

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061820\
 Data File : VN061942.D
 Acq On : 19 Jun 2020 9:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 19 11:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	273036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125552	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	101316	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.55	113	86051	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.06	98	330411	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	114755	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	101891	51.872	ug/l	99
3) Chloromethane	2.03	50	108241	51.666	ug/l	96
4) Vinyl Chloride	2.16	62	136959	54.838	ug/l	98
5) Bromomethane	2.52	94	90078	46.967	ug/l	100
6) Chloroethane	2.67	64	89968	53.227	ug/l	99
7) Trichlorofluoromethane	2.98	101	162491	54.468	ug/l	96
8) Diethyl Ether	3.37	74	55192	55.031	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79403	51.881	ug/l	99
10) Methyl Iodide	3.91	142	105494	56.356	ug/l	99
11) Tert butyl alcohol	4.73	59	72487	258.781	ug/l	98
12) 1,1-Dichloroethene	3.70	96	83316	54.330	ug/l	95
13) Acrolein	3.57	56	42127	251.634	ug/l	100
14) Allyl chloride	4.27	41	103929	51.063	ug/l	99
15) Acrylonitrile	4.93	53	199074	286.823	ug/l	99
16) Acetone	3.77	43	155907	260.752	ug/l	99
17) Carbon Disulfide	4.01	76	227135	50.619	ug/l	99
18) Methyl Acetate	4.27	43	95408	55.424	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	275965	54.047	ug/l	99
20) Methylene Chloride	4.50	84	98192	50.407	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	92693	52.624	ug/l	99
22) Diisopropyl ether	5.90	45	248756	53.440	ug/l	98
23) Vinyl Acetate	5.84	43	998871	272.834	ug/l	100
24) 1,1-Dichloroethane	5.80	63	161795	53.097	ug/l	99
25) 2-Butanone	6.78	43	239612	274.672	ug/l	97
26) 2,2-Dichloropropane	6.78	77	86028	33.557	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	107702	52.992	ug/l	96
28) Bromochloromethane	7.15	49	71269	52.529	ug/l	98
29) Tetrahydrofuran	7.17	42	159103	277.132	ug/l	99
30) Chloroform	7.33	83	171431	52.641	ug/l	100
31) Cyclohexane	7.61	56	129276	48.463	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	146148	52.695	ug/l	100
36) 1,1-Dichloropropene	7.75	75	123923	49.760	ug/l	99
37) Ethyl Acetate	6.88	43	103312	53.124	ug/l	99
38) Carbon Tetrachloride	7.73	117	126261	51.197	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	130815	48.782	ug/l	100
40) Benzene	8.00	78	388426	51.488	ug/l	99
41) Methacrylonitrile	7.16	41	146770	176.491	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	131577	51.152	ug/l	99
43) Isopropyl Acetate	8.13	43	172010	52.484	ug/l #	91
44) Trichloroethene	8.80	130	100921	50.832	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96722	52.171	ug/l	100
46) Dibromomethane	9.17	93	67890	52.002	ug/l	99
47) Bromodichloromethane	9.37	83	137396	51.396	ug/l	100
48) Methyl methacrylate	9.17	41	80054	53.712	ug/l	97
49) 1,4-Dioxane	9.17	88	37113	1084.590	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	518992	267.976	ug/l	99
52) Toluene	10.12	92	250644	52.903	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	138672	48.865	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	151181	49.047	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	98933	53.073	ug/l	99
56) Ethyl methacrylate	10.40	69	137742	48.470	ug/l	100
57) 1,3-Dichloropropane	10.68	76	165677	52.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	248667	252.760	ug/l	99
59) 2-Hexanone	10.72	43	379584	245.577	ug/l	100
60) Dibromochloromethane	10.87	129	110827	53.281	ug/l	99
61) 1,2-Dibromoethane	10.98	107	102979	52.905	ug/l	99
64) Tetrachloroethene	10.60	164	83617	51.218	ug/l	96
65) Chlorobenzene	11.41	112	271089	50.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	98673	52.346	ug/l	99
67) Ethyl Benzene	11.48	91	473257	52.225	ug/l	100
68) m/p-Xylenes	11.60	106	365991	104.740	ug/l	99
69) o-Xylene	11.92	106	176823	53.035	ug/l	98
70) Styrene	11.94	104	304513	54.547	ug/l	99
71) Bromoform	12.10	173	73332	53.354	ug/l #	100
73) Isopropylbenzene	12.22	105	459971	51.555	ug/l	100
74) N-amyl acetate	12.05	43	156615	48.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	148207	51.093	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	175274	71.108	ug/l #	100
77) Bromobenzene	12.50	156	114448	50.846	ug/l	98
78) n-propylbenzene	12.57	91	521068	51.184	ug/l	99
79) 2-Chlorotoluene	12.65	91	311775	50.992	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	384451	52.085	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	42036	46.513	ug/l	99
82) 4-Chlorotoluene	12.75	91	324041	51.290	ug/l	99
83) tert-Butylbenzene	12.97	119	319493	51.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	392966	53.932	ug/l	99
85) sec-Butylbenzene	13.15	105	423119	51.660	ug/l	100
86) p-Isopropyltoluene	13.26	119	386213	52.917	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205742	50.117	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205071	48.801	ug/l	99
89) n-Butylbenzene	13.59	91	306792	50.333	ug/l	98
90) Hexachloroethane	13.85	117	72183	54.030	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	204970	51.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25636	54.439	ug/l	97

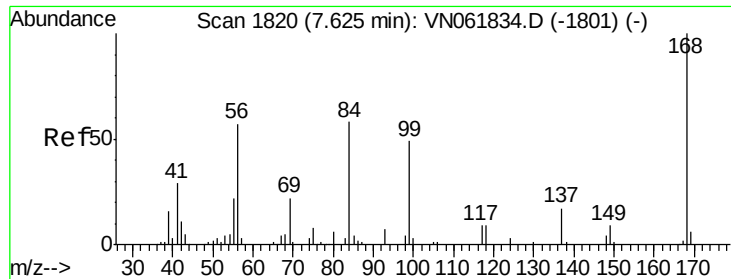
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061820\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93250	50.002	ug/l	100
94) Hexachlorobutadiene	14.98	225	35463	48.281	ug/l	99
95) Naphthalene	15.10	128	281818	45.464	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	97590	52.838	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

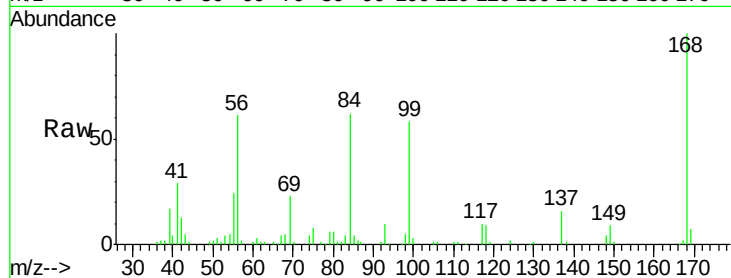
VSTDCCC050EC

Tgt Ion: 168 Resp: 150931

Ion Ratio Lower Upper

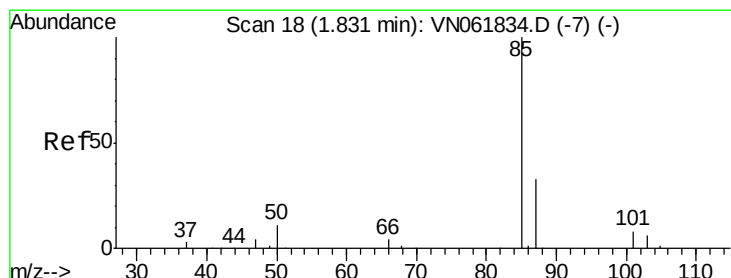
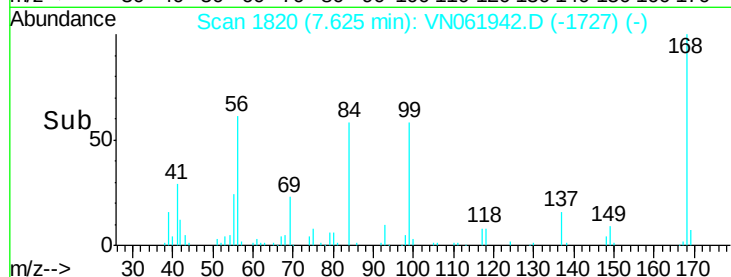
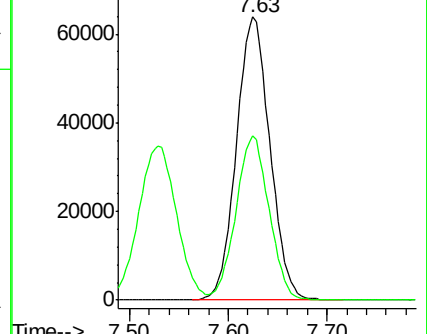
168 100

99 58.2 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: 51.872 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061942.D

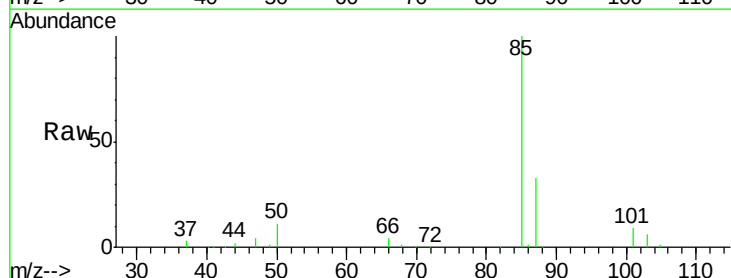
Acq: 19 Jun 2020 9:18

Tgt Ion: 85 Resp: 101891

Ion Ratio Lower Upper

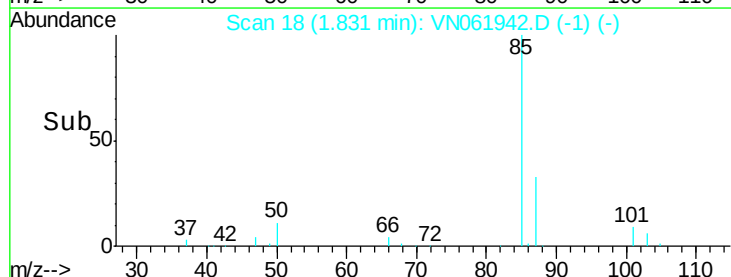
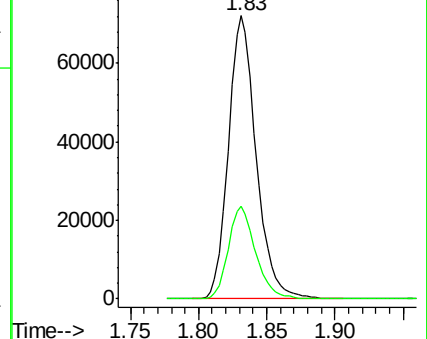
85 100

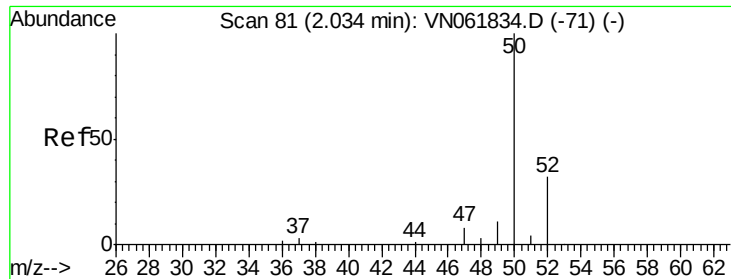
87 32.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.666 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

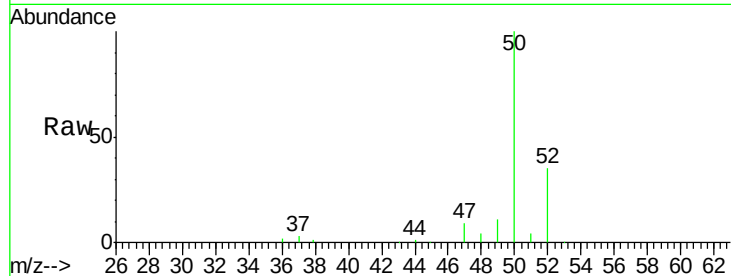
VSTDCCC050EC

Tgt Ion: 50 Resp: 108241

Ion Ratio Lower Upper

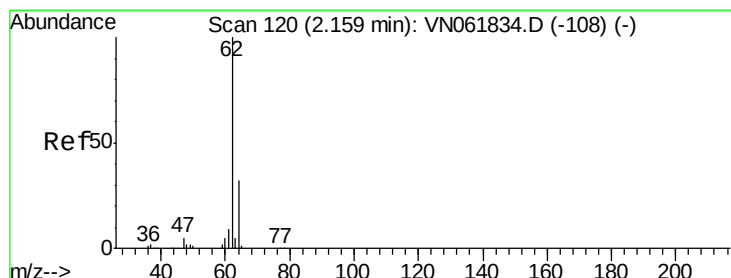
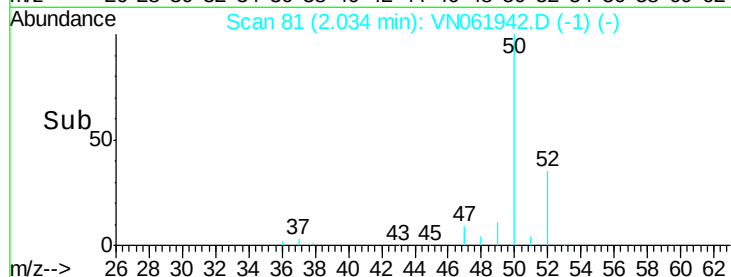
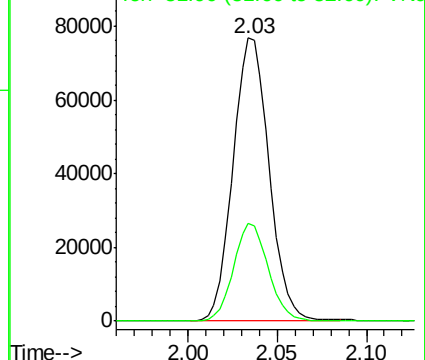
50 100

52 34.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 54.838 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061942.D

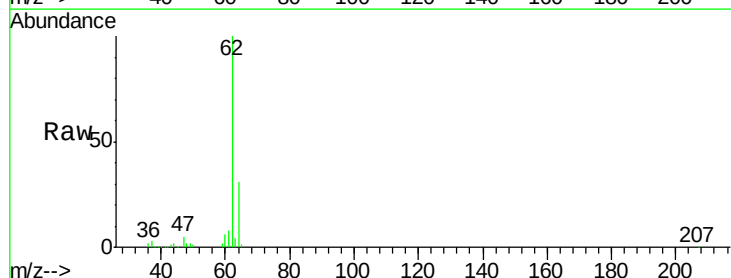
Acq: 19 Jun 2020 9:18

Tgt Ion: 62 Resp: 136959

Ion Ratio Lower Upper

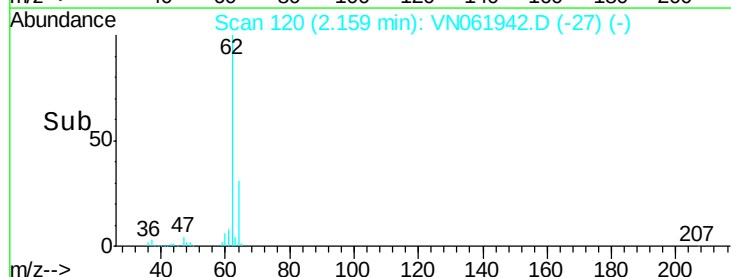
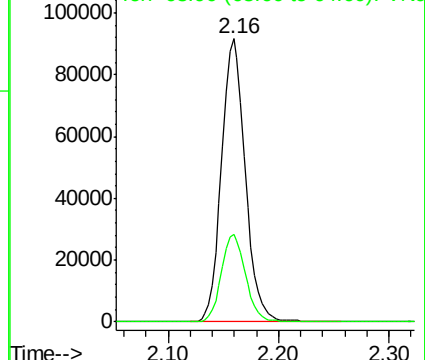
62 100

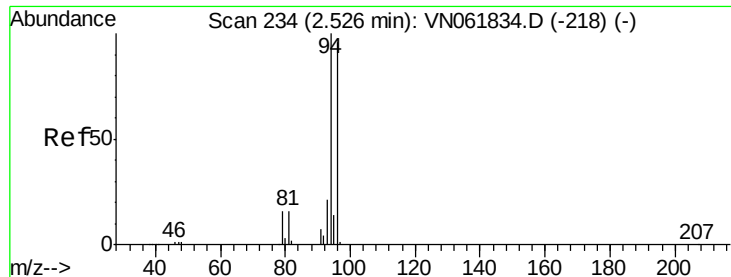
64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 46.967 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

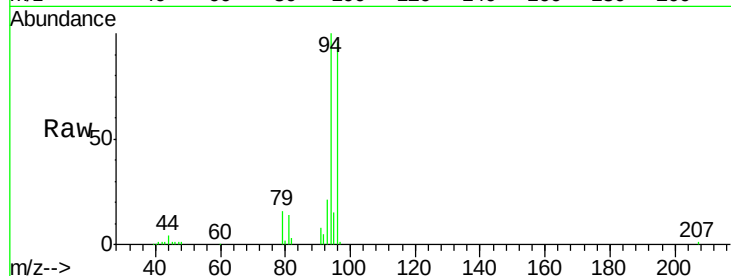
VSTDCCC050EC

Tgt Ion: 94 Resp: 90078

Ion Ratio Lower Upper

94 100

96 96.1 76.7 115.1

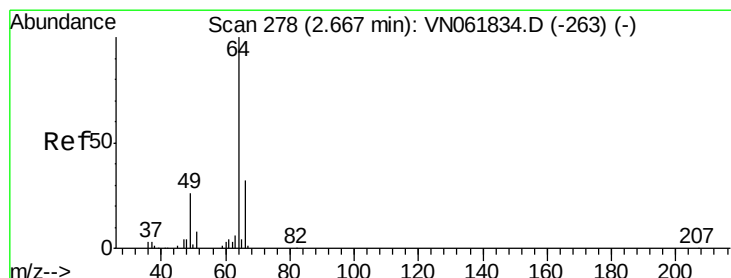
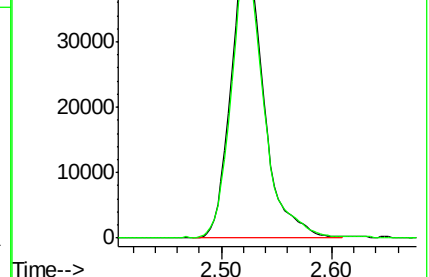
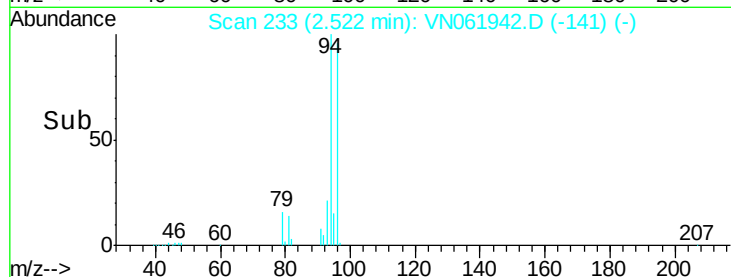


Abundance Ion 93.90 (93.60 to 94.60): VN061942.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VN061942.D (-141) (-)

2.52

Time-->



#6

Chloroethane

Concen: 53.227 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061942.D

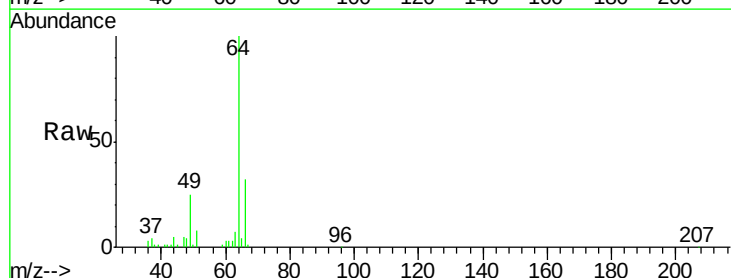
Acq: 19 Jun 2020 9:18

Tgt Ion: 64 Resp: 89968

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2

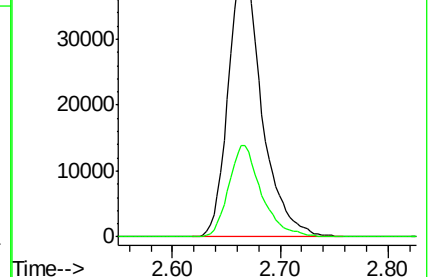
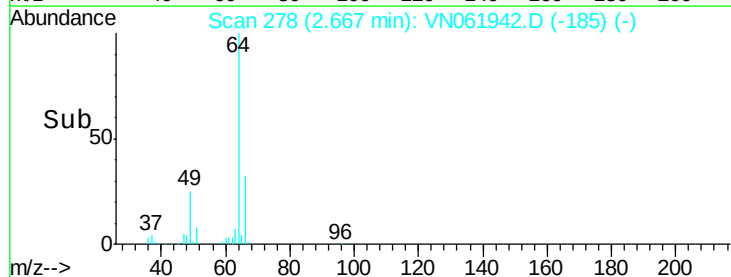


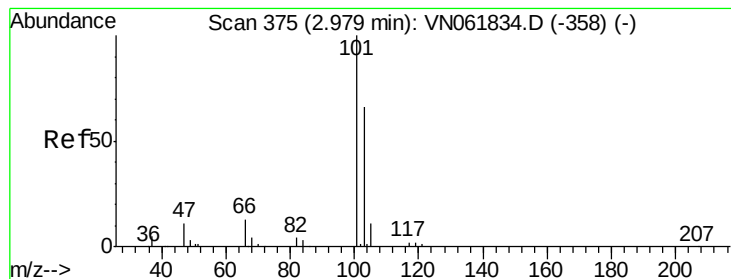
Abundance Ion 63.90 (63.60 to 64.60): VN061942.D (-185) (-)

Ion 65.90 (65.60 to 66.60): VN061942.D (-185) (-)

2.67

Time-->



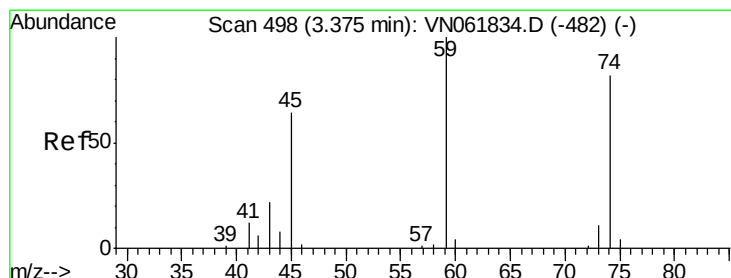
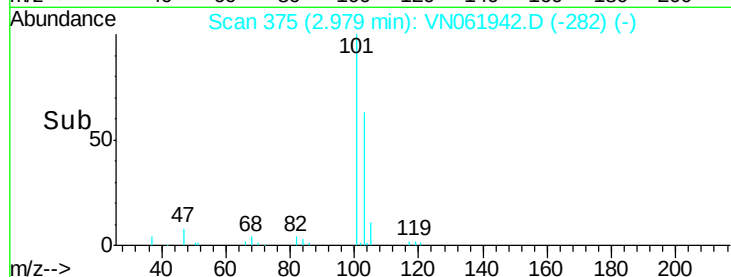
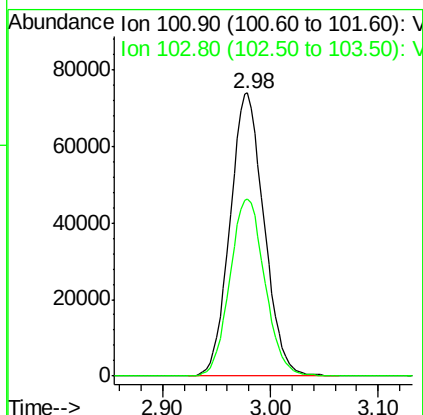
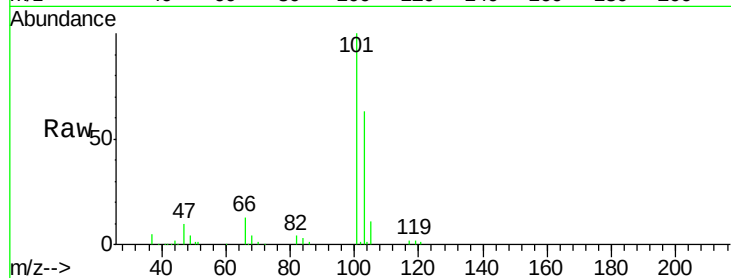


#7

Trichlorofluoromethane
 Concen: 54.468 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Instrument :
 MSVOA_N
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 VSTDCCC050EC

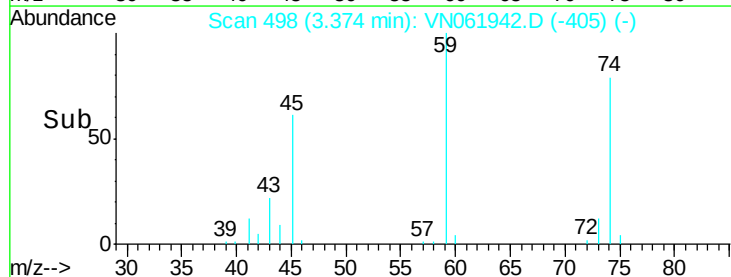
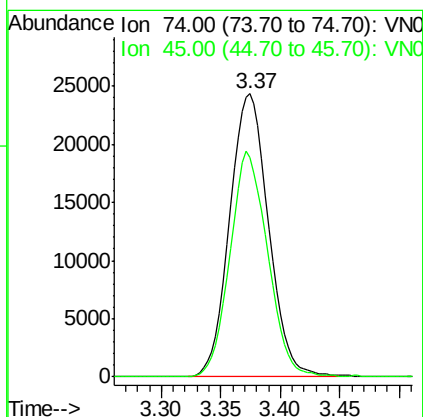
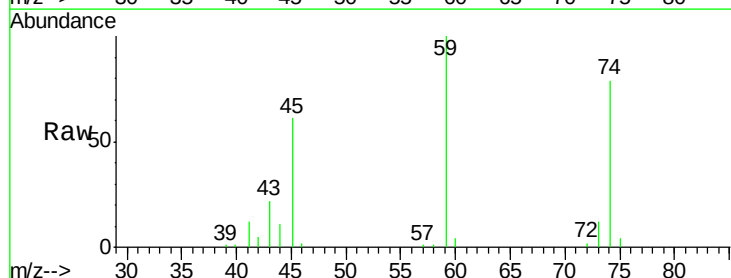
Tgt Ion:101 Resp: 162491
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.8 79.2

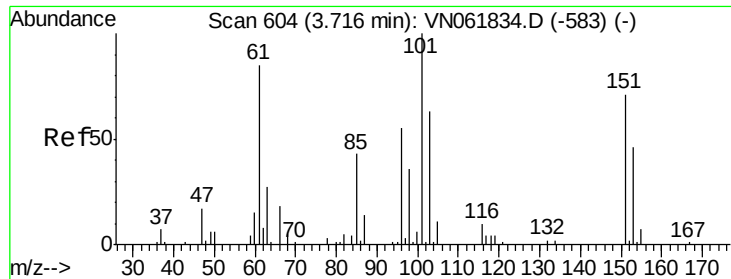


#8

Diethyl Ether
 Concen: 55.031 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 74 Resp: 55192
 Ion Ratio Lower Upper
 74 100
 45 77.1 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.881 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

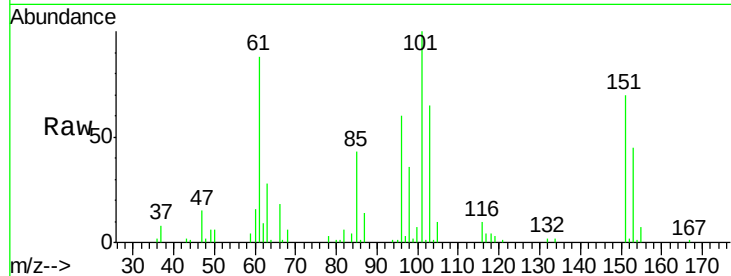
Tgt Ion:101 Resp: 79403

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.6

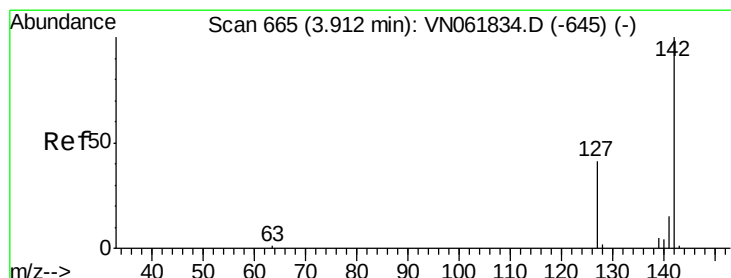
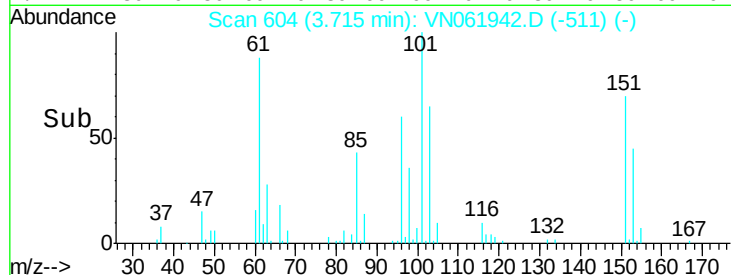
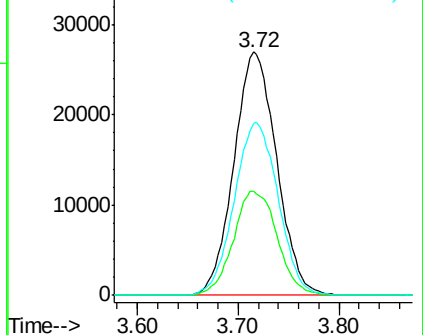
151 73.0 59.2 88.8



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: 56.356 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

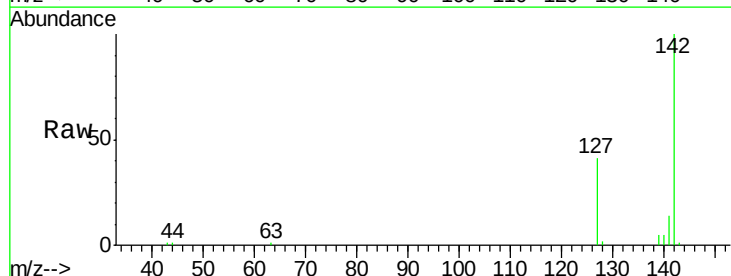
Tgt Ion:142 Resp: 105494

Ion Ratio Lower Upper

142 100

127 42.3 33.4 50.0

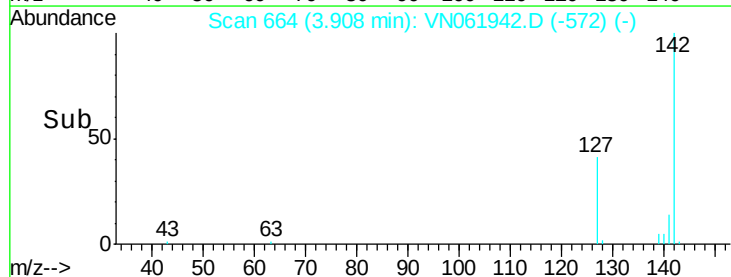
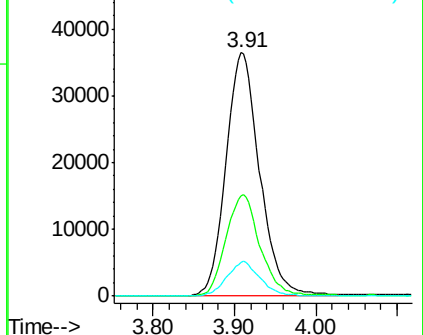
141 13.8 11.3 16.9

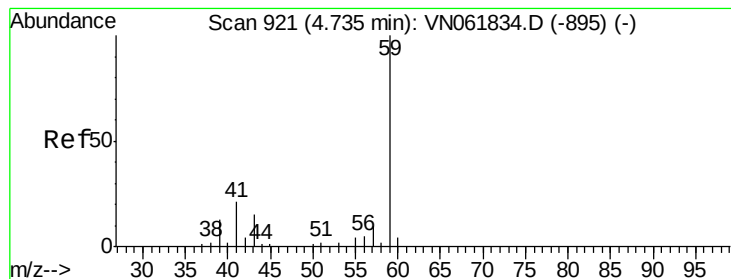


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



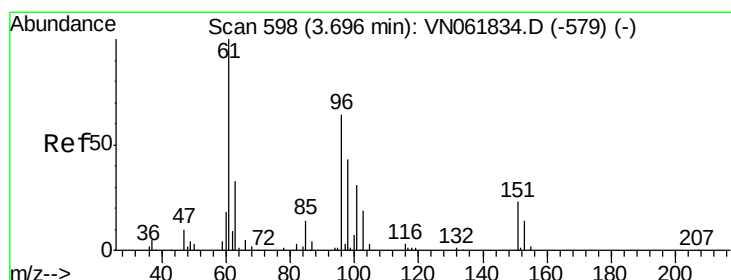
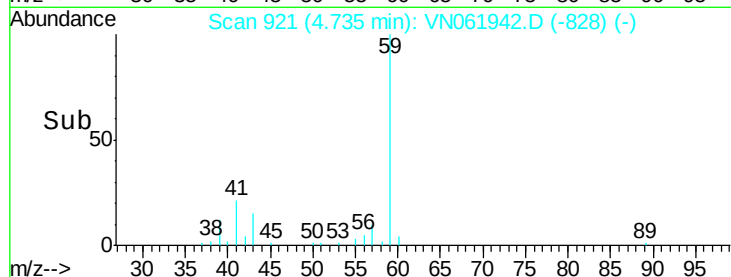
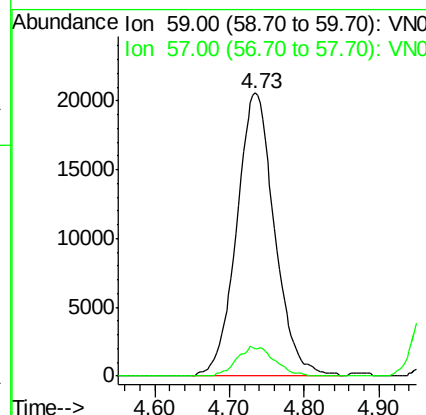
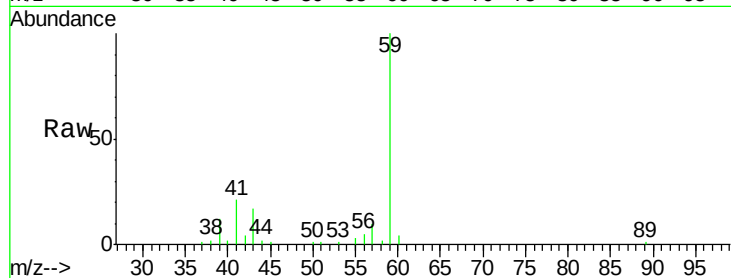


#11

Tert butyl alcohol
 Concen: 258.781 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

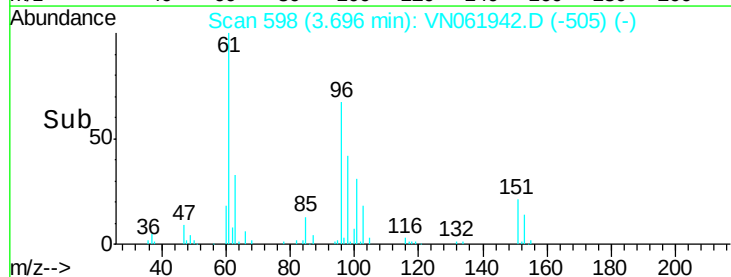
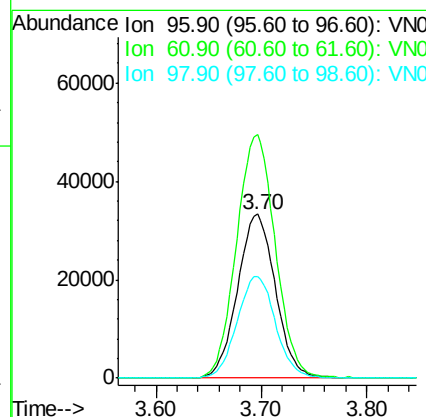
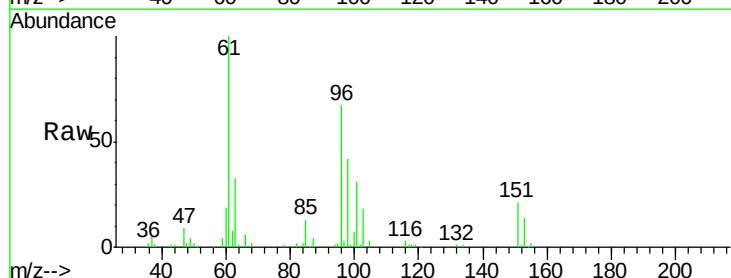
Tgt Ion: 59 Resp: 72487
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.7 11.5

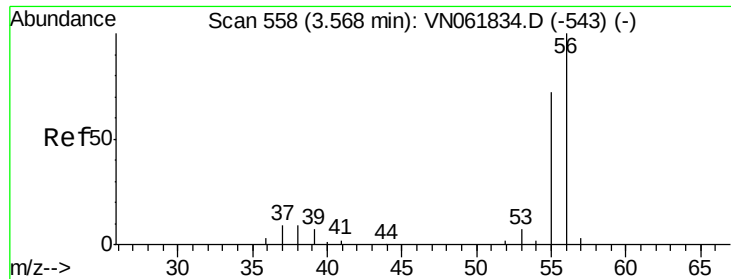


#12

1,1-Dichloroethene
 Concen: 54.330 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 96 Resp: 83316
 Ion Ratio Lower Upper
 96 100
 61 148.7 124.3 186.5
 98 62.3 53.1 79.7

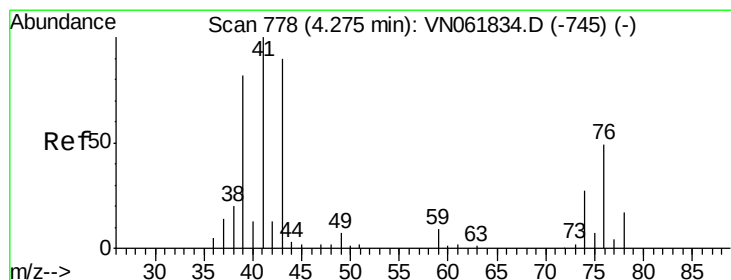
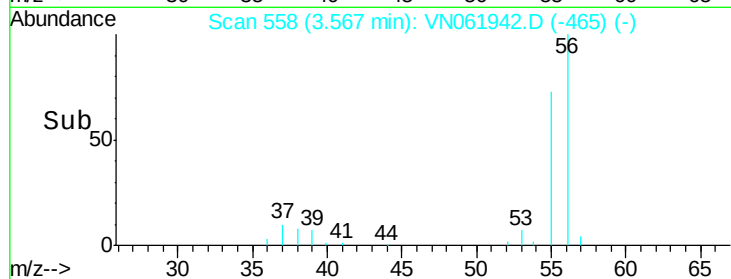
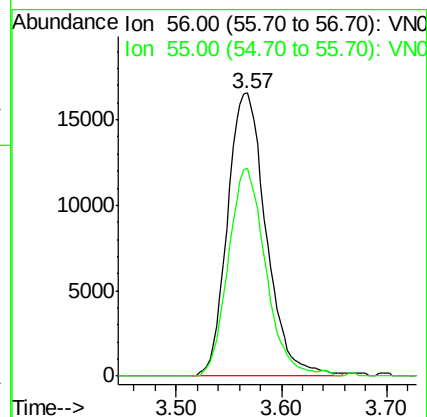
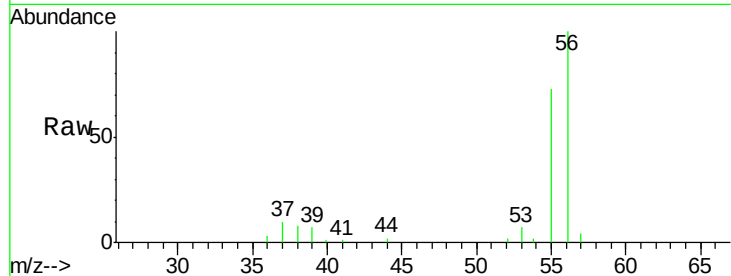




#13
Acrolein
Concen: 251.634 ug/l
RT: 3.57 min Scan# 558
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

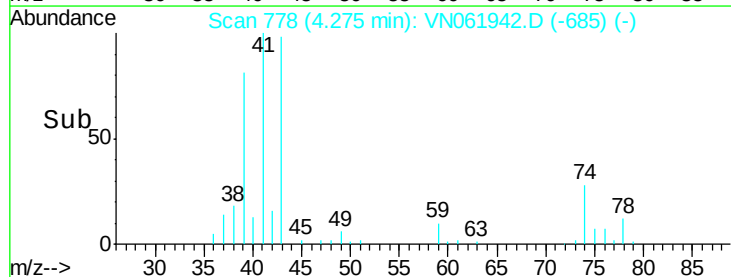
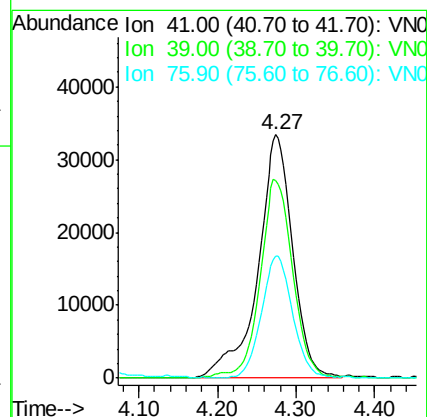
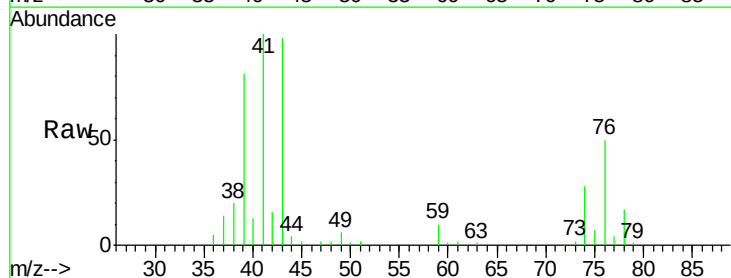
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

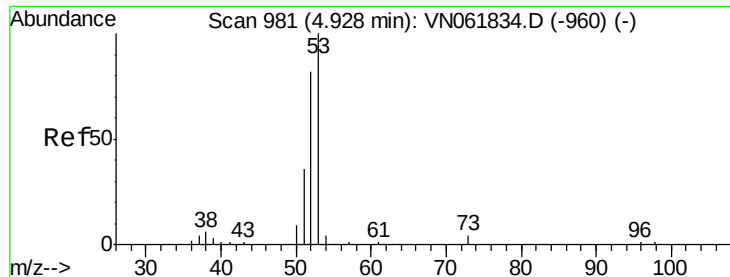
Tgt Ion: 56 Resp: 42127
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4



#14
Allyl chloride
Concen: 51.063 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 41 Resp: 103929
Ion Ratio Lower Upper
41 100
39 76.7 60.2 90.2
76 45.0 36.3 54.5





#15

Acrylonitrile

Concen: 286.823 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

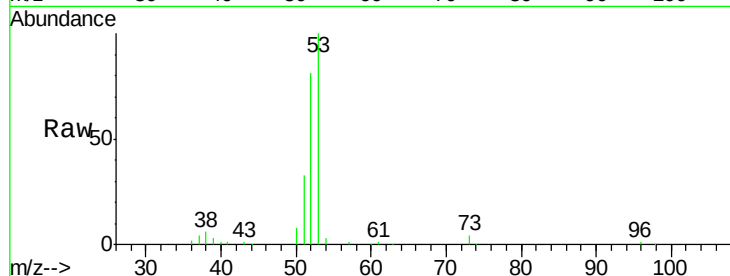
Tgt Ion: 53 Resp: 199074

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

51 35.9 29.3 43.9



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

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

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

4.93

60000

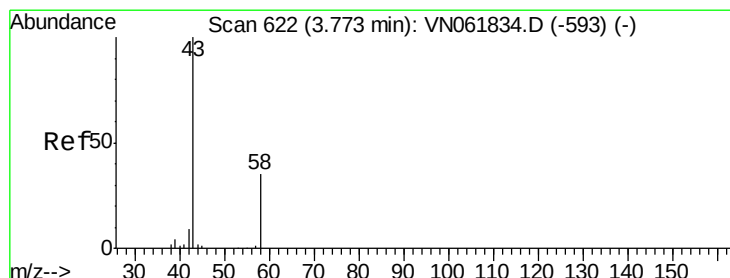
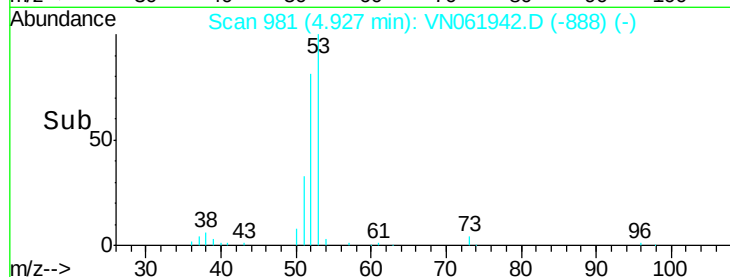
40000

20000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 260.752 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061942.D

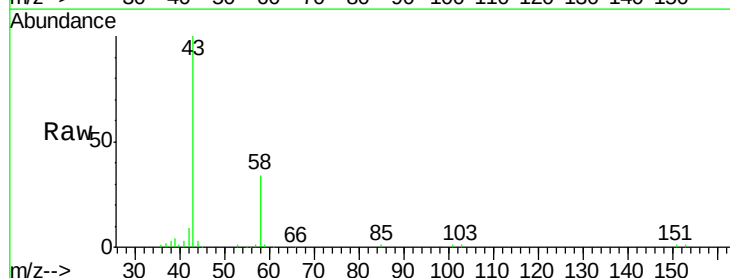
Acq: 19 Jun 2020 9:18

Tgt Ion: 43 Resp: 155907

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8



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

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

3.77

60000

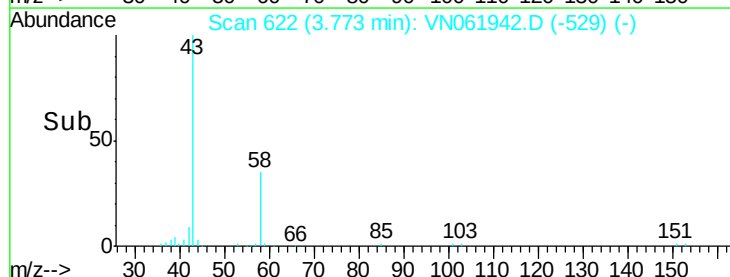
40000

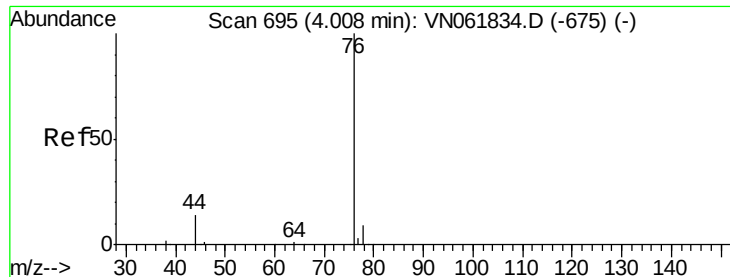
20000

0

Time-->

3.60 3.70 3.80 3.90





#17

Carbon Disulfide

Concen: 50.619 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

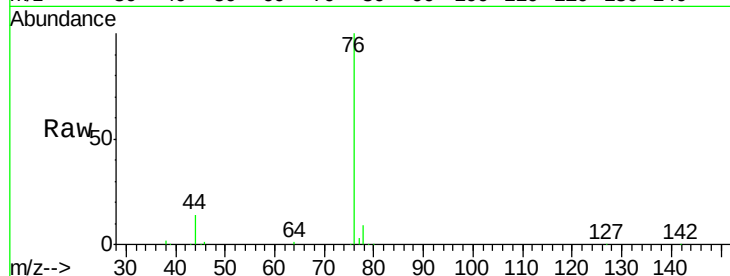
VSTDCCC050EC

Tgt Ion: 76 Resp: 227135

Ion Ratio Lower Upper

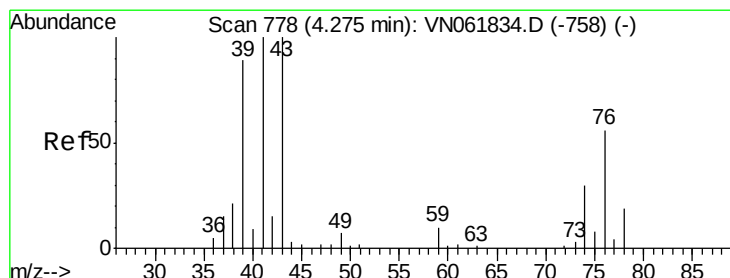
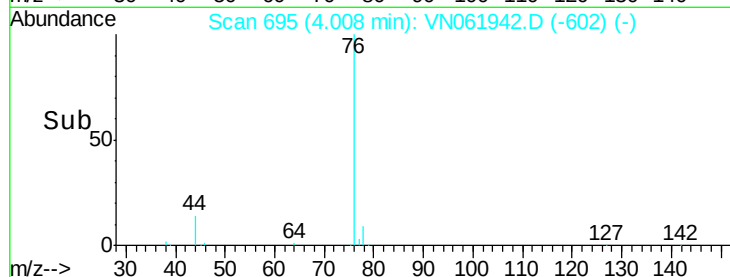
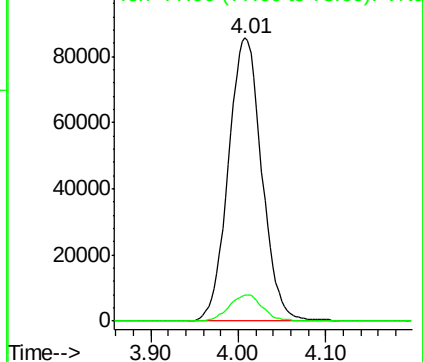
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN061942.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN061942.D (-602) (-)



#18

Methyl Acetate

Concen: 55.424 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061942.D

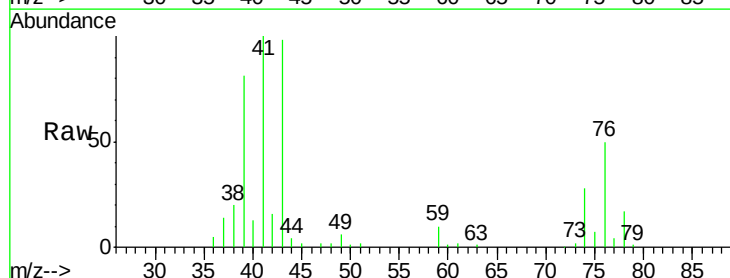
Acq: 19 Jun 2020 9:18

Tgt Ion: 43 Resp: 95408

Ion Ratio Lower Upper

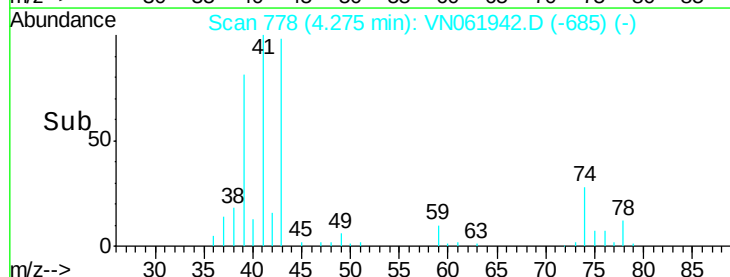
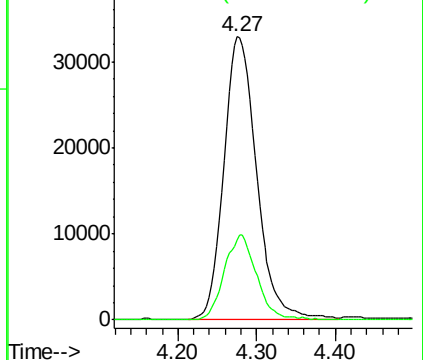
43 100

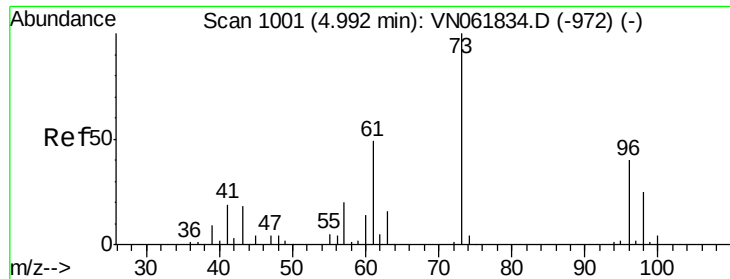
74 29.4 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN061942.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061942.D (-685) (-)

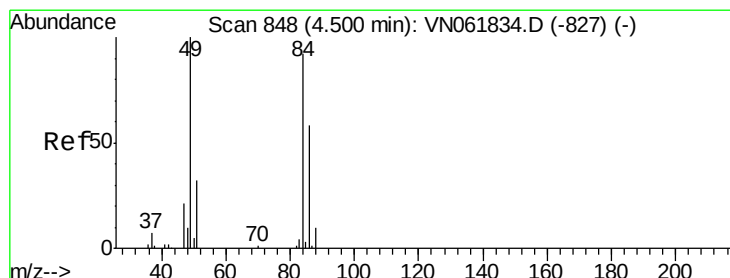
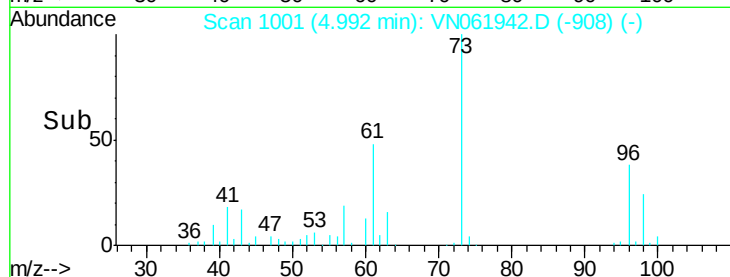
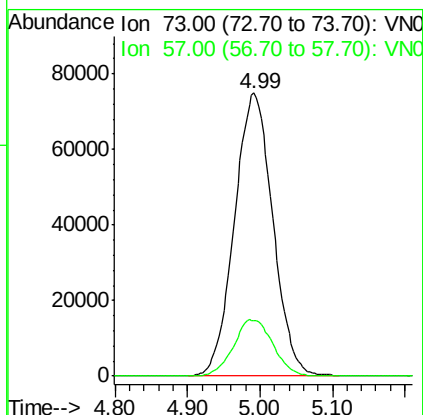
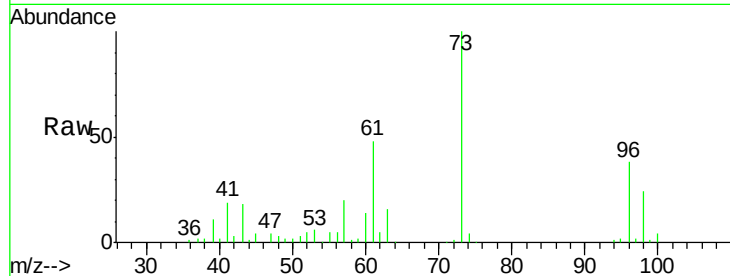




#19
Methyl tert-butyl Ether
Concen: 54.047 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

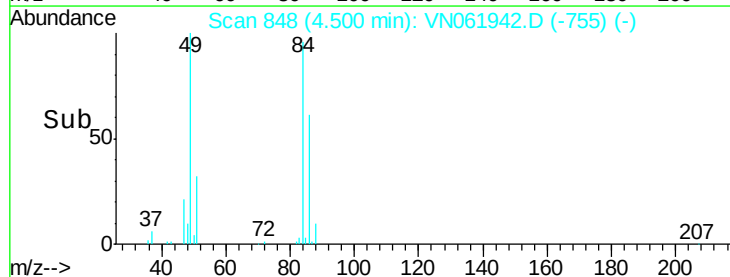
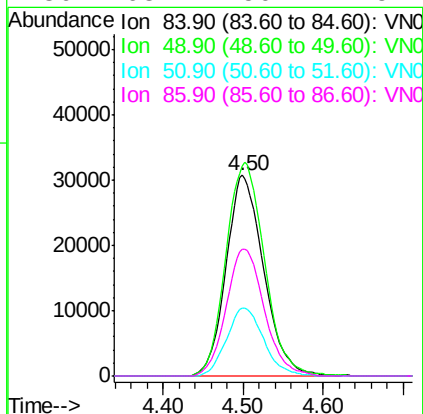
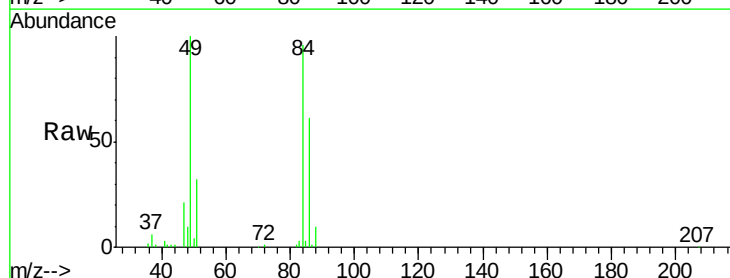
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

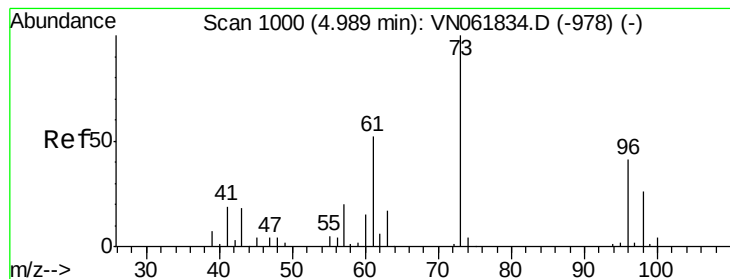
Tgt Ion: 73 Resp: 275965
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.4



#20
Methylene Chloride
Concen: 50.407 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 84 Resp: 98192
Ion Ratio Lower Upper
84 100
49 104.3 87.0 130.4
51 33.5 27.8 41.6
86 63.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 52.624 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

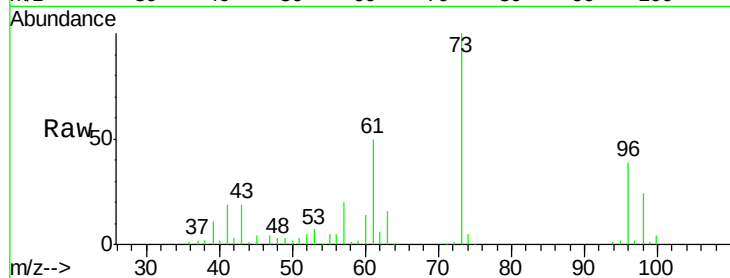
Tgt Ion: 96 Resp: 92693

Ion Ratio Lower Upper

96 100

61 128.7 102.2 153.4

98 62.4 51.2 76.8

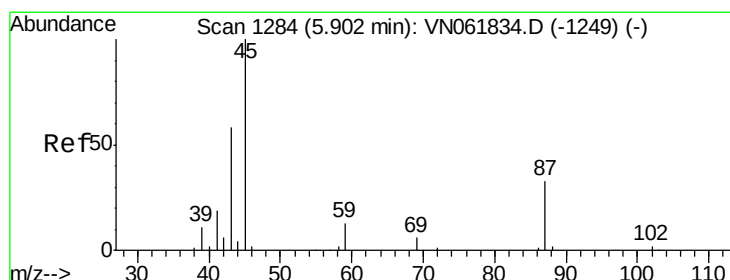
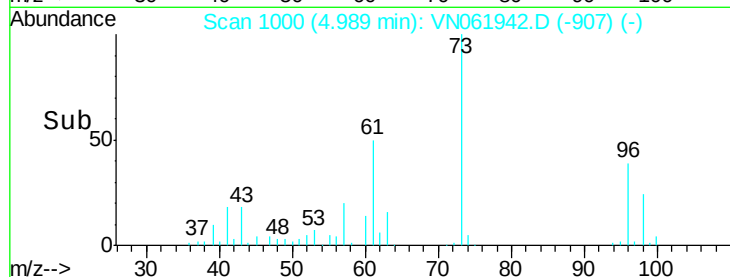
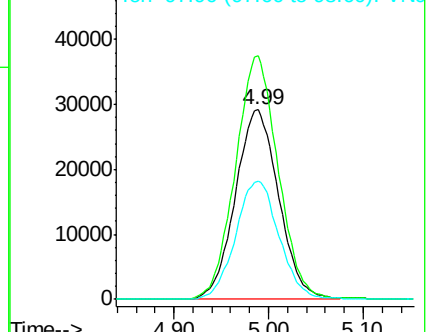


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 53.440 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Tgt Ion: 45 Resp: 248756

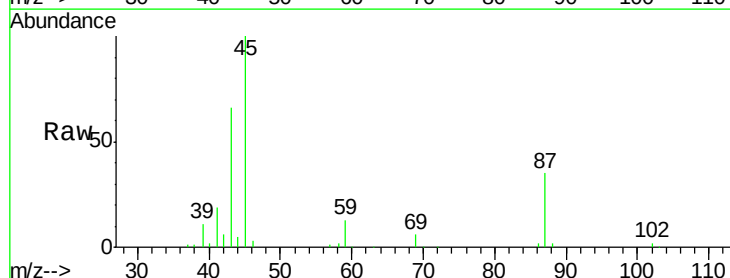
Ion Ratio Lower Upper

45 100

43 64.6 49.4 74.2

87 34.8 27.4 41.0

59 12.9 10.6 15.8



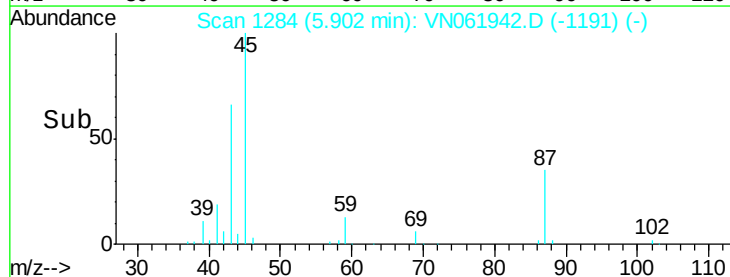
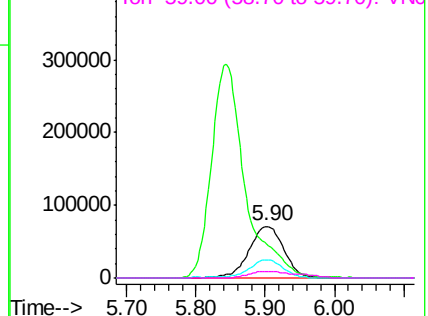
Abundance

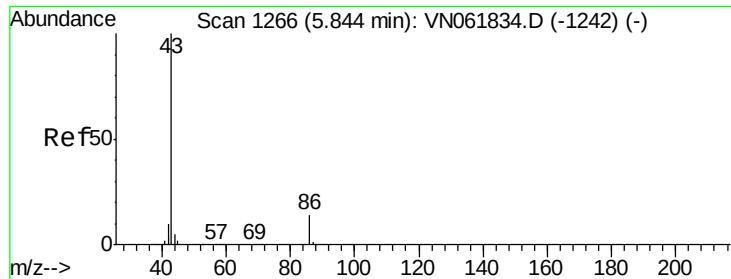
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 272.834 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

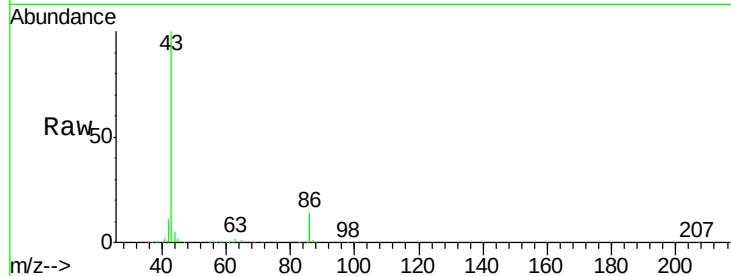
VSTDCCC050EC

Tgt Ion: 43 Resp: 998871

Ion Ratio Lower Upper

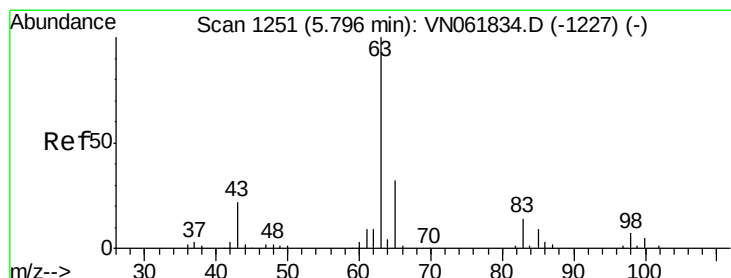
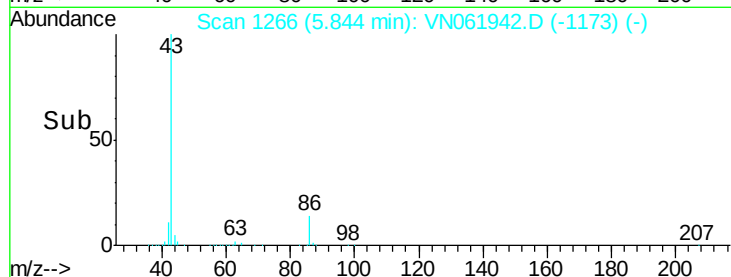
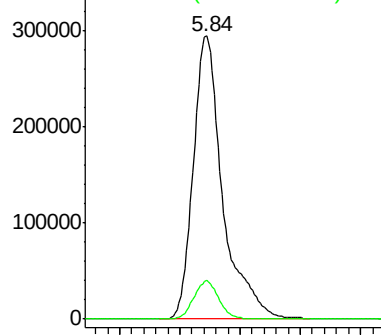
43 100

86 13.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 53.097 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

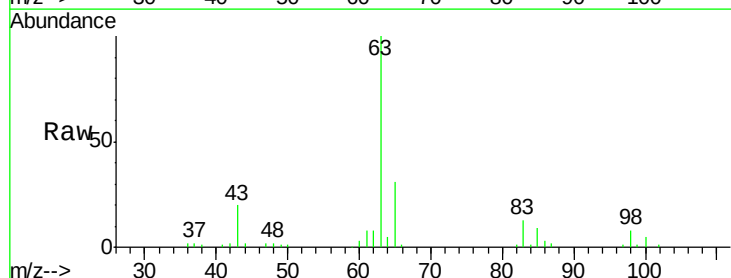
Tgt Ion: 63 Resp: 161795

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

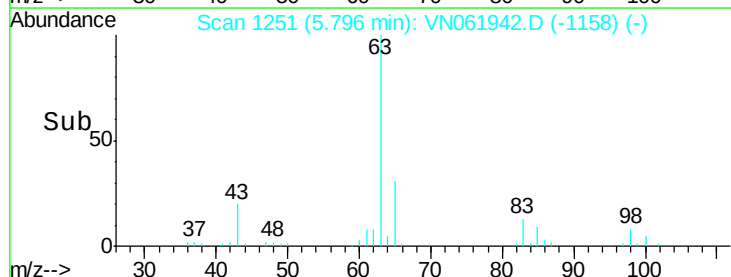
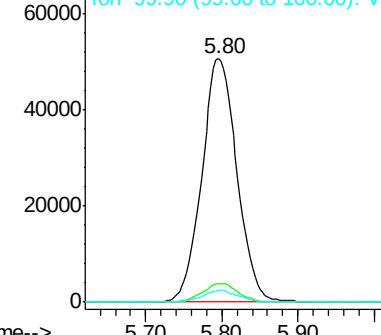
100 4.8 2.5 7.4

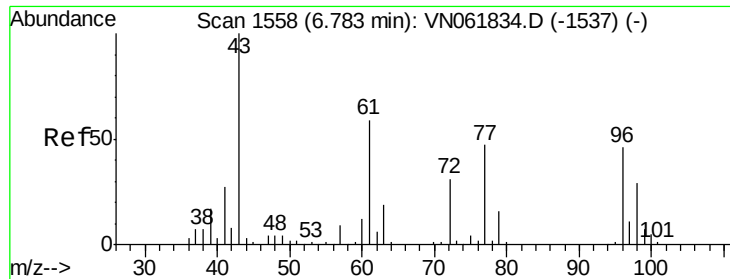


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

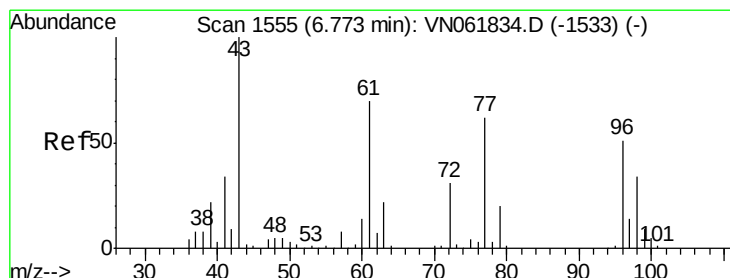
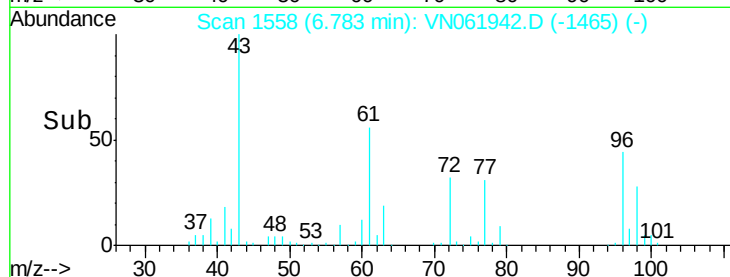
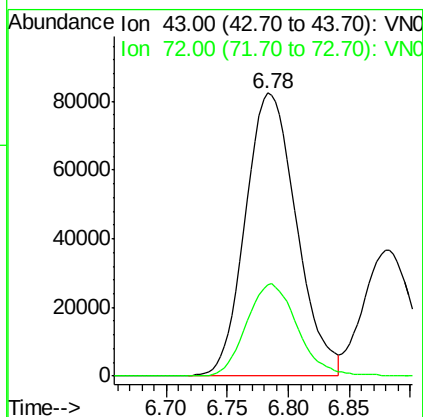
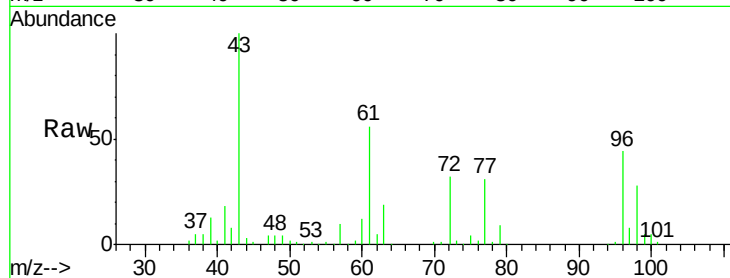




#25
2-Butanone
Concen: 274.672 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

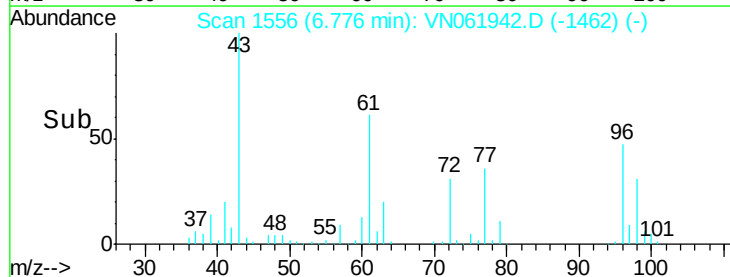
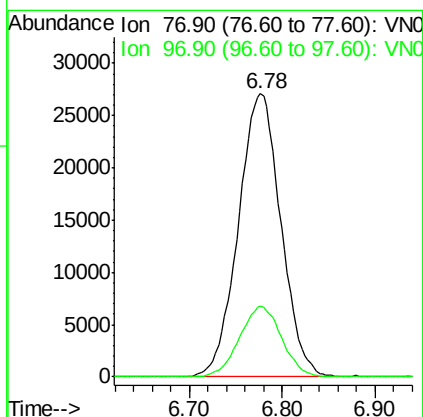
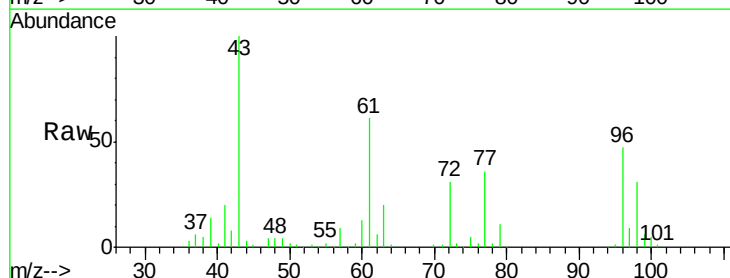
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

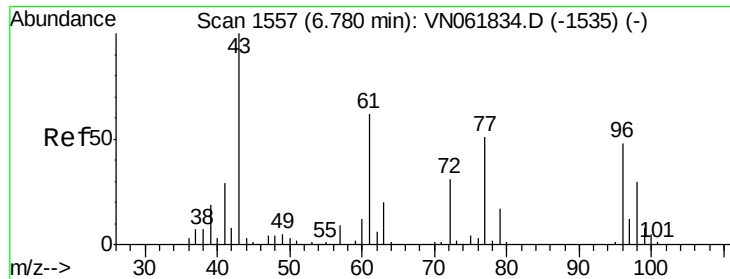
Tgt Ion: 43 Resp: 239612
Ion Ratio Lower Upper
43 100
72 32.4 24.6 37.0



#26
2,2-Dichloropropane
Concen: 33.557 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 77 Resp: 86028
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.0

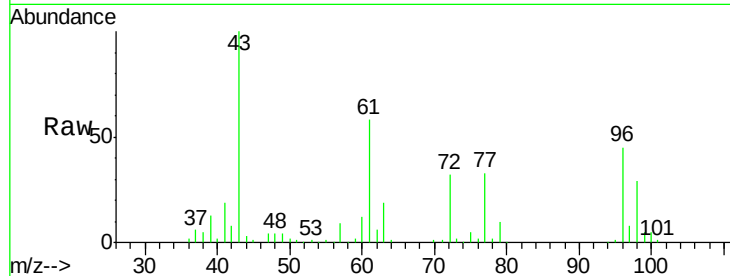




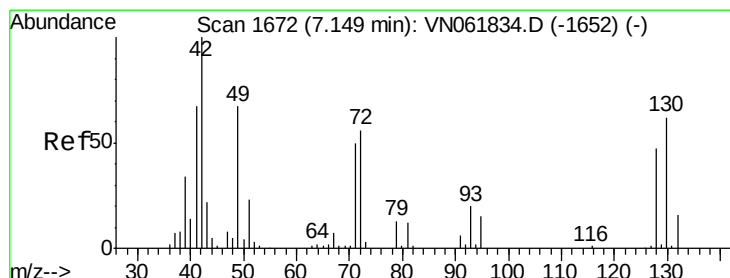
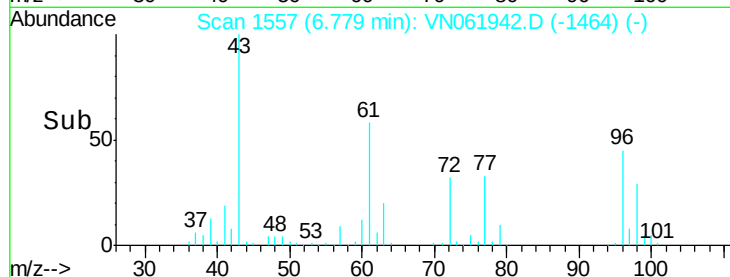
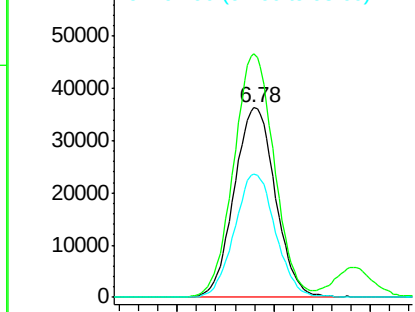
#27
 cis-1,2-Dichloroethene
 Concen: 52.992 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 107702
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 265.6
 98 64.7 0.0 128.2

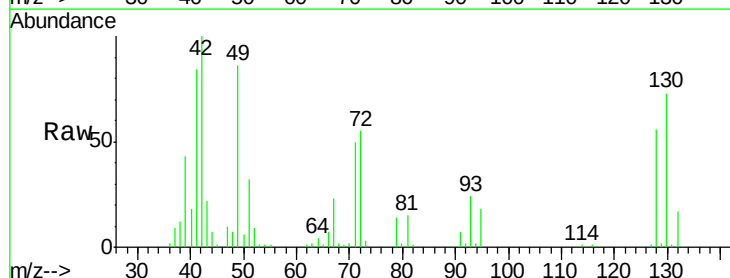


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

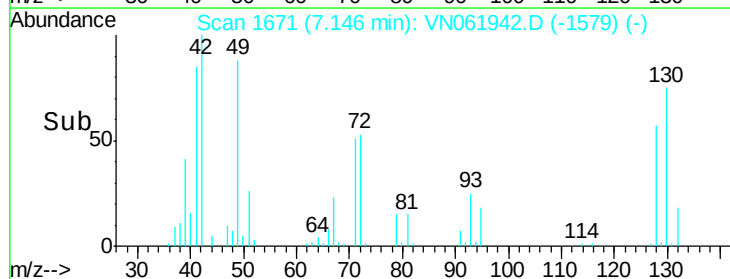
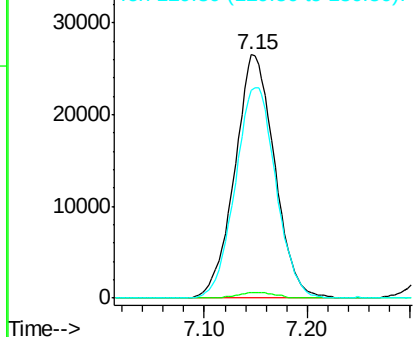


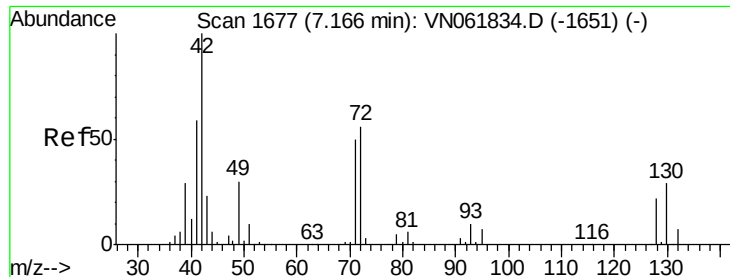
#28
 Bromochloromethane
 Concen: 52.529 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 49 Resp: 71269
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 88.3 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

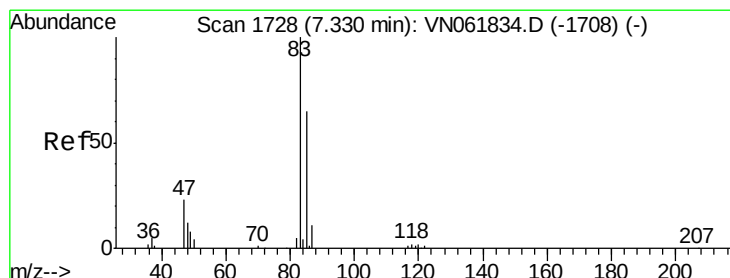
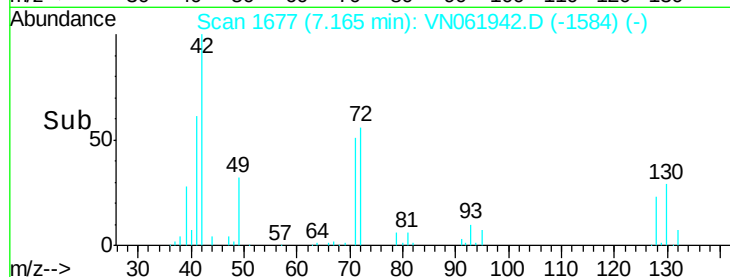
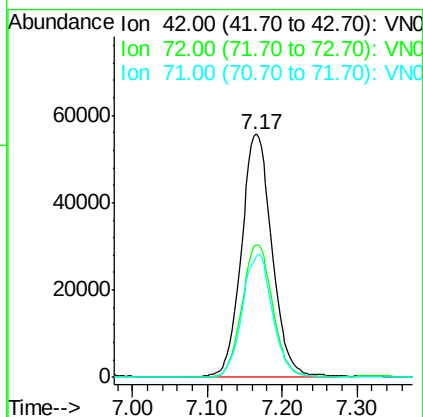
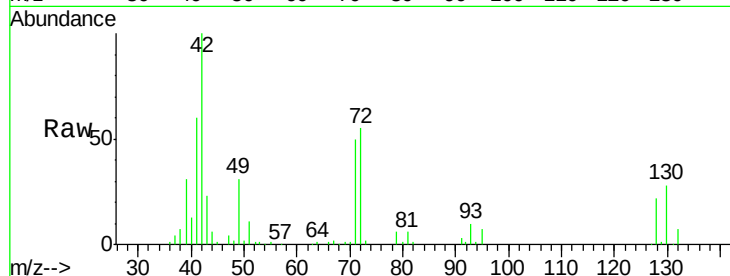




#29
Tetrahydrofuran
Concen: 277.132 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

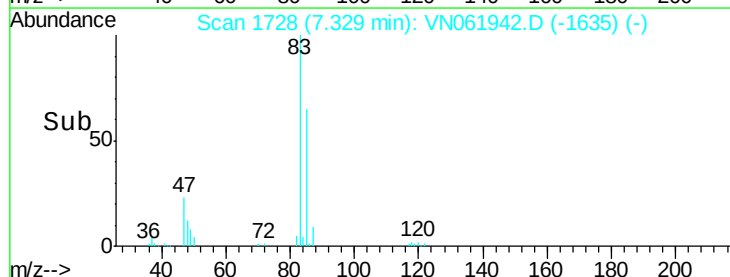
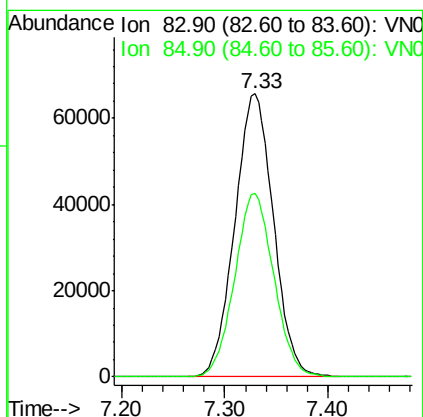
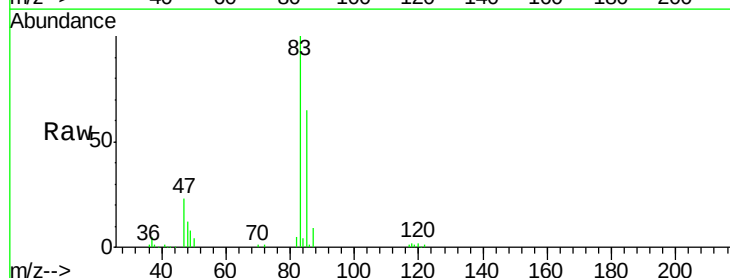
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

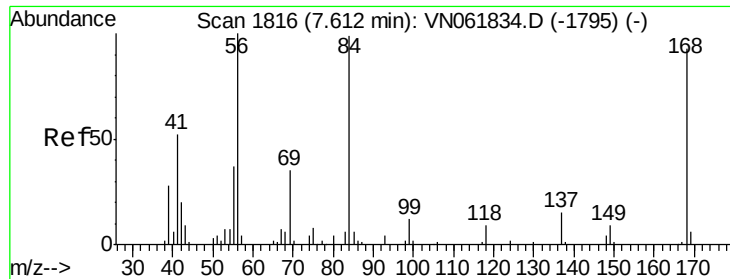
Tgt Ion: 42 Resp: 159103
Ion Ratio Lower Upper
42 100
72 54.4 44.0 66.0
71 49.7 40.0 60.0



#30
Chloroform
Concen: 52.641 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 83 Resp: 171431
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0

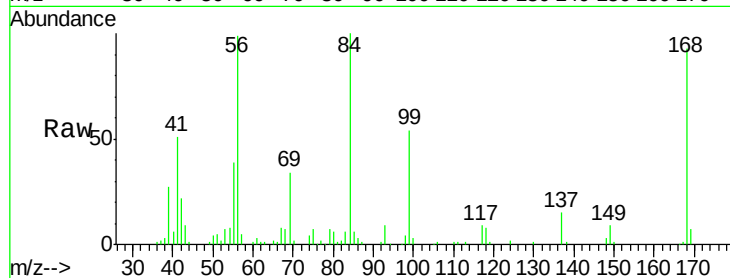




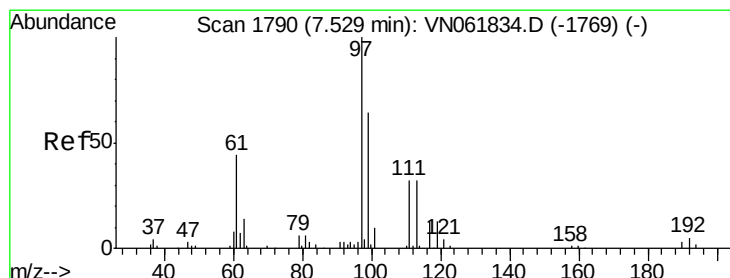
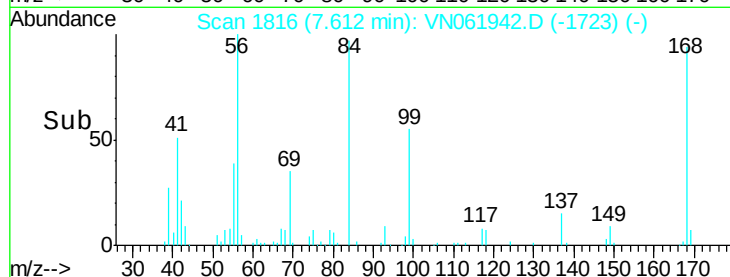
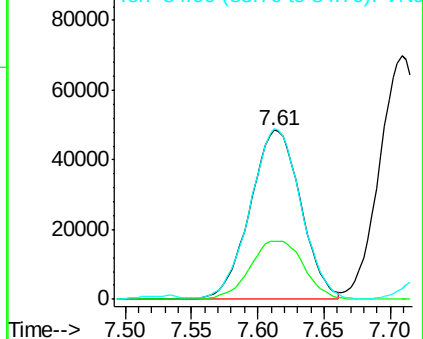
#31
Cyclohexane
Concen: 48.463 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 129276
Ion Ratio Lower Upper
56 100
69 34.6 27.7 41.5
84 99.9 79.1 118.7

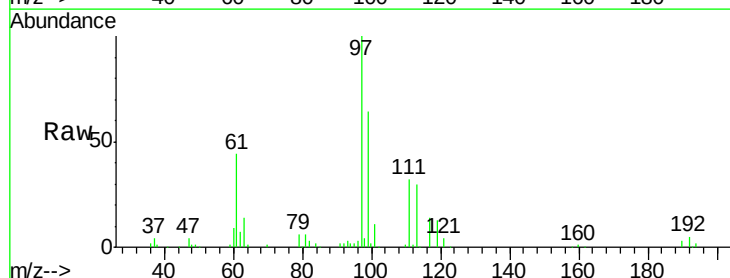


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

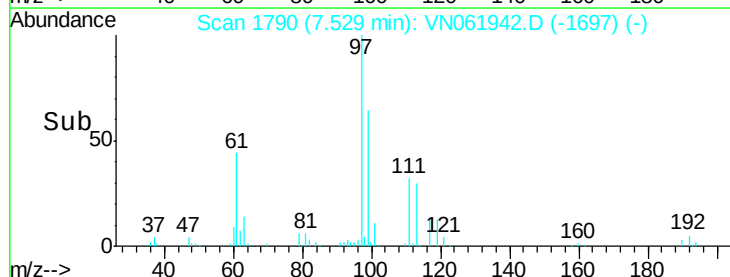
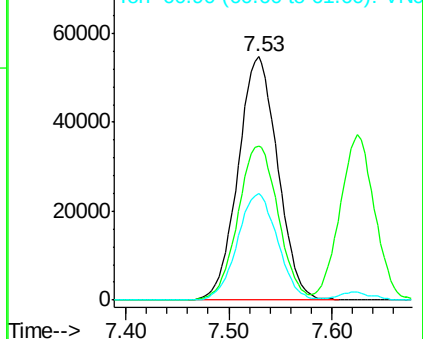


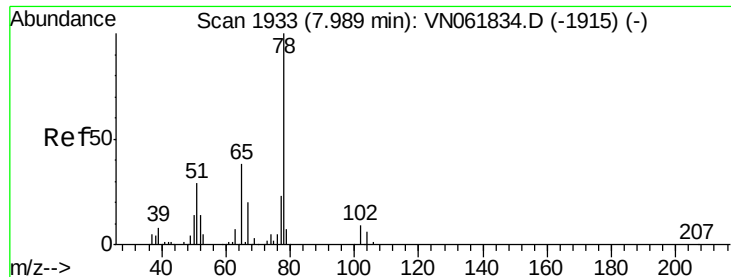
#32
1,1,1-Trichloroethane
Concen: 52.695 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 97 Resp: 146148
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 44.3 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

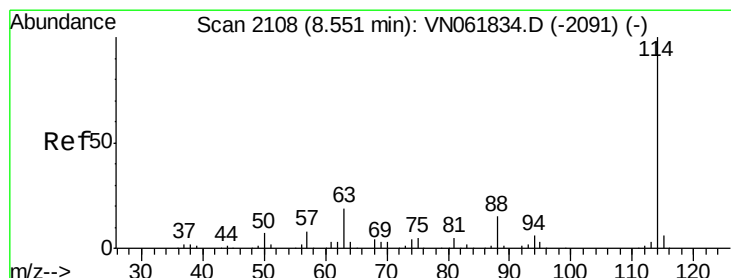
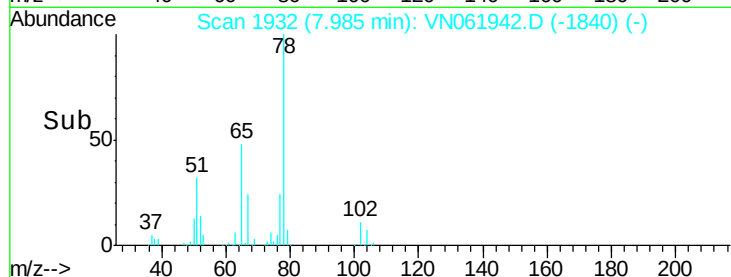
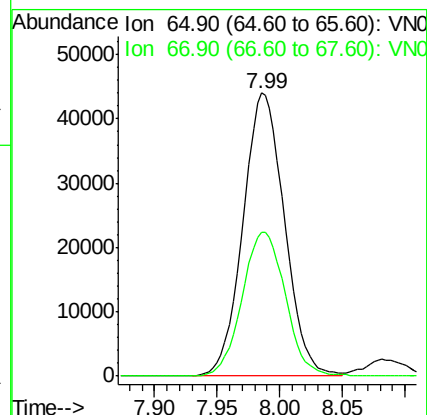
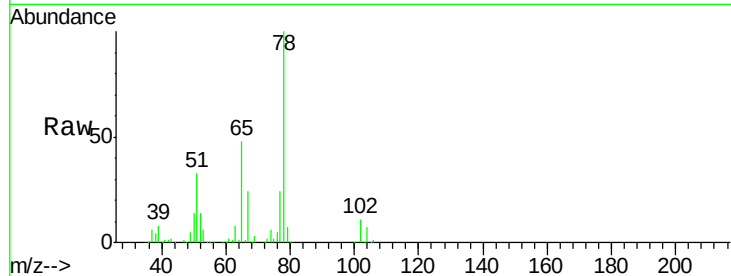




#33
 1,2-Dichloroethane-d4
 Concen: 50.052 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

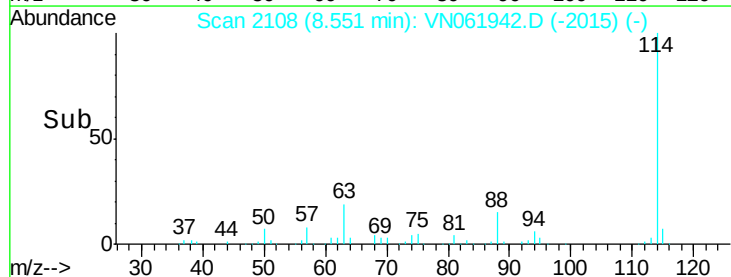
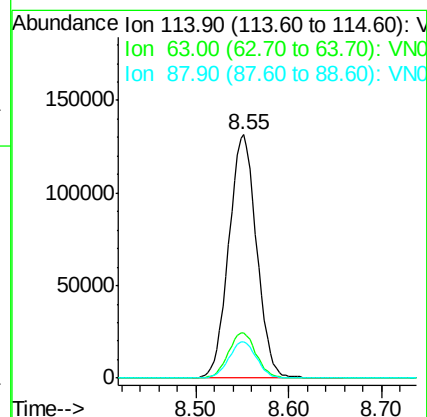
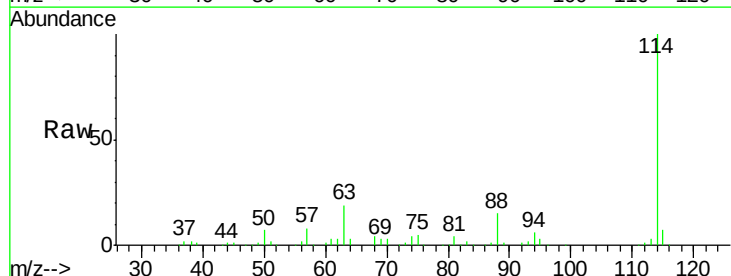
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

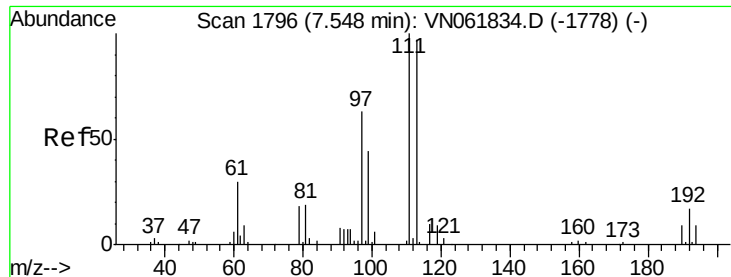
Tgt Ion: 65 Resp: 101316
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 114 Resp: 273036
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 14.9 0.0 31.0

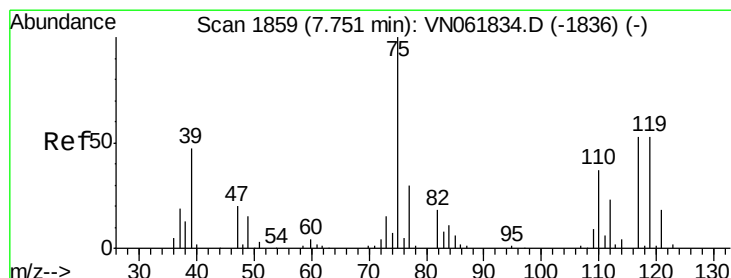
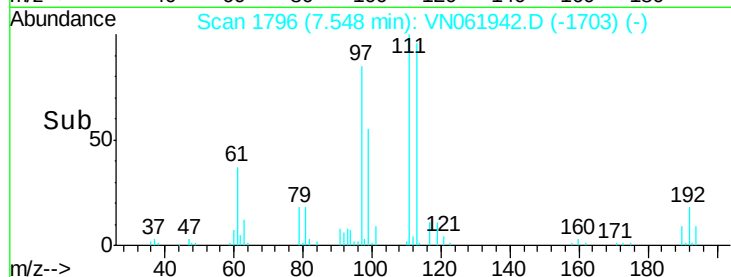
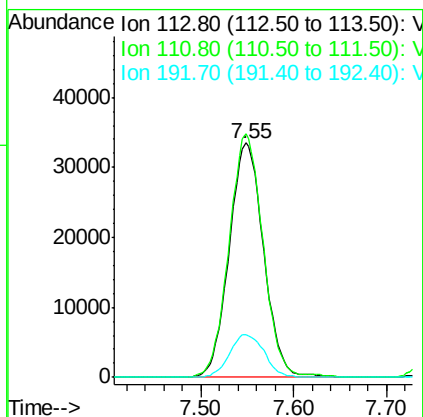
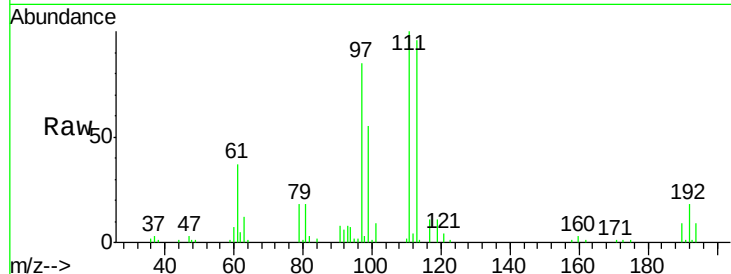




#35
 Dibromofluoromethane
 Concen: 49.264 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

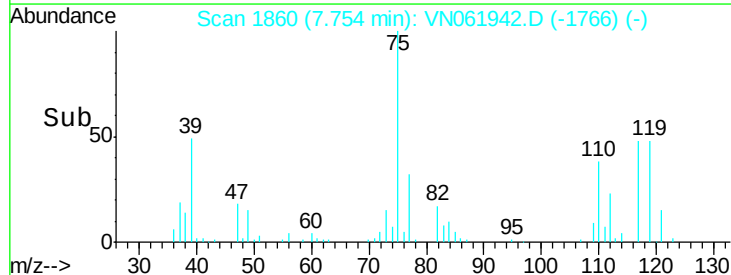
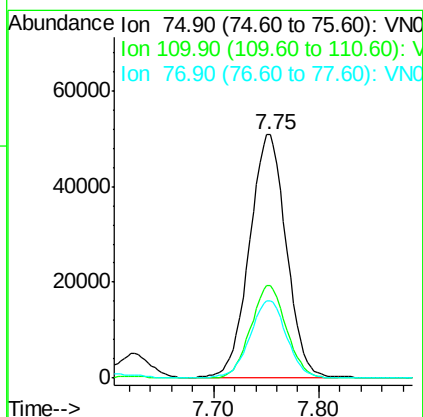
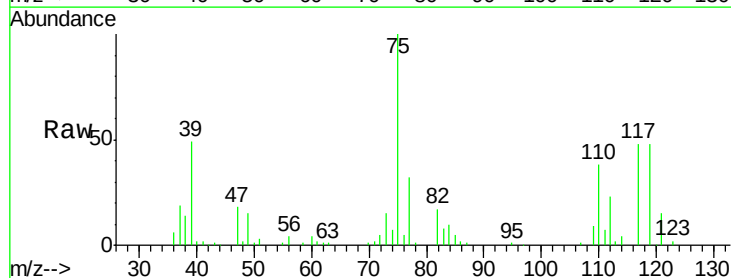
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

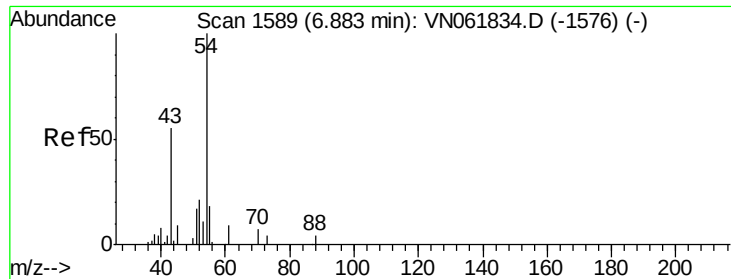
Tgt Ion: 113 Resp: 86051
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.7 125.5
 192 18.3 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 49.760 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 75 Resp: 123923
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.2 54.6
 77 31.8 24.2 36.4

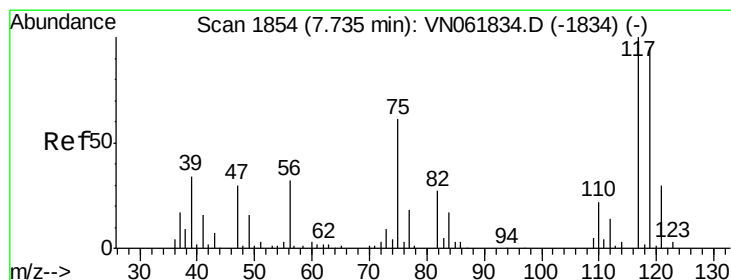
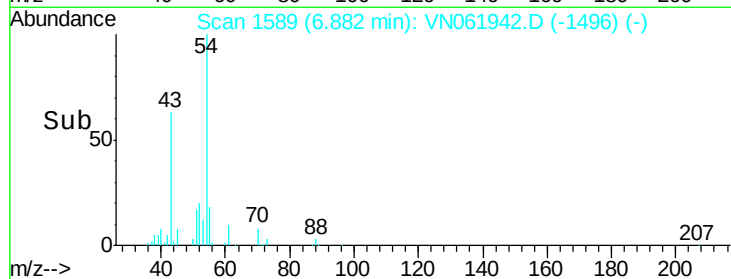
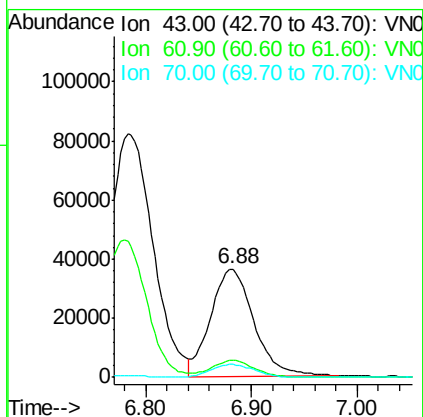
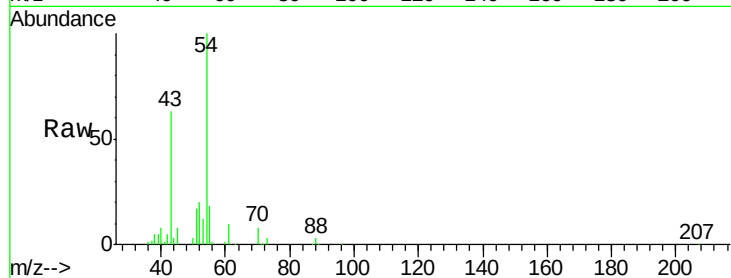




#37
Ethyl Acetate
 Concen: 53.124 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

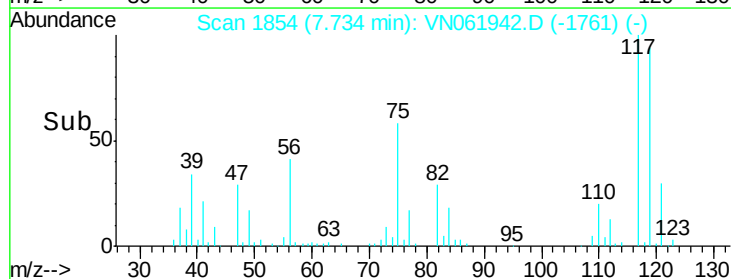
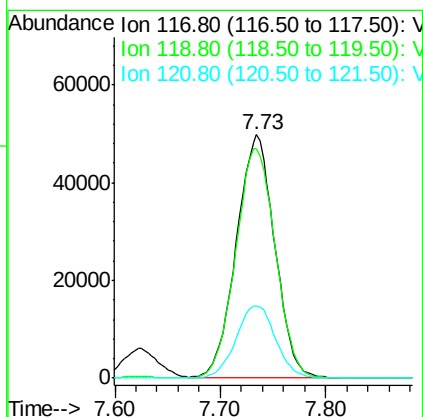
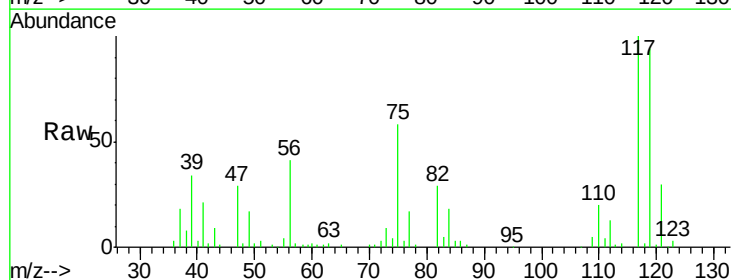
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

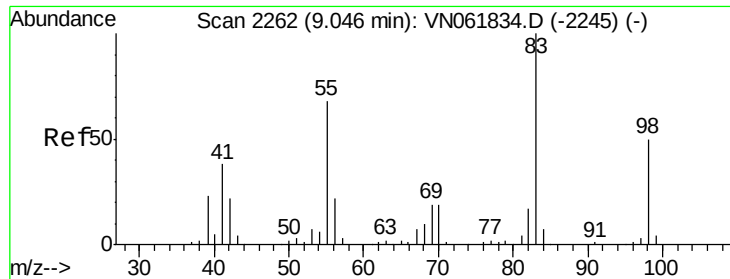
Tgt Ion: 43 Resp: 103312
 Ion Ratio Lower Upper
 43 100
 61 16.0 13.0 19.4
 70 12.3 9.4 14.2



#38
Carbon Tetrachloride
 Concen: 51.197 ug/l
 RT: 7.73 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 117 Resp: 126261
 Ion Ratio Lower Upper
 117 100
 119 94.5 75.8 113.6
 121 29.6 23.8 35.6

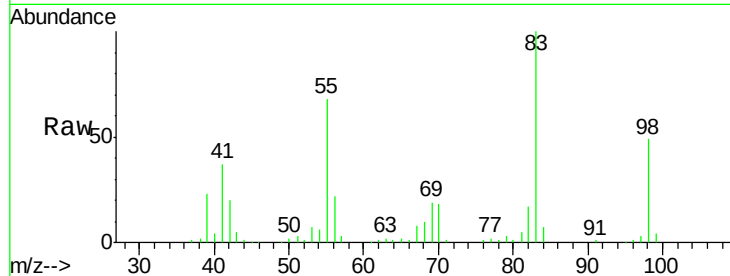




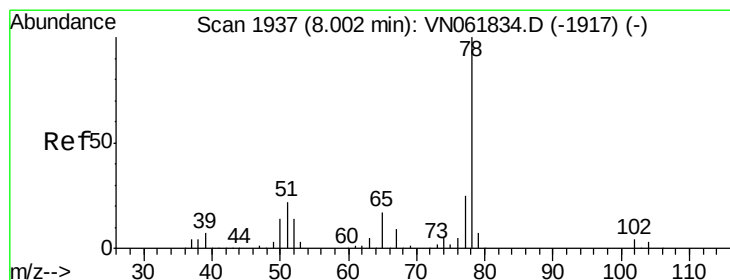
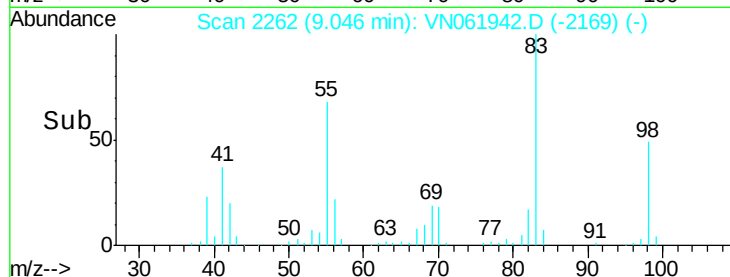
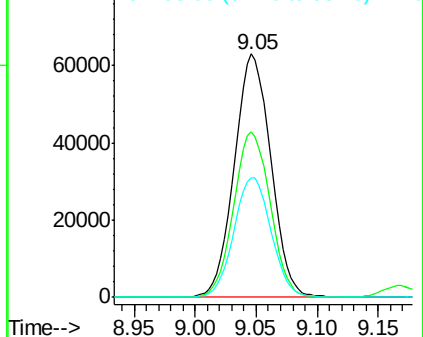
#39
Methylcyclohexane
Concen: 48.782 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 130815
Ion Ratio Lower Upper
83 100
55 68.0 54.2 81.4
98 49.2 39.8 59.6

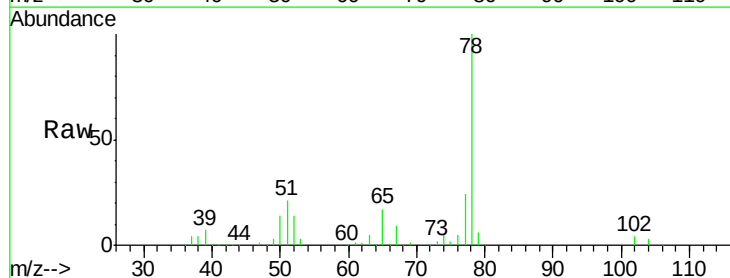


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

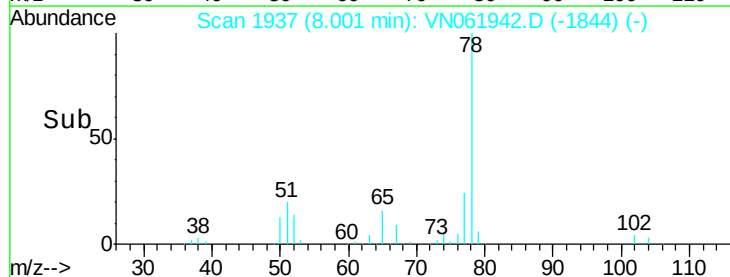
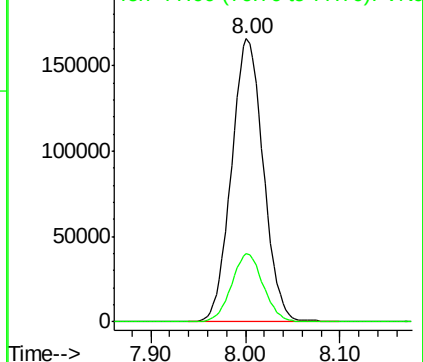


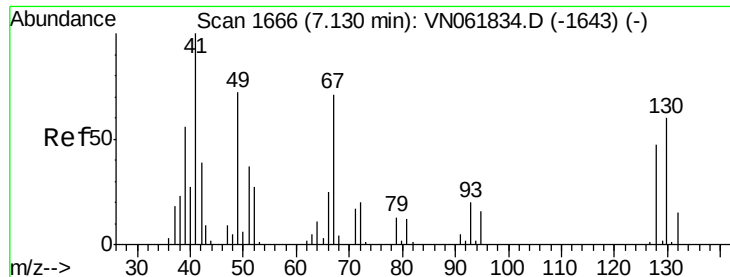
#40
Benzene
Concen: 51.488 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 78 Resp: 388426
Ion Ratio Lower Upper
78 100
77 24.1 19.7 29.5



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

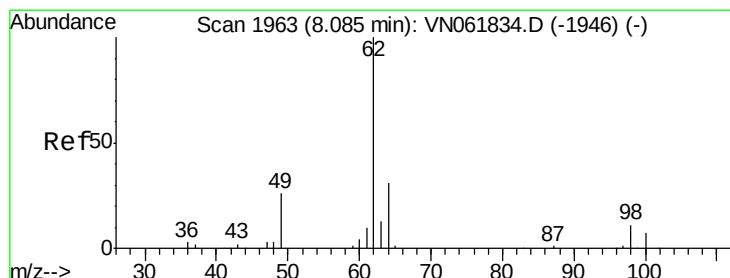
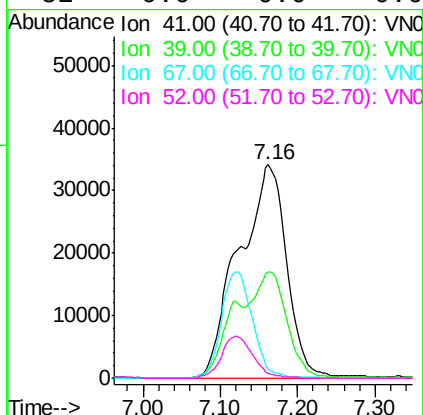
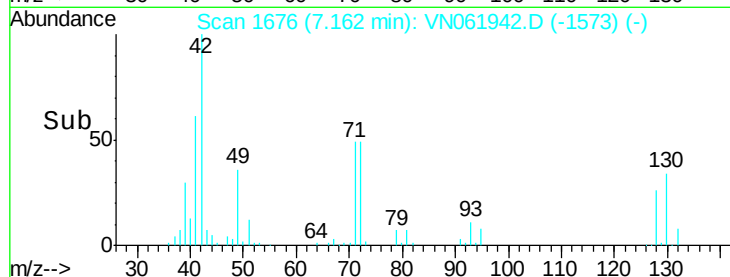
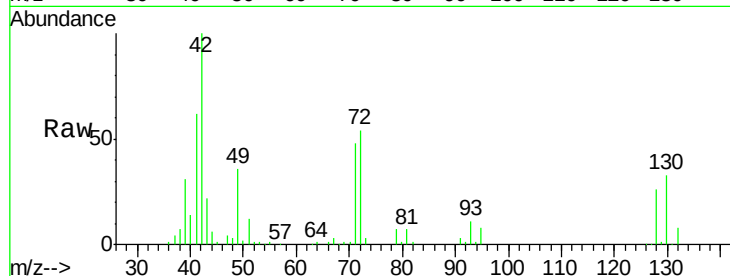




#41
Methacrylonitrile
Concen: 176.491 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.03 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

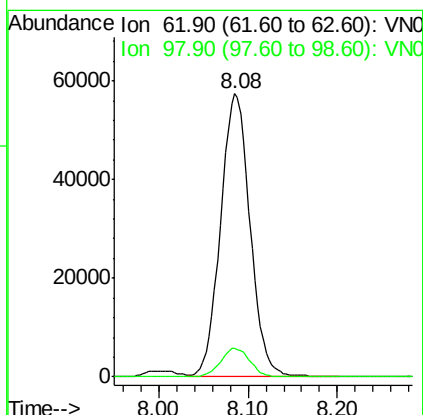
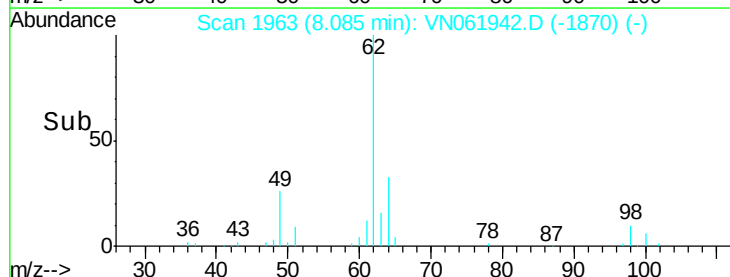
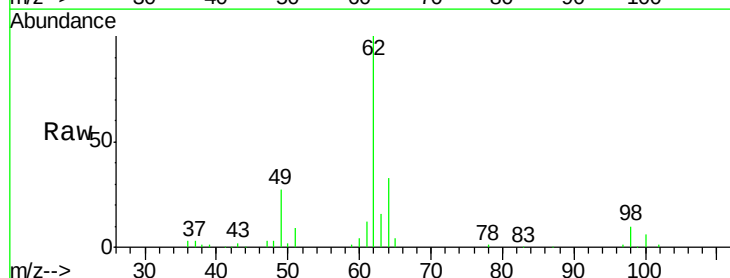
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

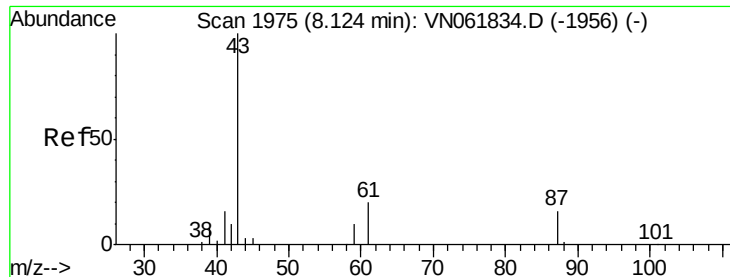
Tgt Ion:	41	Resp:	146770
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.152 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion:	62	Resp:	131577
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 52.484 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

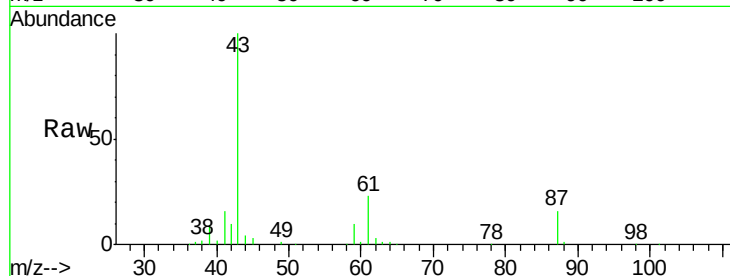
Tgt Ion: 43 Resp: 172010

Ion Ratio Lower Upper

43 100

61 22.7 24.0 36.0#

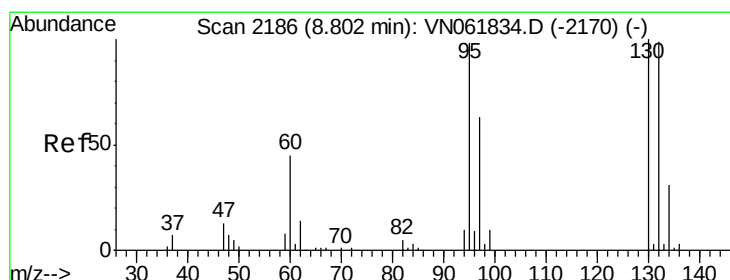
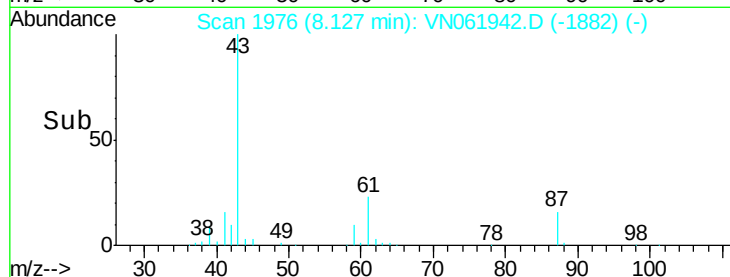
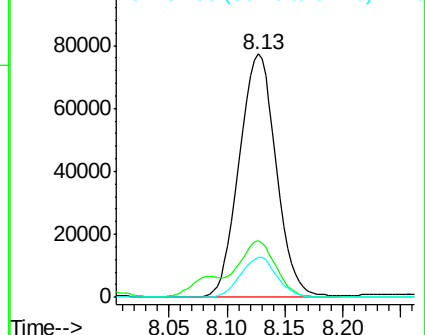
87 16.0 12.5 18.7



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

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

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



#44

Trichloroethene

Concen: 50.832 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061942.D

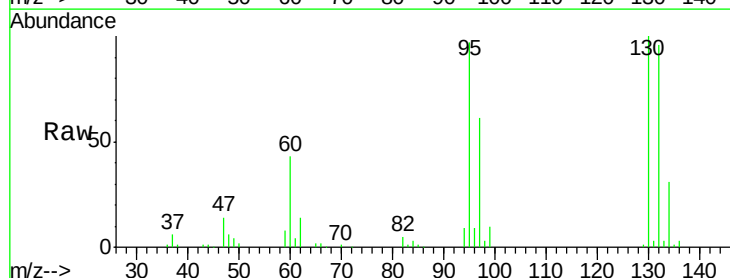
Acq: 19 Jun 2020 9:18

Tgt Ion: 130 Resp: 100921

Ion Ratio Lower Upper

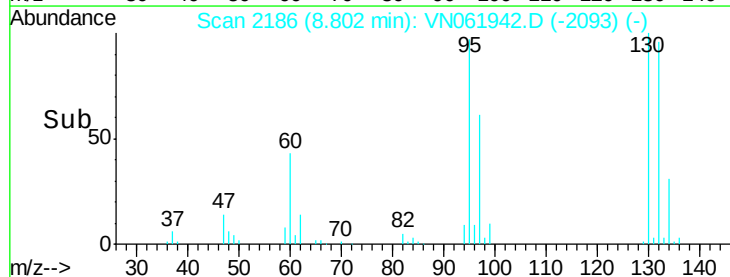
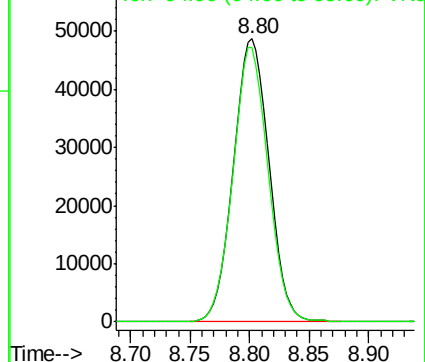
130 100

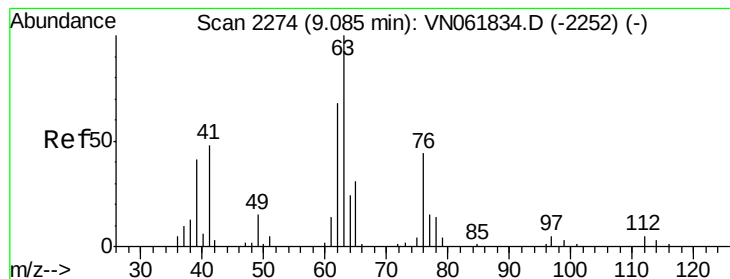
95 96.7 0.0 195.6



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: 52.171 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

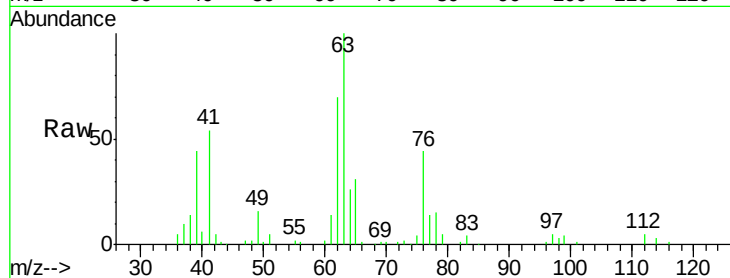
VSTDCCC050EC

Tgt Ion: 63 Resp: 96722

Ion Ratio Lower Upper

63 100

65 31.2 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

50000

40000

30000

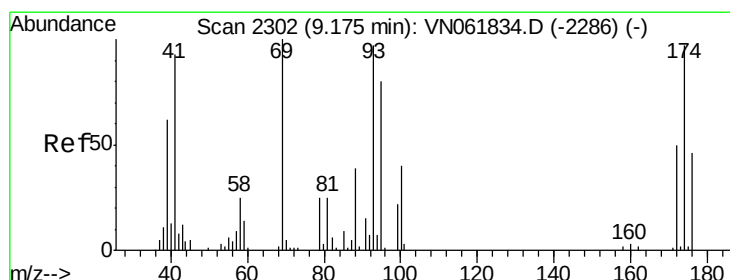
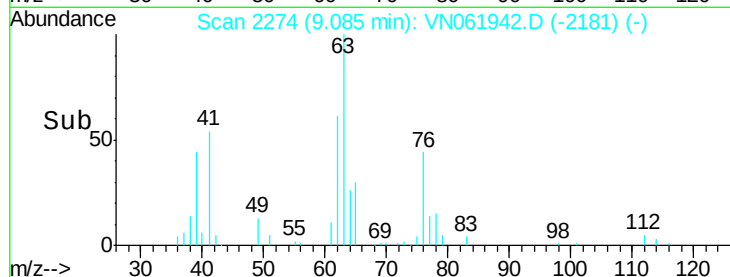
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 52.002 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

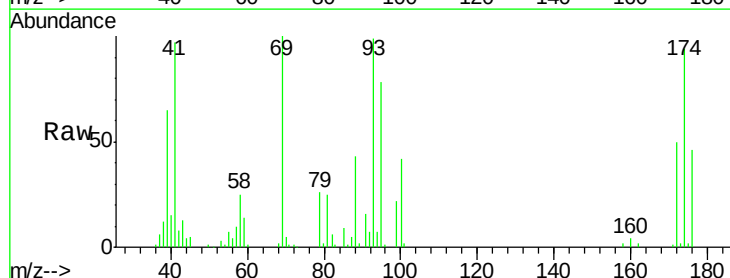
Tgt Ion: 93 Resp: 67890

Ion Ratio Lower Upper

93 100

95 81.6 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) (-)

9.17

40000

30000

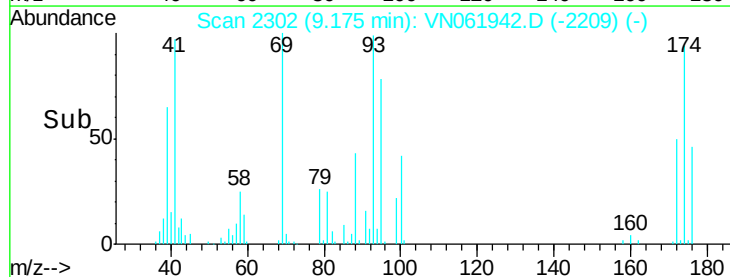
20000

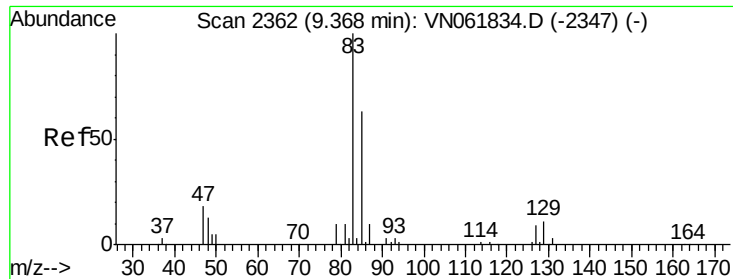
10000

0

Time-->

9.10 9.15 9.20 9.25

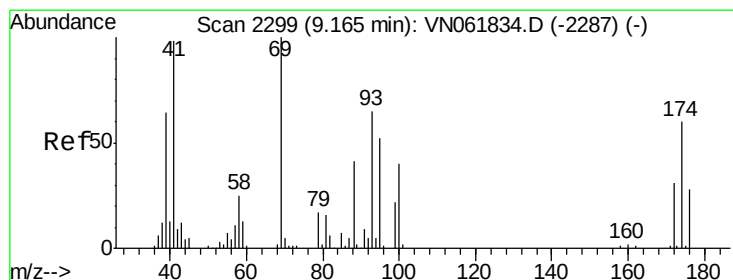
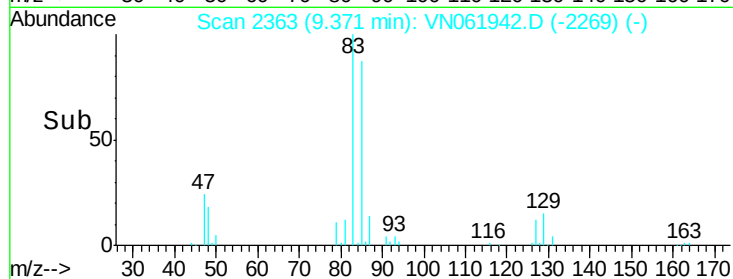
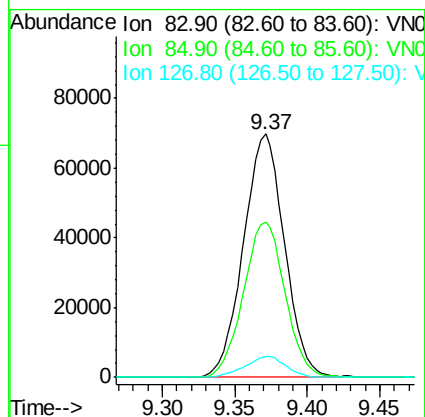
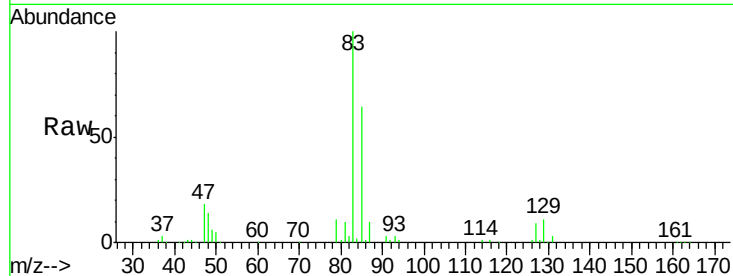




#47
Bromodichloromethane
Concen: 51.396 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

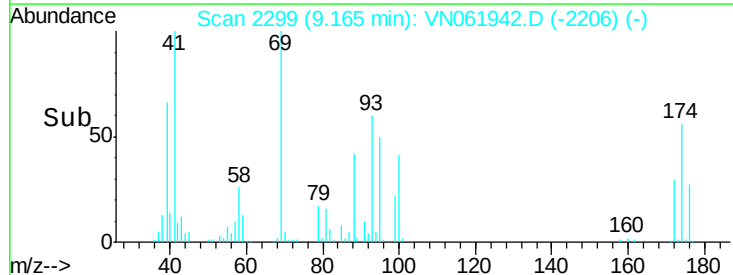
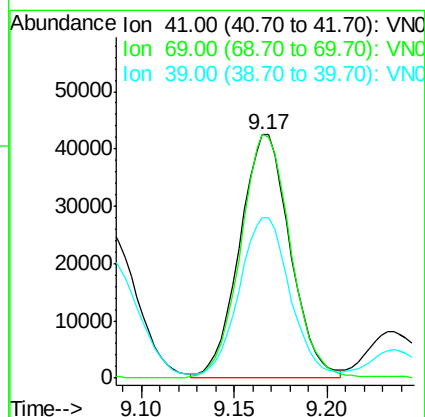
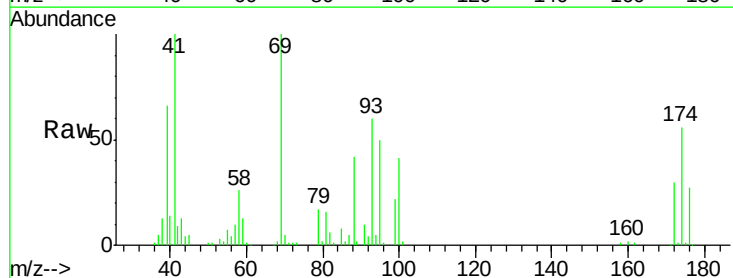
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

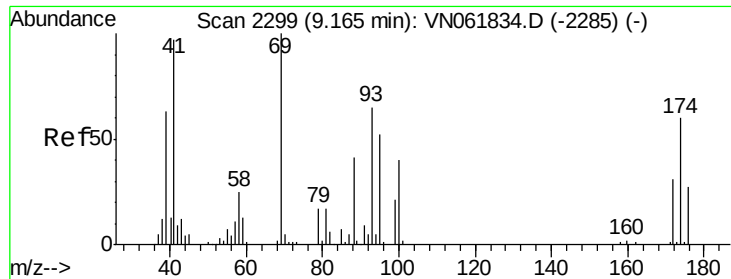
Tgt Ion: 83 Resp: 137396
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 8.5 7.0 10.4



#48
Methyl methacrylate
Concen: 53.712 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 41 Resp: 80054
Ion Ratio Lower Upper
41 100
69 100.2 83.0 124.4
39 66.6 55.1 82.7

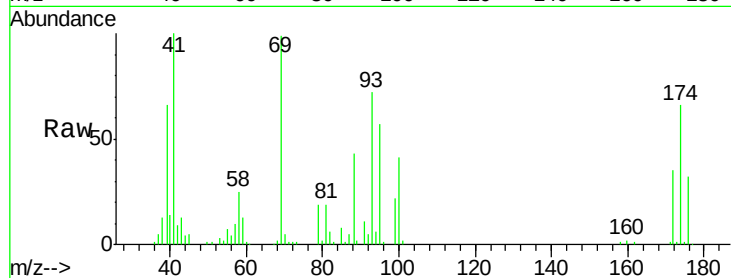




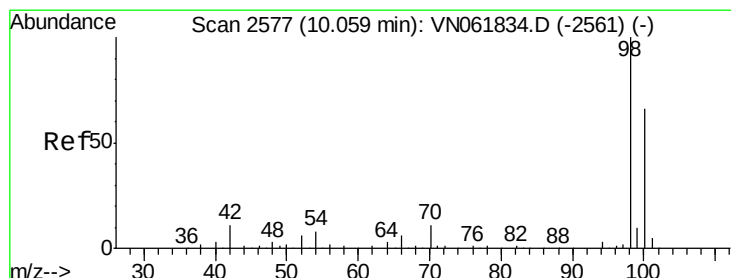
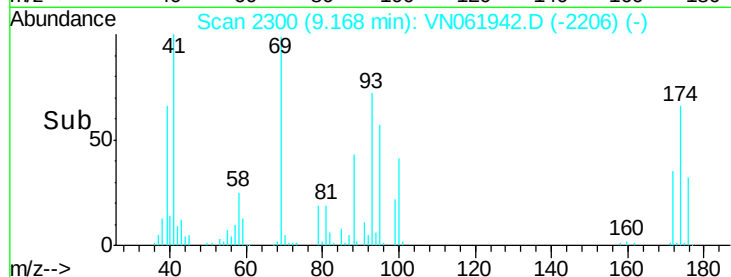
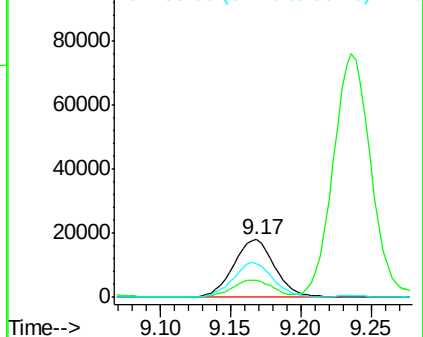
#49
1,4-Dioxane
Concen: 1084.590 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 37113
Ion Ratio Lower Upper
88 100
43 29.8 23.4 35.2
58 58.6 49.8 74.6

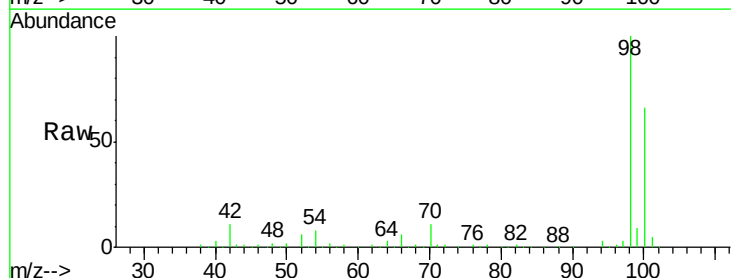


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

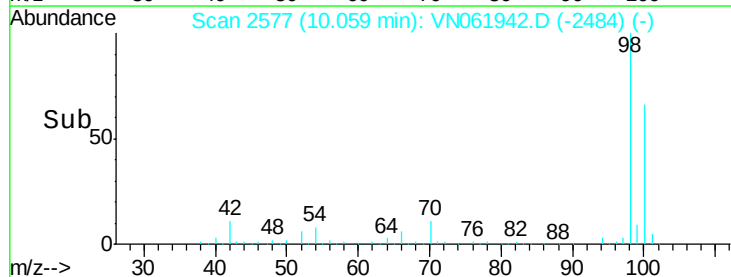
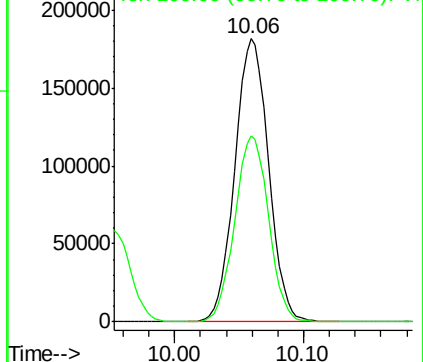


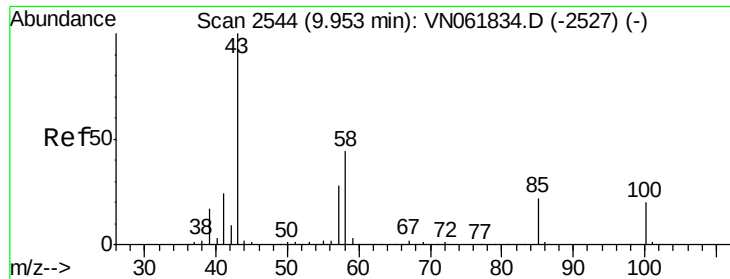
#50
Toluene-d8
Concen: 48.115 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 98 Resp: 330411
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 267.976 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

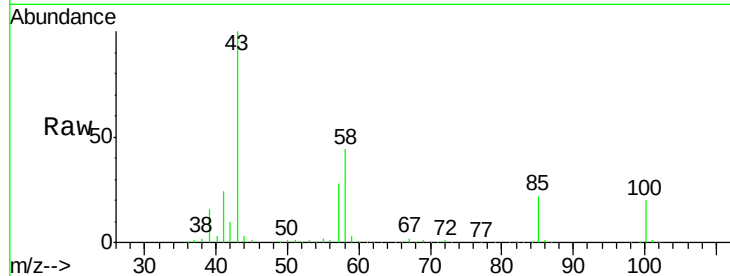
VSTDCCC050EC

Tgt Ion: 43 Resp: 518992

Ion Ratio Lower Upper

43 100

58 43.8 34.6 52.0



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

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

9.95

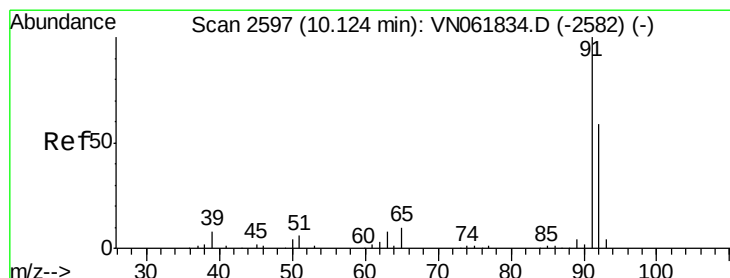
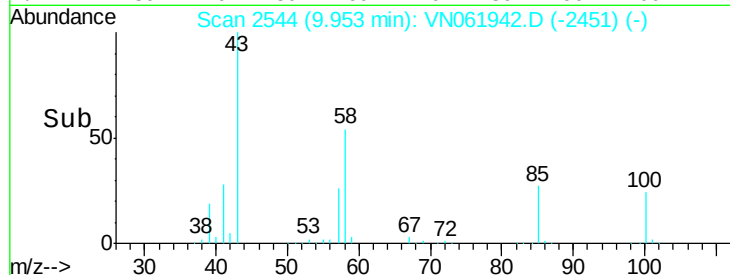
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.903 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061942.D

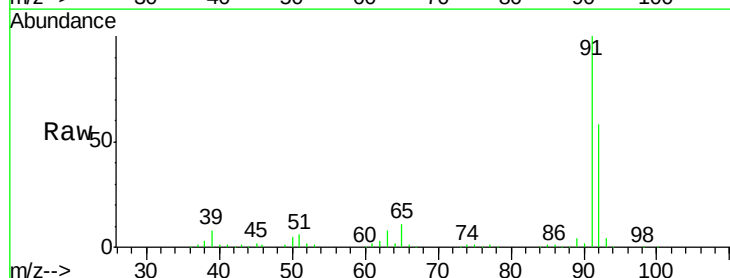
Acq: 19 Jun 2020 9:18

Tgt Ion: 92 Resp: 250644

Ion Ratio Lower Upper

92 100

91 171.5 137.1 205.7



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

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

10.12

250000

200000

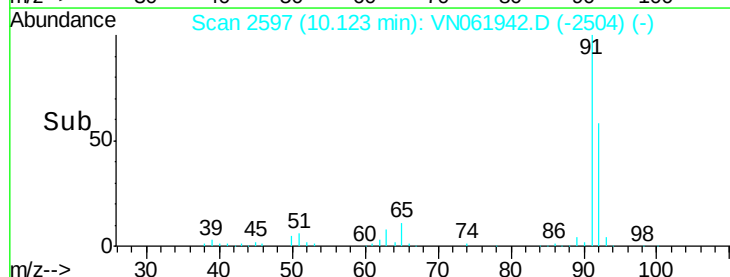
150000

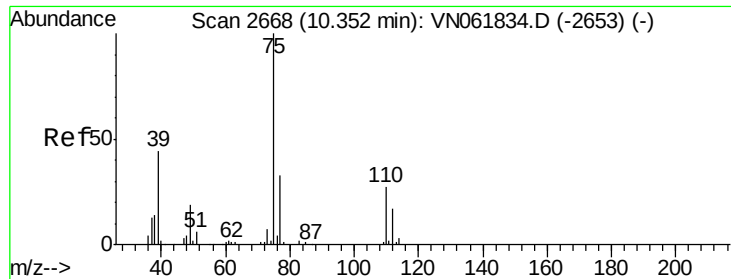
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.865 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

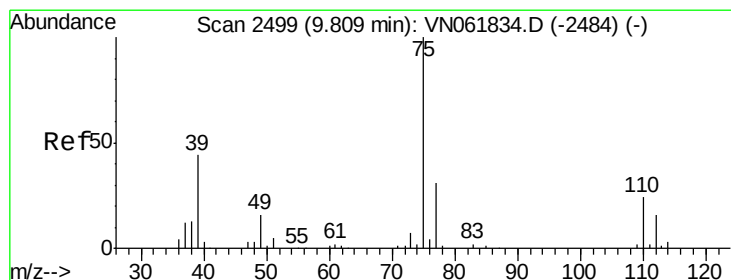
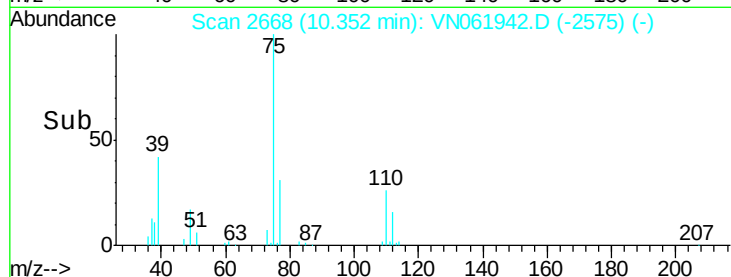
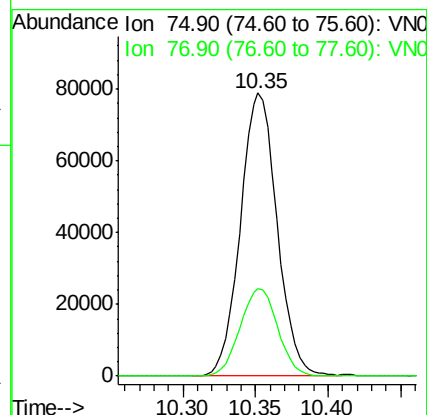
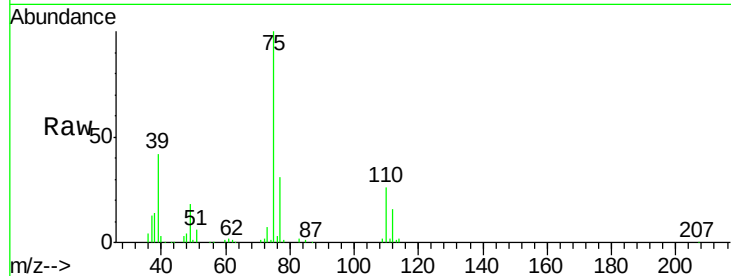
VSTDCCC050EC

Tgt Ion: 75 Resp: 138672

Ion Ratio Lower Upper

75 100

77 31.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 49.047 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

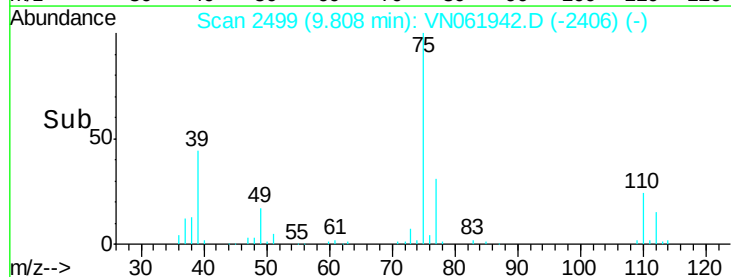
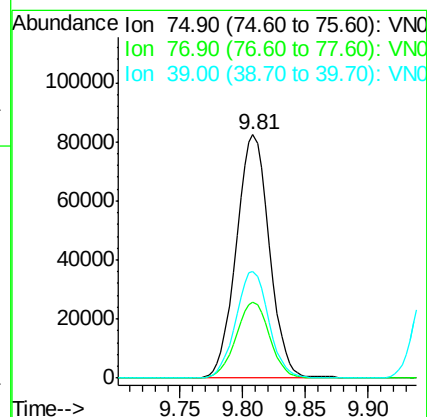
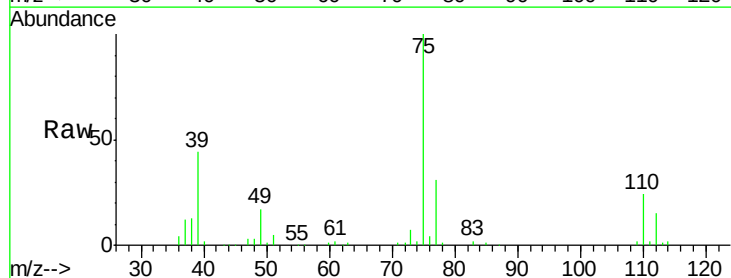
Tgt Ion: 75 Resp: 151181

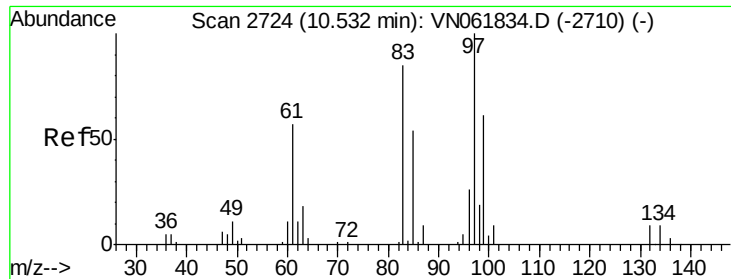
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 43.9 35.4 53.0

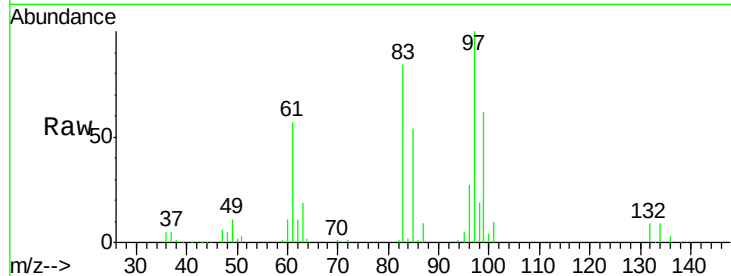




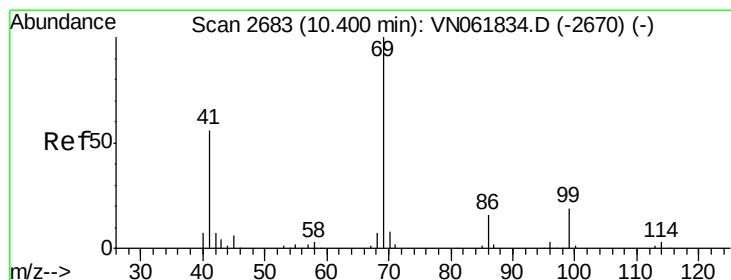
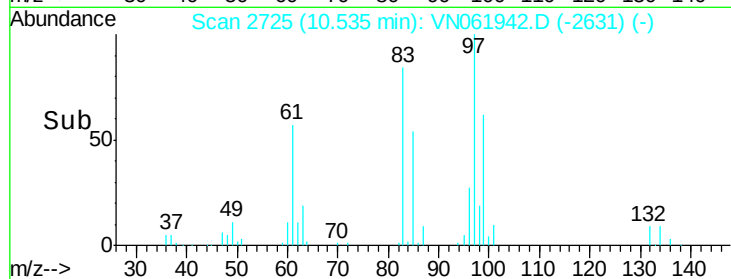
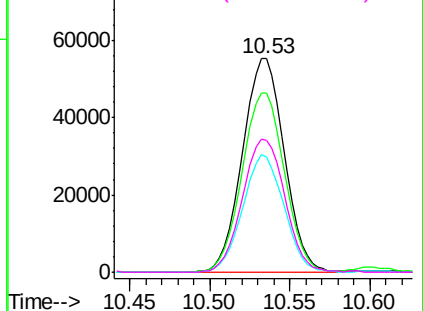
#55
 1,1,2-Trichloroethane
 Concen: 53.073 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 98933
 Ion Ratio Lower Upper
 97 100
 83 83.9 67.7 101.5
 85 54.0 43.4 65.0
 99 61.9 48.8 73.2

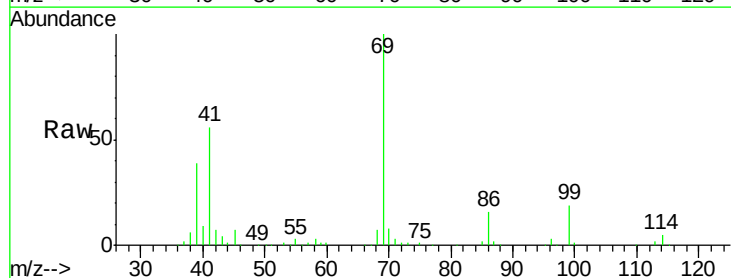


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

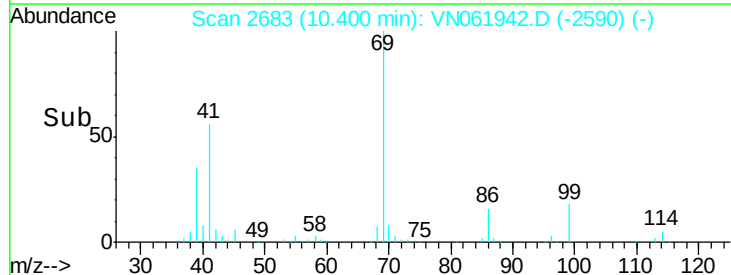
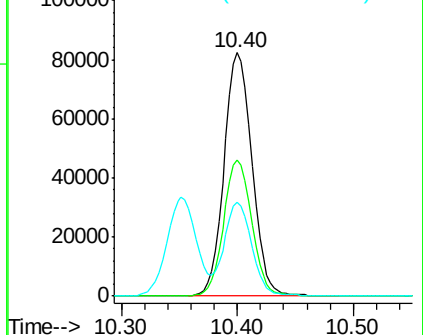


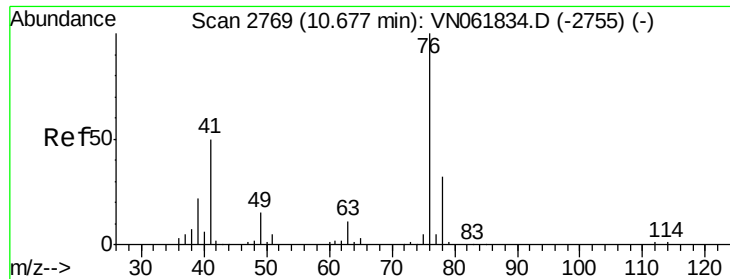
#56
 Ethyl methacrylate
 Concen: 48.470 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 69 Resp: 137742
 Ion Ratio Lower Upper
 69 100
 41 55.8 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

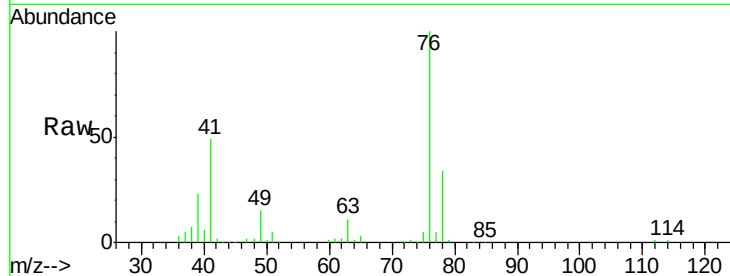




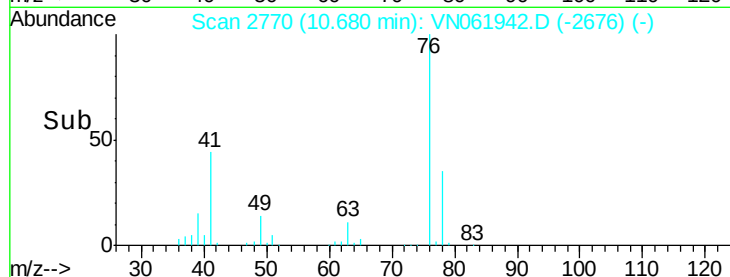
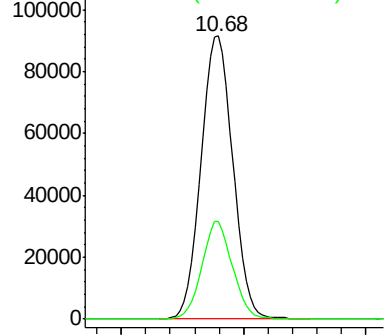
#57
 1,3-Dichloropropane
 Concen: 52.462 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

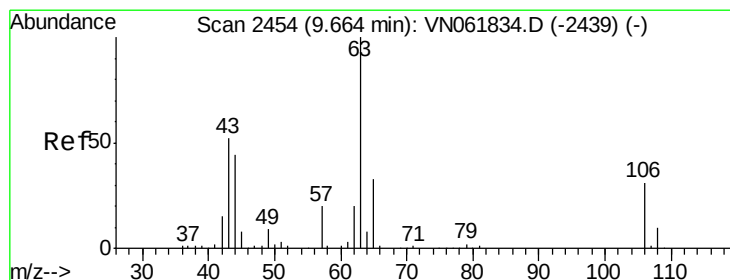
Tgt Ion: 76 Resp: 165677
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN061834.D (-2755) (-)
 Ion 77.90 (77.60 to 78.60): VN061834.D (-2755) (-)

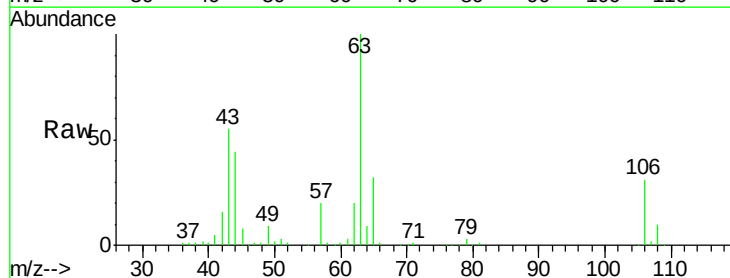


Time-->

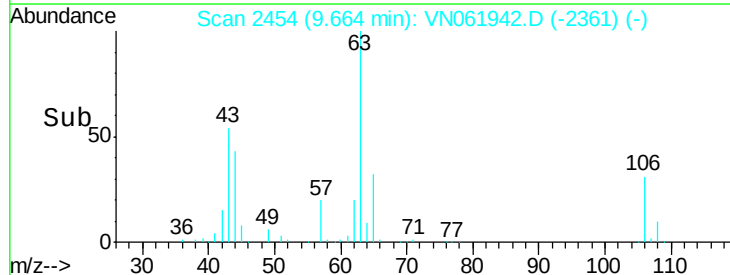
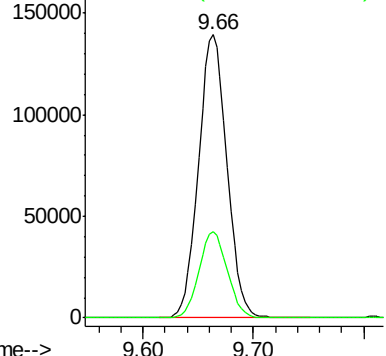


#58
 2-Chloroethyl Vinyl ether
 Concen: 252.760 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

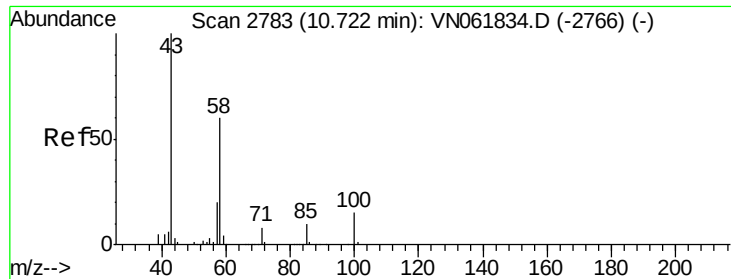
Tgt Ion: 63 Resp: 248667
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2439) (-)
 Ion 105.90 (105.60 to 106.60): VN061834.D (-2439) (-)



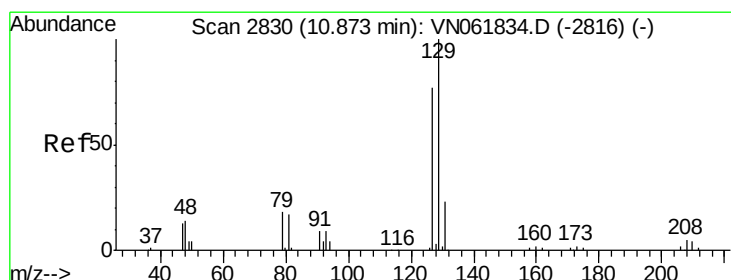
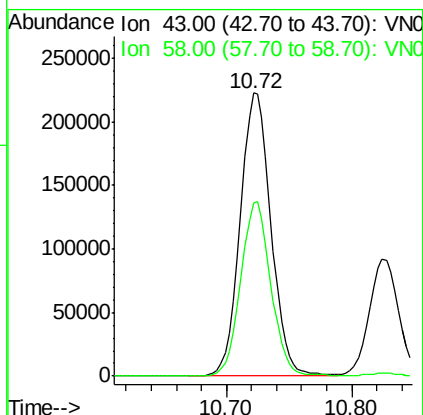
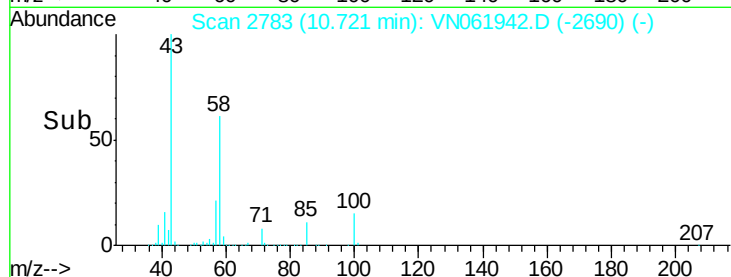
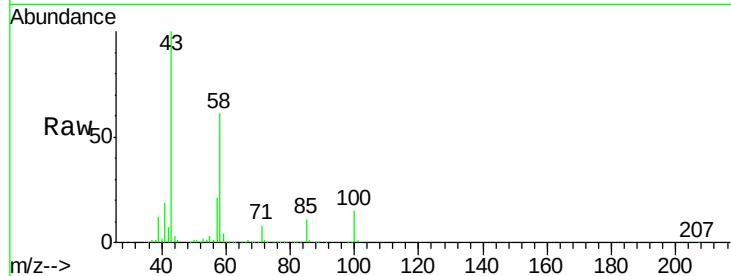
Time-->



#59
2-Hexanone
Concen: 245.577 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

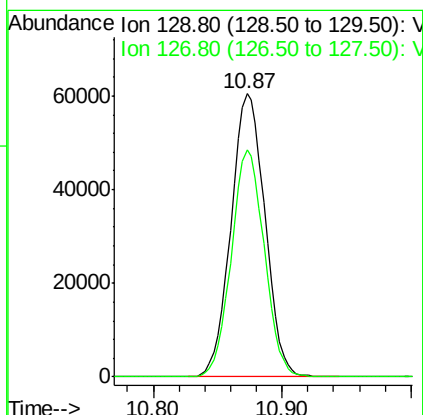
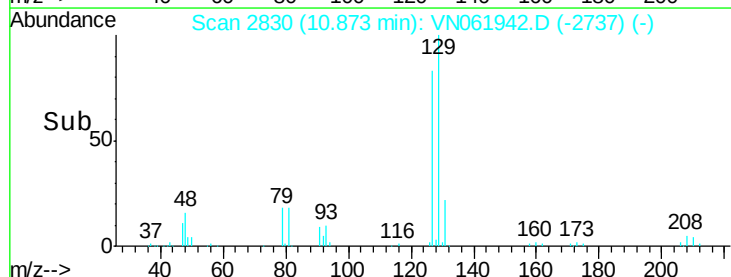
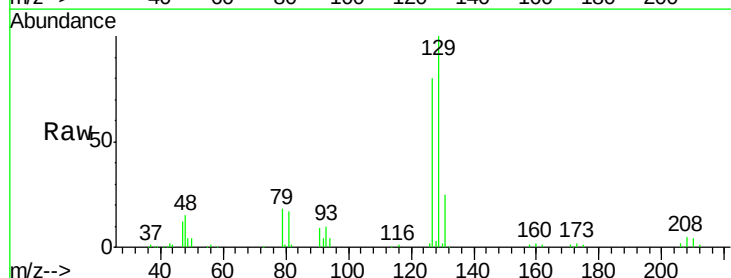
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

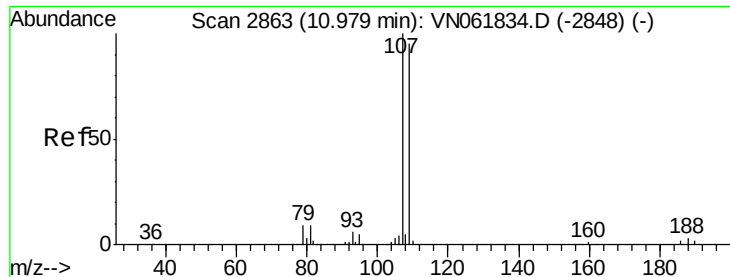
Tgt Ion: 43 Resp: 379584
Ion Ratio Lower Upper
43 100
58 60.4 30.1 90.5



#60
Dibromochloromethane
Concen: 53.281 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 129 Resp: 110827
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

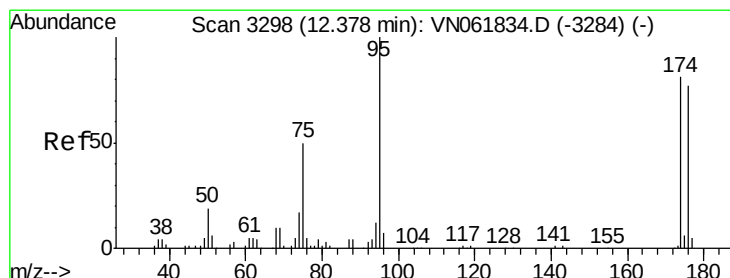
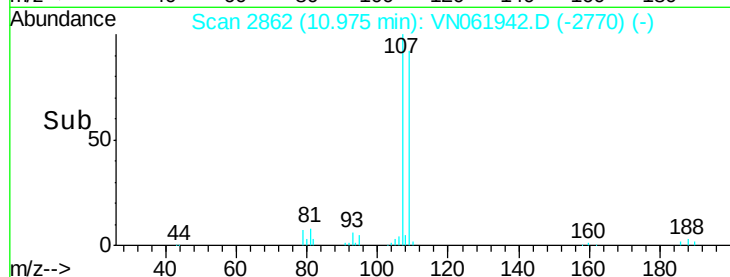
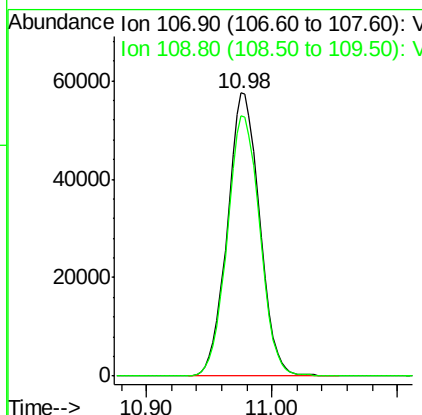
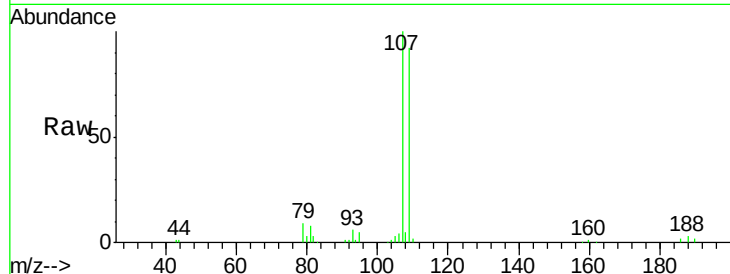




#61
 1,2-Dibromoethane
 Concen: 52.905 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

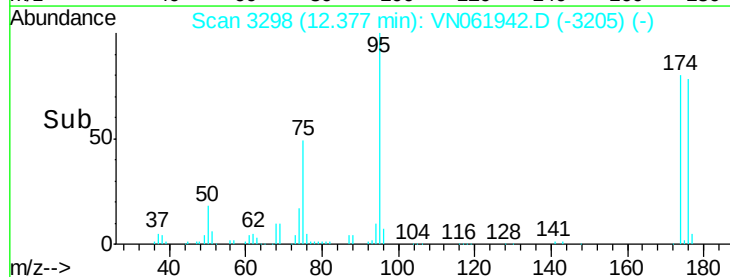
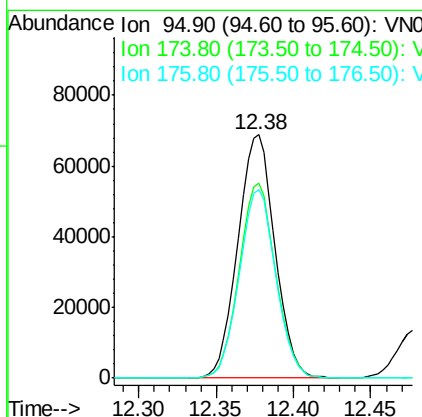
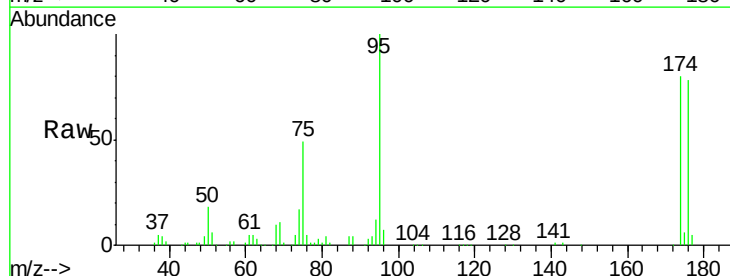
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

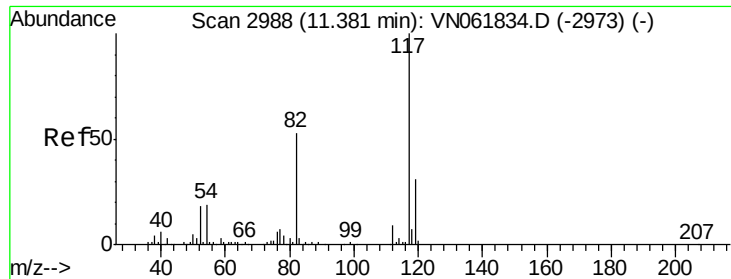
Tgt Ion: 107 Resp: 102979
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.717 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 95 Resp: 114755
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 158.6
 176 76.2 0.0 152.0

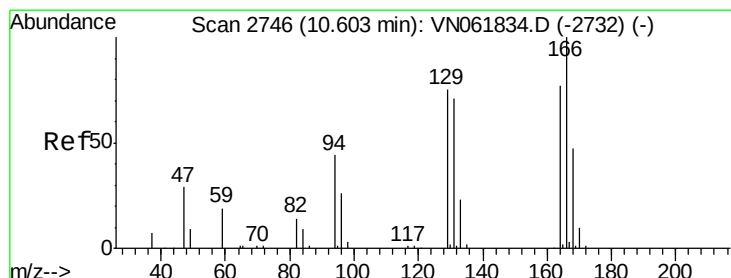
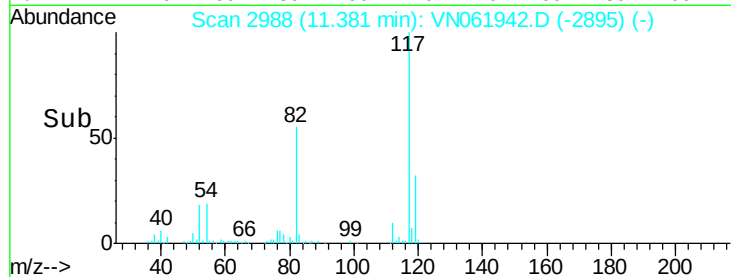
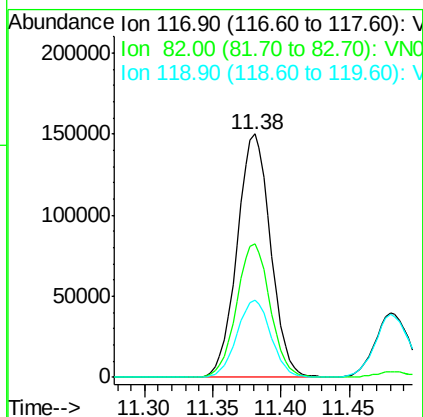
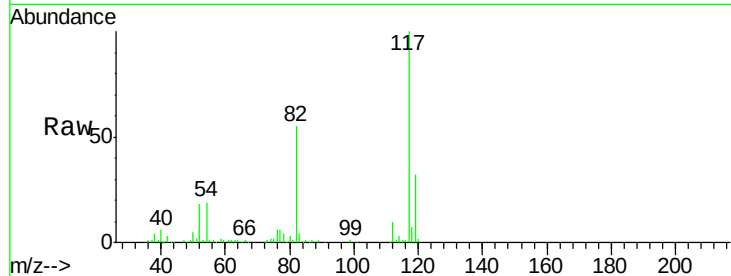




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

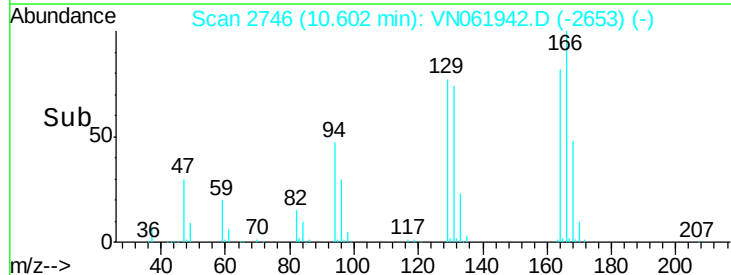
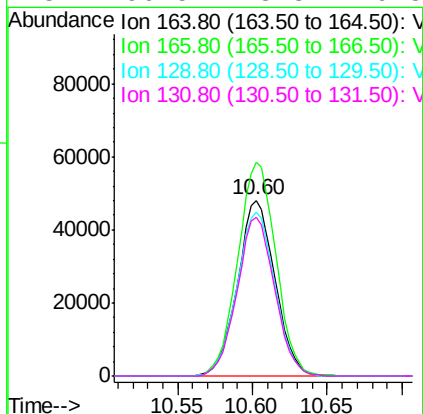
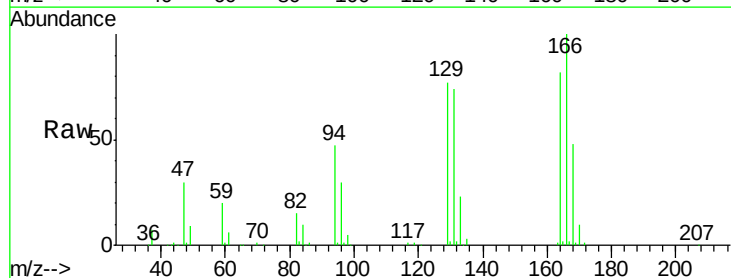
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

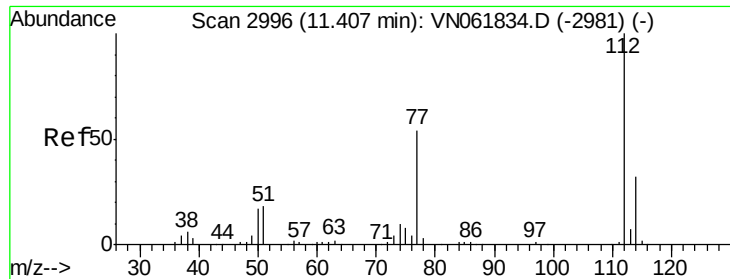
Tgt Ion:117 Resp: 256143
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 51.218 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion:164 Resp: 83617
Ion Ratio Lower Upper
164 100
166 121.5 103.5 155.3
129 93.1 77.5 116.3
131 90.5 73.8 110.8

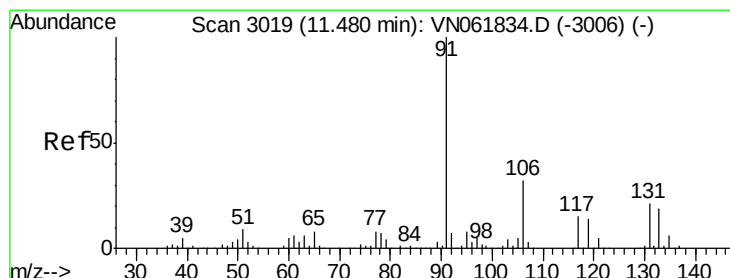
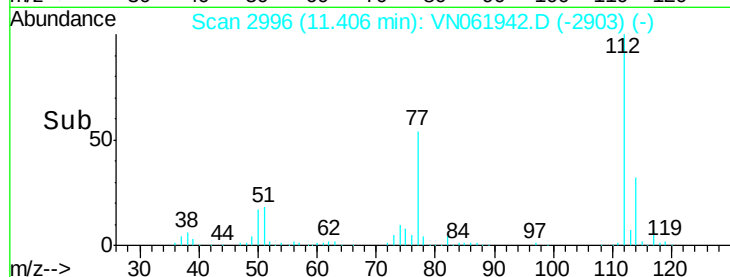
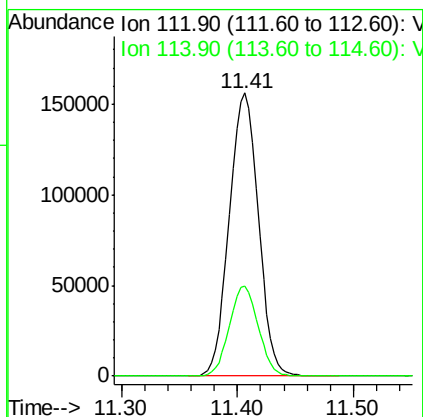
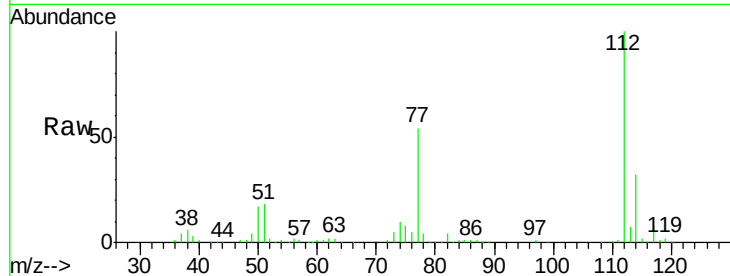




#65
Chlorobenzene
Concen: 50.157 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

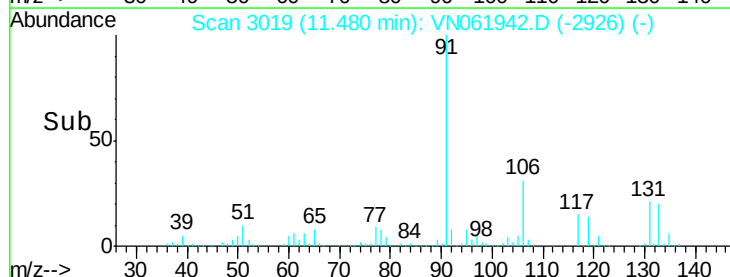
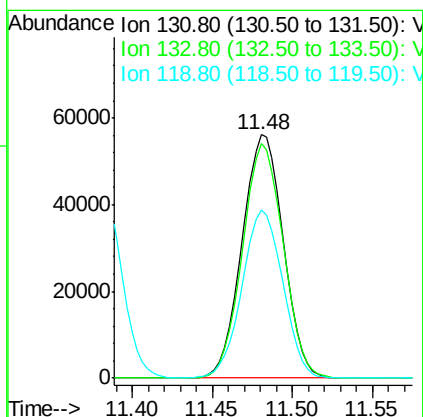
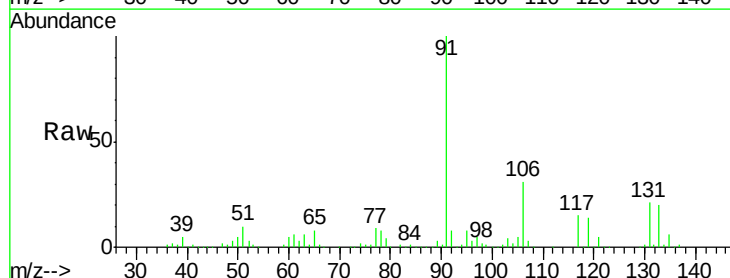
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

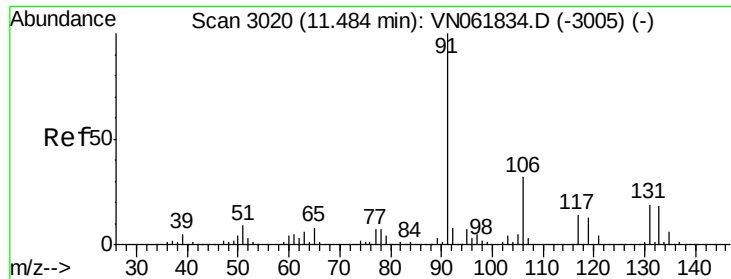
Tgt Ion:112 Resp: 271089
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.346 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion:131 Resp: 98673
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 68.5 34.0 101.8

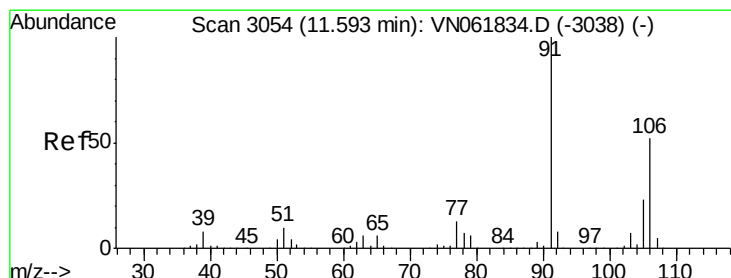
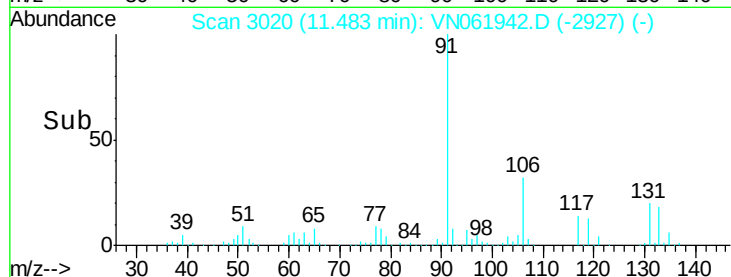
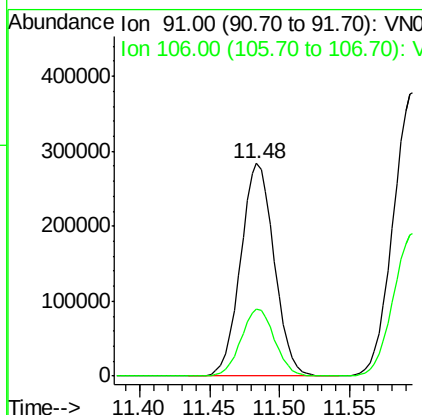
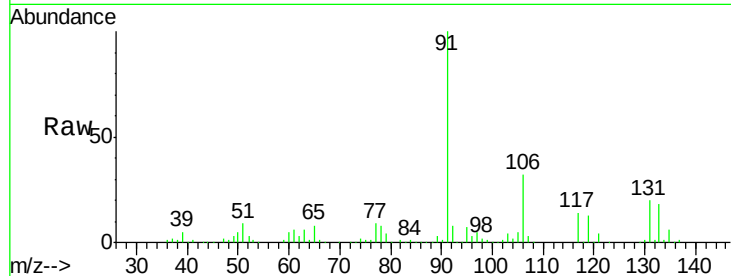




#67
Ethyl Benzene
Concen: 52.225 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

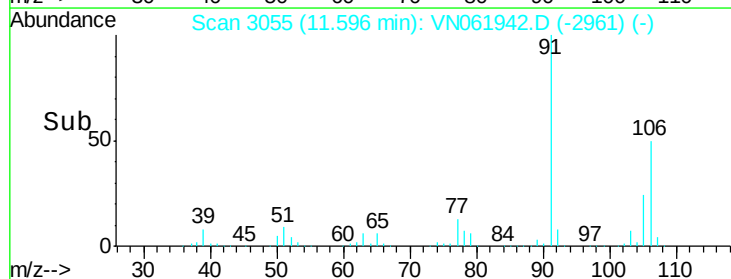
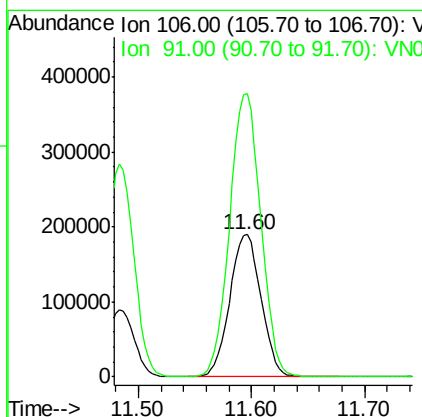
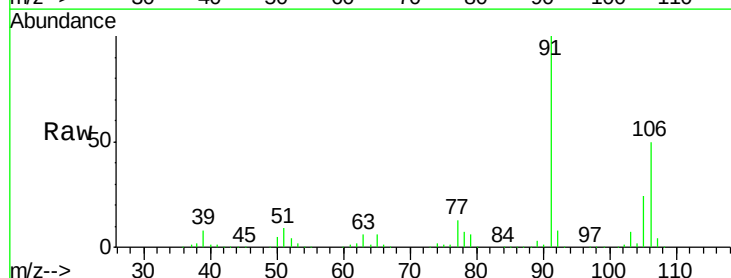
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

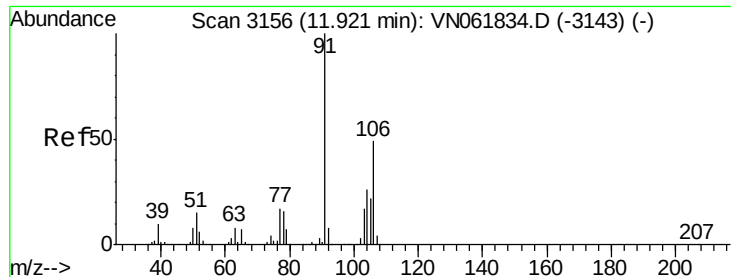
Tgt Ion: 91 Resp: 473257
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 104.740 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 106 Resp: 365991
Ion Ratio Lower Upper
106 100
91 198.4 157.0 235.6

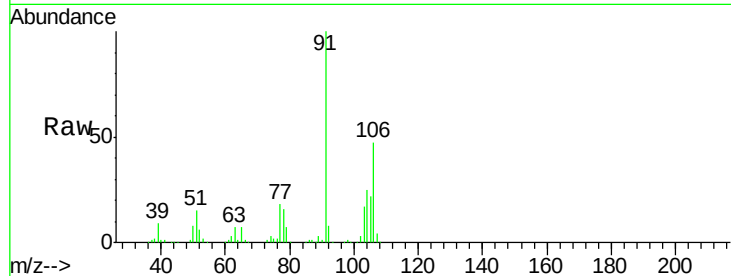




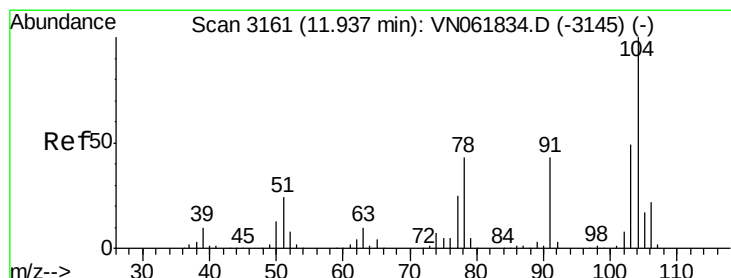
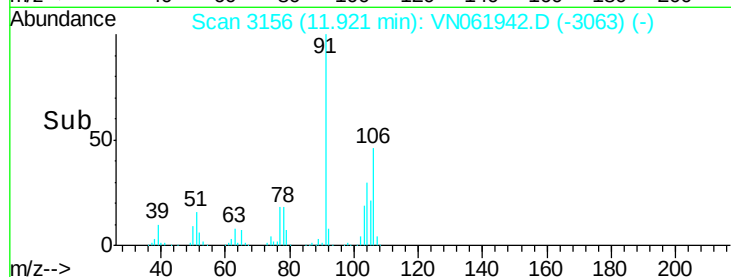
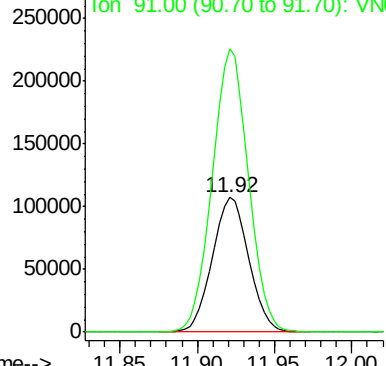
#69
o-Xylene
Concen: 53.035 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 176823
Ion Ratio Lower Upper
106 100
91 208.3 103.0 308.9

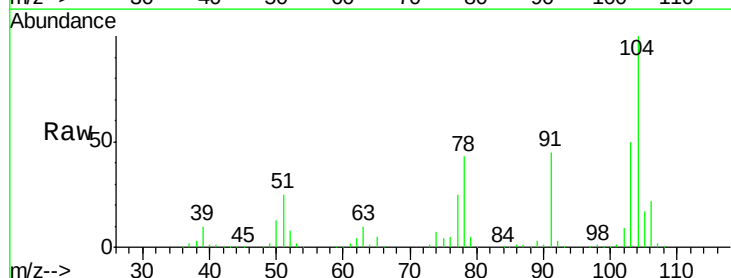


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

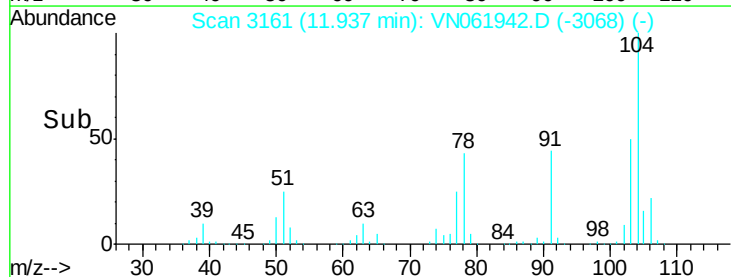
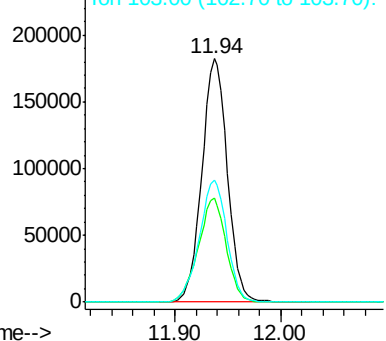


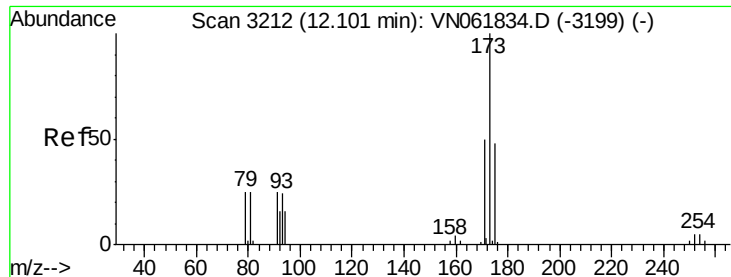
#70
Styrene
Concen: 54.547 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion:104 Resp: 304513
Ion Ratio Lower Upper
104 100
78 46.5 37.6 56.4
103 54.3 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.354 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

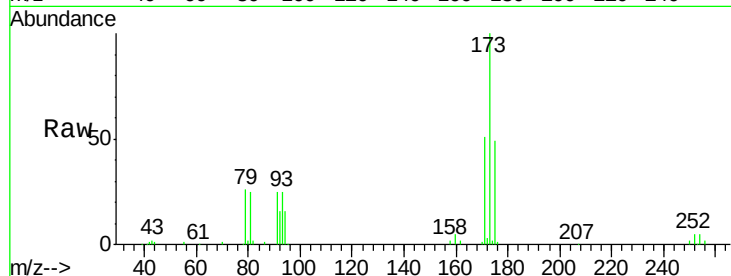
Tgt Ion:173 Resp: 73332

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

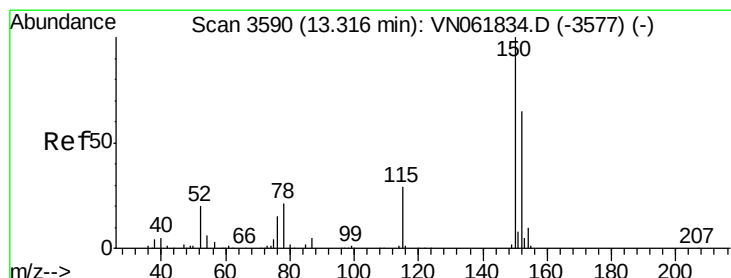
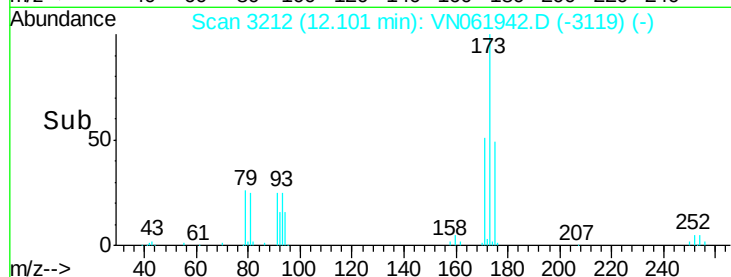
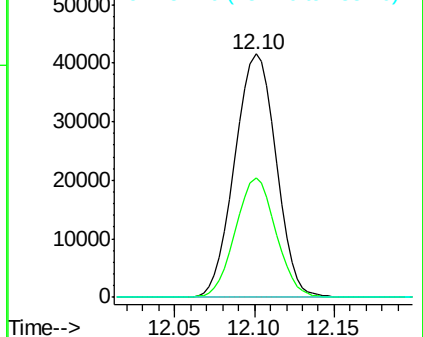
254 0.0 0.0 0.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

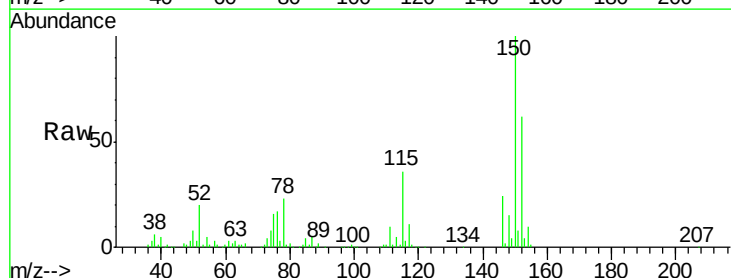
Tgt Ion:152 Resp: 125552

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

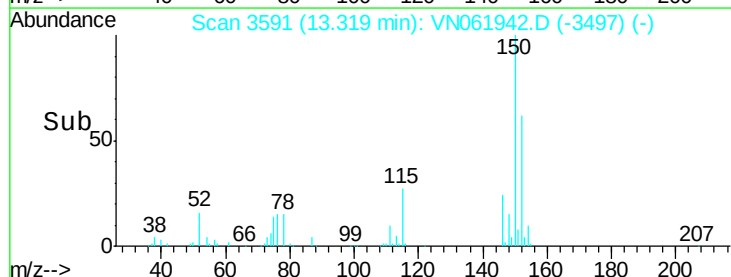
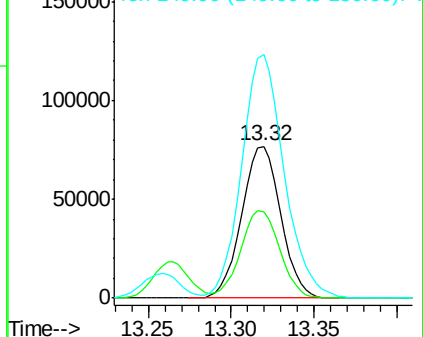
150 175.4 0.0 347.6

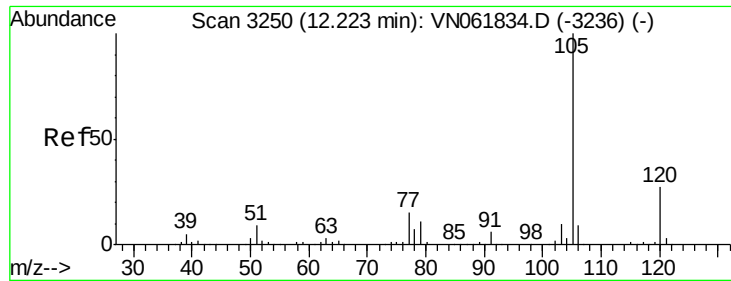


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

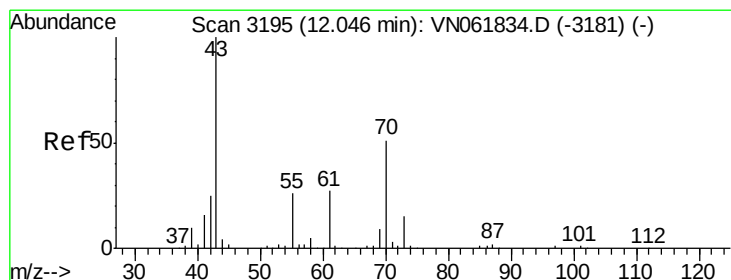
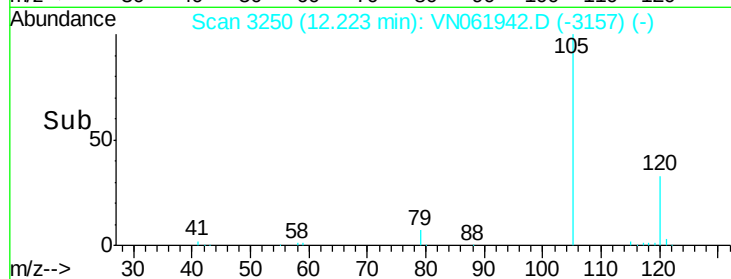
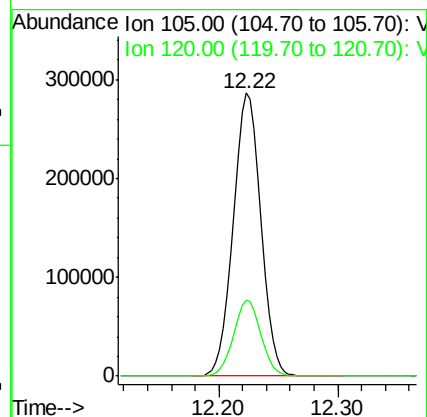
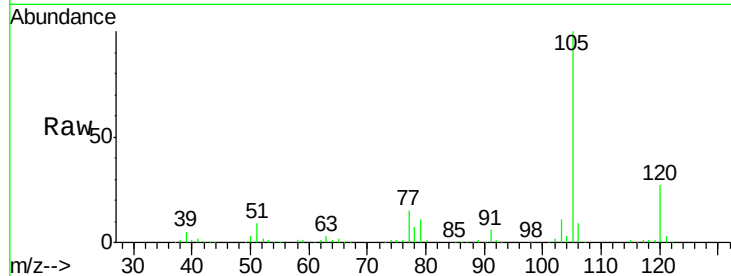




#73
Isopropylbenzene
Concen: 51.555 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

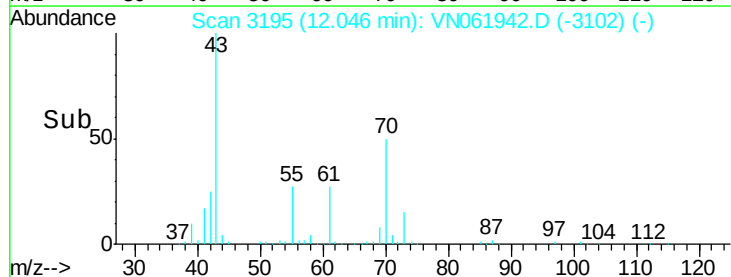
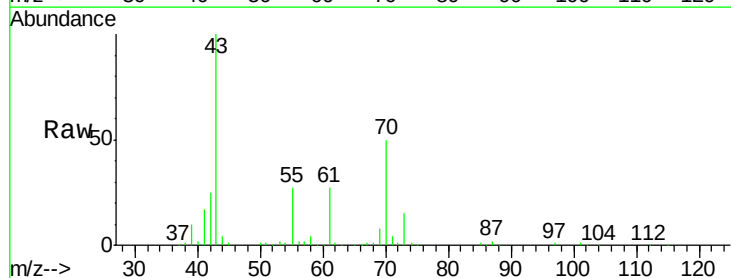
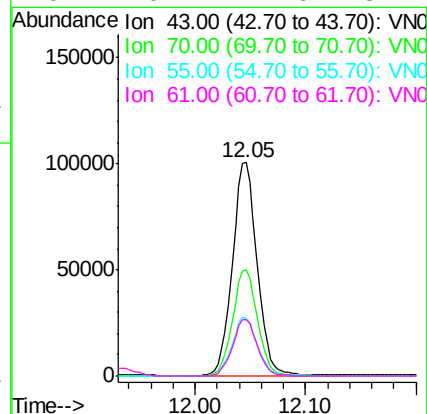
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

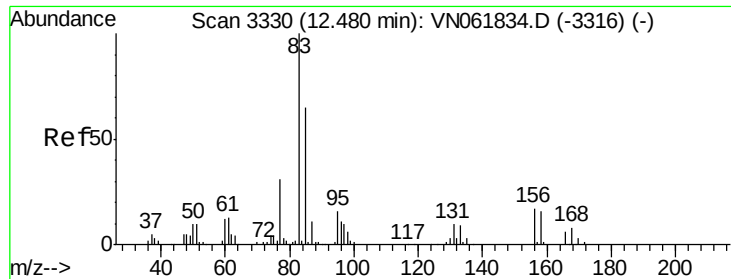
Tgt Ion: 105 Resp: 459971
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#74
N-ethyl acetate
Concen: 48.566 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 43 Resp: 156615
Ion Ratio Lower Upper
43 100
70 50.1 40.6 60.8
55 28.1 21.5 32.3
61 26.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.093 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

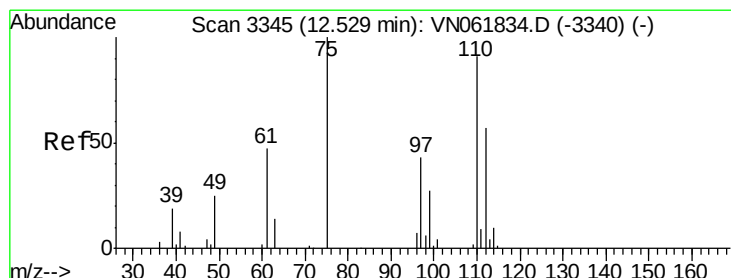
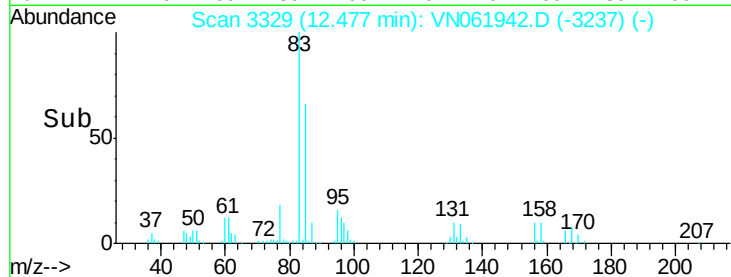
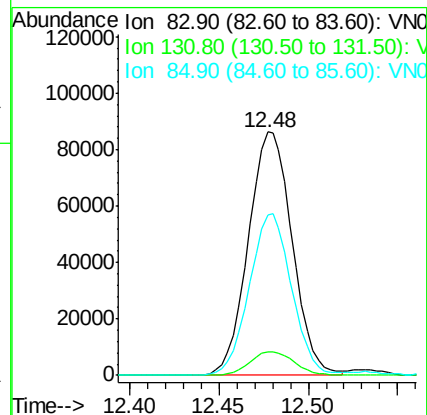
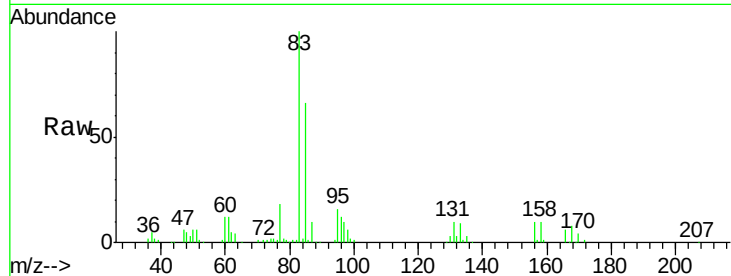
Tgt Ion: 83 Resp: 148207

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

85 64.0 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 71.108 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061942.D

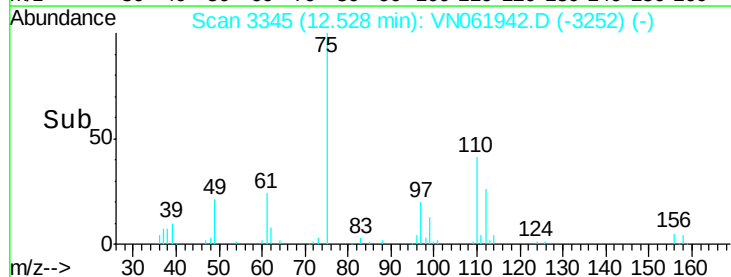
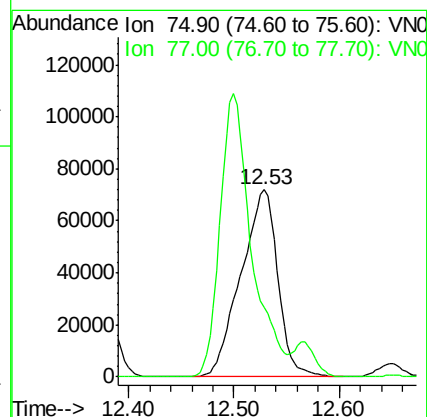
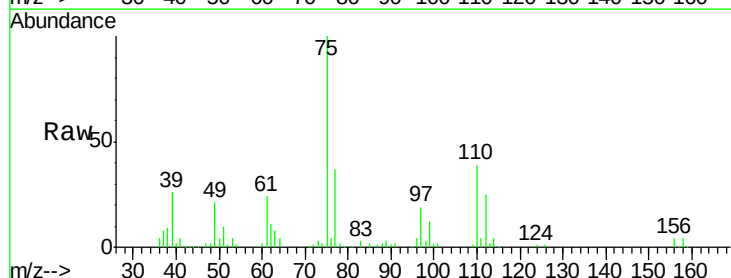
Acq: 19 Jun 2020 9:18

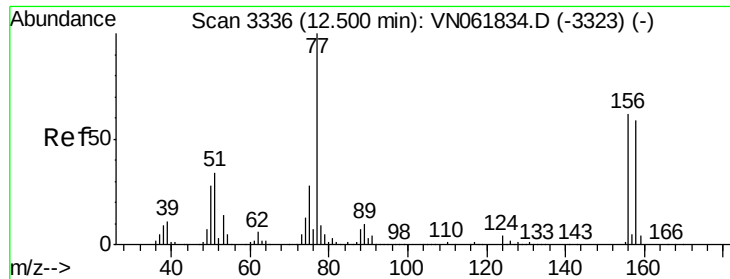
Tgt Ion: 75 Resp: 175274

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.846 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

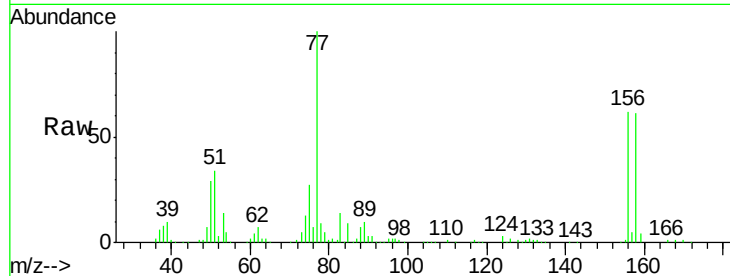
Tgt Ion:156 Resp: 114448

Ion Ratio Lower Upper

156 100

77 197.4 100.7 302.1

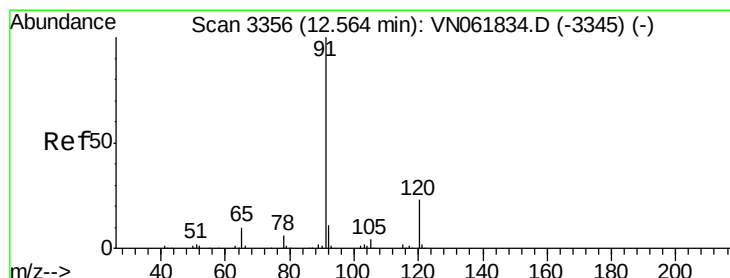
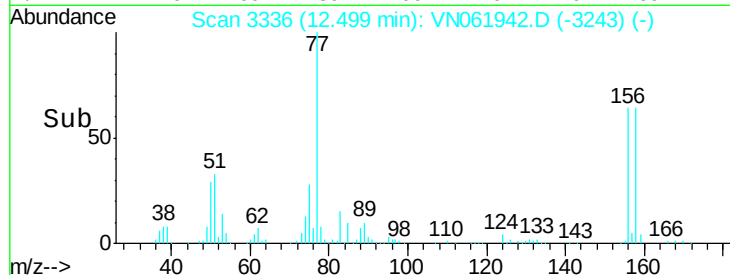
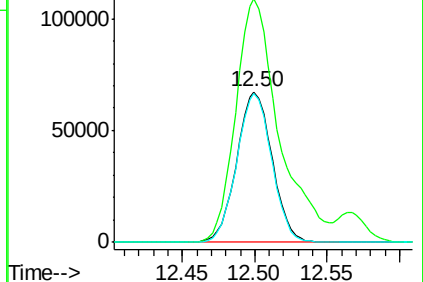
158 97.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.184 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061942.D

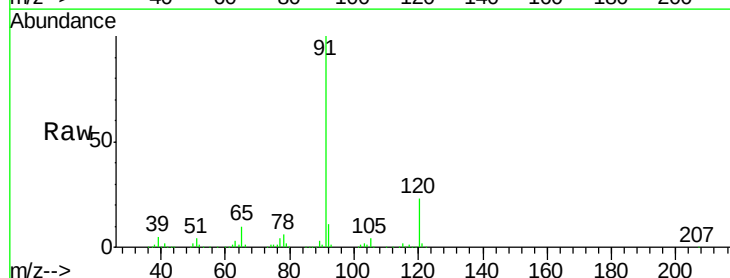
Acq: 19 Jun 2020 9:18

Tgt Ion: 91 Resp: 521068

Ion Ratio Lower Upper

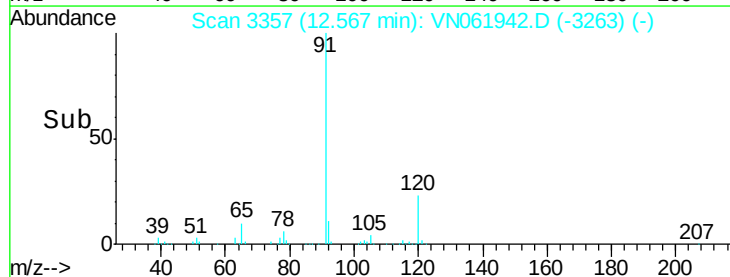
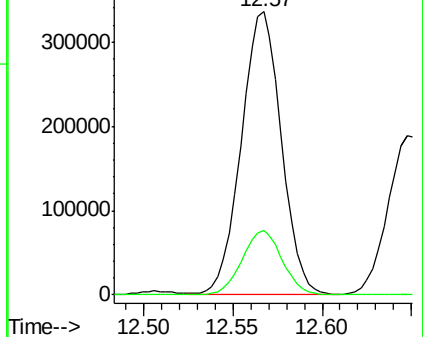
91 100

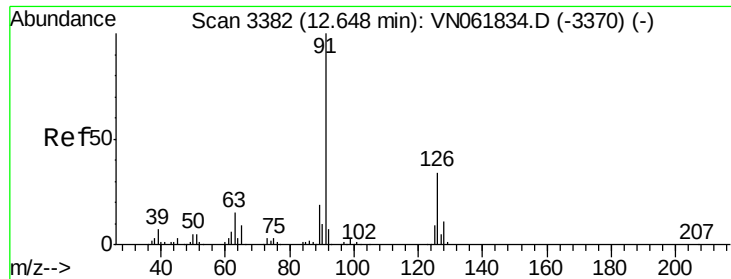
120 22.9 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

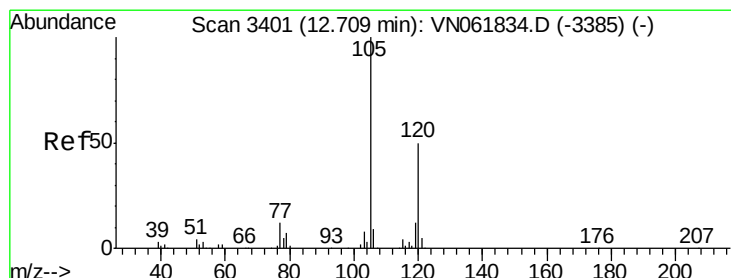
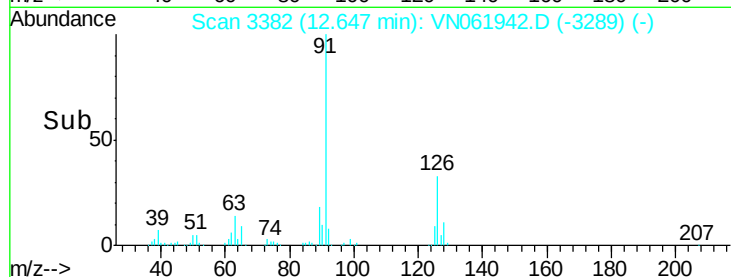
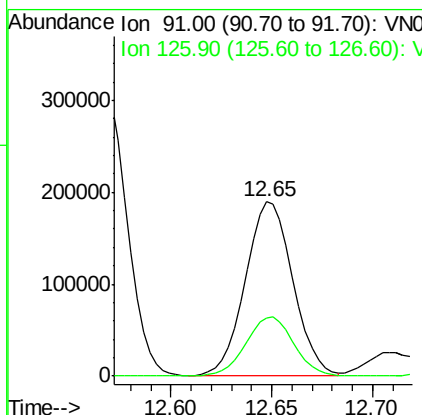
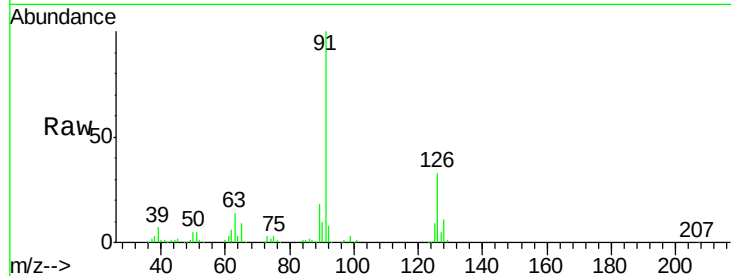




#79
 2-Chlorotoluene
 Concen: 50.992 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

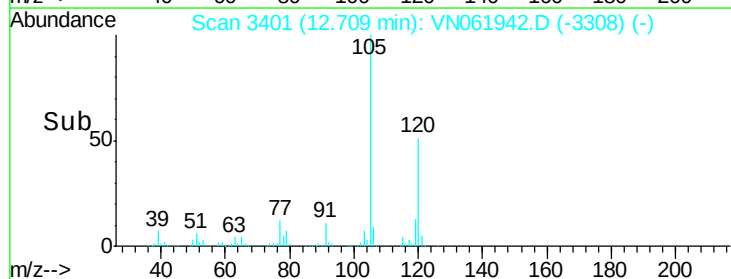
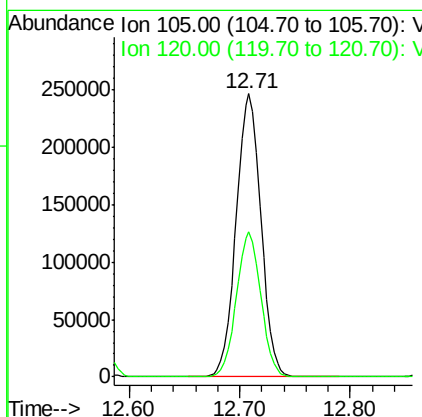
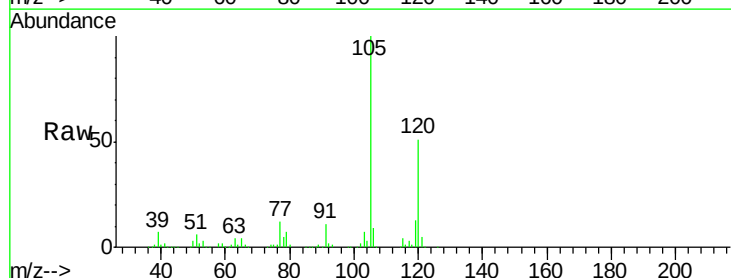
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

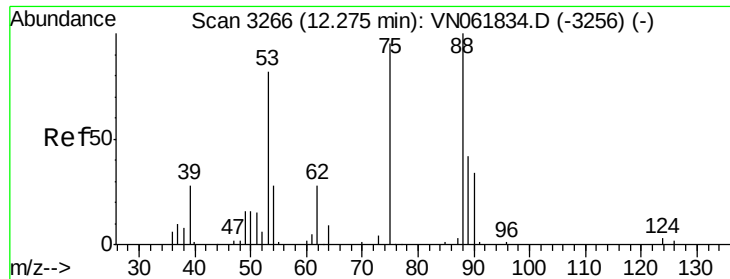
Tgt Ion: 91 Resp: 311775
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.085 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 105 Resp: 384451
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 46.513 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061942.D

Acq: 19 Jun 2020 9:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

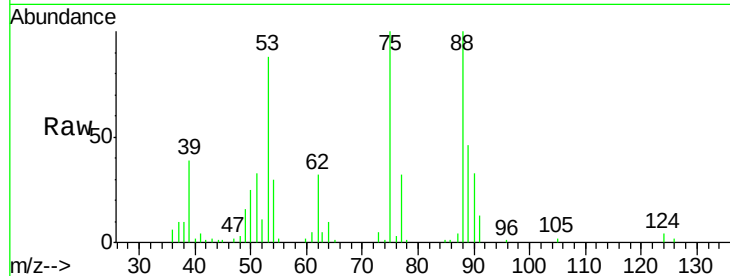
Tgt Ion: 75 Resp: 42036

Ion Ratio Lower Upper

75 100

53 87.3 70.4 105.6

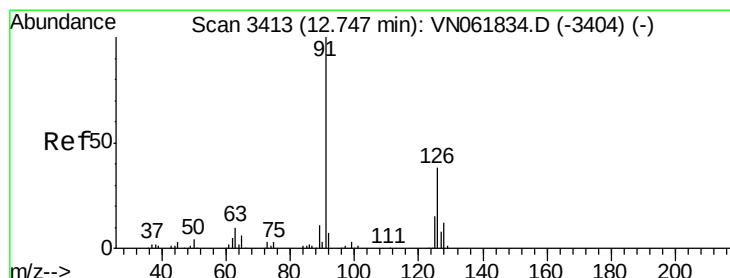
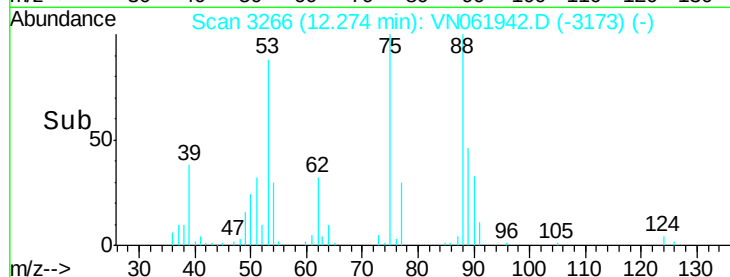
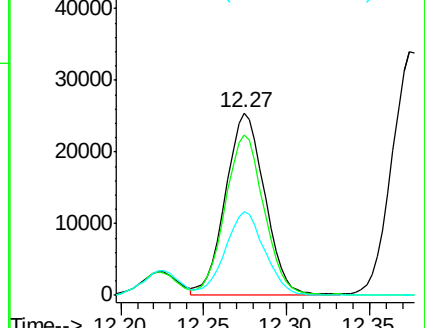
89 45.6 36.0 54.0



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: 51.290 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061942.D

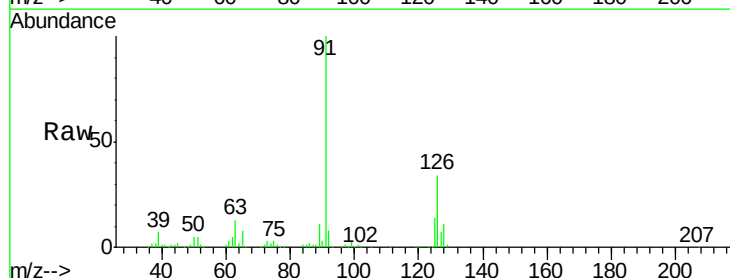
Acq: 19 Jun 2020 9:18

Tgt Ion: 91 Resp: 324041

Ion Ratio Lower Upper

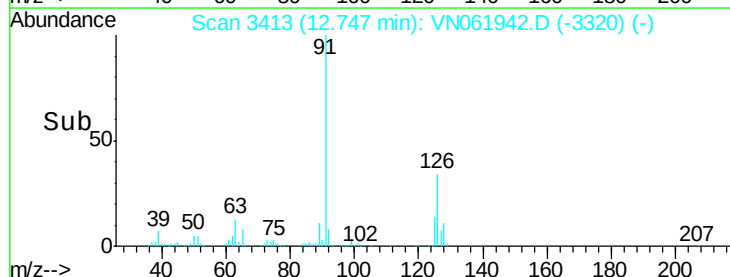
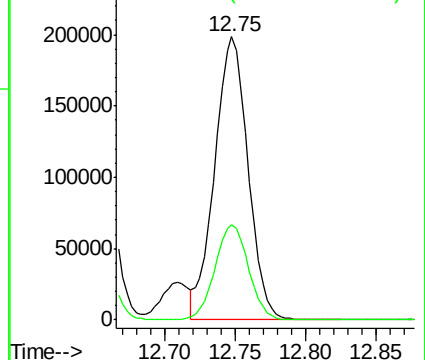
91 100

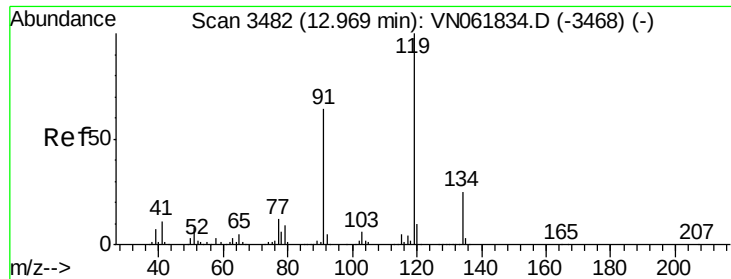
126 33.9 17.2 51.6



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

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

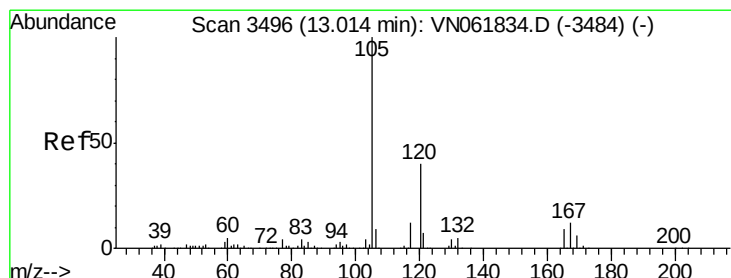
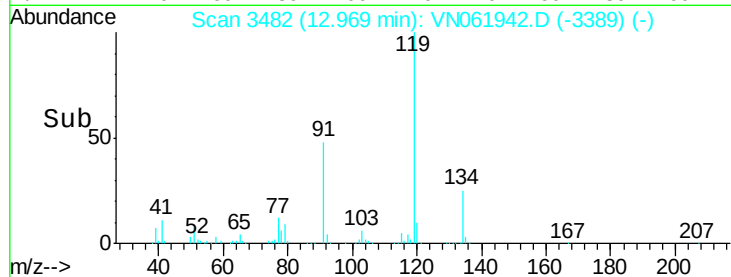
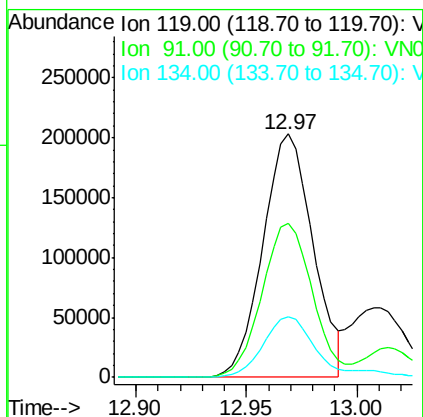
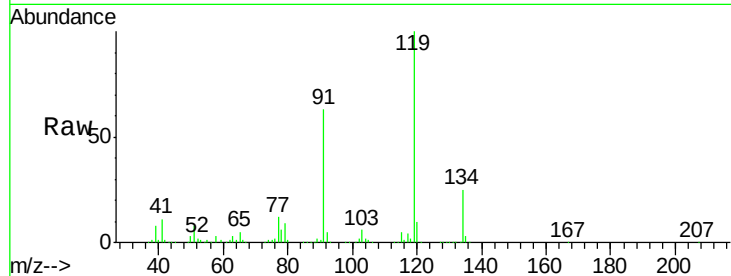




#83
 tert-Butylbenzene
 Concen: 51.057 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

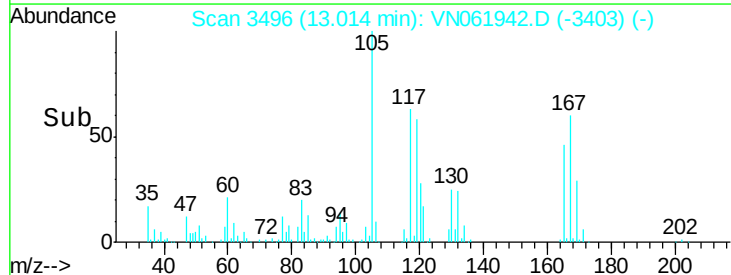
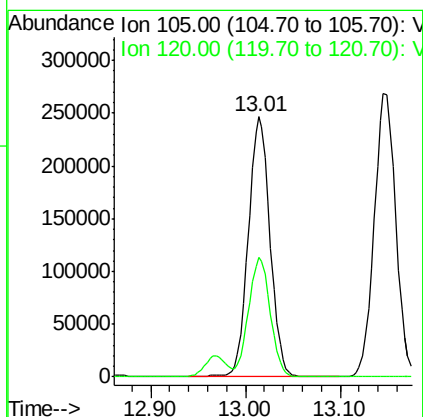
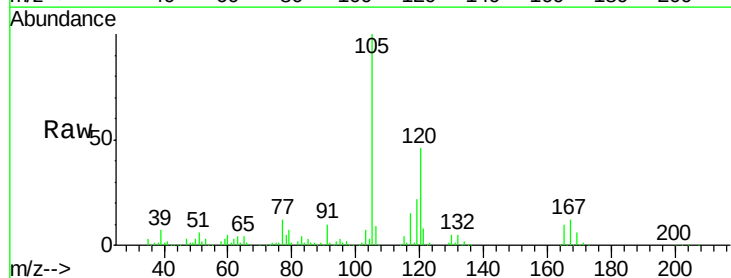
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

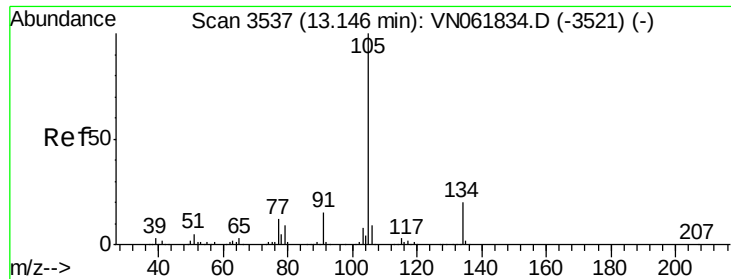
Tgt Ion:119 Resp: 319493
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.5 94.5
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.932 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion:105 Resp: 392966
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.9

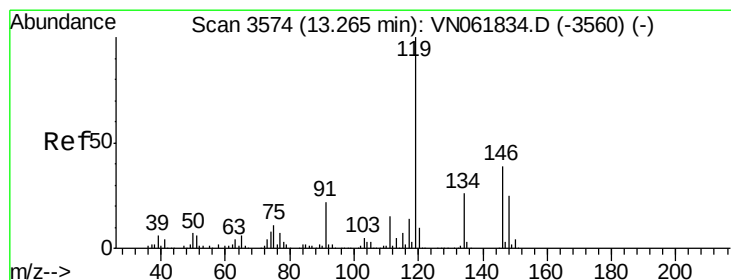
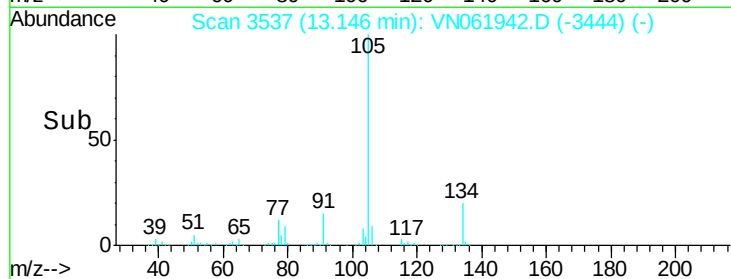
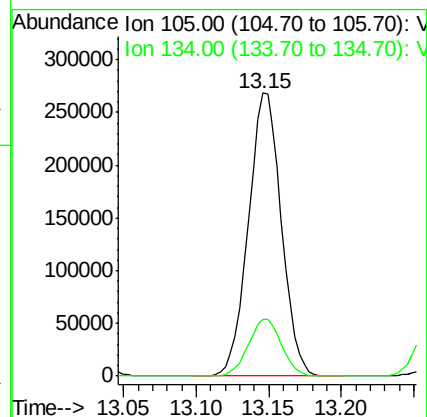
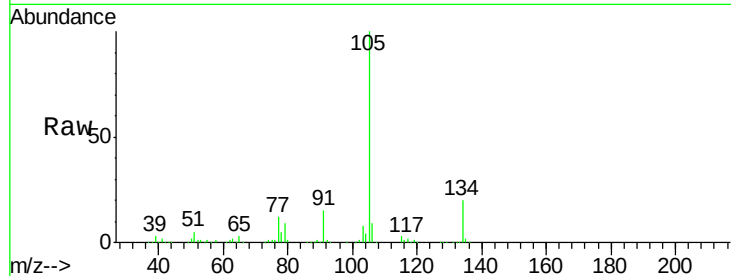




#85
 sec-Butylbenzene
 Concen: 51.660 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

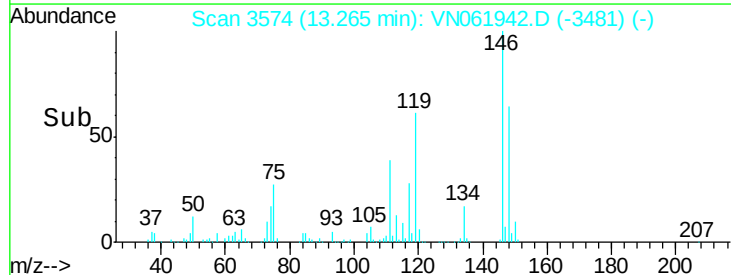
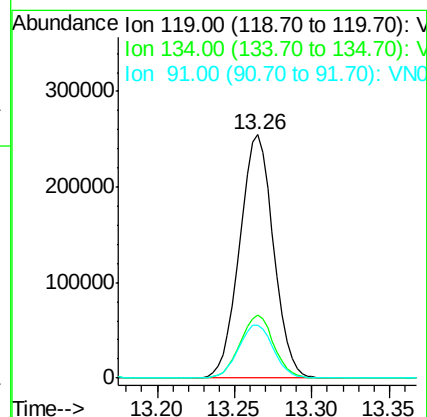
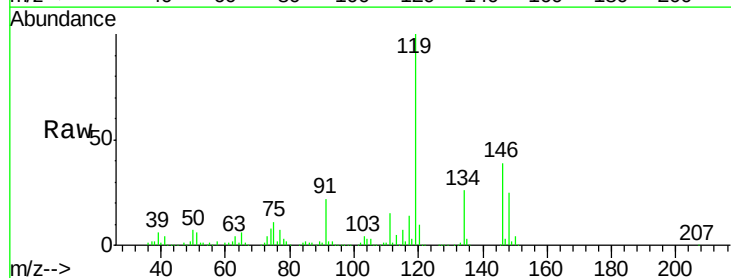
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

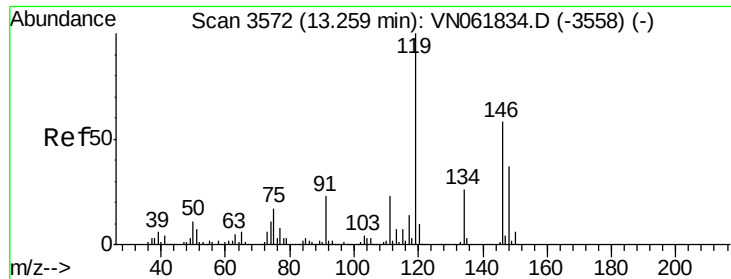
Tgt Ion:105 Resp: 423119
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.917 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion:119 Resp: 386213
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.9
 91 22.6 11.2 33.6

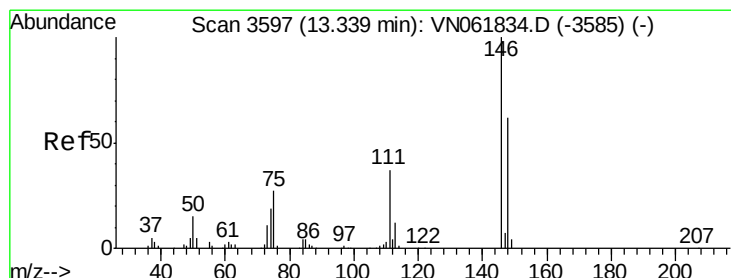
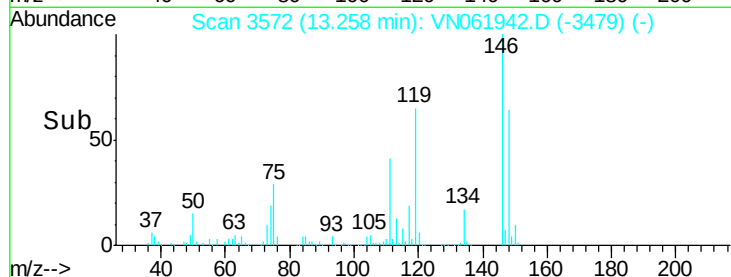
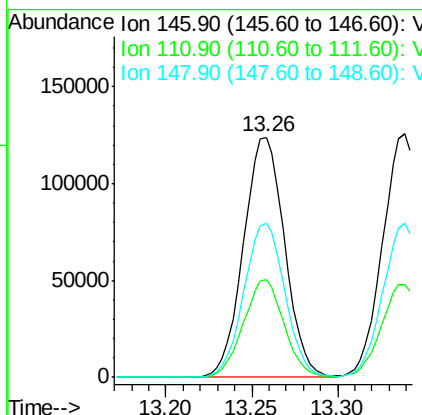
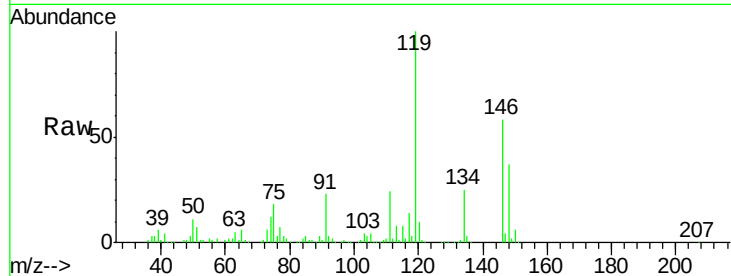




#87
 1,3-Dichlorobenzene
 Concen: 50.117 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

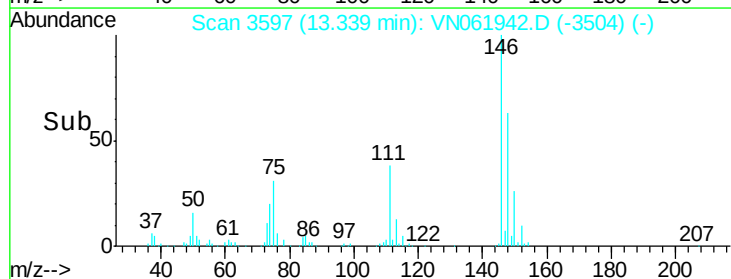
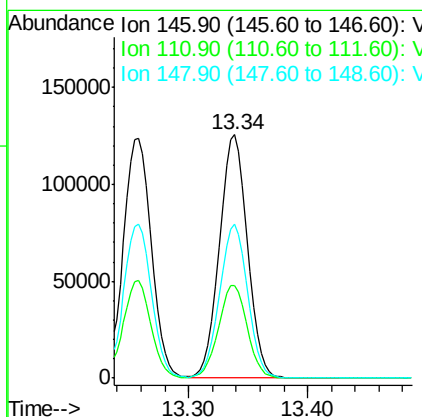
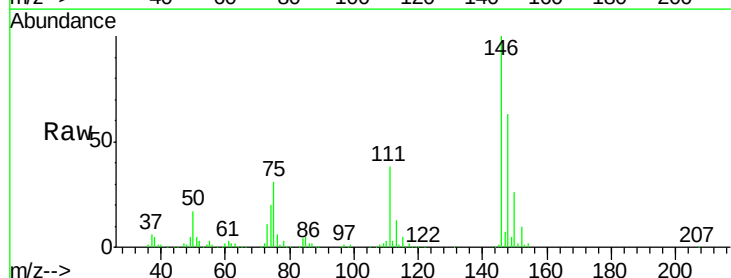
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

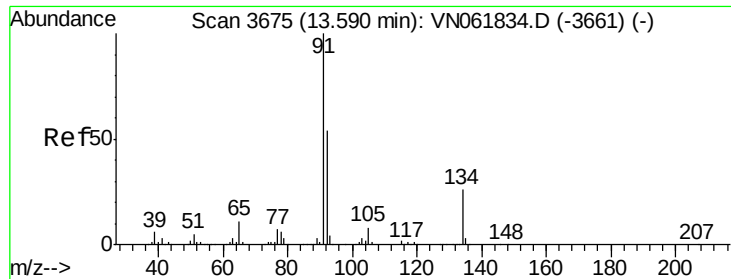
Tgt Ion:146 Resp: 205742
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.8
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.801 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion:146 Resp: 205071
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.8
 148 63.4 31.6 94.7

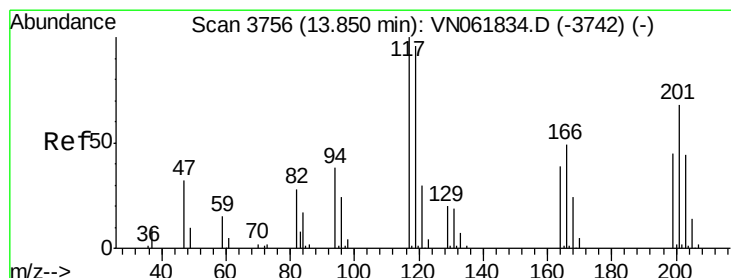
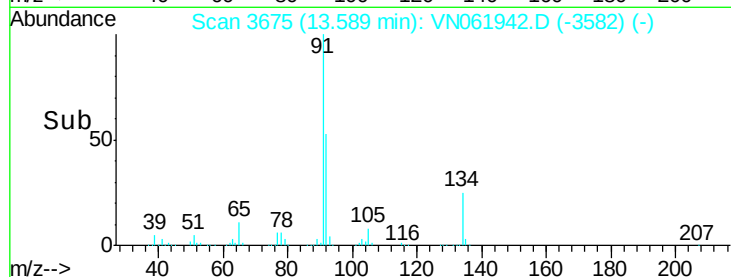
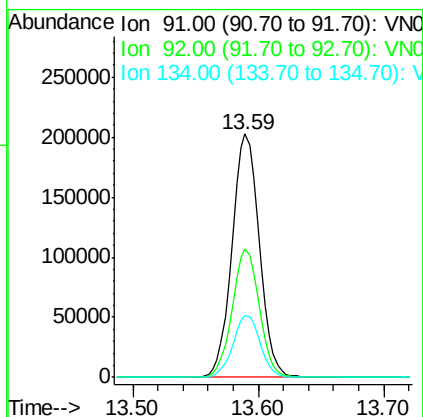
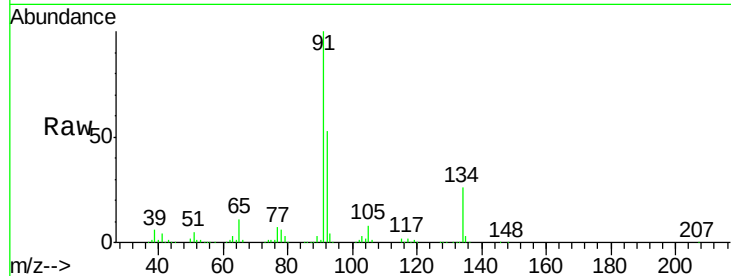




#89
n-Butylbenzene
Concen: 50.333 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

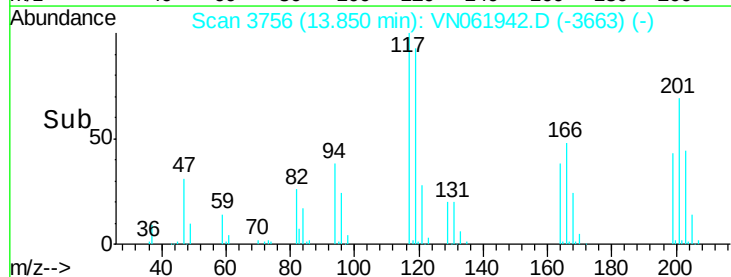
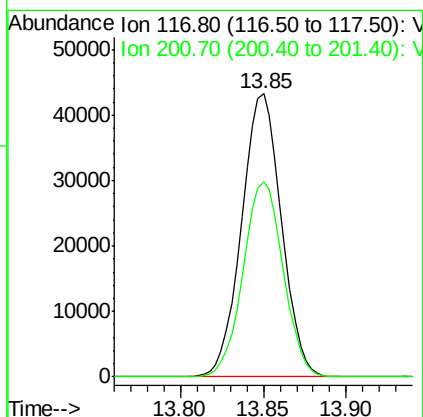
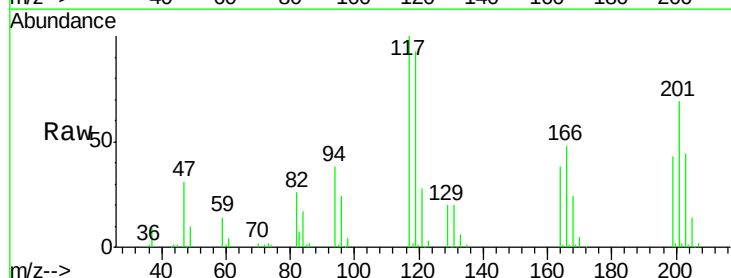
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

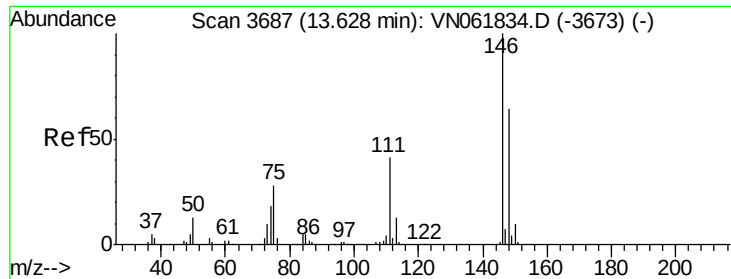
Tgt Ion: 91 Resp: 306792
Ion Ratio Lower Upper
91 100
92 52.1 27.0 80.8
134 25.4 13.0 39.0



#90
Hexachloroethane
Concen: 54.030 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion: 117 Resp: 72183
Ion Ratio Lower Upper
117 100
201 69.2 34.6 103.8

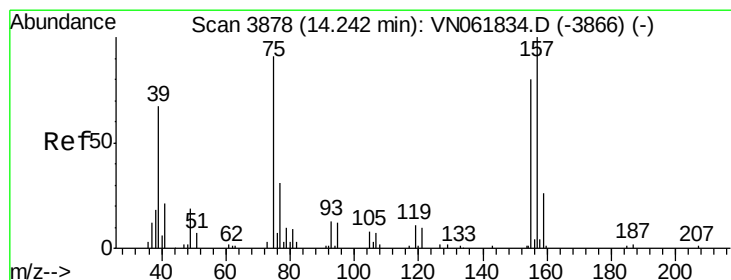
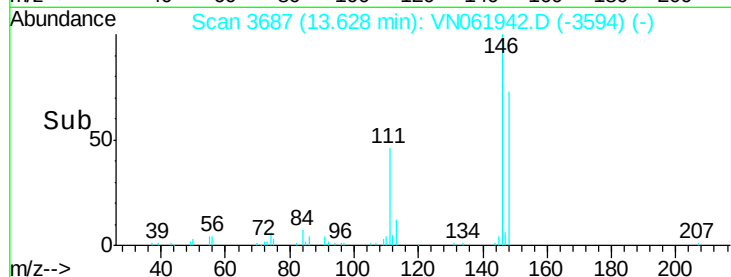
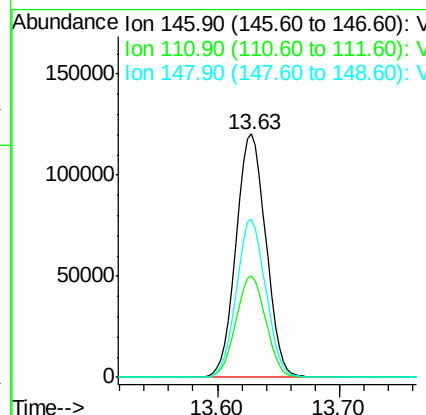
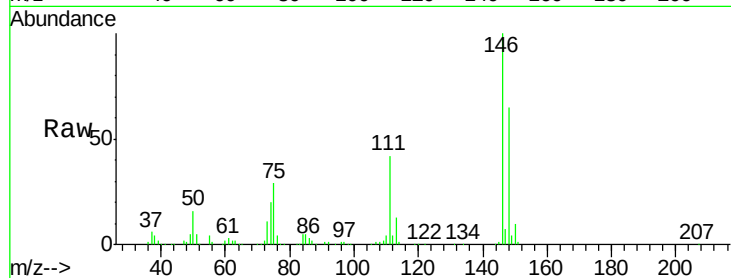




#91
 1,2-Dichlorobenzene
 Concen: 51.863 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

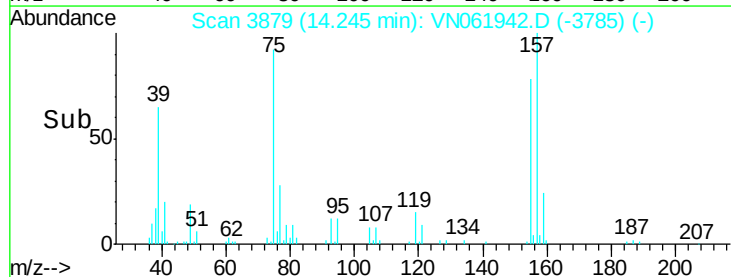
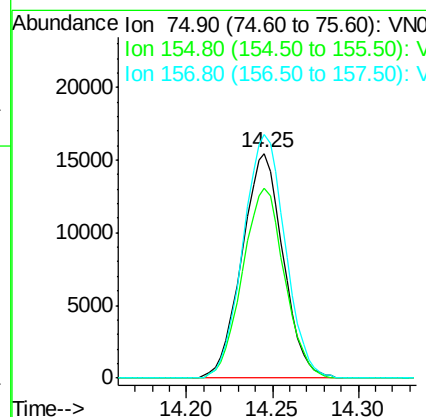
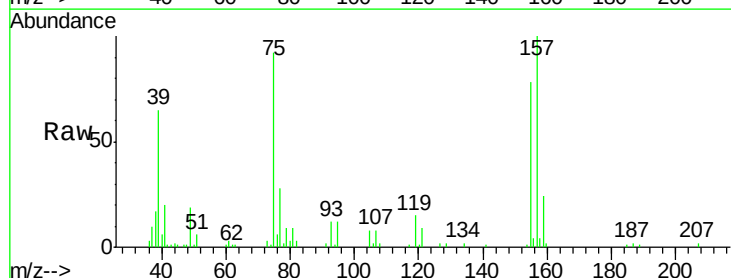
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

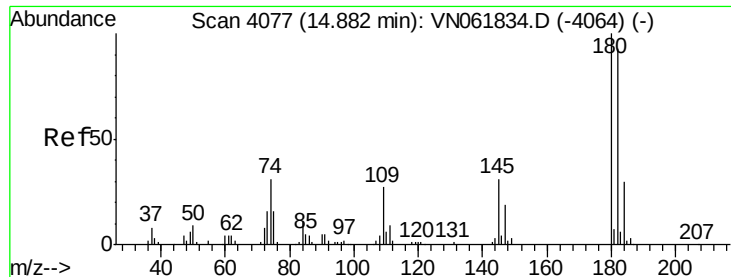
Tgt Ion:146 Resp: 204970
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.4 61.2
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.439 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion: 75 Resp: 25636
 Ion Ratio Lower Upper
 75 100
 155 86.2 44.4 133.2
 157 110.6 57.0 171.2

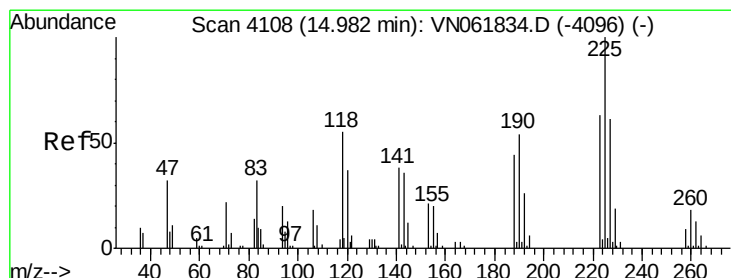
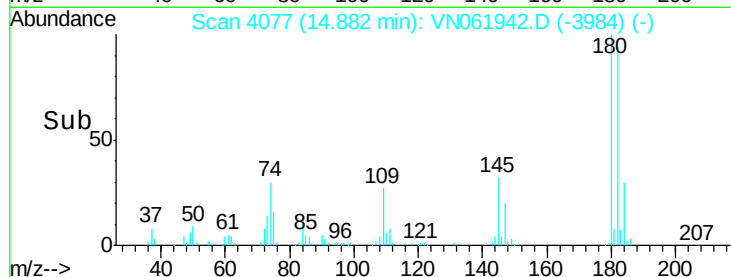
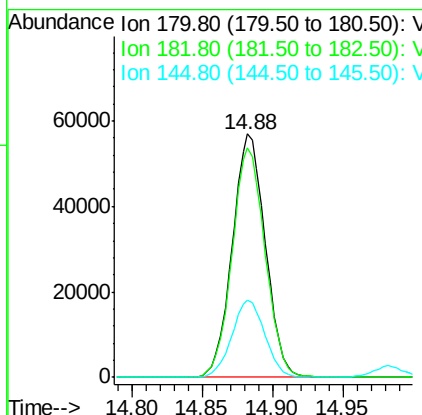
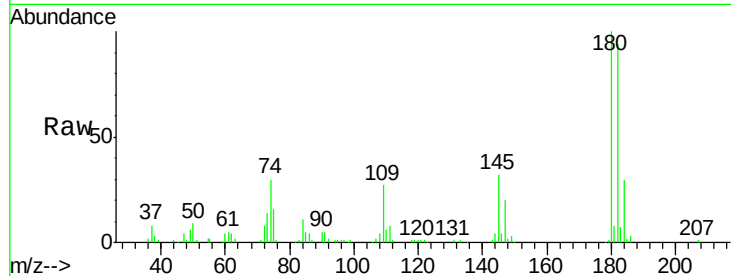




#93
 1,2,4-Trichlorobenzene
 Concen: 50.002 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

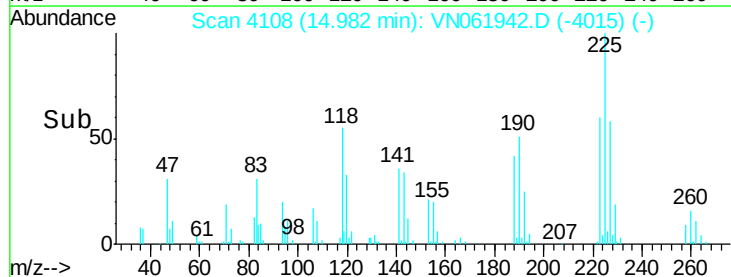
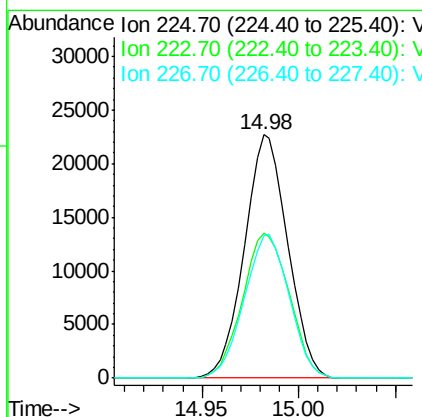
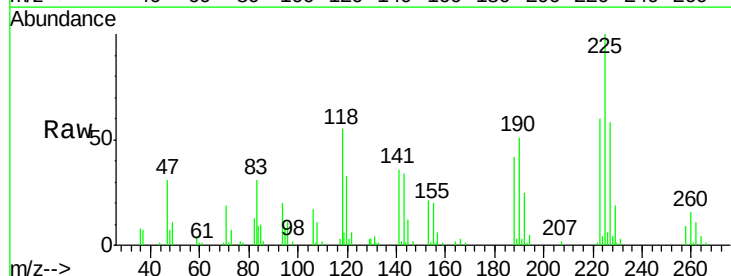
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

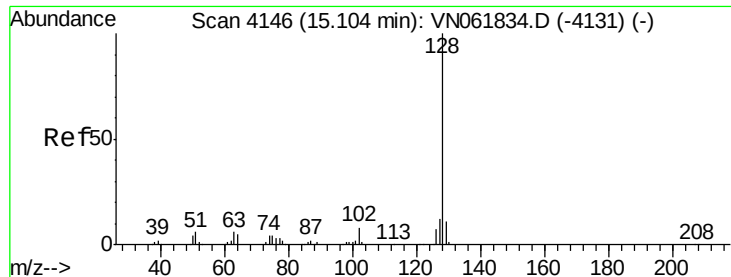
Tgt Ion:180 Resp: 93250
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.0 141.2
 145 31.6 15.8 47.3



#94
 Hexachlorobutadiene
 Concen: 48.281 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061942.D
 Acq: 19 Jun 2020 9:18

Tgt Ion:225 Resp: 35463
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.7 95.1
 227 61.2 30.1 90.3

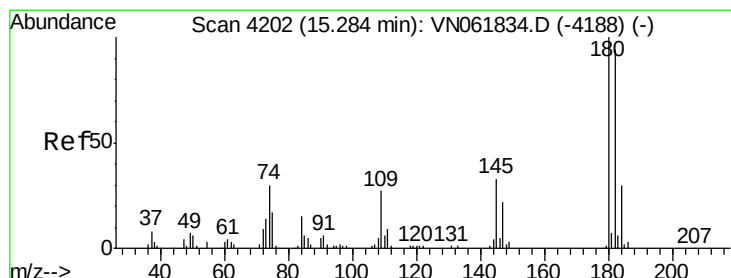
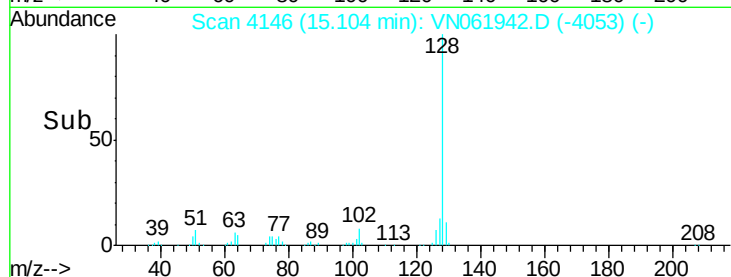
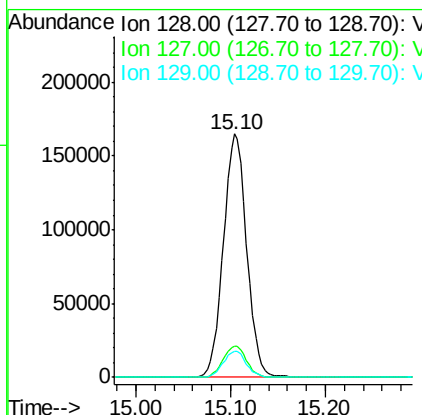
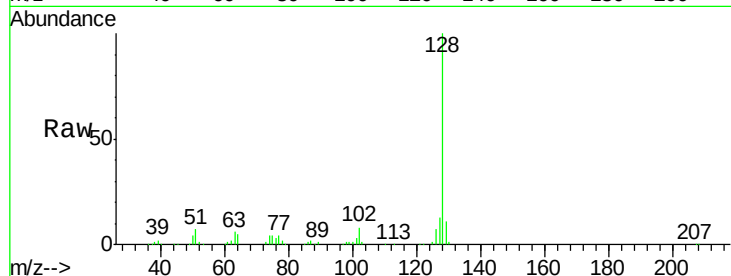




#95
Naphthalene
Concen: 45.464 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 281818
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.838 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061942.D
Acq: 19 Jun 2020 9:18

Tgt Ion:180 Resp: 97590
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.6
145 33.2 16.5 49.5

