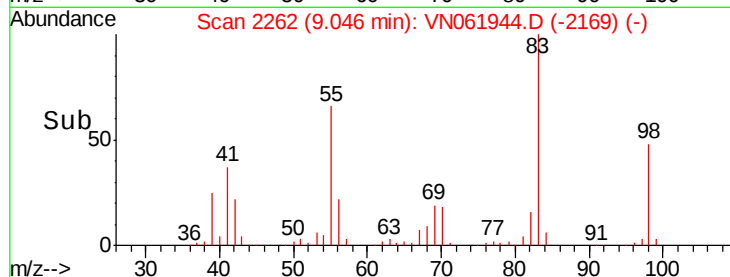
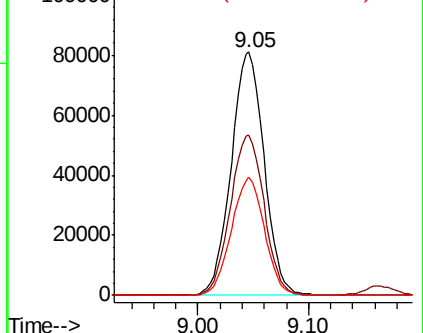
#39
Methvlcvclohexane
Concen: 54.601 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 167965
Ion Ratio Lower Upper
83 100
55 65.8 54.2 81.4
98 48.5 39.8 59.6

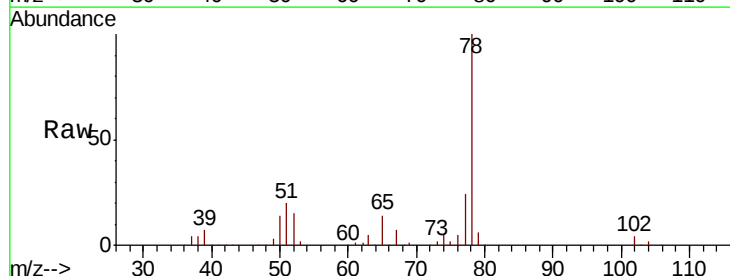


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

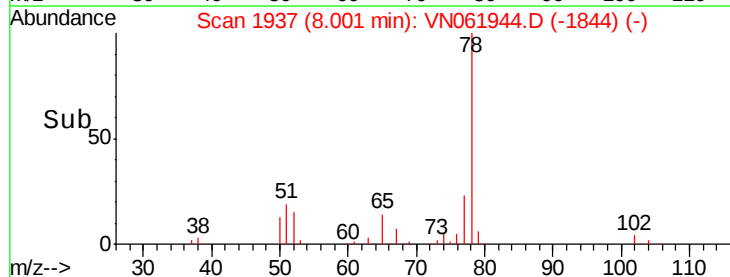
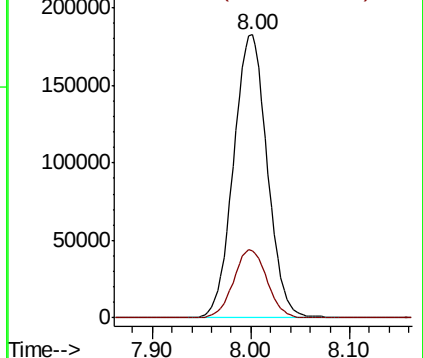


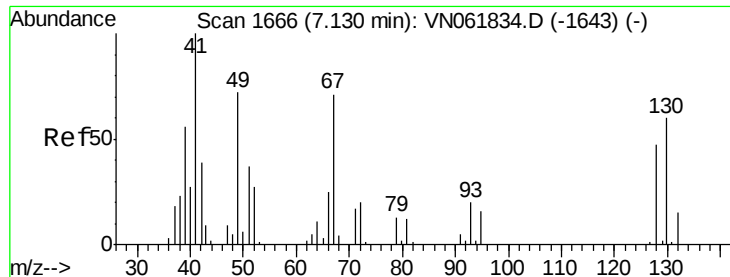
#40
Benzene
Concen: 49.915 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 78 Resp: 431968
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5



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

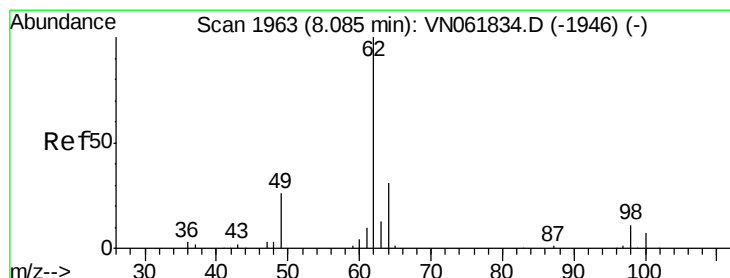
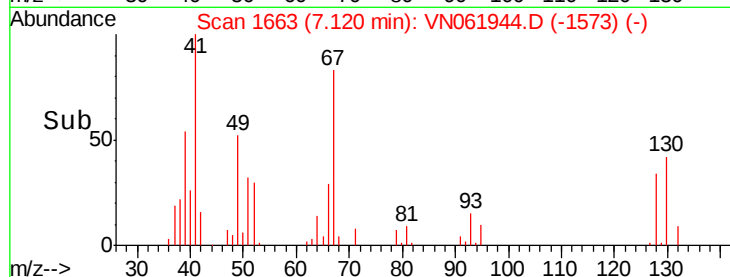
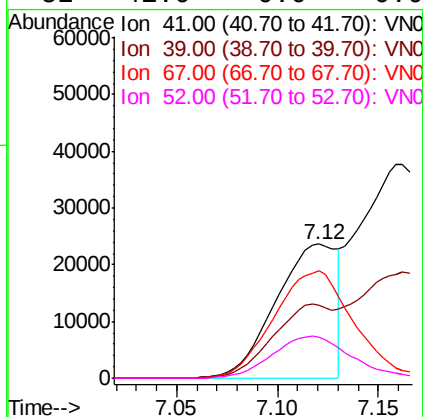
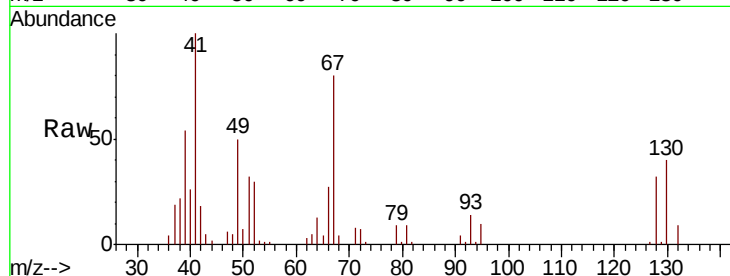




#41
Methacrylonitrile
Concen: 52.355 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

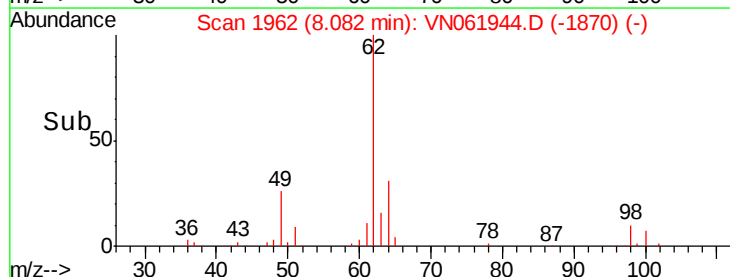
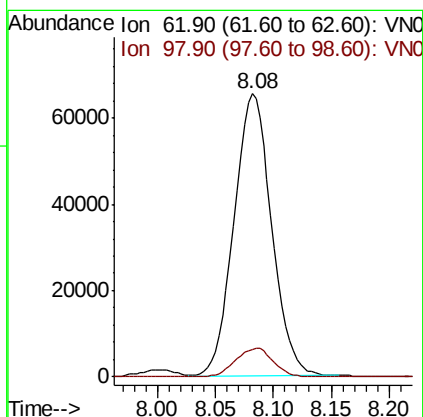
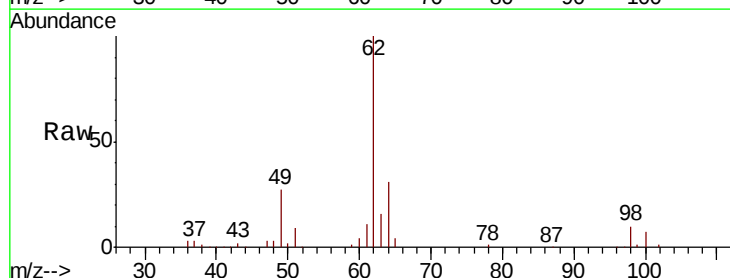
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

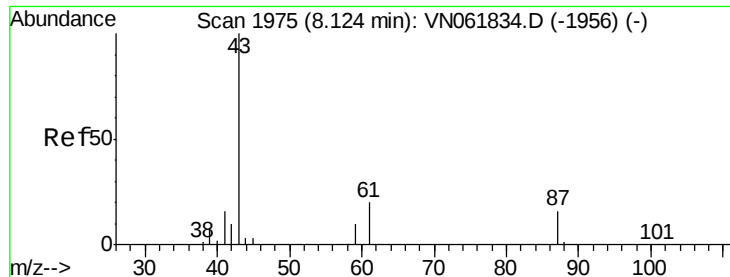
Tot Ion: 41 Resp: 49945
Ion Ratio Lower Upper
41 100
39 51.7 0.0 0.0#
67 104.8 0.0 0.0#
52 41.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.007 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 62 Resp: 147560
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.505 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

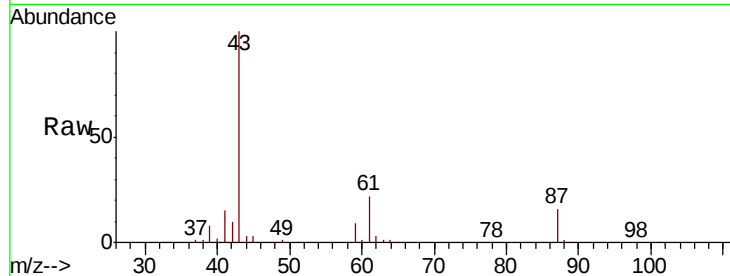
Tot Ion: 43 Resp: 197400

Ion Ratio Lower Upper

43 100

61 30.0 24.0 36.0

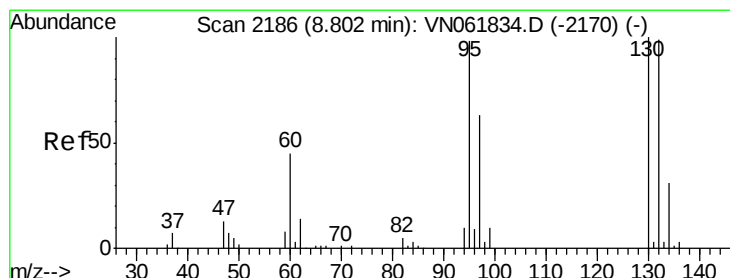
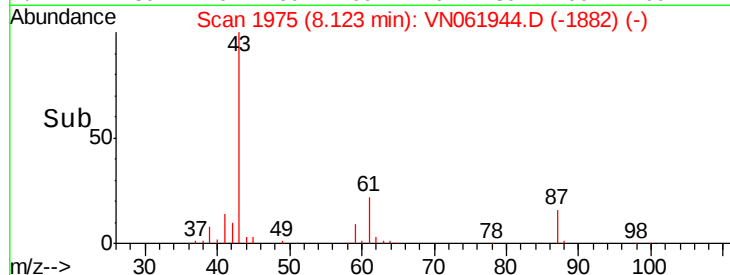
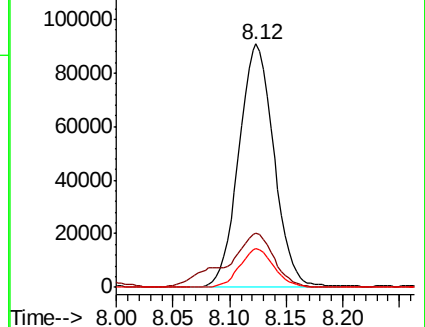
87 15.4 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 49.510 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061944.D

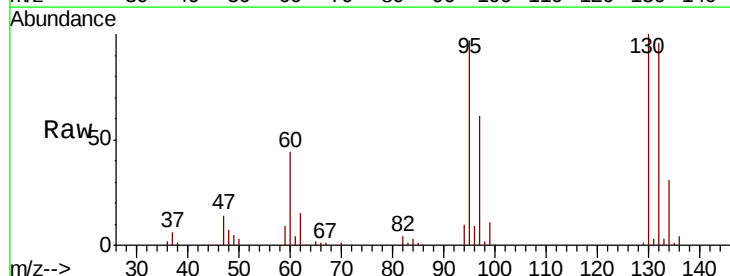
Acq: 19 Jun 2020 11:18

Tgt Ion:130 Resp: 112759

Ion Ratio Lower Upper

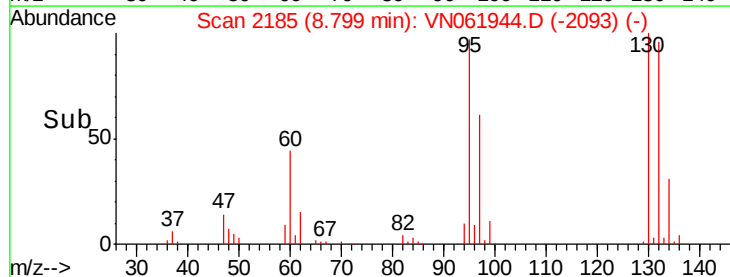
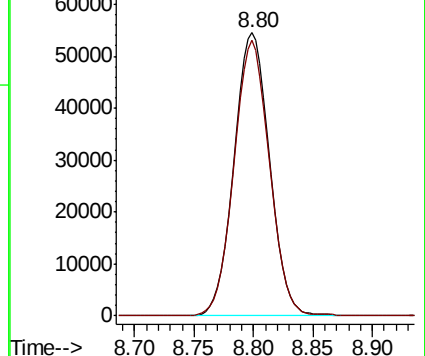
130 100

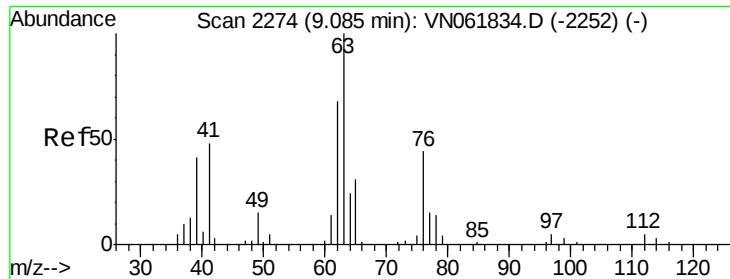
95 97.3 0.0 195.6



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

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





#45

1,2-Dichloropropane

Concen: 51.246 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

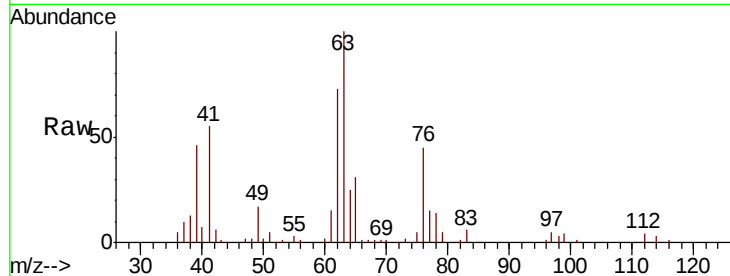
VSTDCCC050

Tot Ion: 63 Resp: 108986

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN061834.D (-2252) (-)

9.08

60000

50000

40000

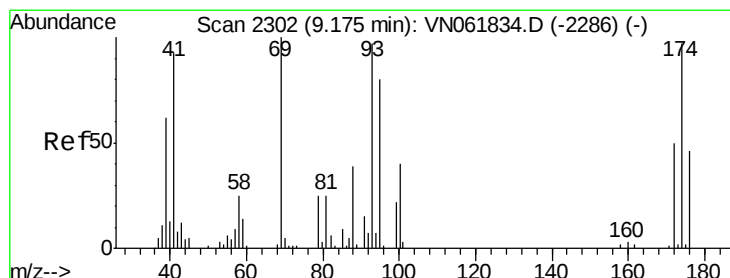
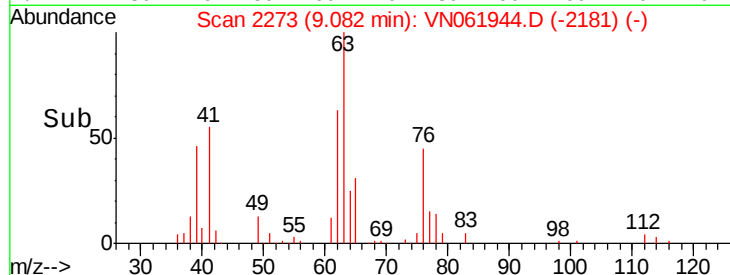
30000

20000

10000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 49.764 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

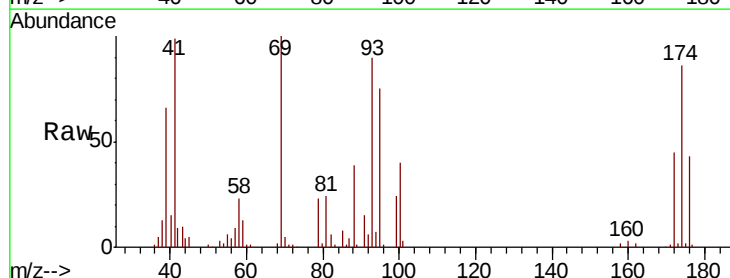
Tgt Ion: 93 Resp: 74527

Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 97.1 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN061834.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061834.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061834.D (-2286) (-)

50000

40000

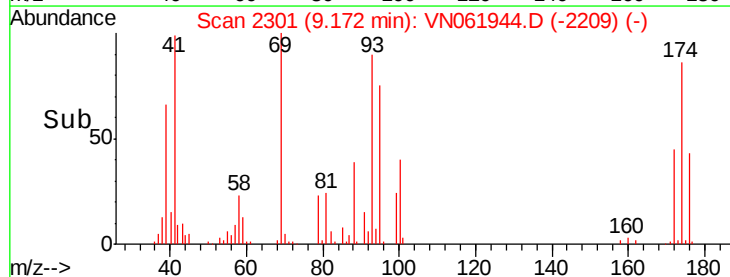
30000

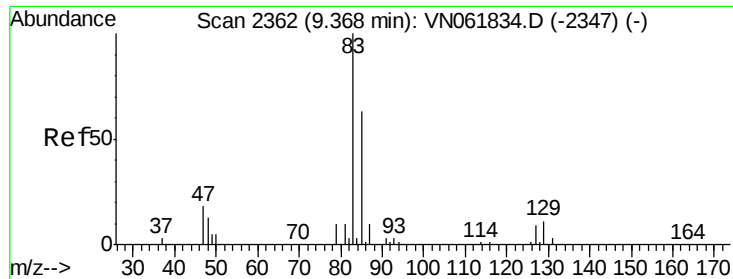
20000

10000

0

Time--> 9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 50.705 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

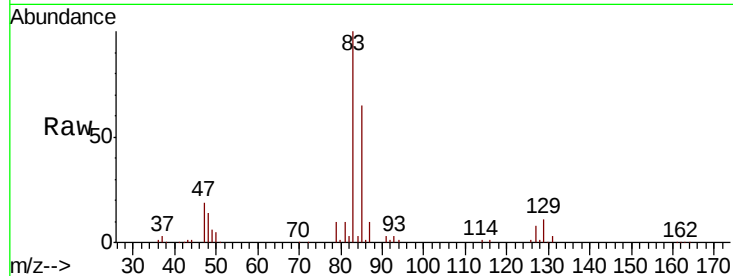
Tot Ion: 83 Resp: 155494

Ion Ratio Lower Upper

83 100

85 65.3 50.8 76.2

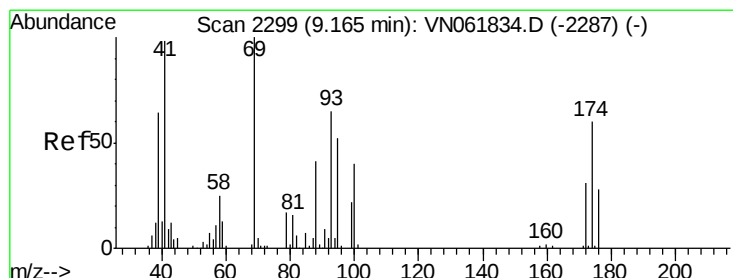
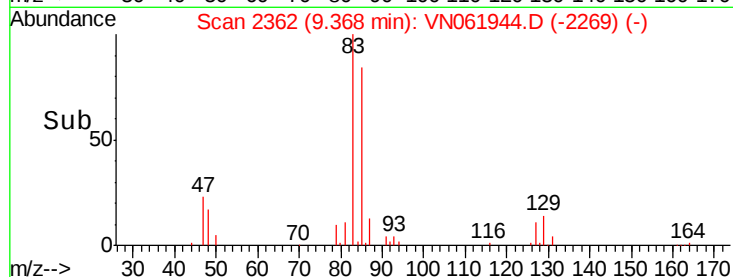
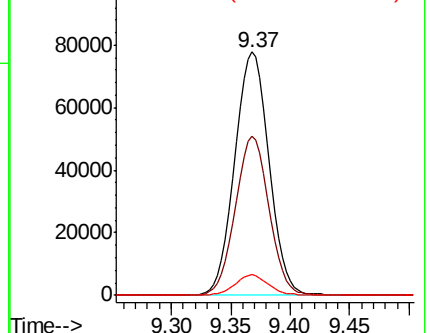
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2347) (-)



#48

Methyl methacrylate

Concen: 52.777 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

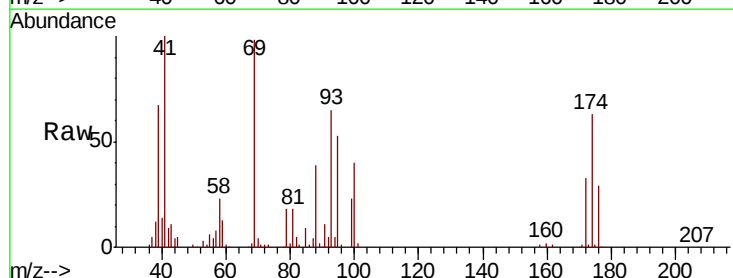
Tgt Ion: 41 Resp: 90235

Ion Ratio Lower Upper

41 100

69 100.1 83.0 124.4

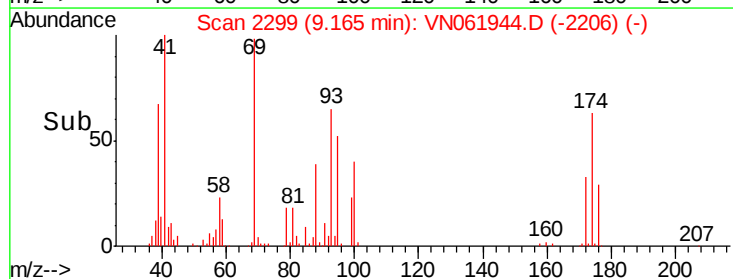
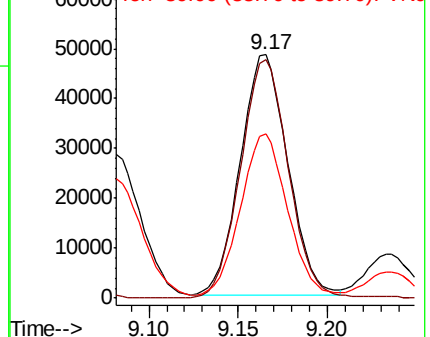
39 68.0 55.1 82.7

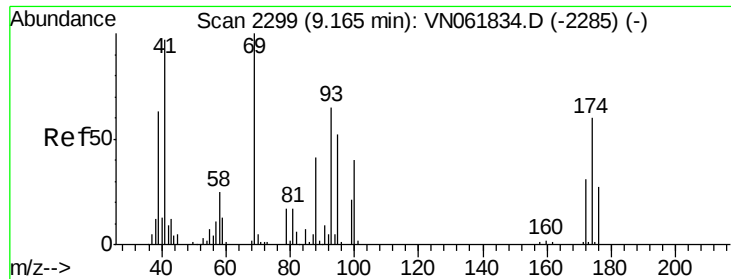


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061834.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-2287) (-)





#49

1,4-Dioxane

Concen: 983.886 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

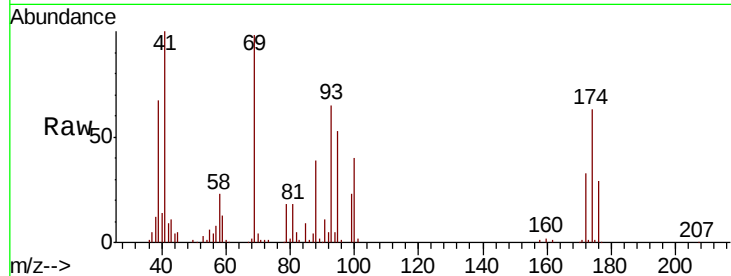
Tot Ion: 88 Resp: 38621

Ion Ratio Lower Upper

88 100

43 26.2 23.4 35.2

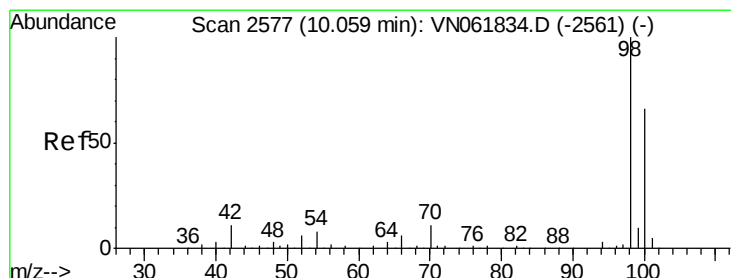
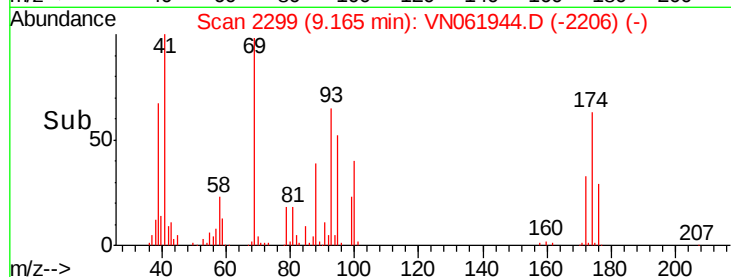
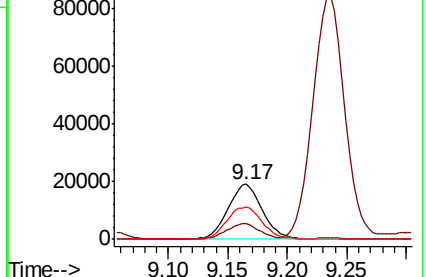
58 60.3 49.8 74.6



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

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

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



#50

Toluene-d8

Concen: 47.396 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061944.D

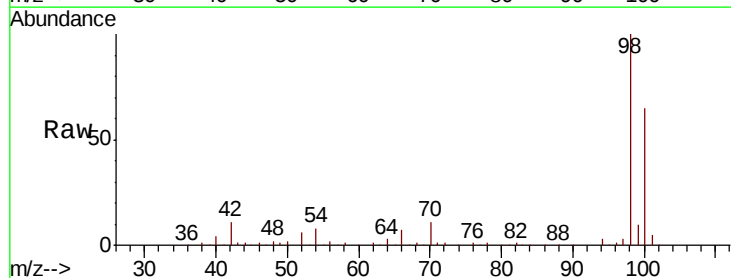
Acq: 19 Jun 2020 11:18

Tgt Ion: 98 Resp: 373368

Ion Ratio Lower Upper

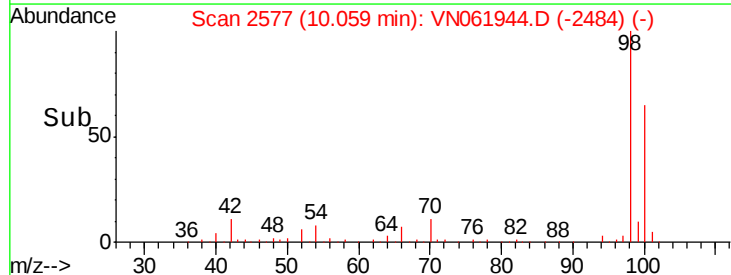
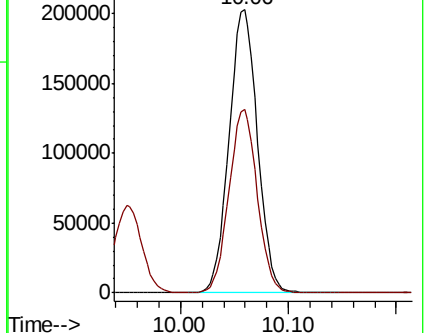
98 100

100 64.1 52.7 79.1



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

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





#51

4-Methyl-2-Pentanone

Concen: 261.870 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

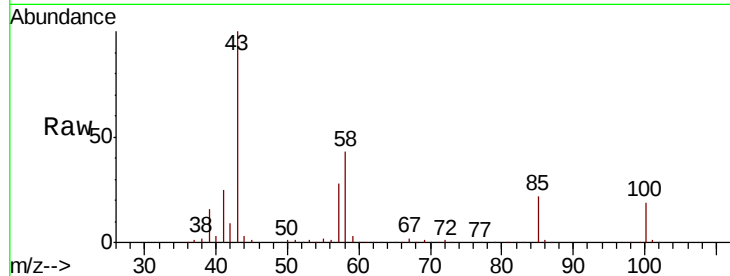
VSTDCCC050

Tot Ion: 43 Resp: 581794

Ion Ratio Lower Upper

43 100

58 43.4 34.6 52.0



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

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

9.95

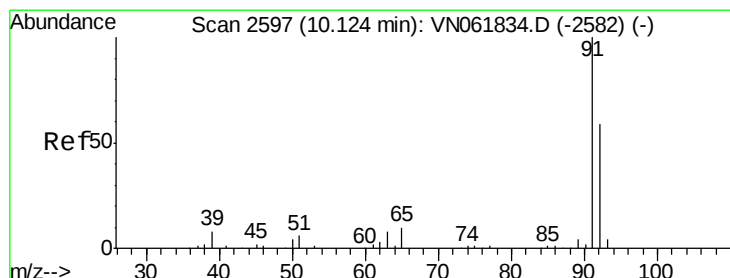
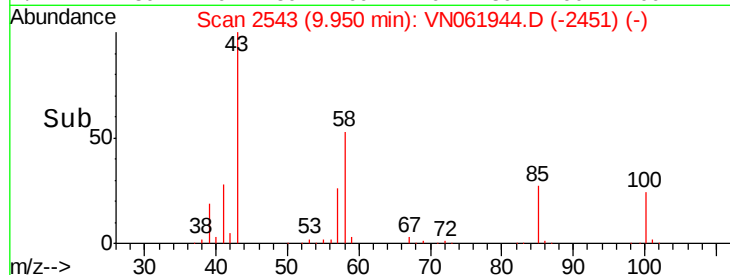
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.258 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061944.D

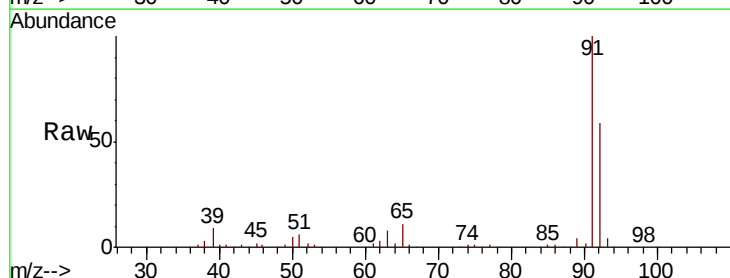
Acq: 19 Jun 2020 11:18

Tgt Ion: 92 Resp: 284024

Ion Ratio Lower Upper

92 100

91 170.6 137.1 205.7



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

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

10.12

300000

250000

200000

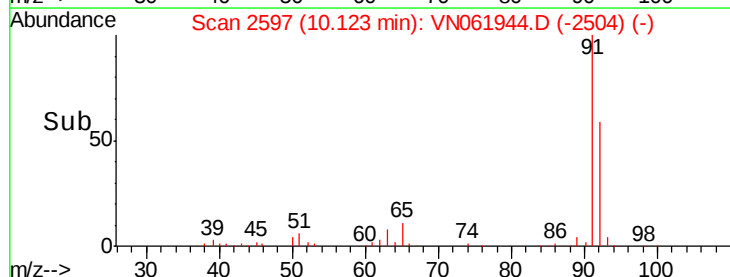
150000

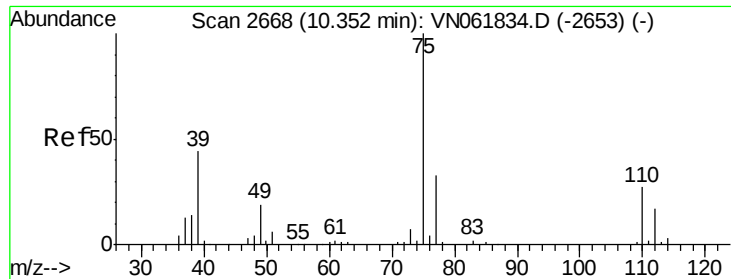
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.098 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampled :

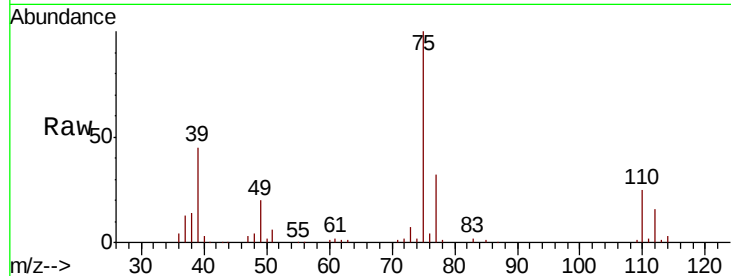
VSTDCCC050

Tot Ion: 75 Resp: 172857

Ion Ratio Lower Upper

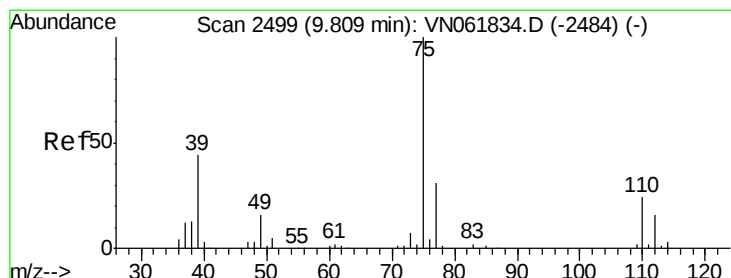
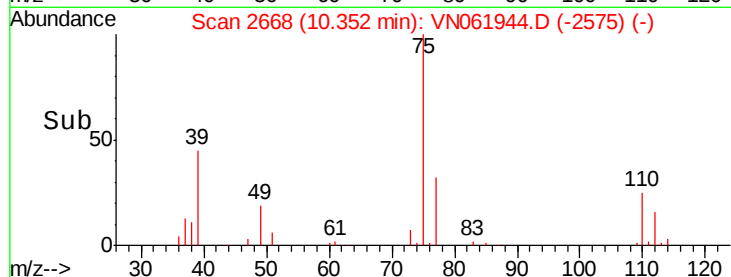
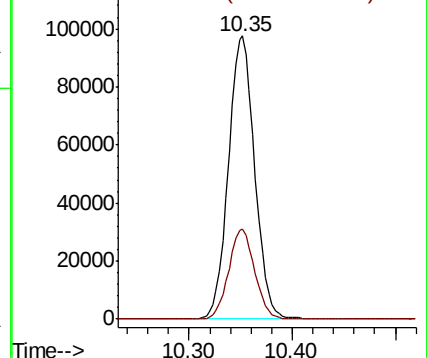
75 100

77 31.8 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.212 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

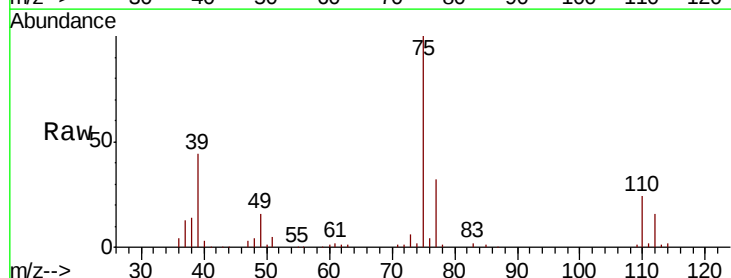
Tgt Ion: 75 Resp: 188153

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

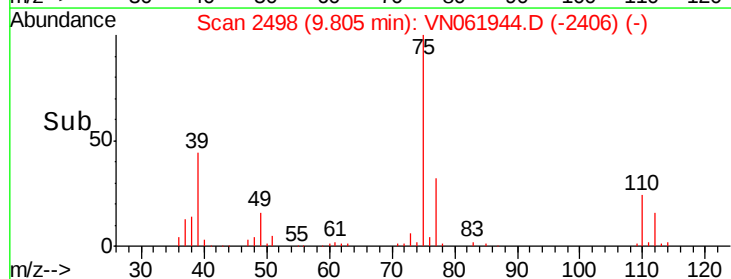
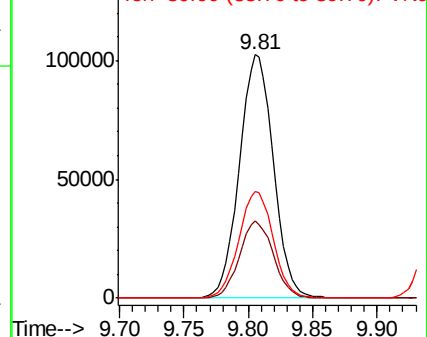
39 43.8 35.4 53.0

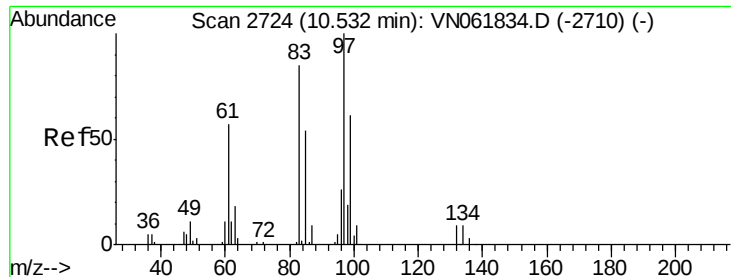


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 51.664 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

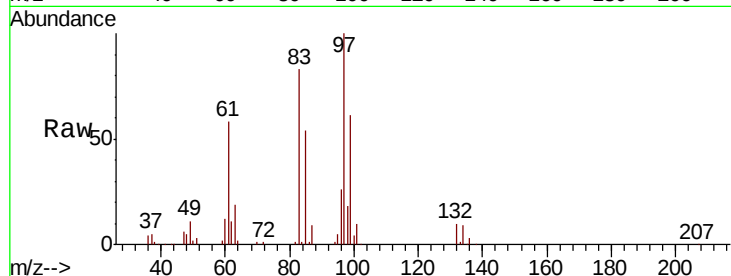
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 110477

Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.7	101.5
85	54.2	43.4	65.0
99	60.8	48.8	73.2



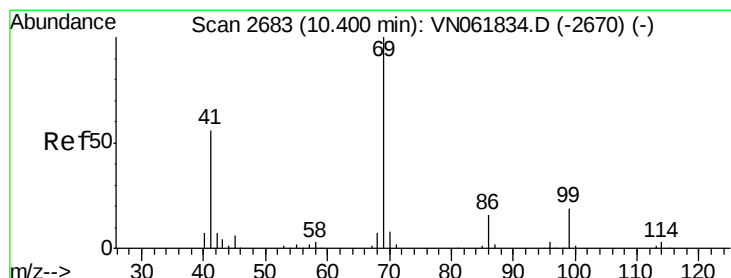
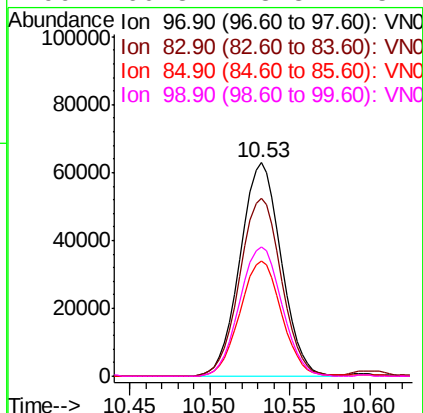
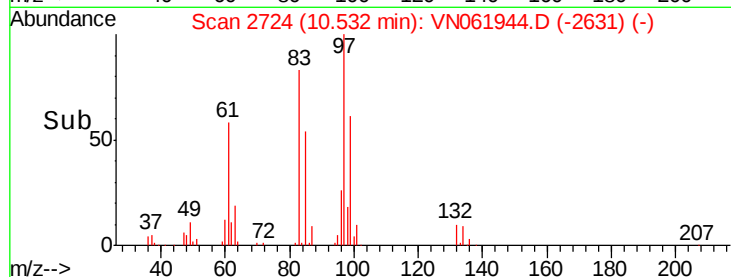
Abundance

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: 48.070 ug/l

RT: 10.40 min Scan# 2683

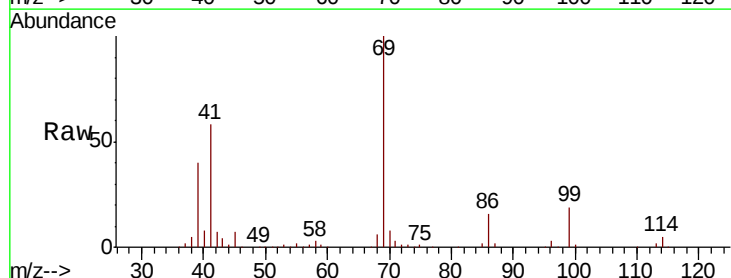
Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Tgt Ion: 69 Resp: 156625

Ion	Ratio	Lower	Upper
69	100		
41	58.4	44.9	67.3
39	37.9	30.0	45.0

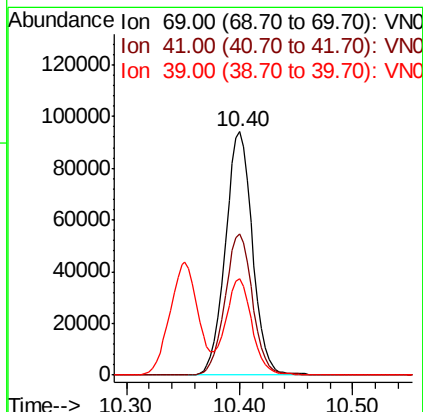
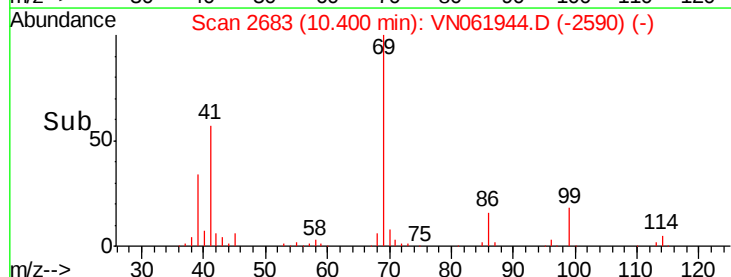


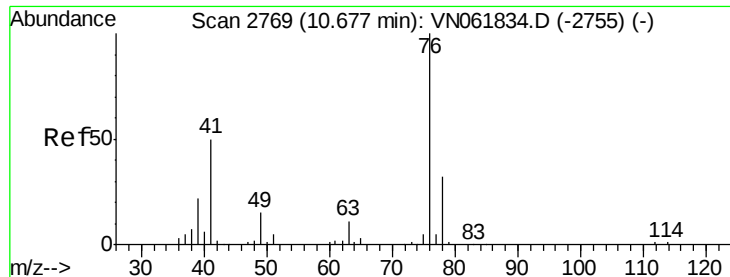
Abundance

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

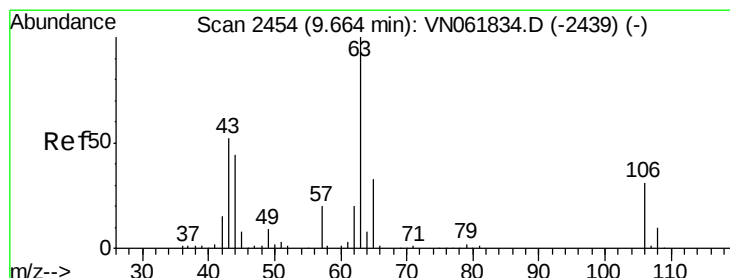
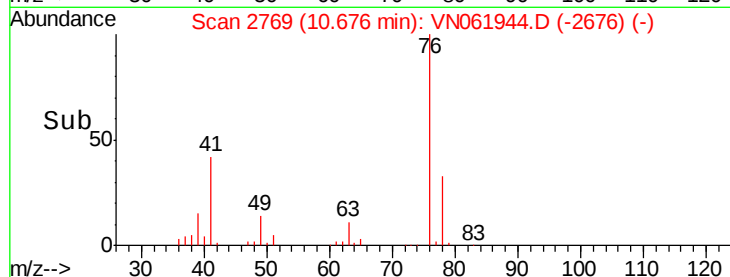
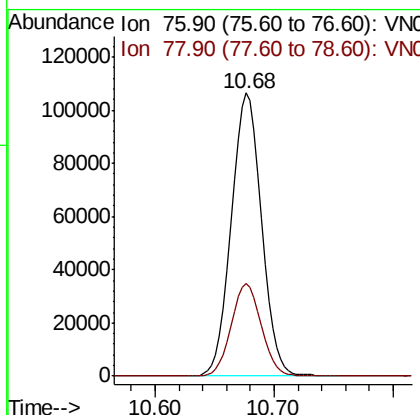
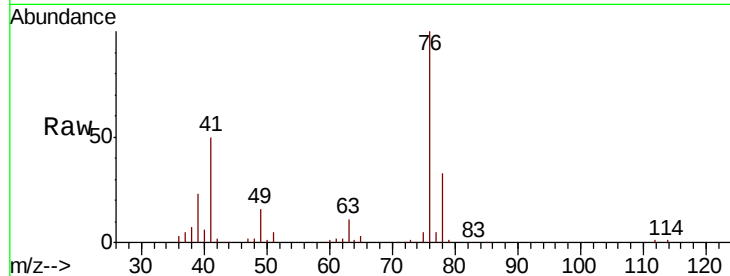




#57
 1,3-Dichloropropane
 Concen: 51.786 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

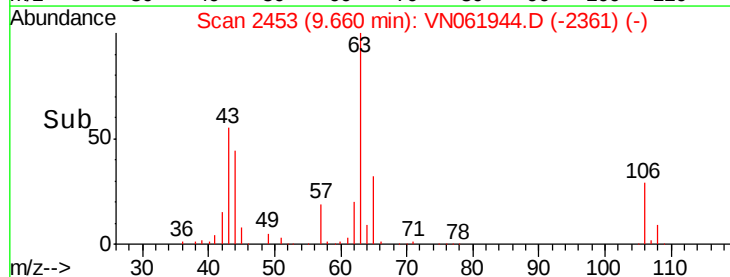
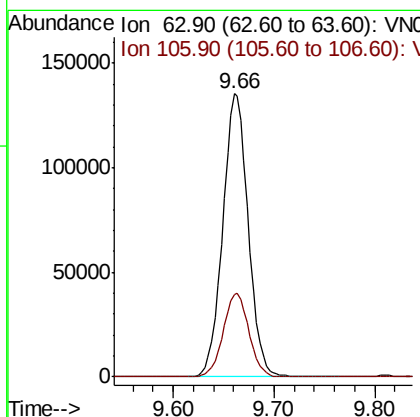
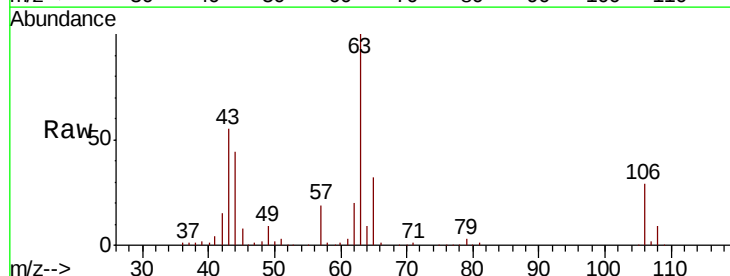
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

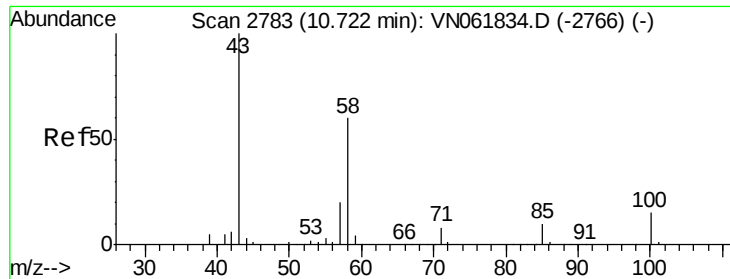
Tot Ion: 76 Resp: 187607
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.026 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 63 Resp: 238158
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.6 36.8





#59

2-Hexanone

Concen: 247.490 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. 0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

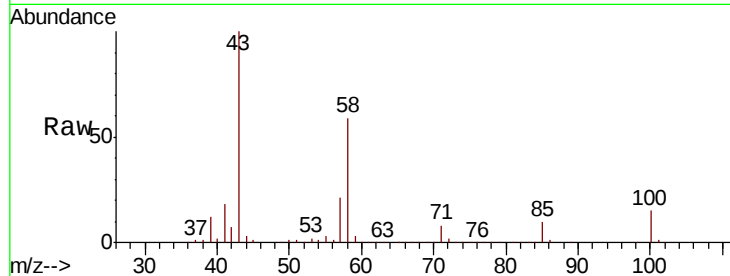
VSTDCCC050

Tot Ion: 43 Resp: 439025

Ion Ratio Lower Upper

43 100

58 59.8 30.1 90.5



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2766) (-)

10.72

250000

200000

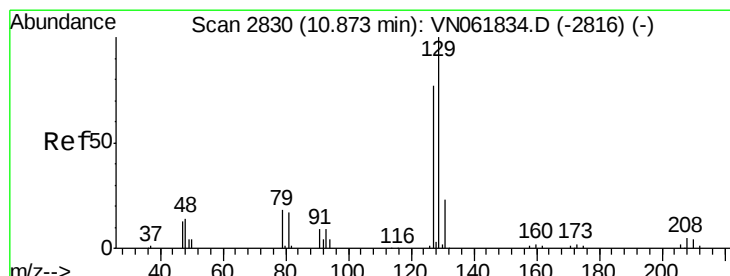
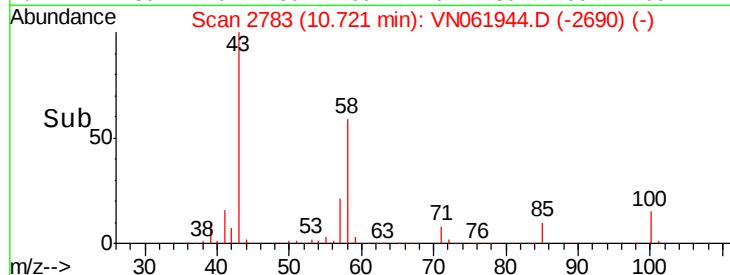
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 50.917 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN061944.D

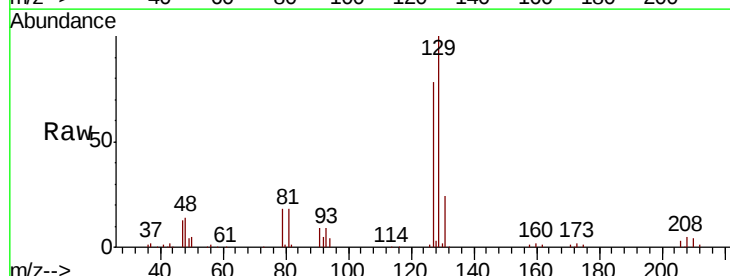
Acq: 19 Jun 2020 11:18

Tgt Ion: 129 Resp: 121493

Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN061834.D (-2816) (-)

Ion 126.80 (126.50 to 127.50): VN061834.D (-2816) (-)

10.87

80000

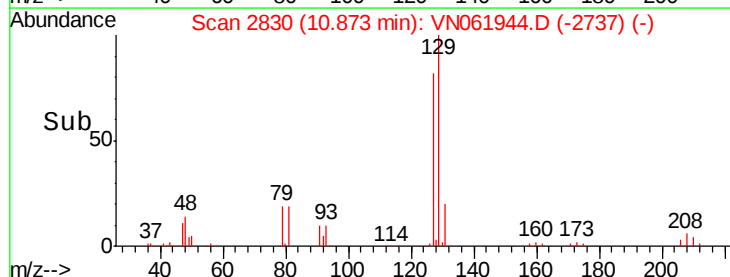
60000

40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 50.192 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

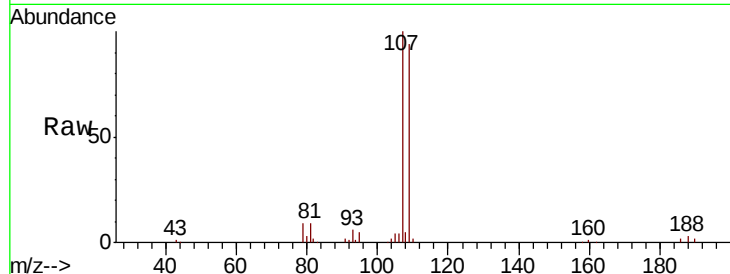
VSTDCCC050

Tot Ion:107 Resp: 112073

Ion Ratio Lower Upper

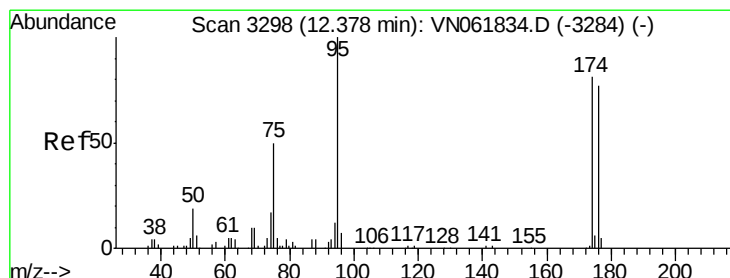
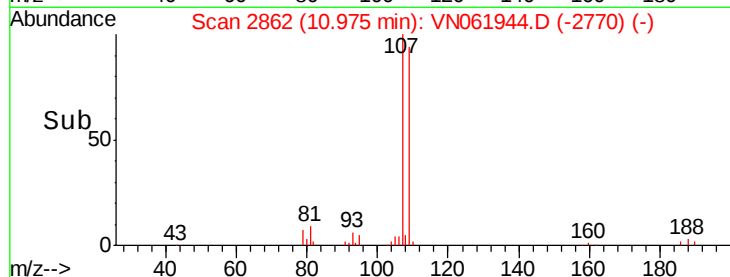
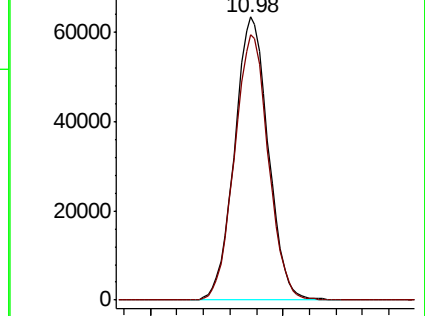
107 100

109 93.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.377 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

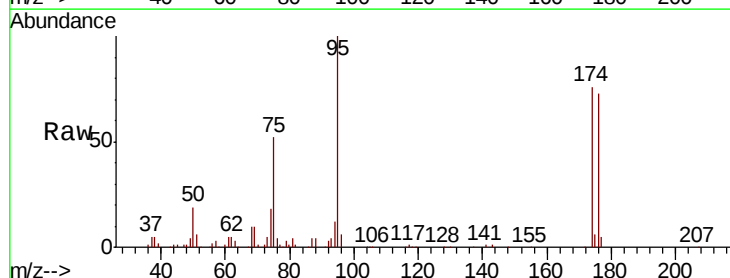
Tgt Ion: 95 Resp: 130722

Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.6

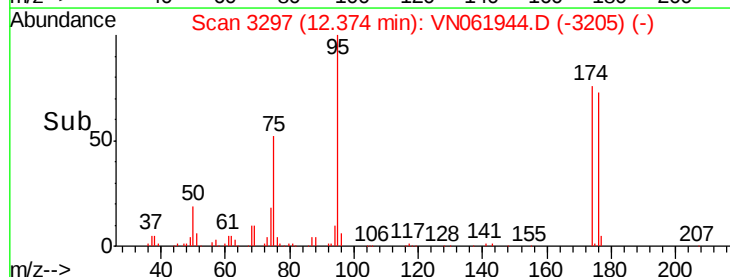
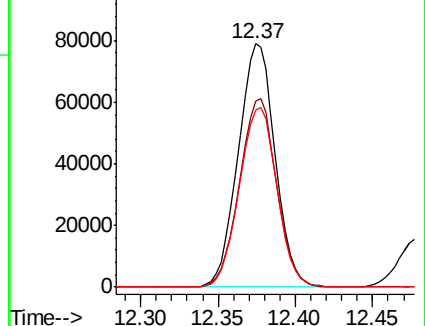
176 75.5 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

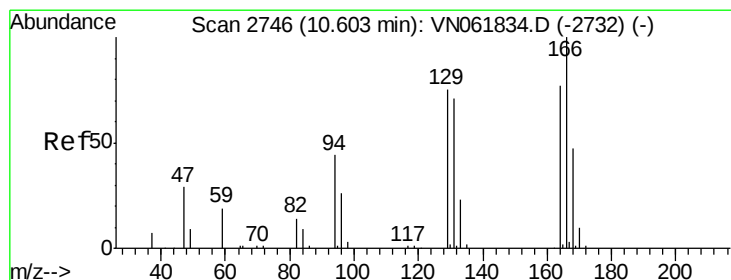
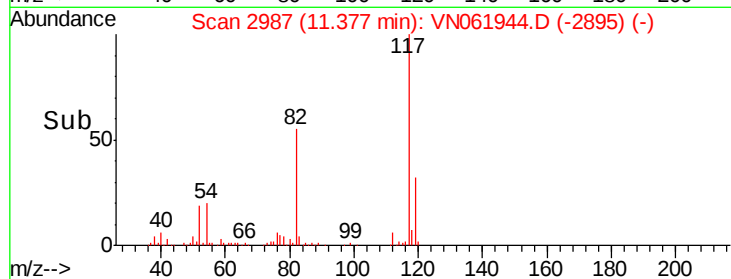
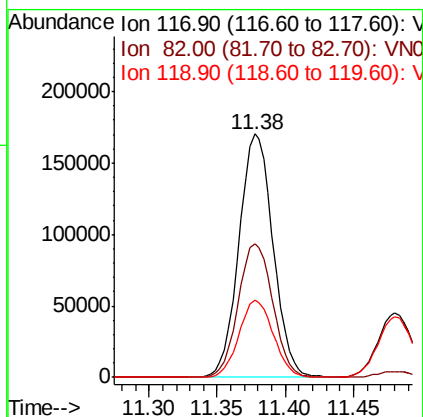
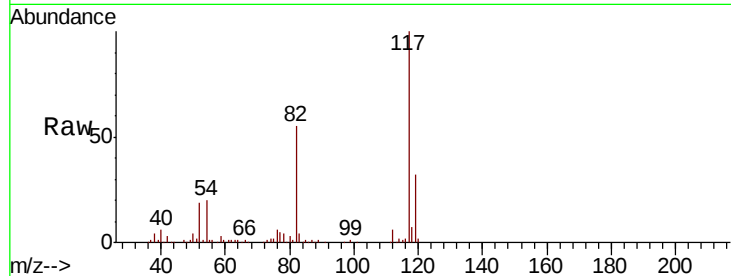




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

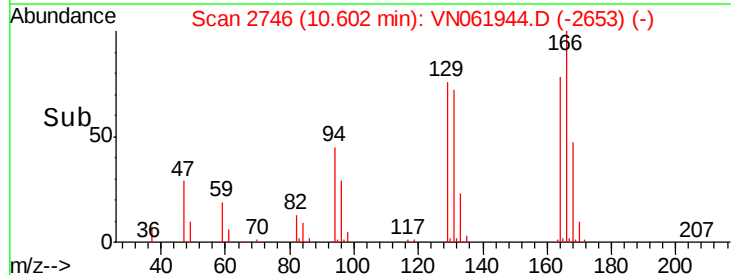
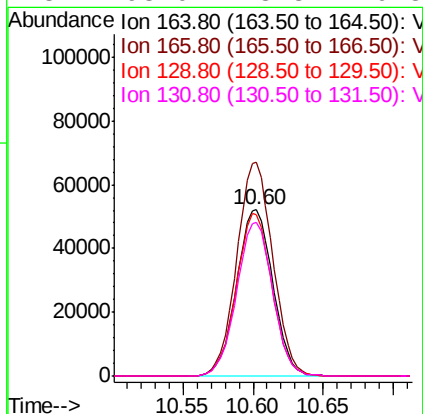
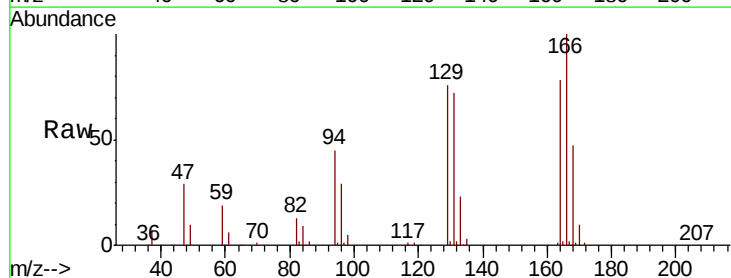
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

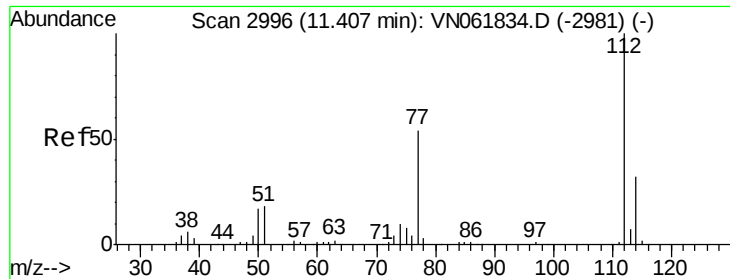
Tot Ion:117 Resp: 295659
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 50.018 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion:164 Resp: 94255
Ion Ratio Lower Upper
164 100
166 128.8 103.5 155.3
129 97.5 77.5 116.3
131 93.0 73.8 110.8

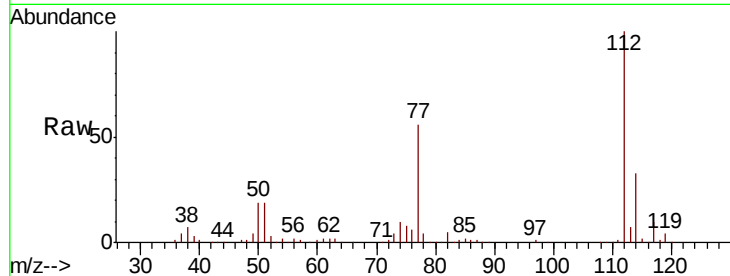




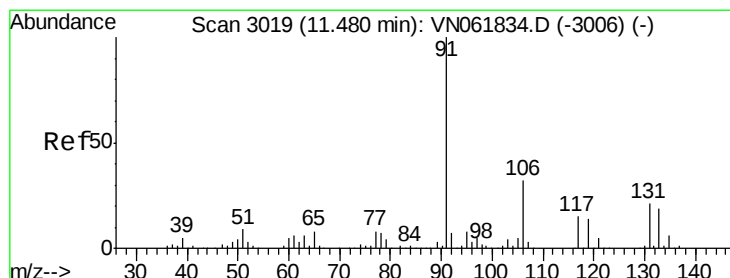
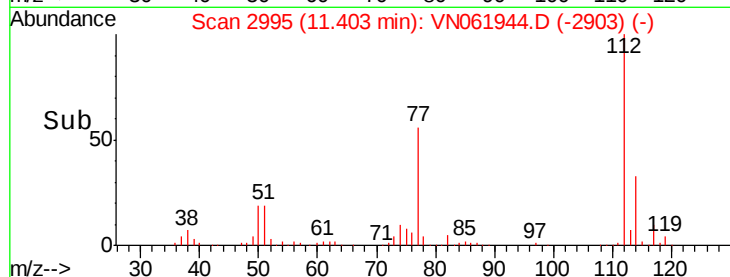
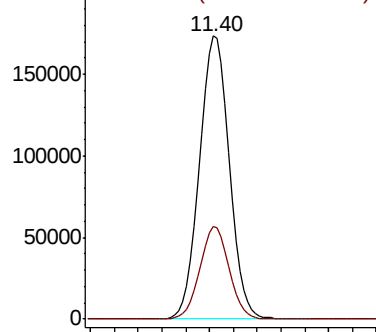
#65
Chlorobenzene
Concen: 48.354 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 301667
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

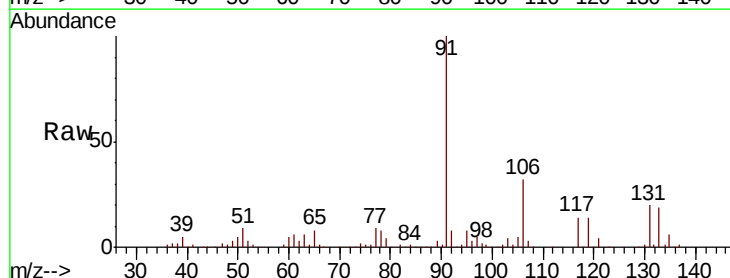


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

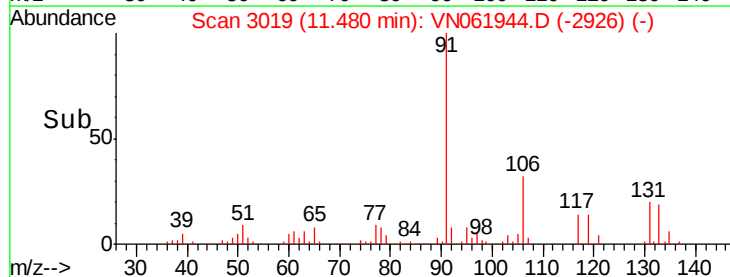
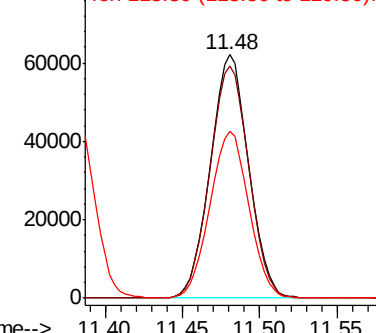


#66
1,1,1,2-Tetrachloroethane
Concen: 49.191 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion:131 Resp: 107030
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.5
119 69.7 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

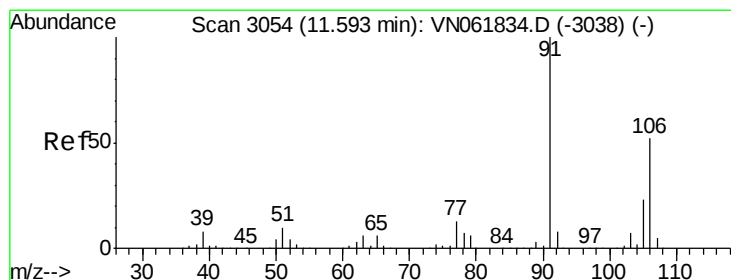
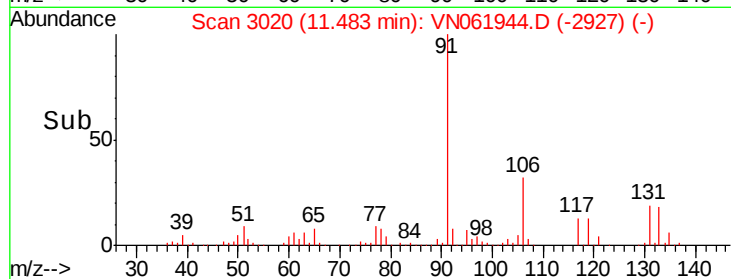
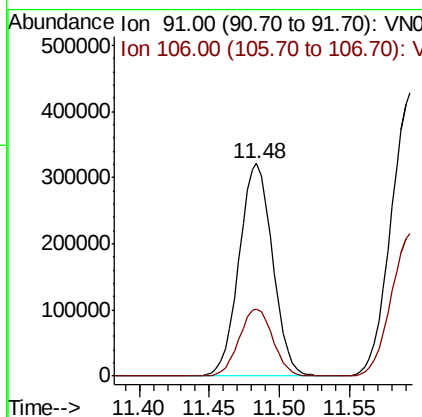
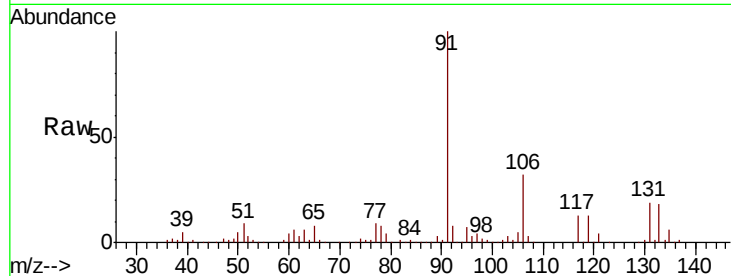




#67
Ethyl Benzene
Concen: 51.221 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

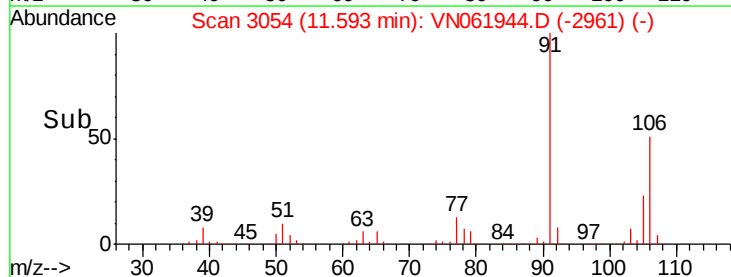
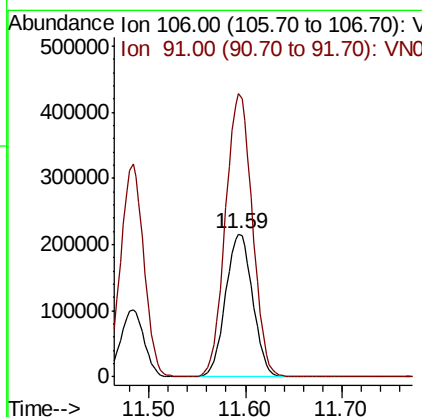
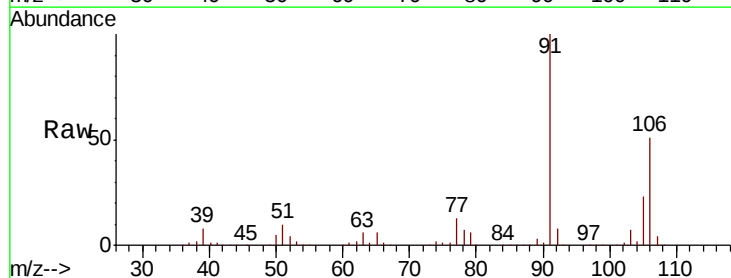
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

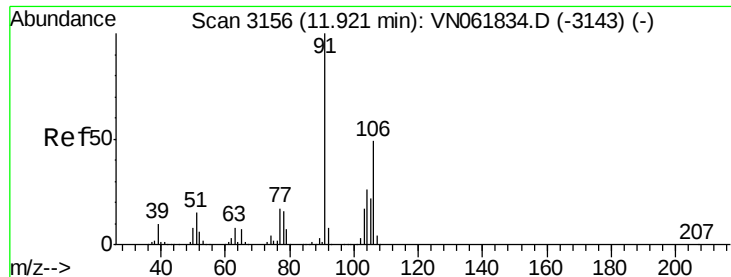
Tot Ion: 91 Resp: 535774
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 104.030 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 106 Resp: 419593
Ion Ratio Lower Upper
106 100
91 197.2 157.0 235.6

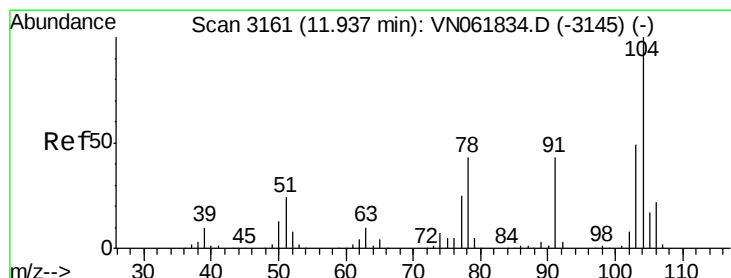
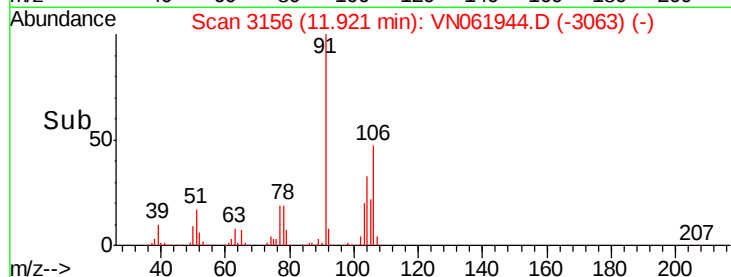
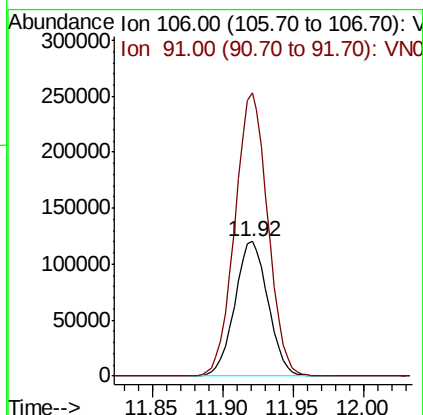
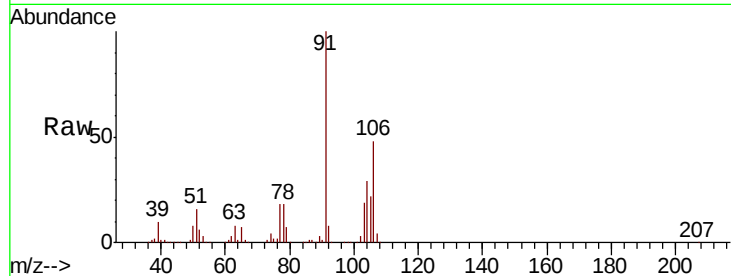




#69
o-Xylene
Concen: 51.570 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

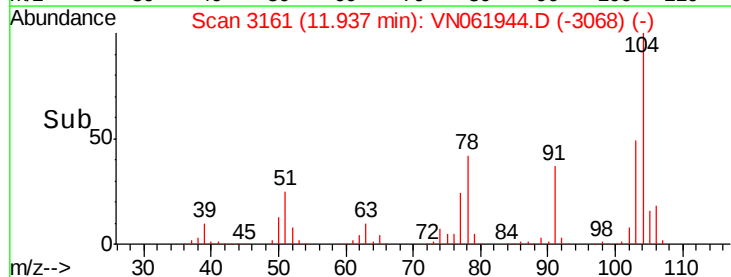
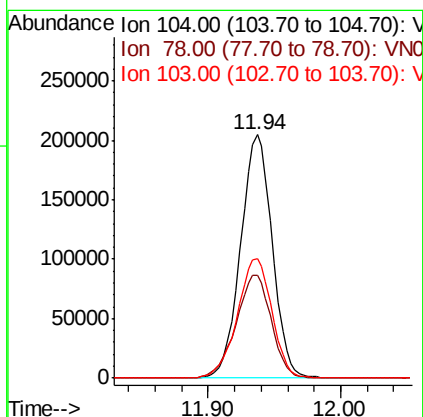
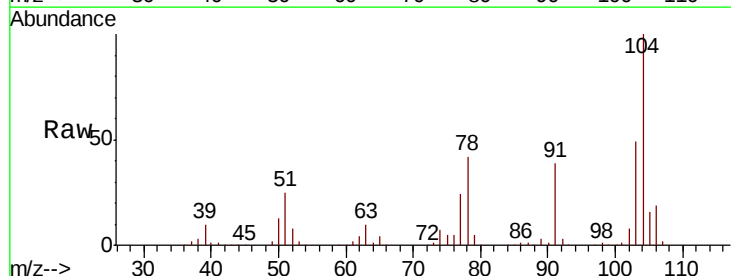
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

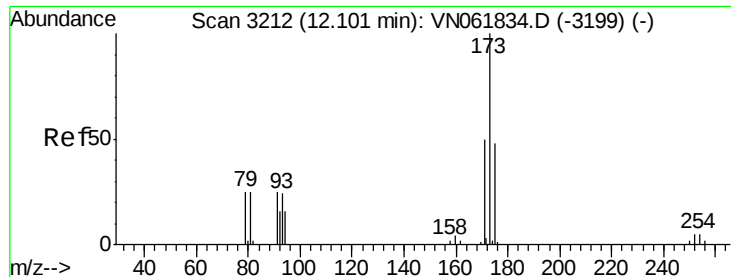
Tot Ion:106 Resp: 198462
Ion Ratio Lower Upper
106 100
91 209.0 103.0 308.9



#70
Styrene
Concen: 52.682 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion:104 Resp: 339470
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.0 43.0 64.4





#71

Bromoform

Concen: 50.346 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

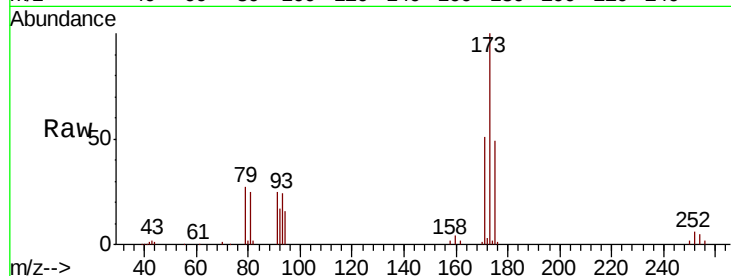
Tot Ion:173 Resp: 79873

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

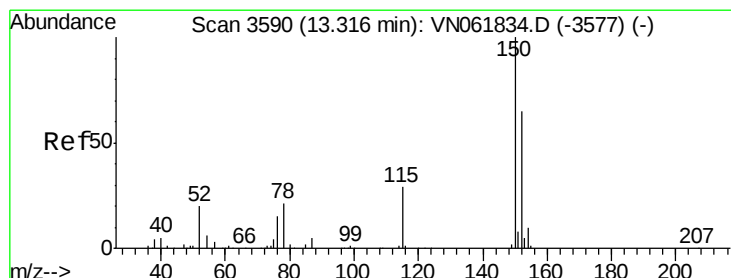
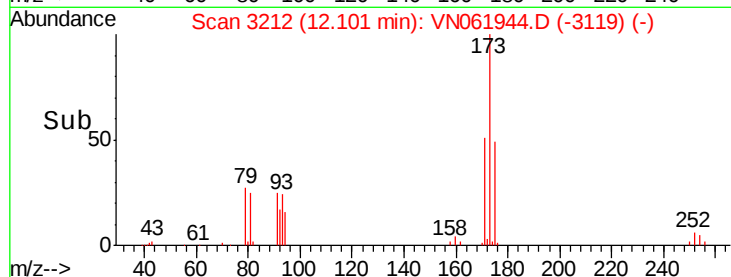
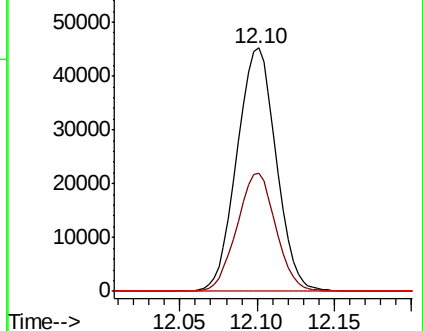
254 0.0 0.0 0.0



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: VN061944.D

Acq: 19 Jun 2020 11:18

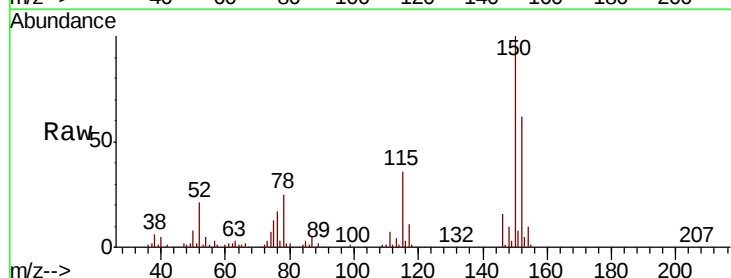
Tgt Ion:152 Resp: 147451

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

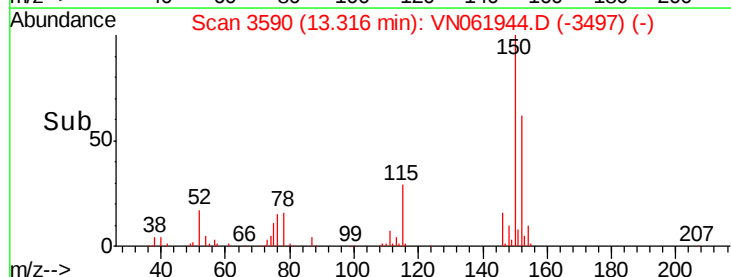
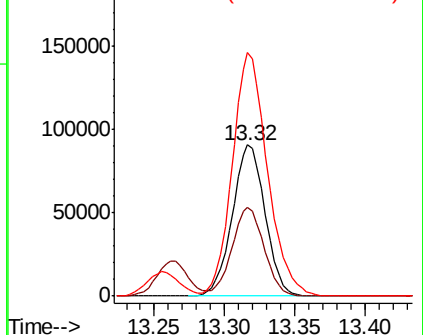
150 173.1 0.0 347.6

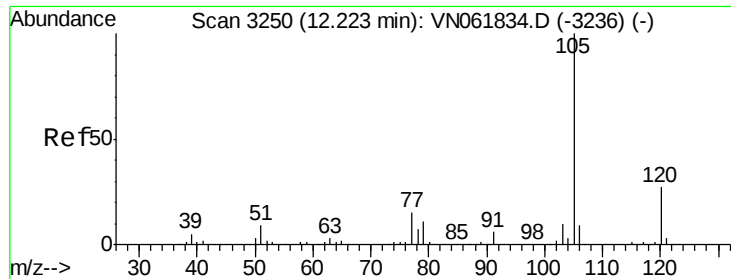


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.251 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

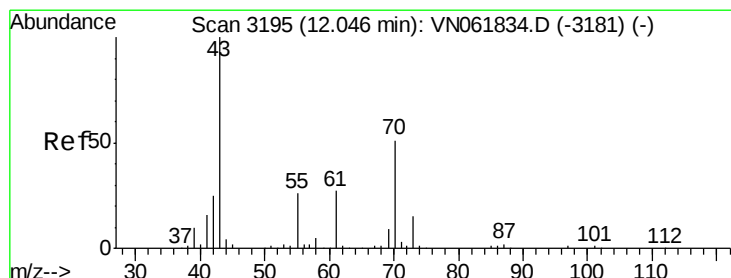
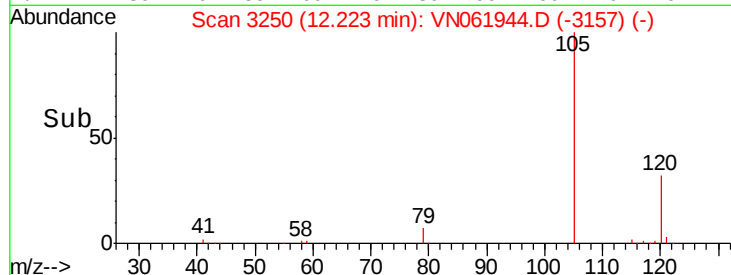
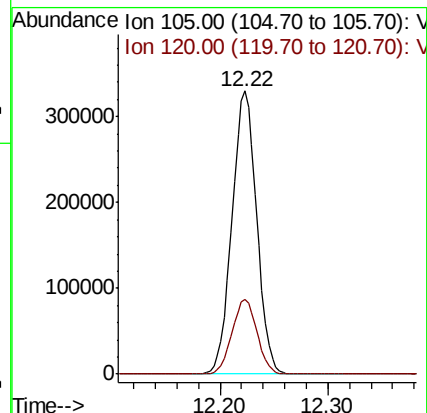
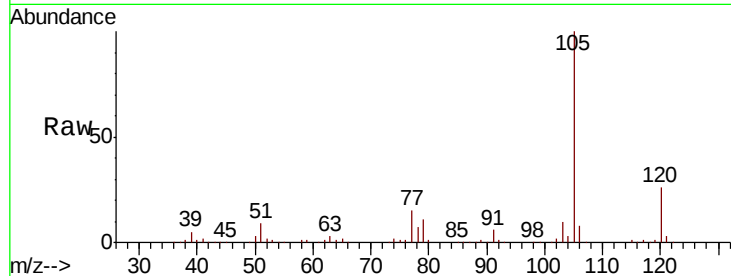
VSTDCCC050

Tot Ion:105 Resp: 526536

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 47.205 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Tgt Ion: 43 Resp: 178428

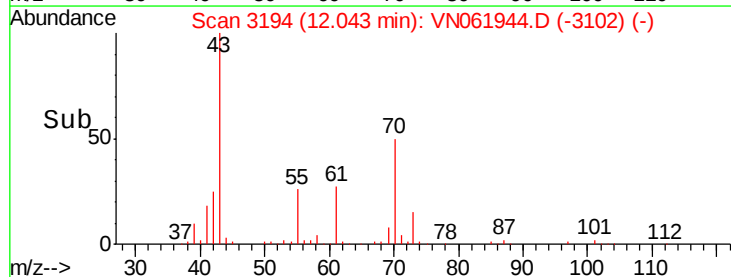
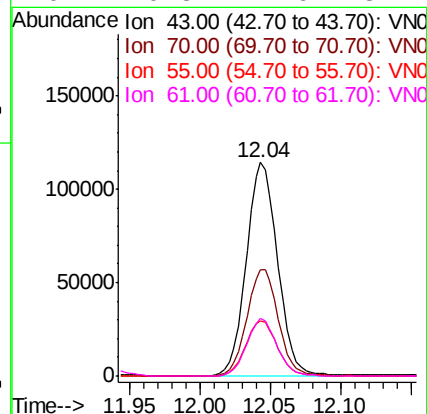
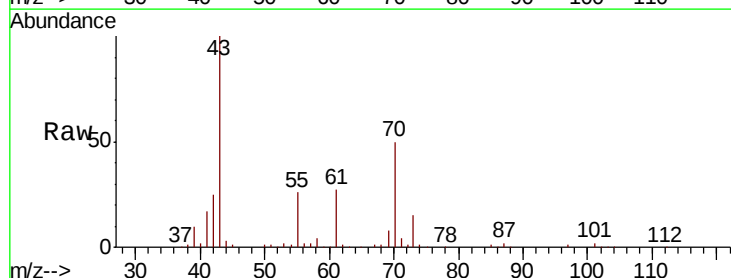
Ion Ratio Lower Upper

43 100

70 50.0 40.6 60.8

55 26.2 21.5 32.3

61 26.3 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.967 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

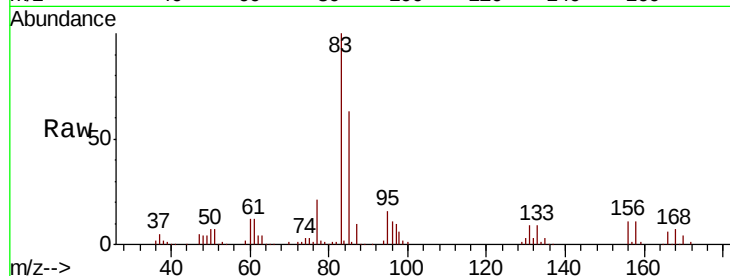
Tot Ion: 83 Resp: 163408

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

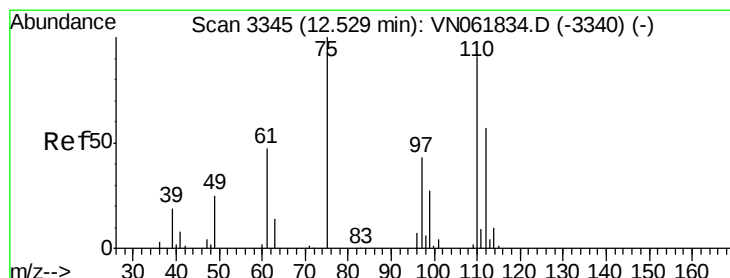
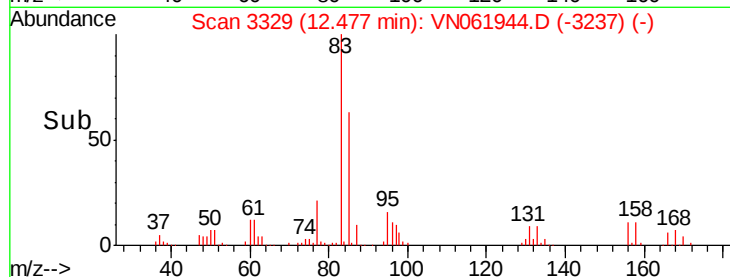
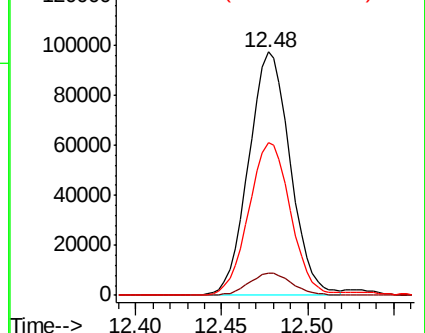
85 63.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN061834.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN061834.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN061834.D (-3316) (-)



#76

1,2,3-Trichloropropane

Concen: 69.882 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061944.D

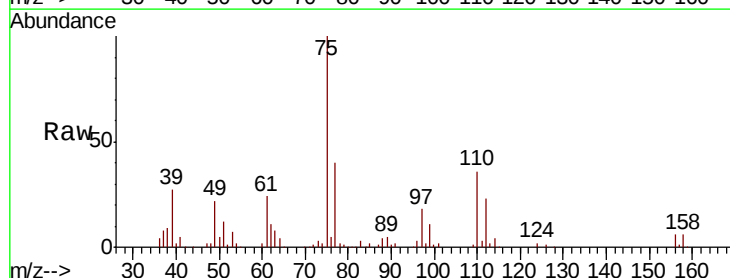
Acq: 19 Jun 2020 11:18

Tgt Ion: 75 Resp: 202298

Ion Ratio Lower Upper

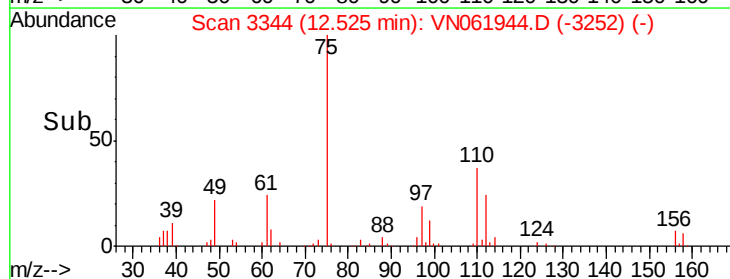
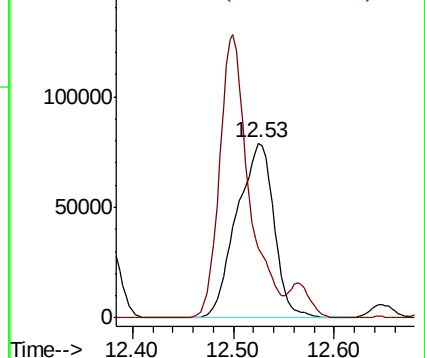
75 100

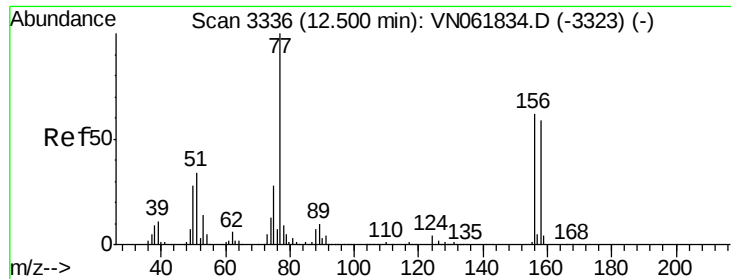
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-3340) (-)





#77

Bromobenzene

Concen: 47.795 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

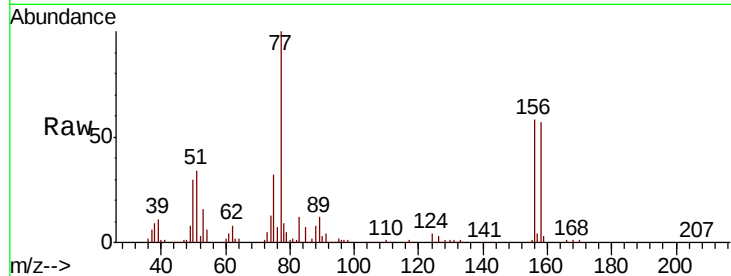
Tot Ion:156 Resp: 126346

Ion Ratio Lower Upper

156 100

77 206.5 100.7 302.1

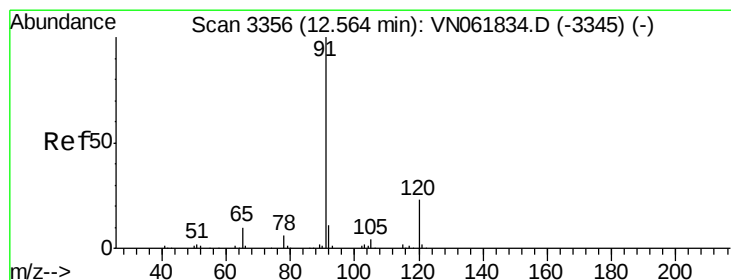
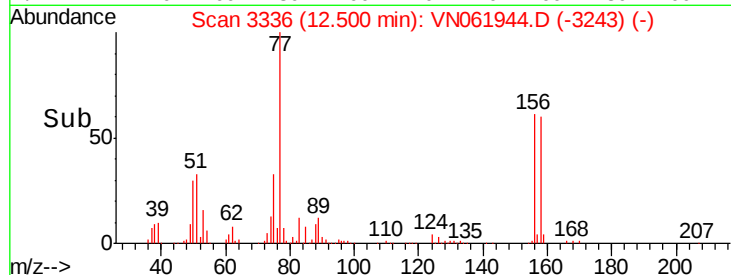
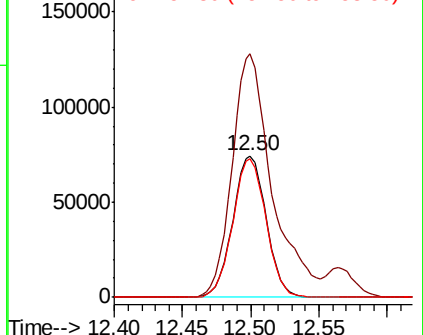
158 97.5 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.801 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061944.D

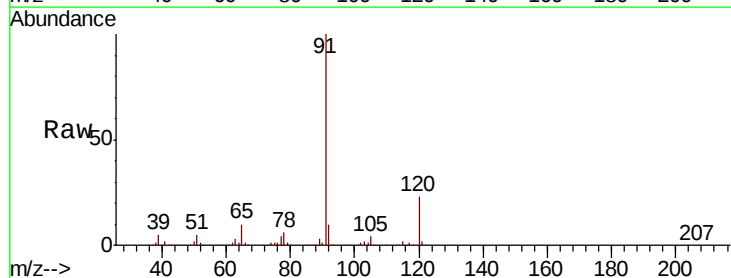
Acq: 19 Jun 2020 11:18

Tgt Ion: 91 Resp: 607372

Ion Ratio Lower Upper

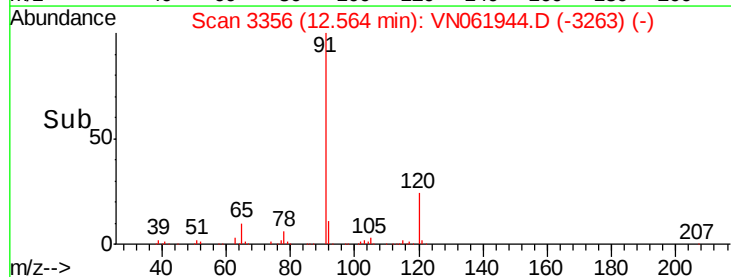
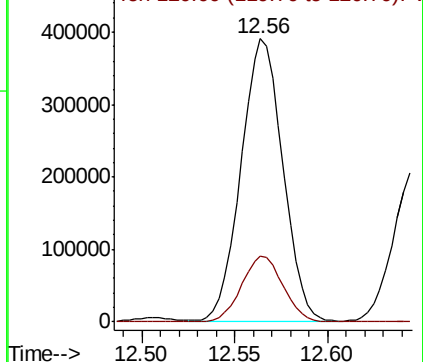
91 100

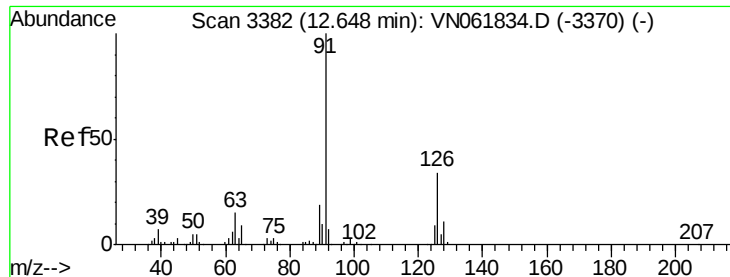
120 23.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.104 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

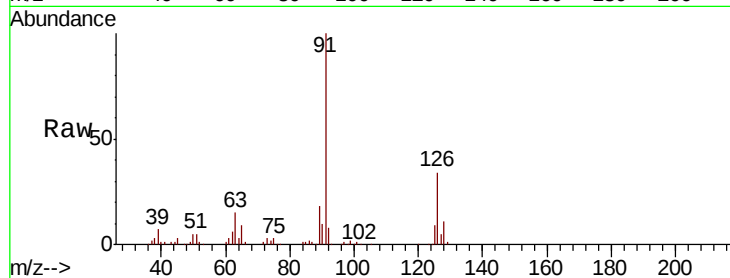
VSTDCCC050

Tot Ion: 91 Resp: 352596

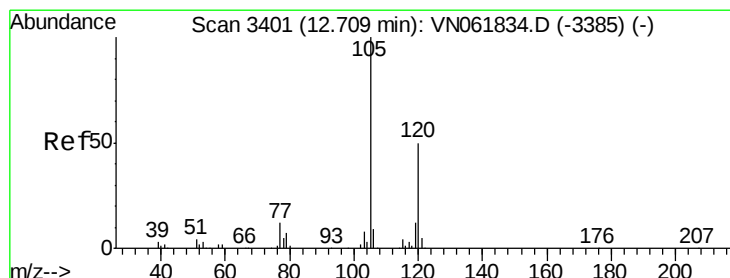
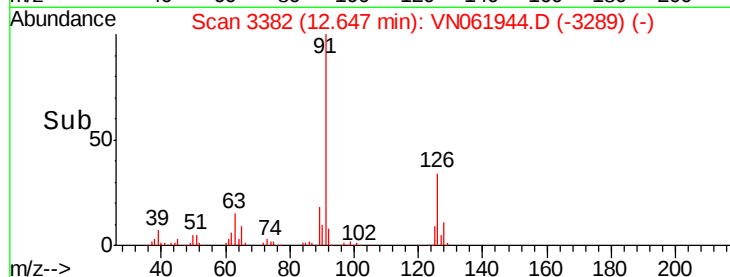
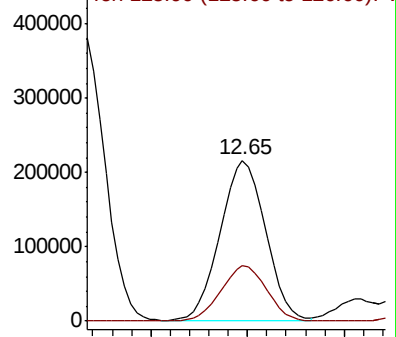
Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



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



#80

1,3,5-Trimethylbenzene

Concen: 51.087 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061944.D

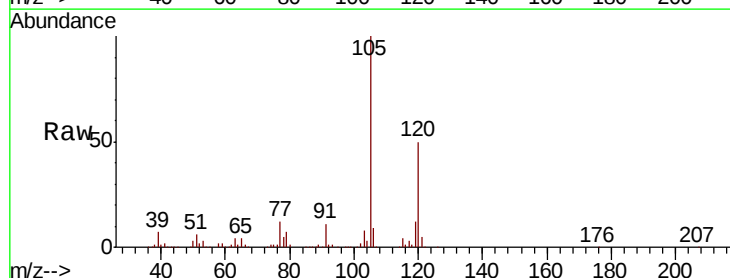
Acq: 19 Jun 2020 11:18

Tgt Ion: 105 Resp: 442859

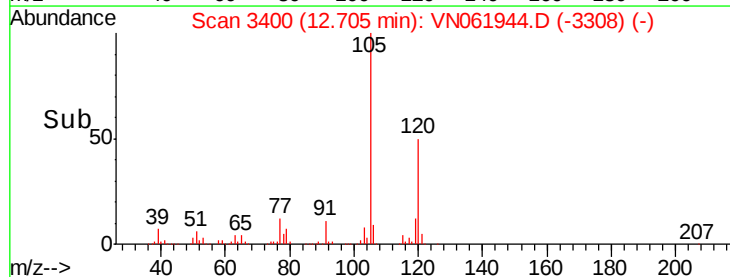
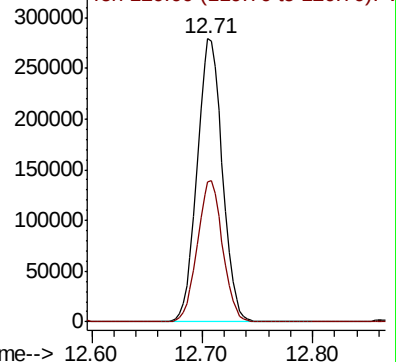
Ion Ratio Lower Upper

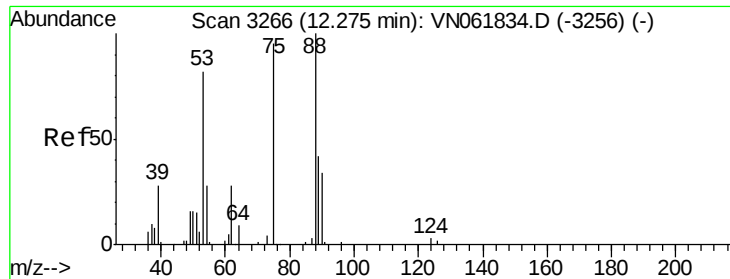
105 100

120 49.9 24.9 74.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 51.837 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

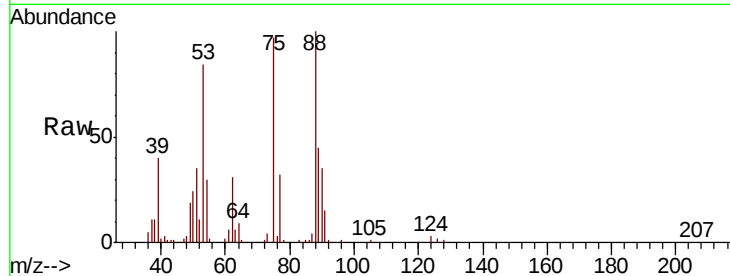
Tot Ion: 75 Resp: 55019

Ion Ratio Lower Upper

75 100

53 86.5 70.4 105.6

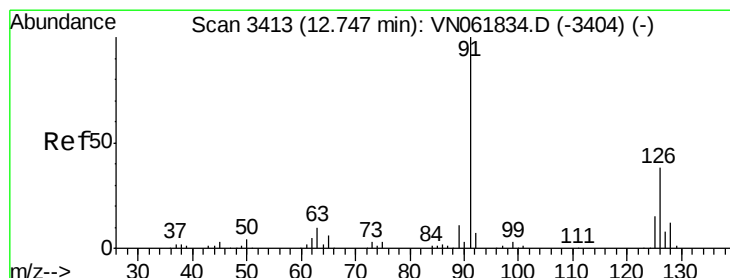
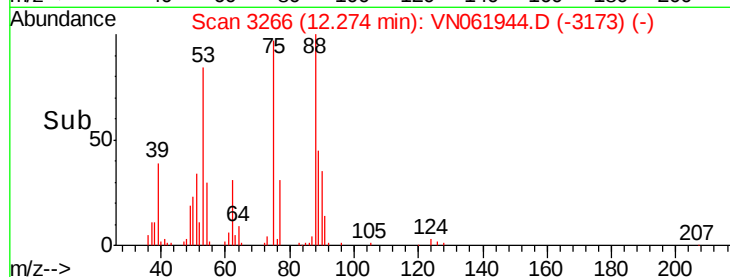
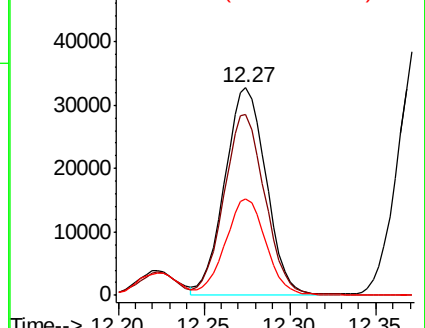
89 45.5 36.0 54.0



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

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

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



#82

4-Chlorotoluene

Concen: 50.067 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061944.D

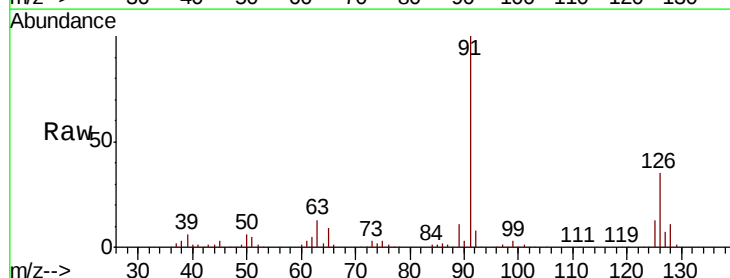
Acq: 19 Jun 2020 11:18

Tgt Ion: 91 Resp: 371488

Ion Ratio Lower Upper

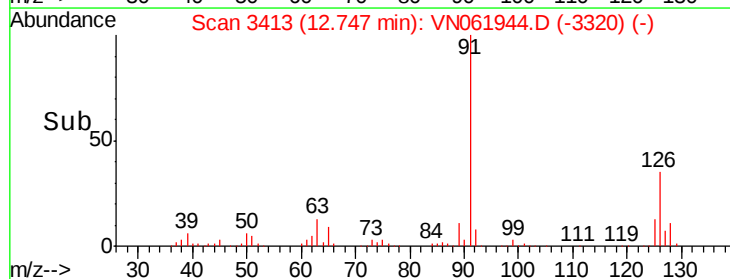
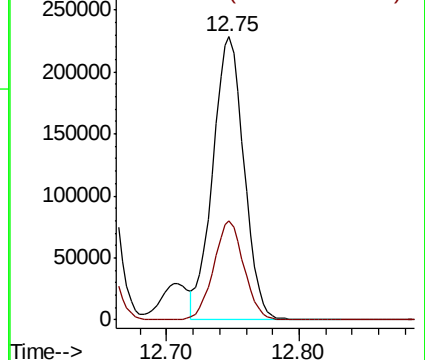
91 100

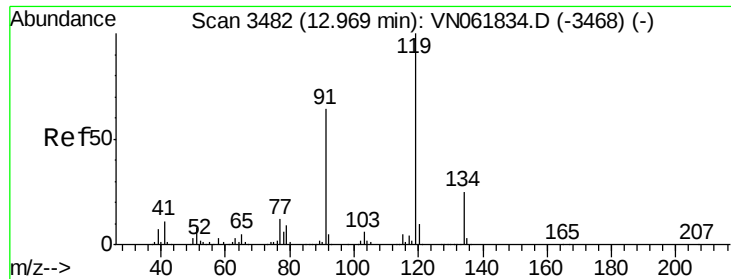
126 34.1 17.2 51.6



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

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

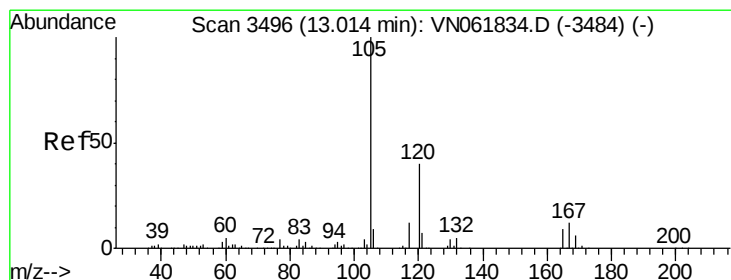
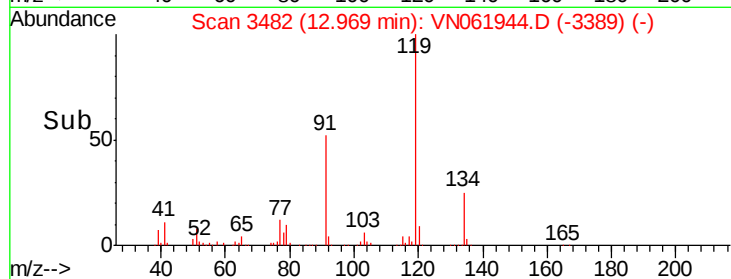
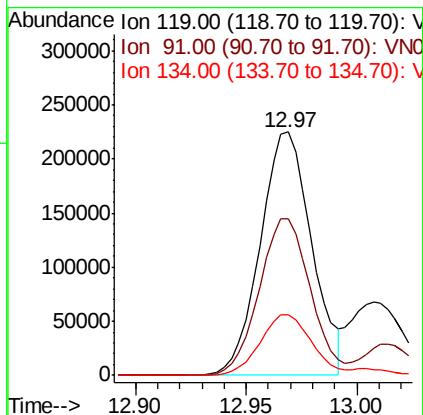
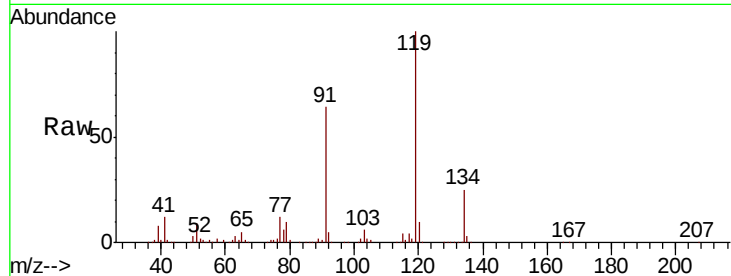




#83
 tert-Butylbenzene
 Concen: 49.437 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

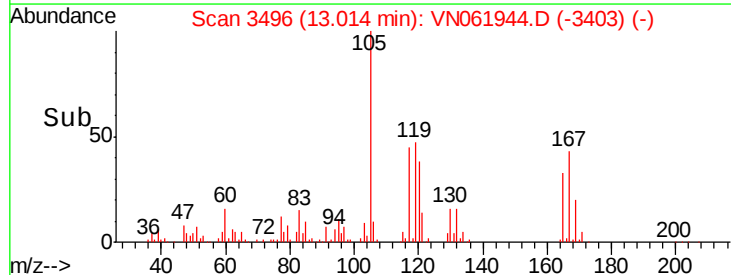
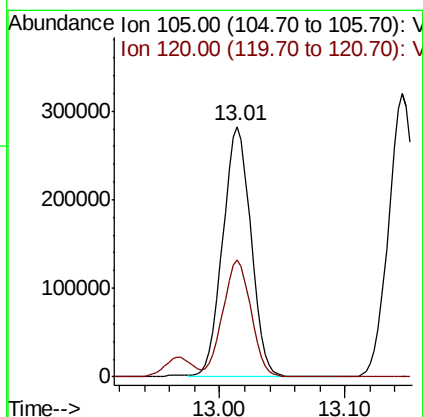
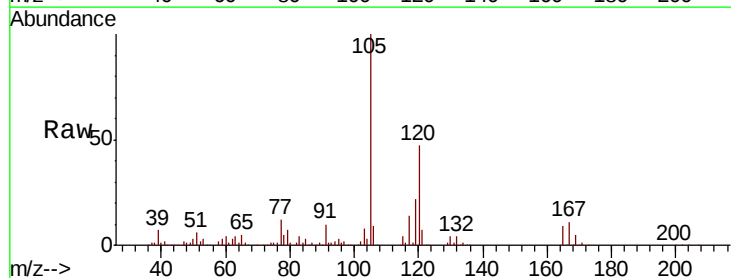
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

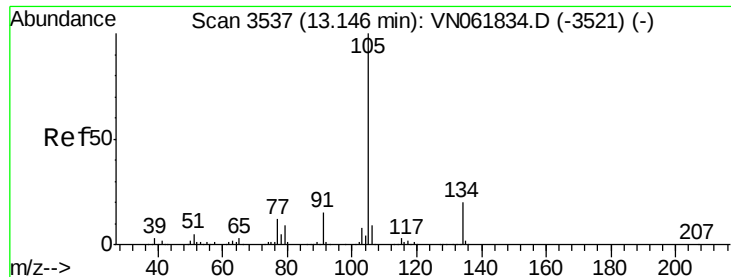
Tot Ion:119 Resp: 363319
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.5 94.5
 134 25.4 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.288 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion:105 Resp: 438879
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9





#85

sec-Butylbenzene

Concen: 51.982 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

Instrument :

MSVOA_N

ClientSampleId :

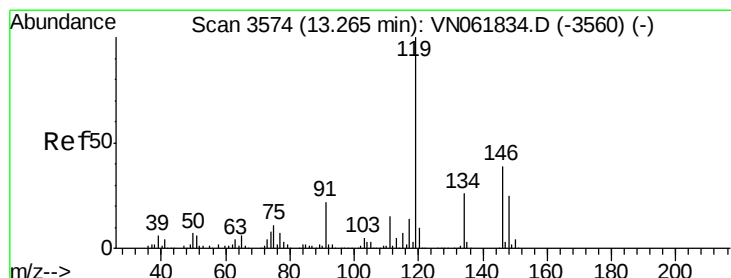
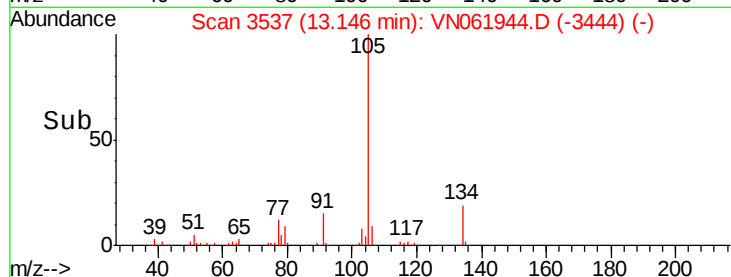
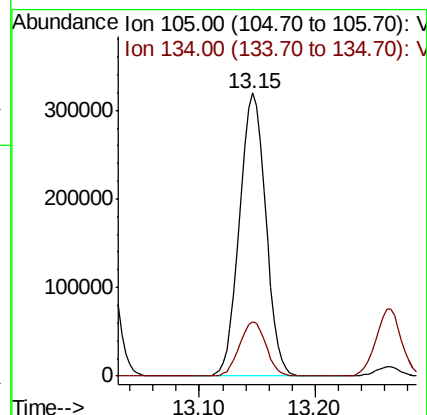
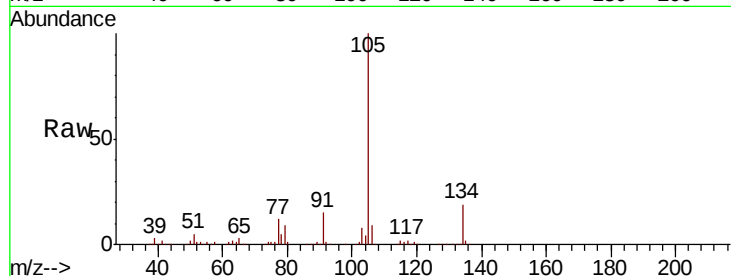
VSTDCCC050

Tot Ion:105 Resp: 500021

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.501 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061944.D

Acq: 19 Jun 2020 11:18

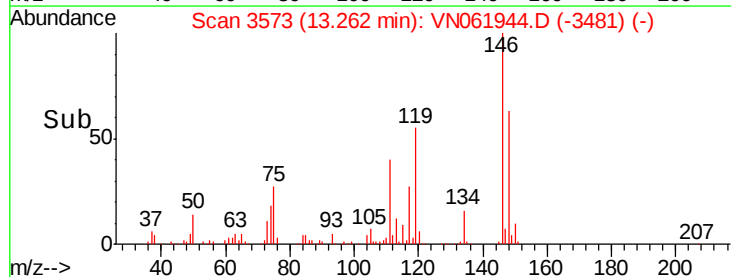
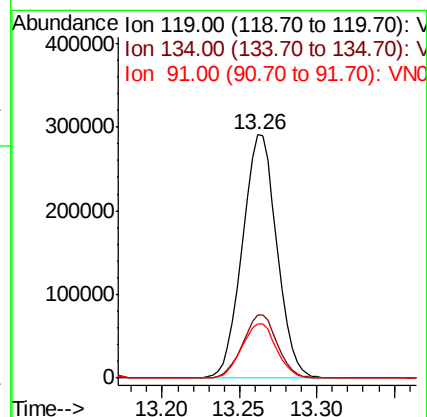
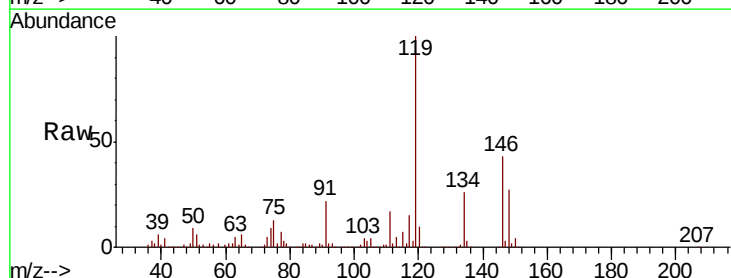
Tgt Ion:119 Resp: 450005

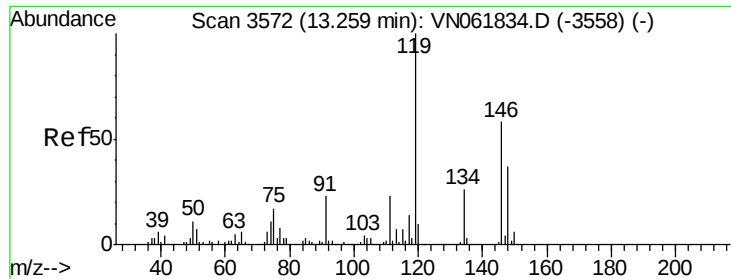
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.4 11.2 33.6

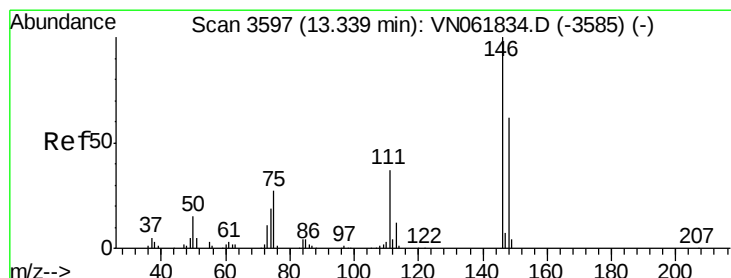
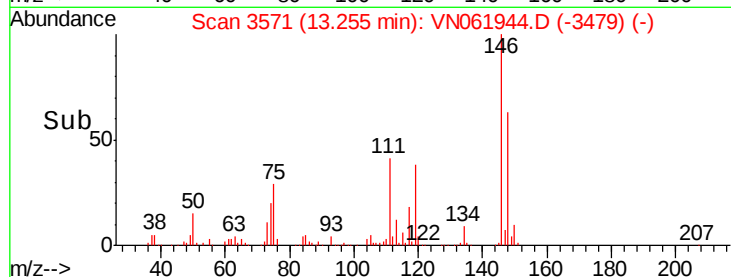
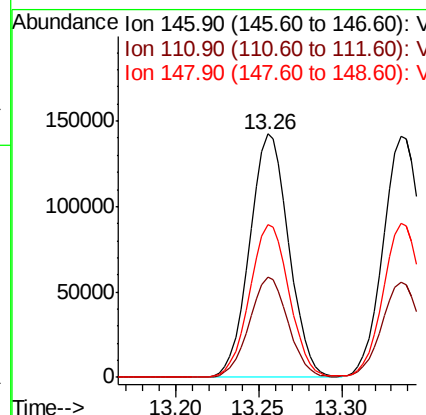
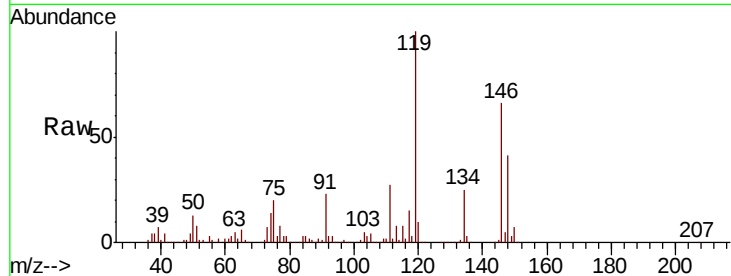




#87
 1,3-Dichlorobenzene
 Concen: 48.465 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

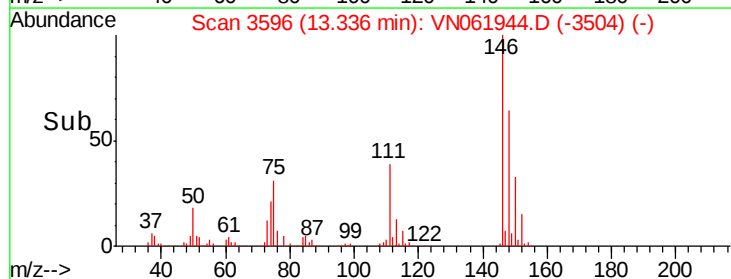
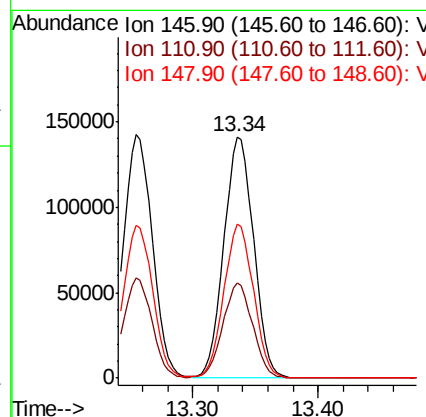
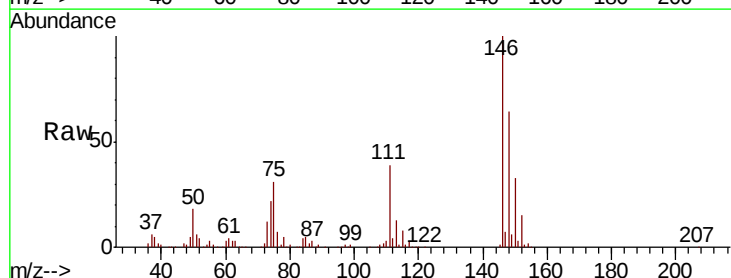
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

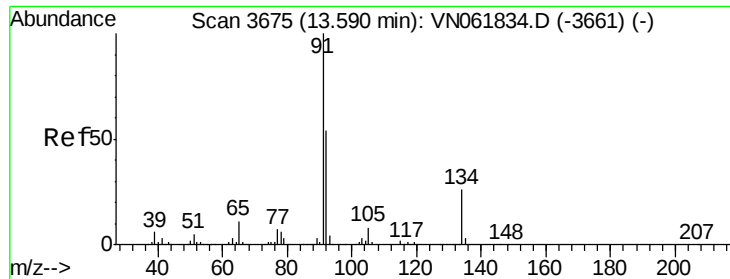
Tot Ion:146 Resp: 233665
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 63.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.178 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion:146 Resp: 232832
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.8
 148 62.9 31.6 94.7

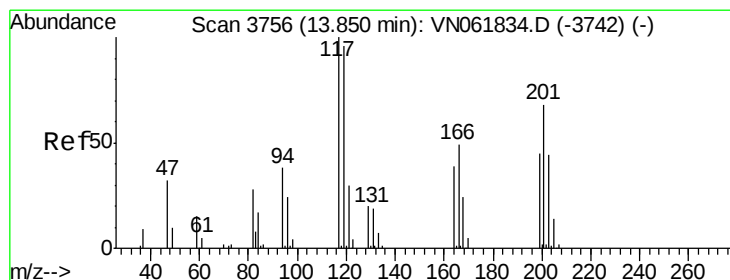
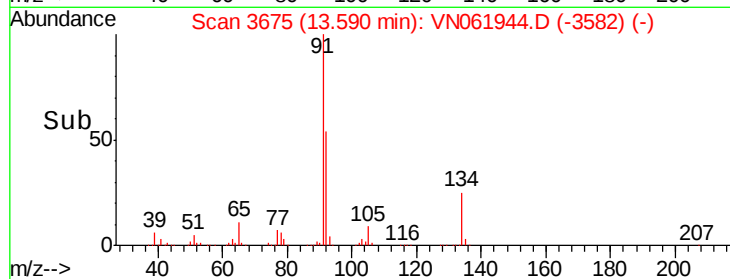
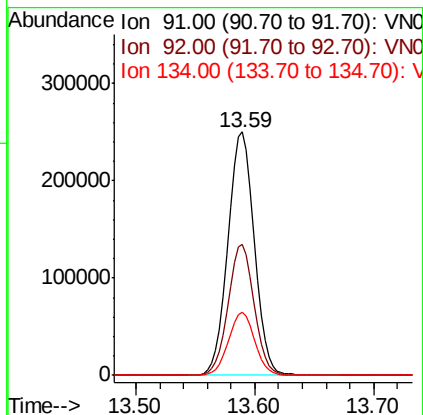
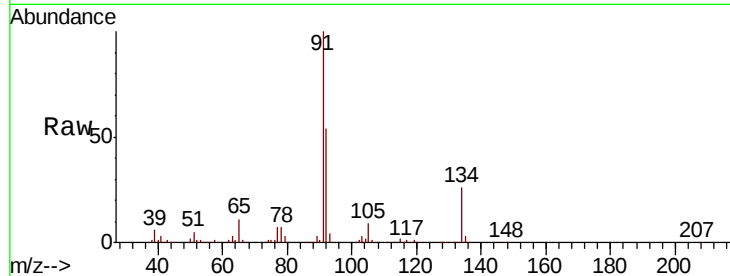




#89
n-Butylbenzene
Concen: 53.762 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

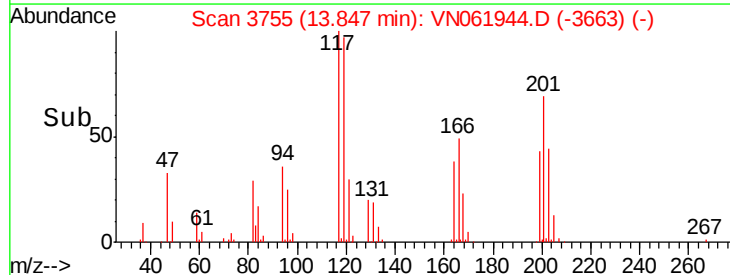
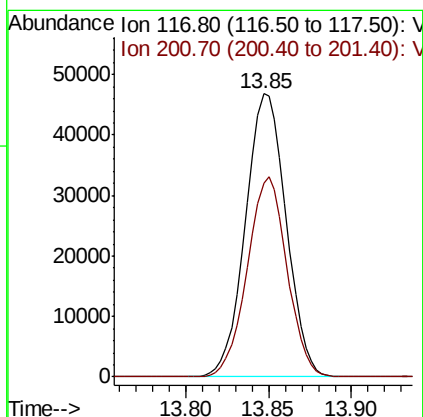
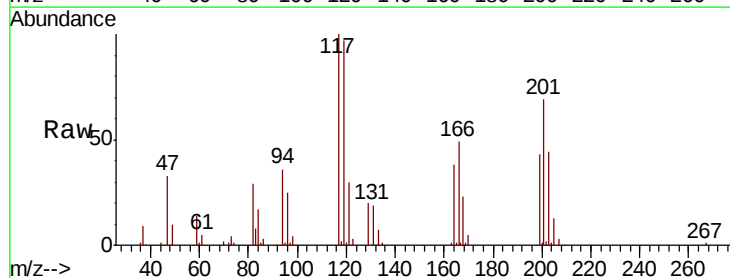
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

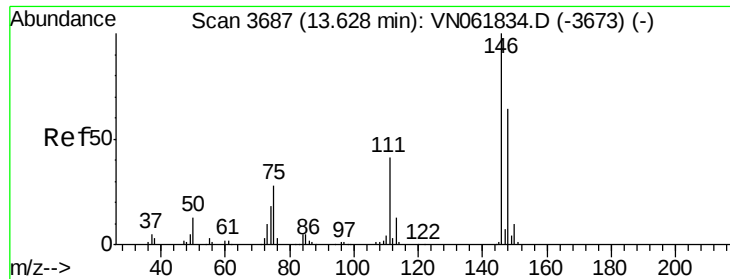
Tot Ion: 91 Resp: 384844
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 25.7 13.0 39.0



#90
Hexachloroethane
Concen: 50.993 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion: 117 Resp: 80008
Ion Ratio Lower Upper
117 100
201 68.7 34.6 103.8

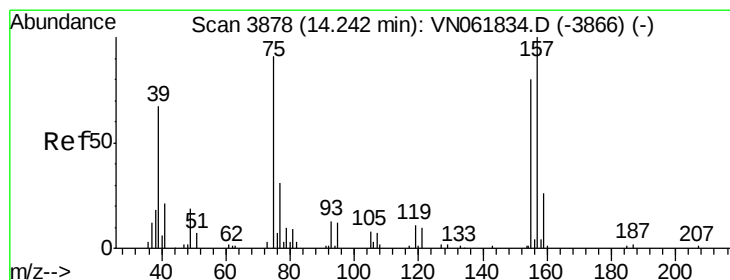
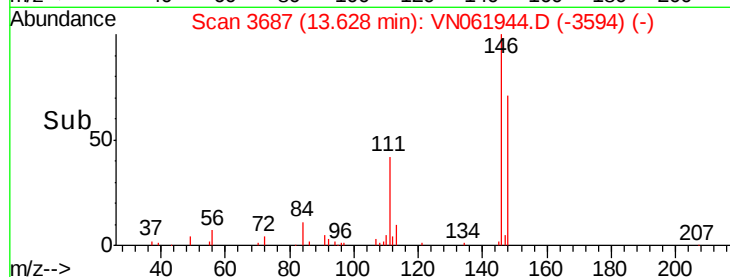
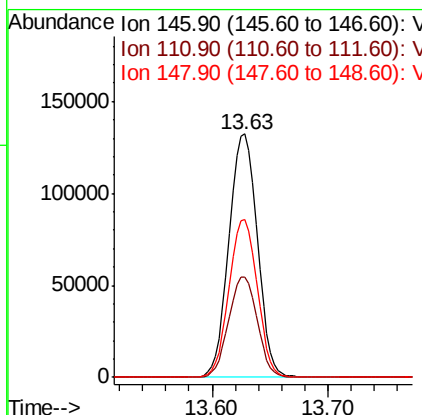
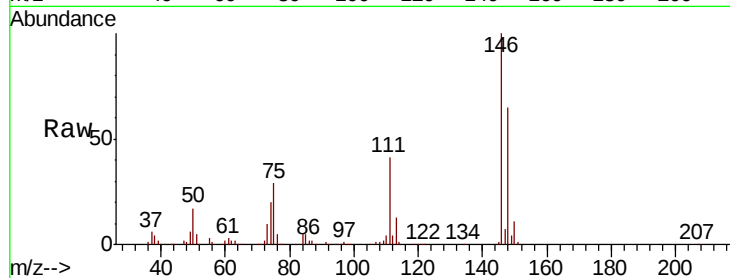




#91
 1,2-Dichlorobenzene
 Concen: 48.348 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

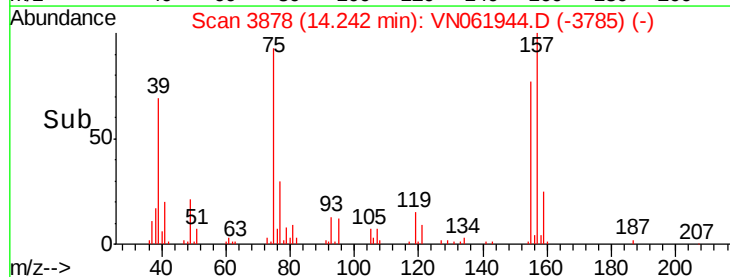
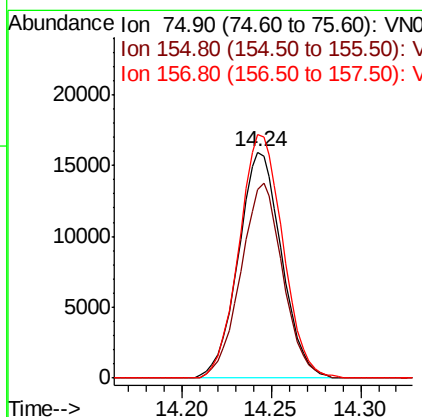
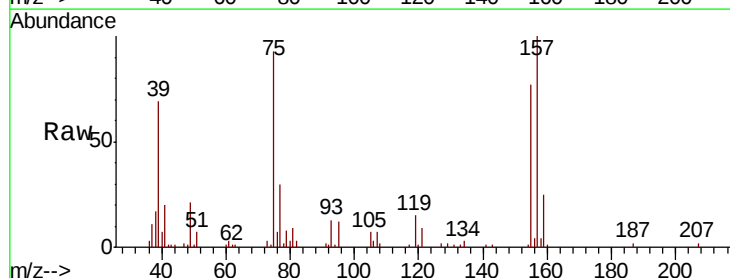
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

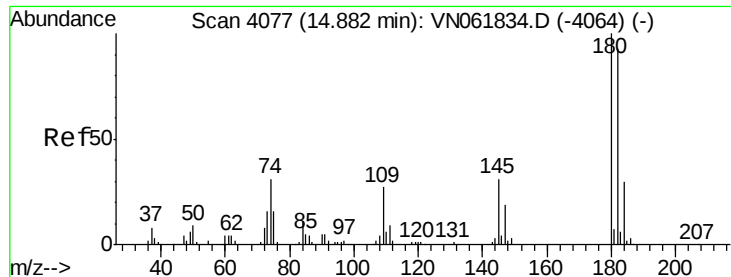
Tot Ion:146 Resp: 224410
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.4 61.2
 148 64.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.786 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion: 75 Resp: 26981
 Ion Ratio Lower Upper
 75 100
 155 84.2 44.4 133.2
 157 109.4 57.0 171.2

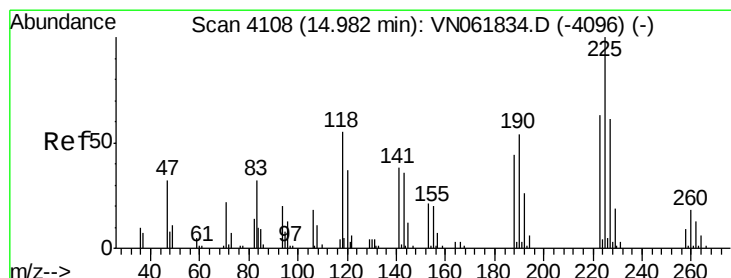
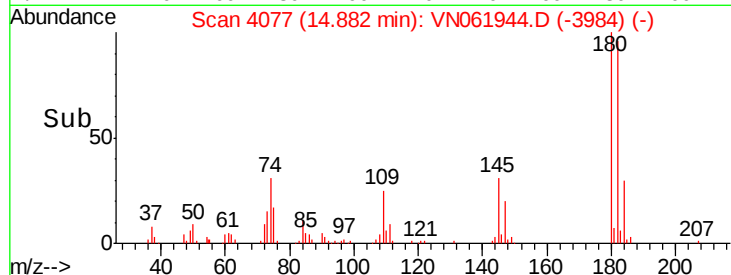
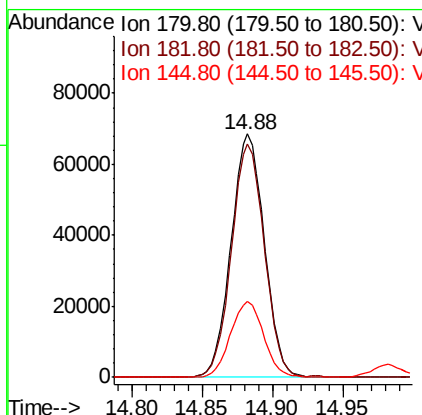
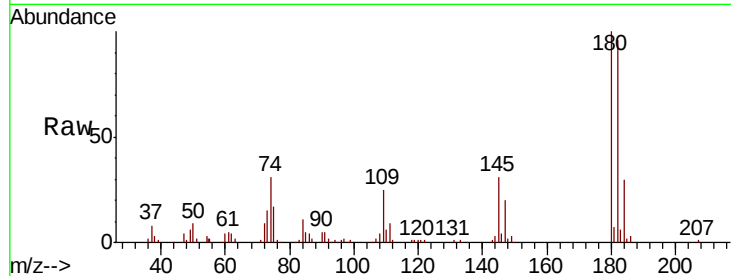




#93
 1,2,4-Trichlorobenzene
 Concen: 51.690 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

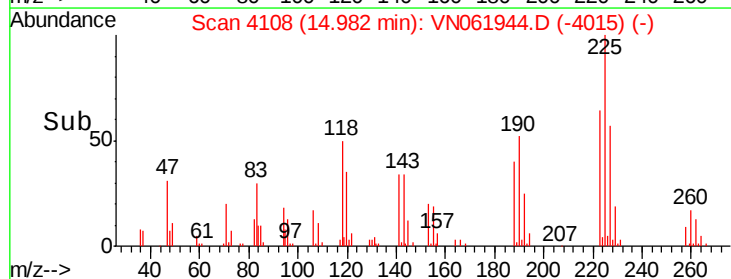
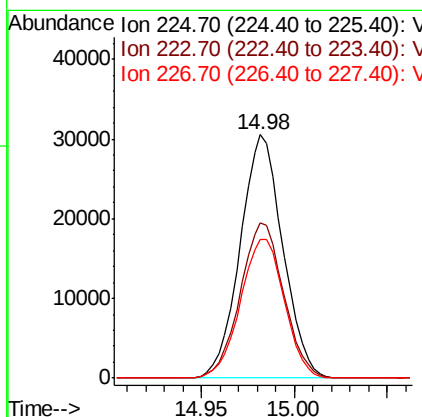
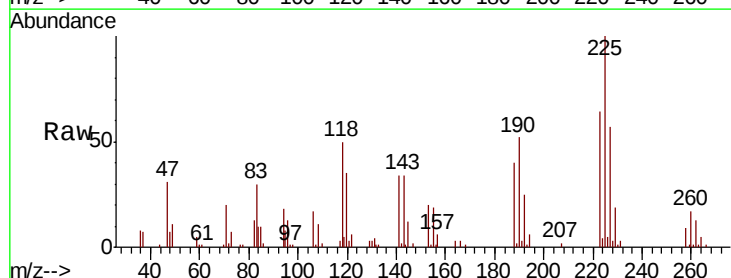
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

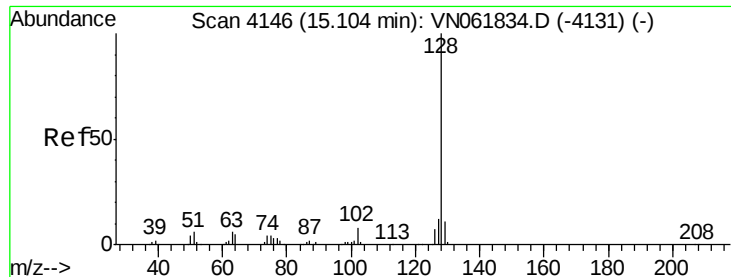
Tot Ion:180 Resp: 113213
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.2
 145 31.0 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 56.331 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061944.D
 Acq: 19 Jun 2020 11:18

Tgt Ion:225 Resp: 48593
 Ion Ratio Lower Upper
 225 100
 223 65.1 31.7 95.1
 227 58.6 30.1 90.3

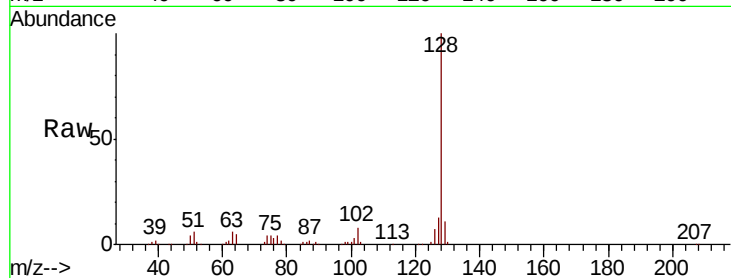




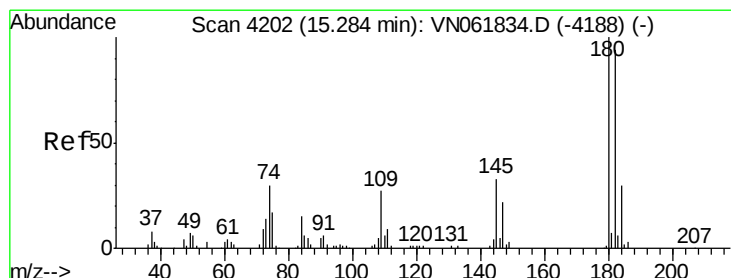
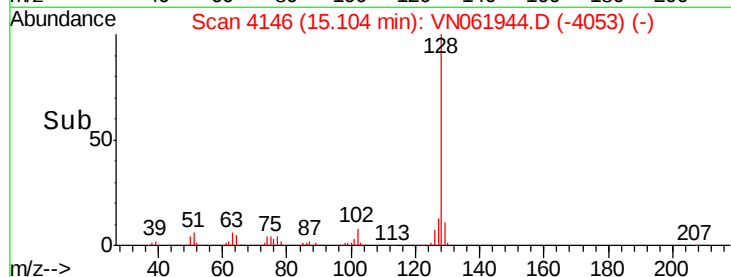
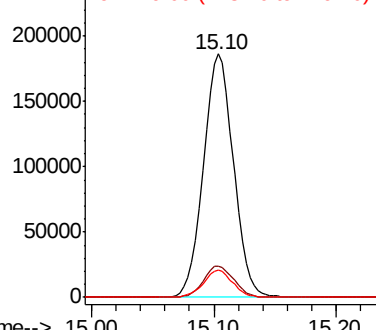
#95
Naphthalene
Concen: 43.848 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 318230
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0

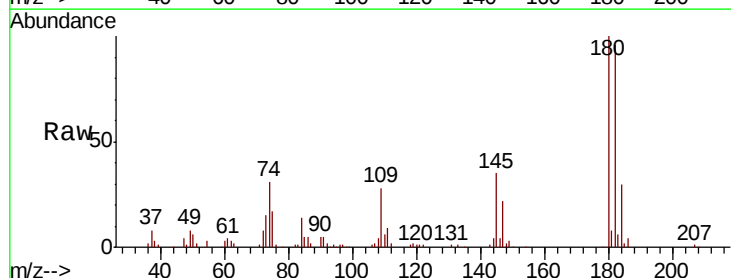


Abundance Ion 128.00 (127.70 to 128.70): V
250000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.188 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061944.D
Acq: 19 Jun 2020 11:18

Tgt Ion:180 Resp: 111033
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.6
145 34.2 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V
80000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

