

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061642.D
 Acq On : 3 Jun 2020 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 07:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	334117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	552287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196052	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.55	113	143457	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.06	98	673713	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.37	95	245064	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	182718	47.425	ug/l	98
3) Chloromethane	2.03	50	191825	47.072	ug/l	99
4) Vinyl Chloride	2.16	62	267565	47.913	ug/l	99
5) Bromomethane	2.53	94	162234	50.628	ug/l	100
6) Chloroethane	2.67	64	171639	47.750	ug/l	99
7) Trichlorofluoromethane	2.98	101	401361	55.734	ug/l	99
8) Diethyl Ether	3.37	74	98792	44.864	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	155579	48.685	ug/l	98
10) Methyl Iodide	3.91	142	206701	46.595	ug/l	99
11) Tert butyl alcohol	4.74	59	119533	225.751	ug/l	99
12) 1,1-Dichloroethene	3.69	96	157017	45.991	ug/l	96
13) Acrolein	3.57	56	37543	244.031	ug/l	94
14) Allyl chloride	4.28	41	197304	44.205	ug/l	98
15) Acrylonitrile	4.93	53	338263	228.878	ug/l	100
16) Acetone	3.77	43	251385	228.605	ug/l	99
17) Carbon Disulfide	4.01	76	325925	43.391	ug/l	96
18) Methyl Acetate	4.28	43	161414	44.792	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	534935	45.974	ug/l	99
20) Methylene Chloride	4.50	84	177982	49.161	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	178181	46.278	ug/l	96
22) Diisopropyl ether	5.90	45	456731	46.428	ug/l	99
23) Vinyl Acetate	5.84	43	1672246	213.277	ug/l	98
24) 1,1-Dichloroethane	5.80	63	294443	47.200	ug/l	99
25) 2-Butanone	6.78	43	406915	215.685	ug/l	98
26) 2,2-Dichloropropane	6.77	77	270379	47.355	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	210388	48.256	ug/l	100
28) Bromochloromethane	7.15	49	115514	49.307	ug/l	95
29) Tetrahydrofuran	7.16	42	266792	214.452	ug/l	96
30) Chloroform	7.33	83	332603	48.194	ug/l	98
31) Cyclohexane	7.61	56	248682	44.326	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	306931	48.808	ug/l	99
36) 1,1-Dichloropropene	7.75	75	237272	48.530	ug/l	99
37) Ethyl Acetate	6.88	43	181892	46.190	ug/l	98
38) Carbon Tetrachloride	7.73	117	242982	51.523	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	278722	46.251	ug/l	98
40) Benzene	8.00	78	741038	49.123	ug/l	100
41) Methacrylonitrile	7.12	41	73530	40.755	ug/l	95
42) 1,2-Dichloroethane	8.09	62	242917	48.099	ug/l	100
43) Isopropyl Acetate	8.13	43	317407	44.802	ug/l	97
44) Trichloroethene	8.80	130	230373	49.691	ug/l	98
45) 1,2-Dichloropropane	9.09	63	174234	48.640	ug/l	98
46) Dibromomethane	9.18	93	133063	48.435	ug/l	99
47) Bromodichloromethane	9.37	83	268397	49.311	ug/l	99
48) Methyl methacrylate	9.17	41	137661	43.187	ug/l	96
49) 1,4-Dioxane	9.16	88	51639	1045.741	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	915650	229.347	ug/l	99
52) Toluene	10.12	92	496648	50.442	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	286602	48.879	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	306903	48.679	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	194393	49.556	ug/l	97
56) Ethyl methacrylate	10.40	69	270428	49.351	ug/l	96
57) 1,3-Dichloropropane	10.68	76	309394	49.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	533685	227.905	ug/l	100
59) 2-Hexanone	10.72	43	648212	226.074	ug/l	98
60) Dibromochloromethane	10.87	129	226769	50.850	ug/l	99
61) 1,2-Dibromoethane	10.98	107	208016	50.845	ug/l	98
64) Tetrachloroethene	10.60	164	256846	51.151	ug/l	100
65) Chlorobenzene	11.41	112	546031	49.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	203950	49.399	ug/l	98
67) Ethyl Benzene	11.48	91	953122	49.733	ug/l	99
68) m/p-Xylenes	11.59	106	753599	99.173	ug/l	99
69) o-Xylene	11.92	106	359803	49.852	ug/l	99
70) Styrene	11.94	104	608471	50.908	ug/l	99
71) Bromoform	12.10	173	161322	50.708	ug/l #	100
73) Isopropylbenzene	12.22	105	959506	47.555	ug/l	99
74) N-amyl acetate	12.04	43	283920	44.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	244865	43.307	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	328832	65.415	ug/l #	100
77) Bromobenzene	12.50	156	250317	48.602	ug/l	97
78) n-propylbenzene	12.56	91	1065789	47.316	ug/l	100
79) 2-Chlorotoluene	12.65	91	620069	46.166	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	793578	47.057	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	83605	42.532	ug/l	97
82) 4-Chlorotoluene	12.75	91	651219	46.088	ug/l	99
83) tert-Butylbenzene	12.97	119	688387	46.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	804657	48.029	ug/l	98
85) sec-Butylbenzene	13.15	105	887185	46.207	ug/l	99
86) p-Isopropyltoluene	13.27	119	827872	46.820	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	444282	48.714	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	448860	48.311	ug/l	99
89) n-Butylbenzene	13.59	91	678093	45.786	ug/l	99
90) Hexachloroethane	13.85	117	99778	51.025	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	423163	48.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46880	40.654	ug/l	92

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Response via : Initial Calibration

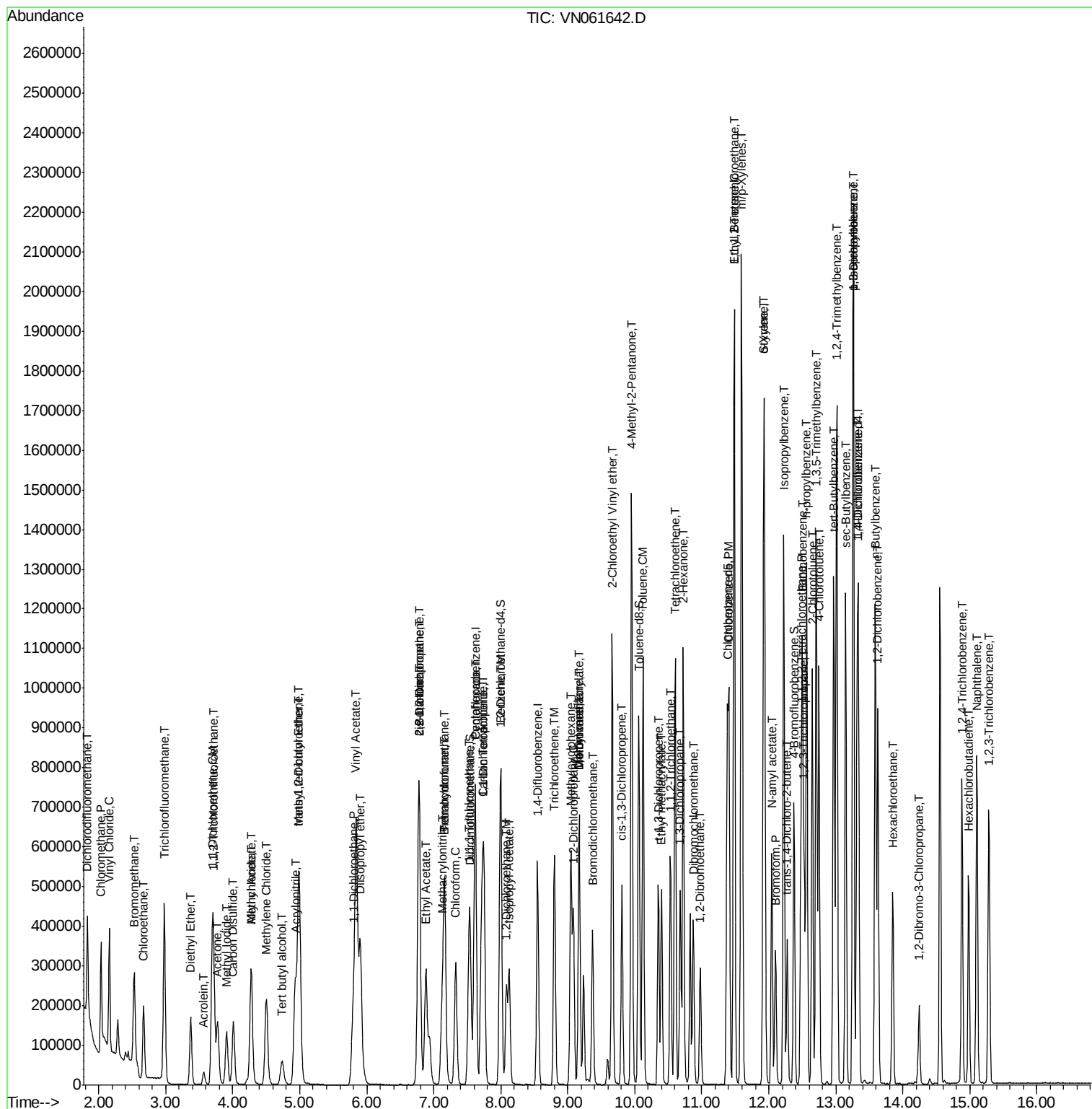
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	249433	48.934	ug/l	100
94) Hexachlorobutadiene	14.98	225	94136	43.302	ug/l	99
95) Naphthalene	15.10	128	742966	47.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	240576	48.003	ug/l	98

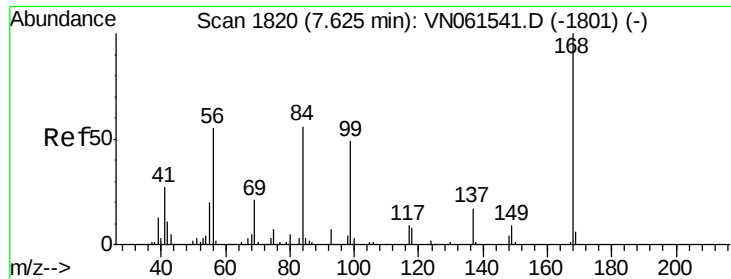
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

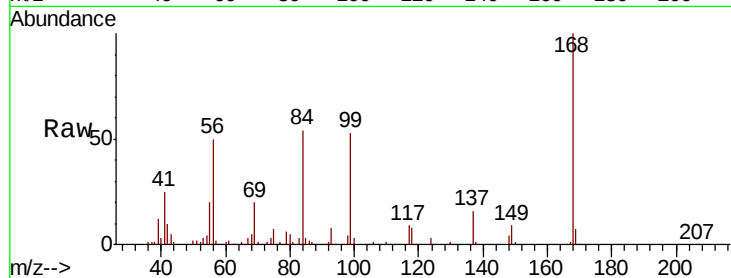
VSTDCCC050EC

Tot Ion:168 Resp: 334117

Ion Ratio Lower Upper

168 100

99 53.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

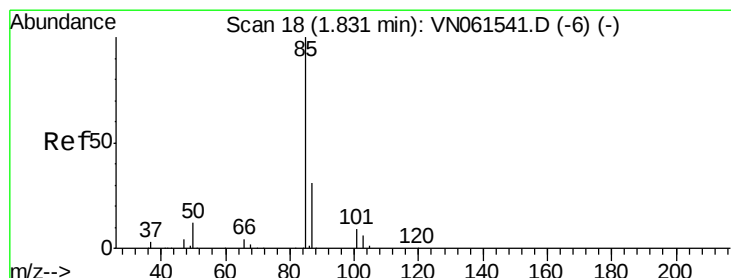
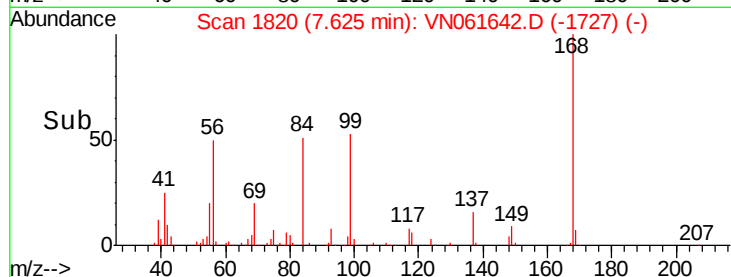
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.425 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061642.D

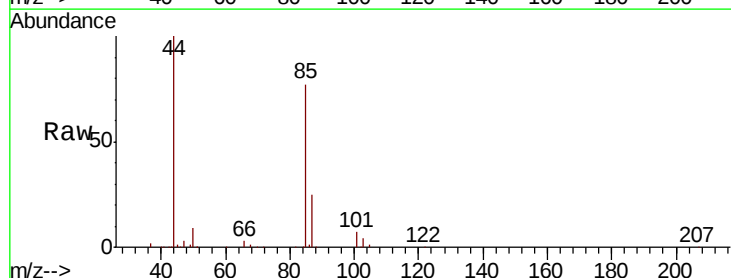
Acq: 3 Jun 2020 17:02

Tgt Ion: 85 Resp: 182718

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

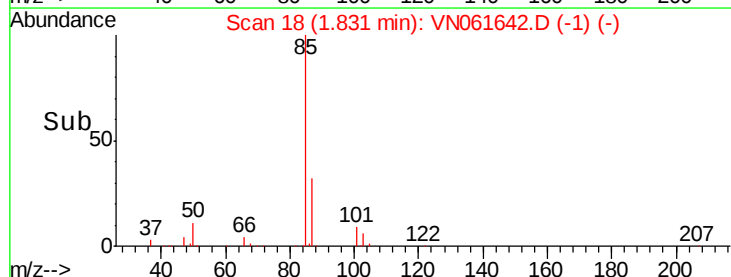
100000

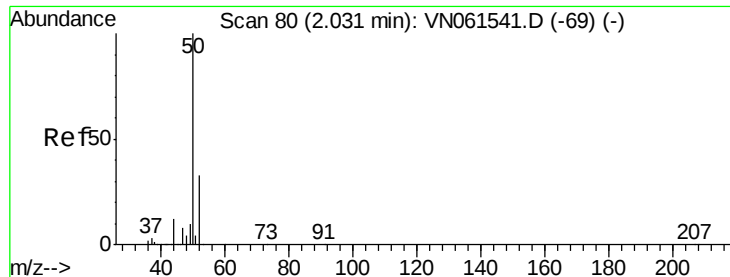
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.072 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

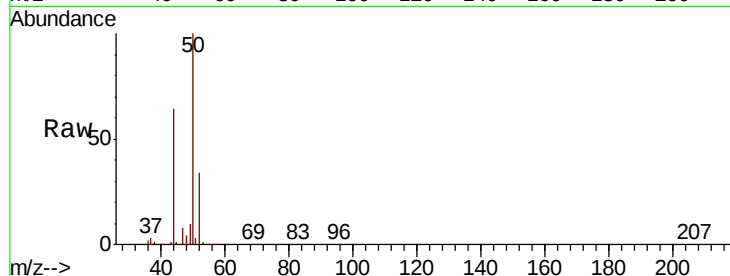
VSTDCCC050EC

Tot Ion: 50 Resp: 191825

Ion Ratio Lower Upper

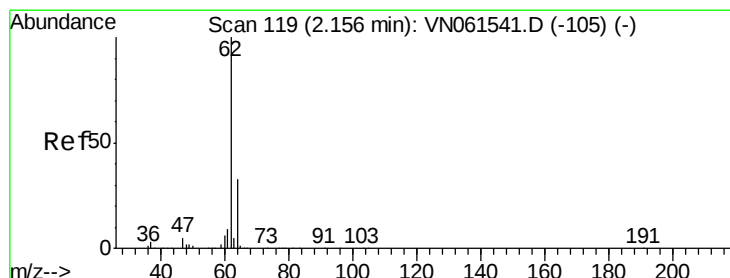
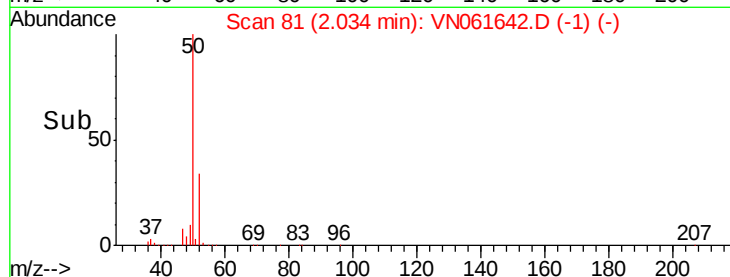
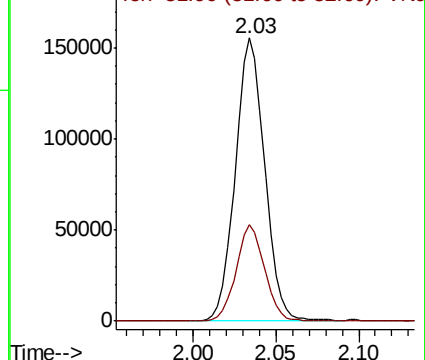
50 100

52 34.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.913 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061642.D

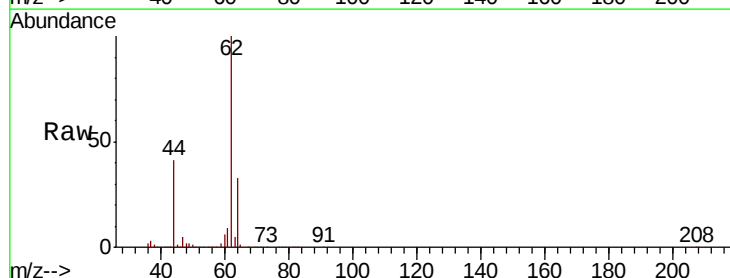
Acq: 3 Jun 2020 17:02

Tgt Ion: 62 Resp: 267565

Ion Ratio Lower Upper

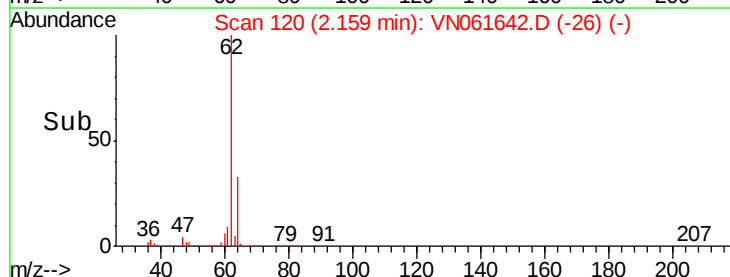
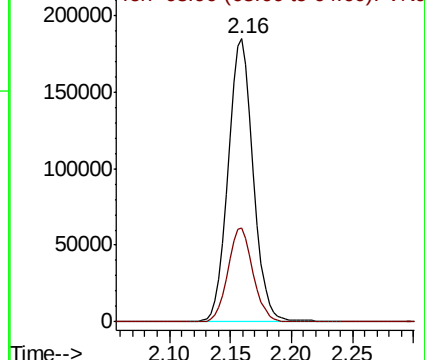
62 100

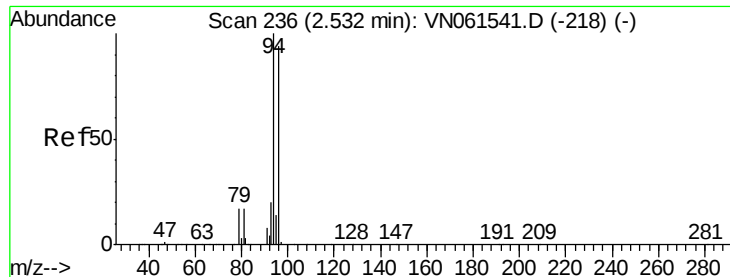
64 33.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.628 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

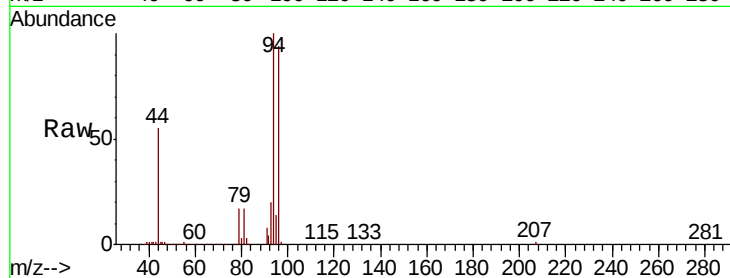
VSTDCCC050EC

Tot Ion: 94 Resp: 162234

Ion Ratio Lower Upper

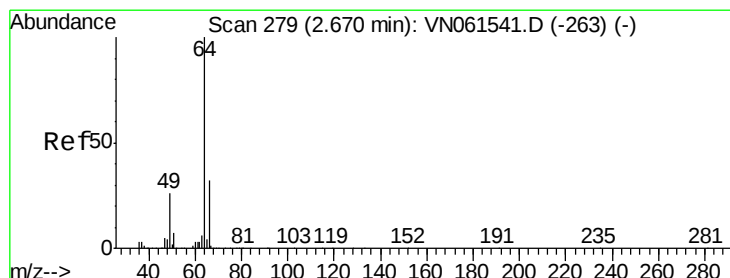
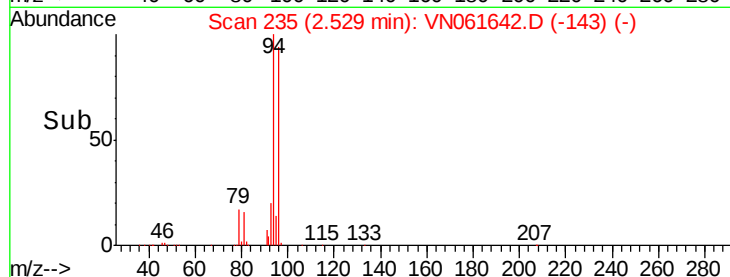
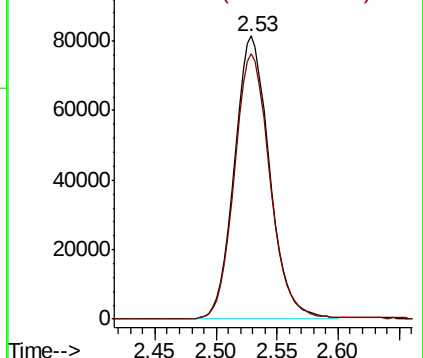
94 100

96 93.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.750 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061642.D

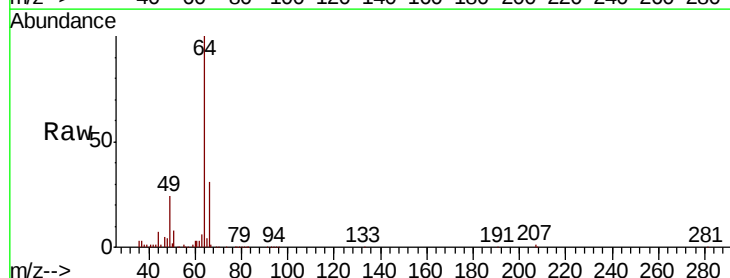
Acq: 3 Jun 2020 17:02

Tgt Ion: 64 Resp: 171639

Ion Ratio Lower Upper

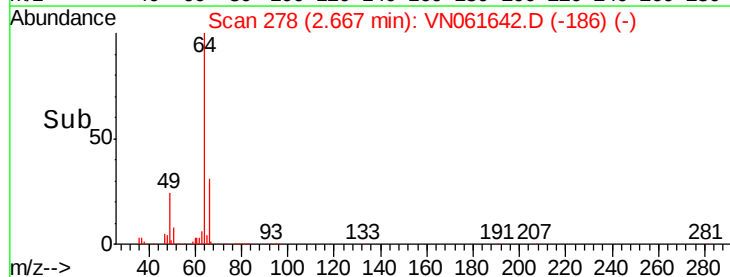
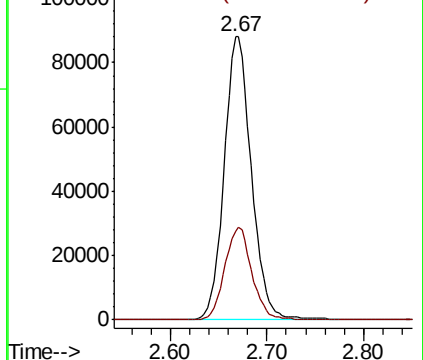
64 100

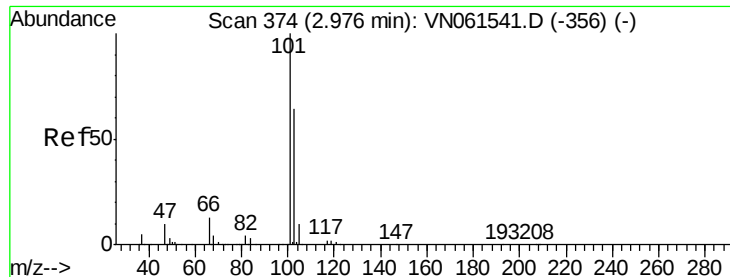
66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



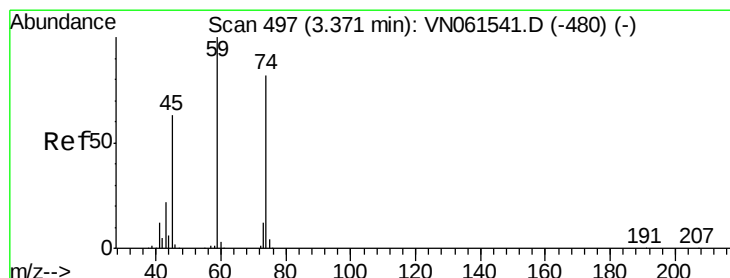
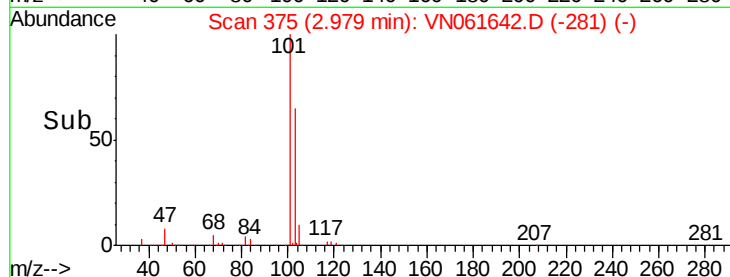
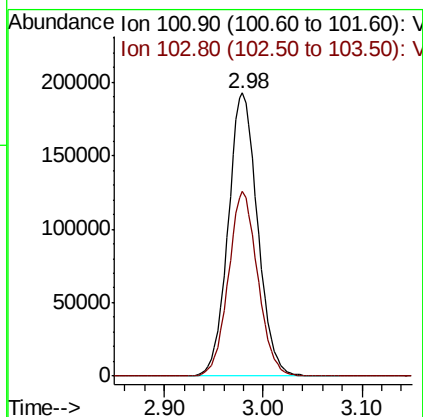
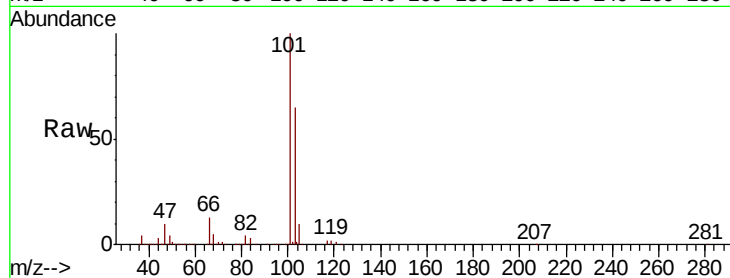


#7

Trichlorofluoromethane
Concen: 55.734 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

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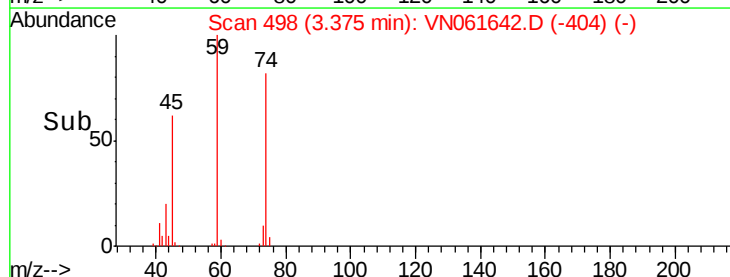
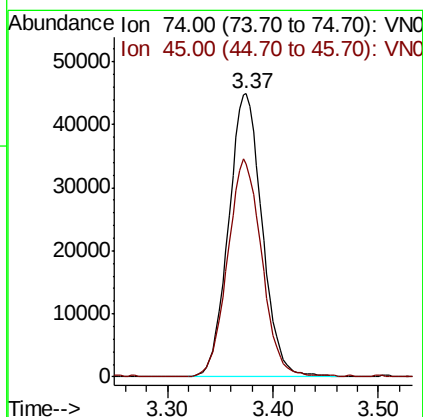
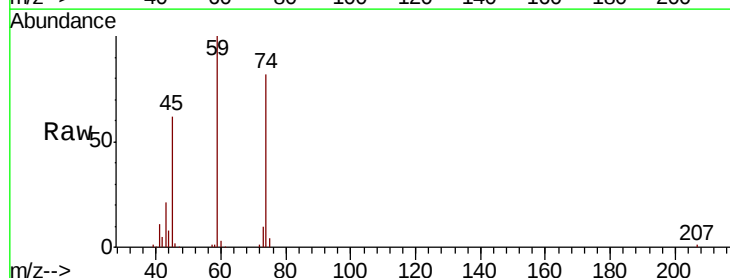
Tot Ion:101 Resp: 401361
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

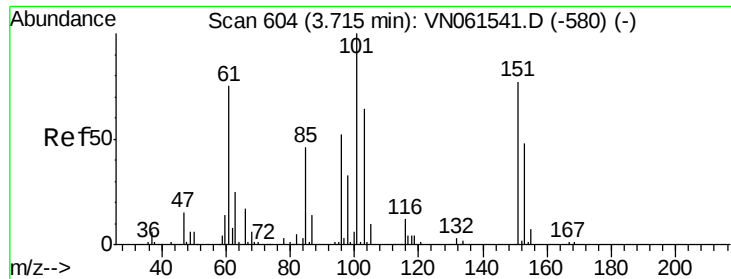


#8

Diethyl Ether
Concen: 44.864 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 74 Resp: 98792
Ion Ratio Lower Upper
74 100
45 78.4 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.685 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061642.D

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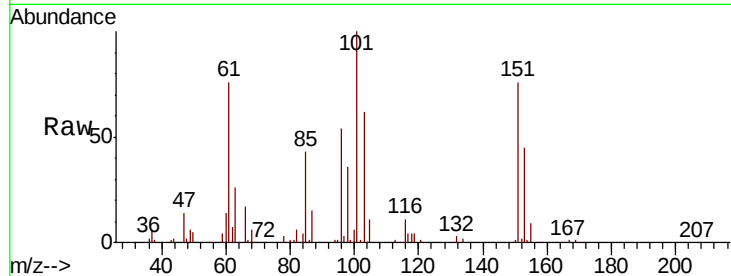
Tot Ion:101 Resp: 155579

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

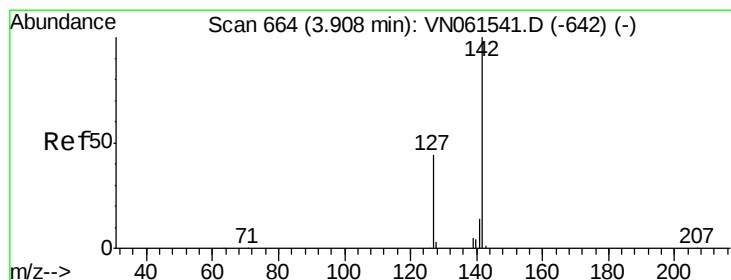
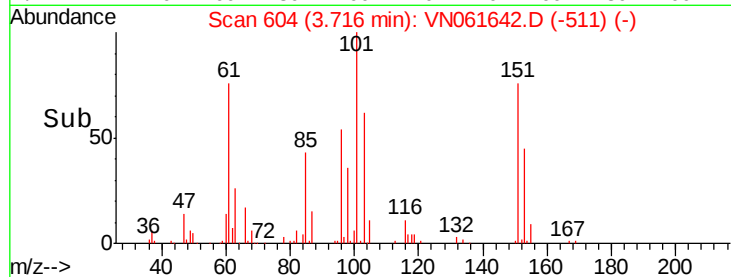
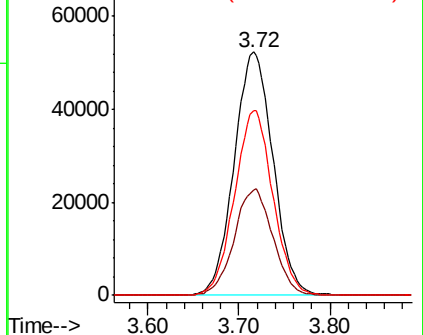
151 74.7 61.0 91.6



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: 46.595 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

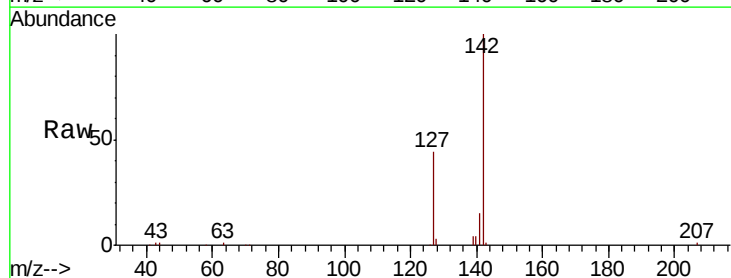
Tgt Ion:142 Resp: 206701

Ion Ratio Lower Upper

142 100

127 44.9 35.5 53.3

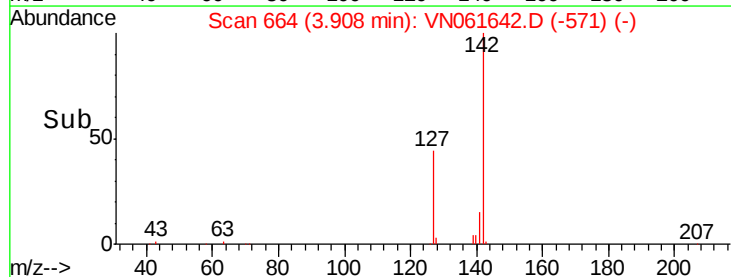
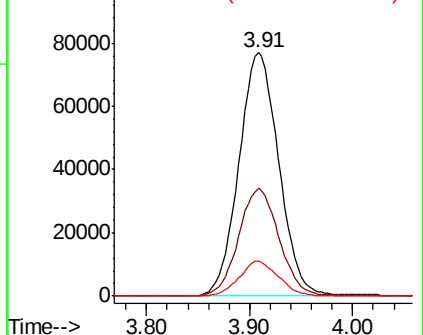
141 14.3 11.5 17.3

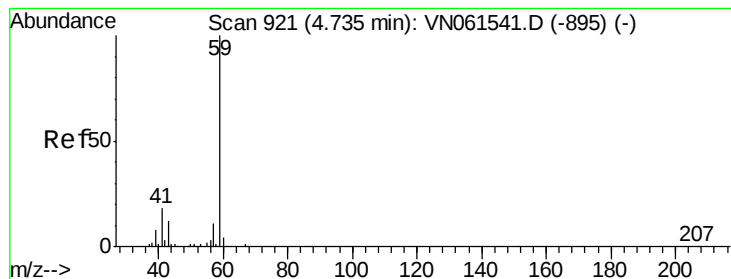


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



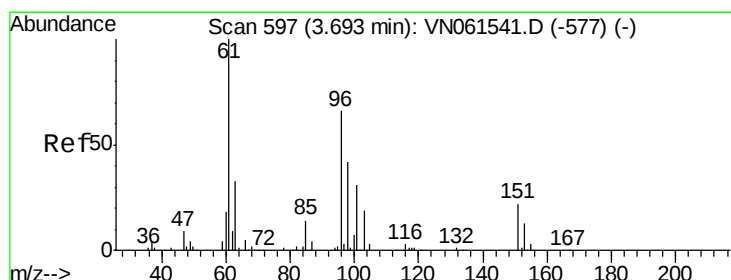
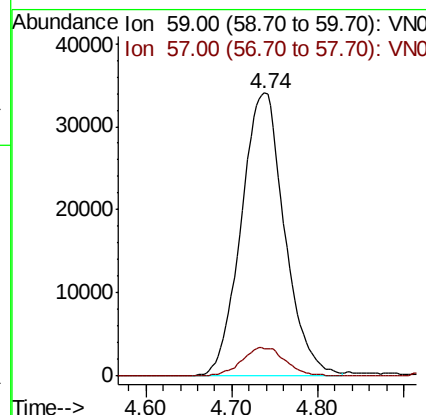
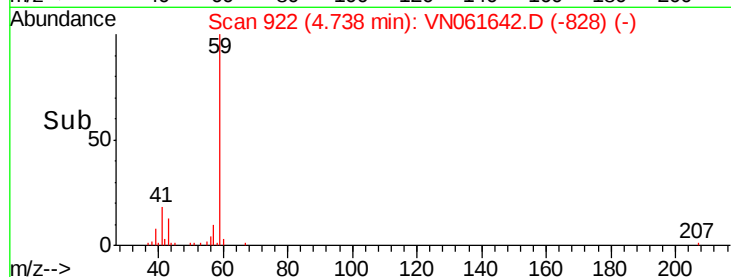
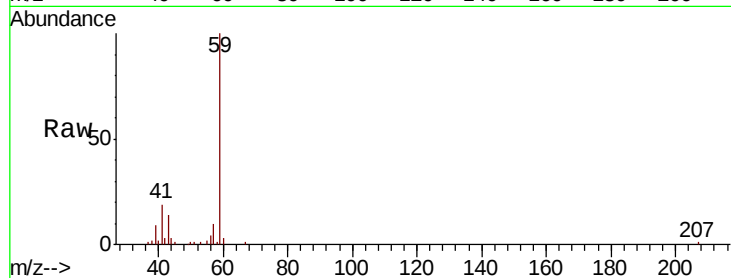


#11

Tert butyl alcohol
Concen: 225.751 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

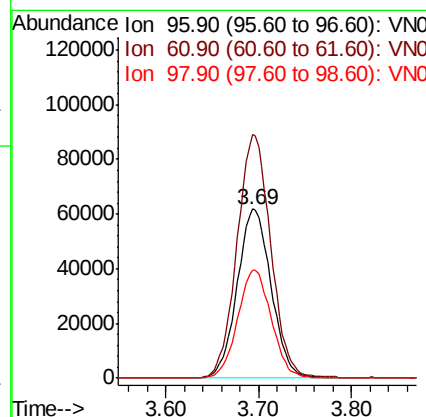
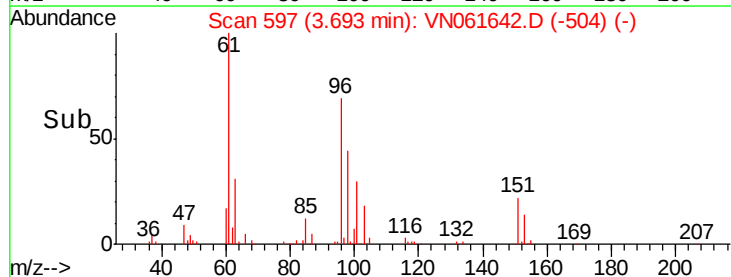
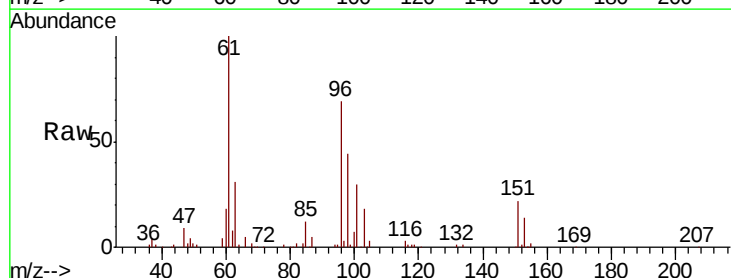
Tot Ion: 59 Resp: 119533
Ion Ratio Lower Upper
59 100
57 10.0 8.4 12.6

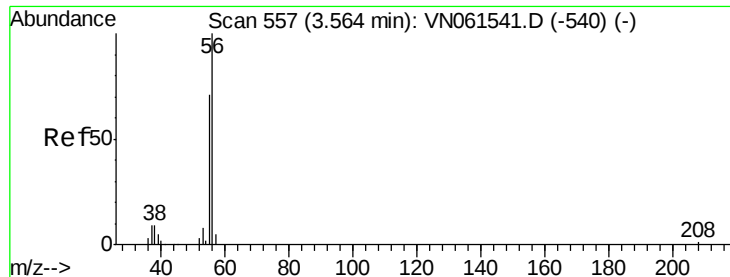


#12

1,1-Dichloroethene
Concen: 45.991 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 96 Resp: 157017
Ion Ratio Lower Upper
96 100
61 144.0 120.5 180.7
98 63.6 50.8 76.2





#13

Acrolein

Concen: 244.031 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

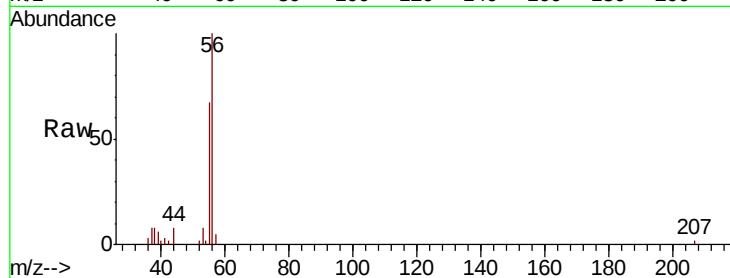
VSTDCCC050EC

Tot Ion: 56 Resp: 37543

Ion Ratio Lower Upper

56 100

55 67.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.57

15000

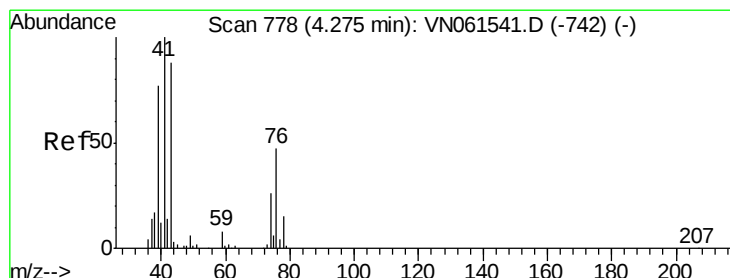
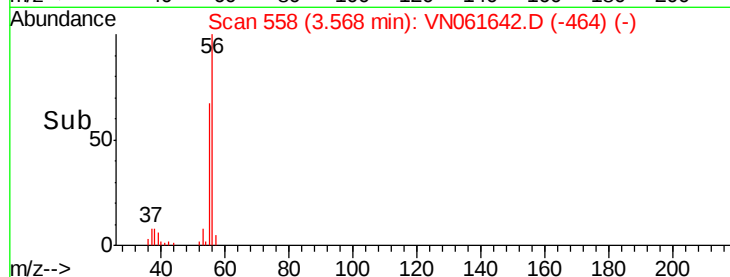
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 44.205 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

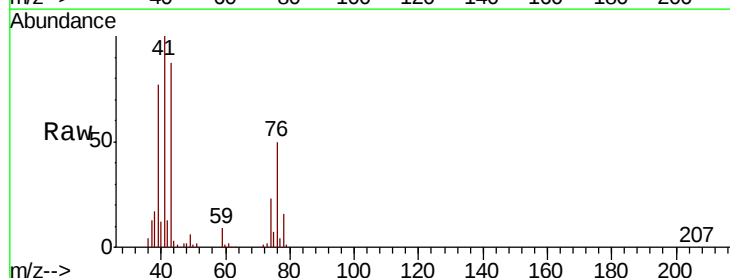
Tgt Ion: 41 Resp: 197304

Ion Ratio Lower Upper

41 100

39 72.7 58.6 88.0

76 45.8 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.28

80000

60000

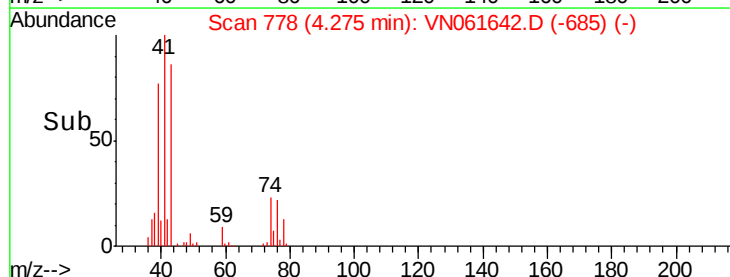
40000

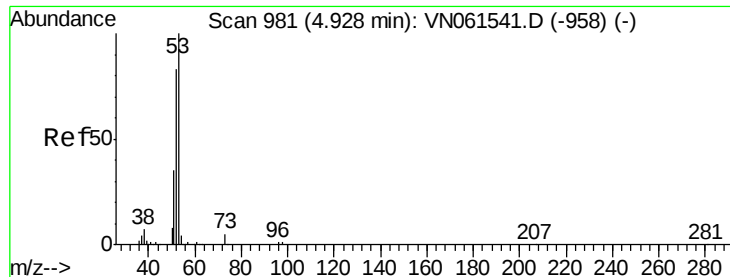
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 228.878 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

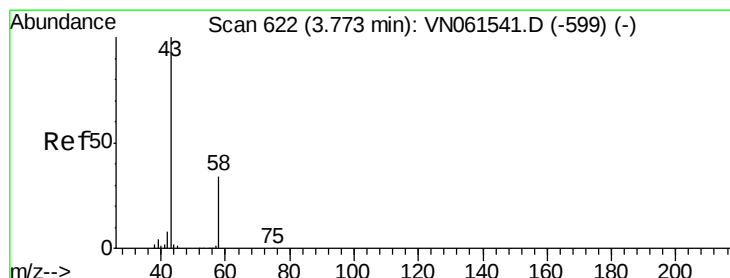
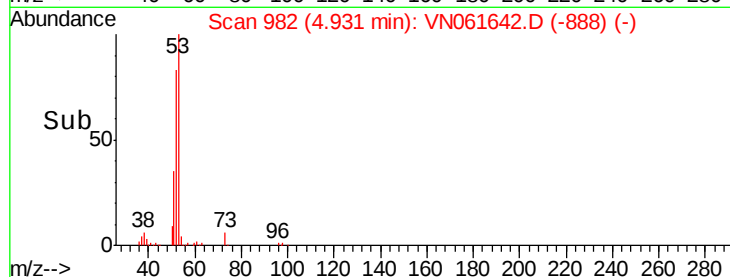
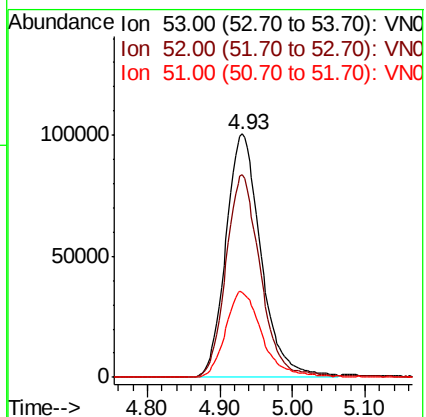
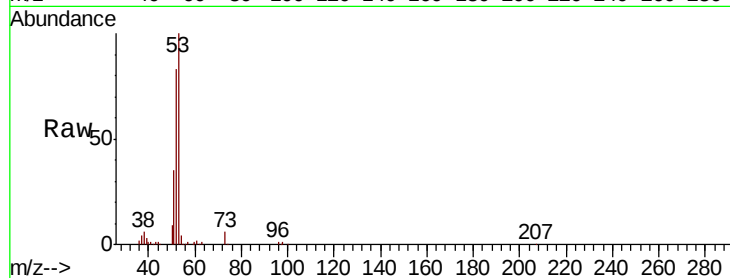
Tot Ion: 53 Resp: 338263

Ion Ratio Lower Upper

53 100

52 81.6 65.4 98.2

51 36.8 29.0 43.6



#16

Acetone

Concen: 228.605 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061642.D

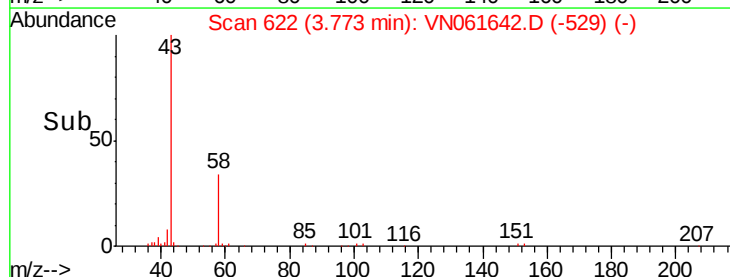
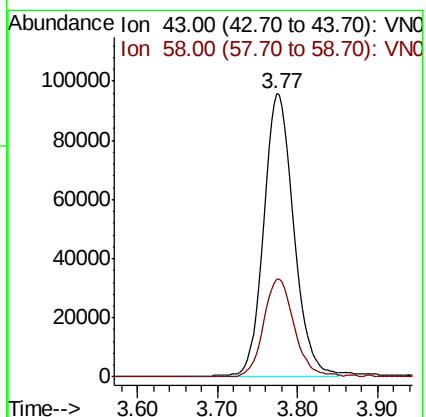
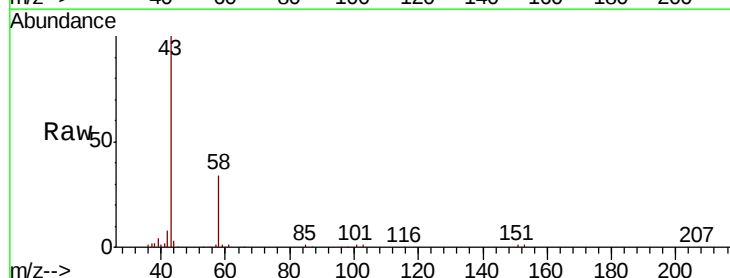
Acq: 3 Jun 2020 17:02

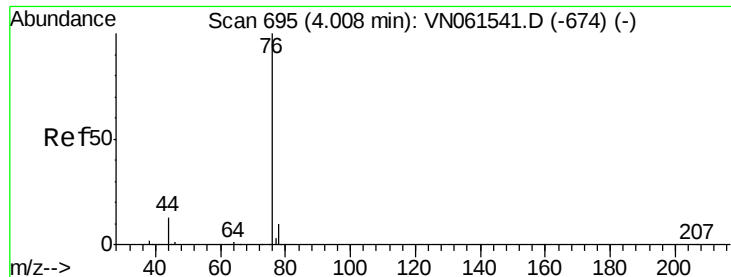
Tgt Ion: 43 Resp: 251385

Ion Ratio Lower Upper

43 100

58 34.3 27.2 40.8

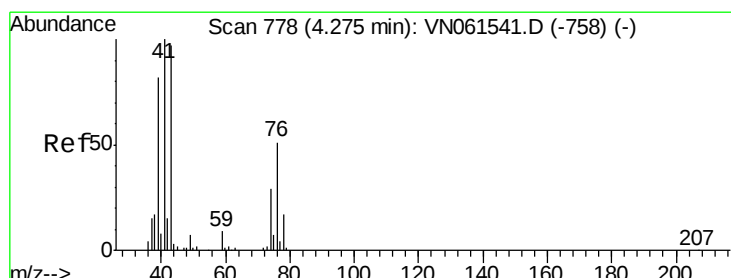
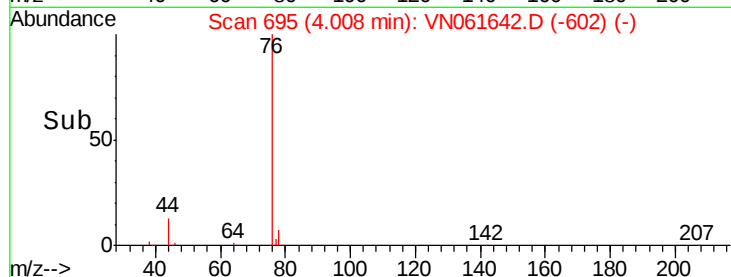
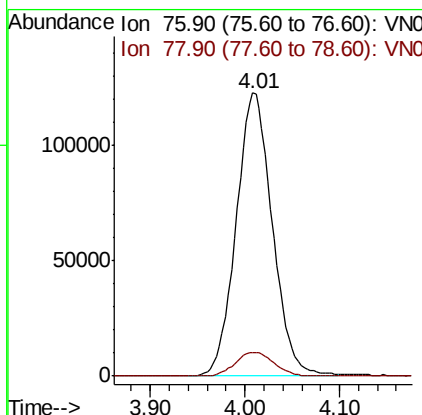
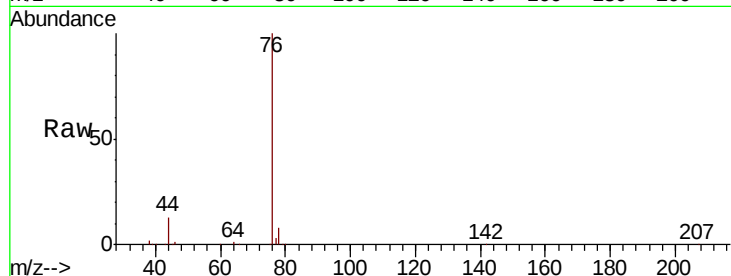




#17
Carbon Disulfide
Concen: 43.391 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

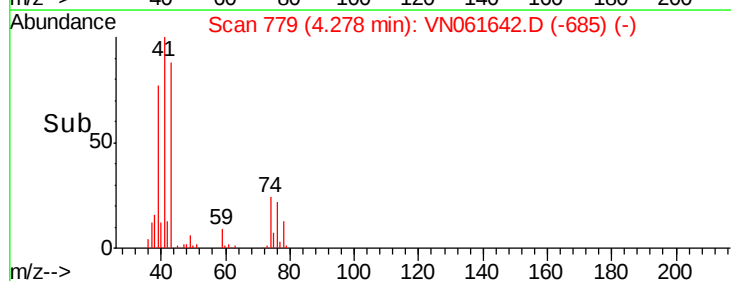
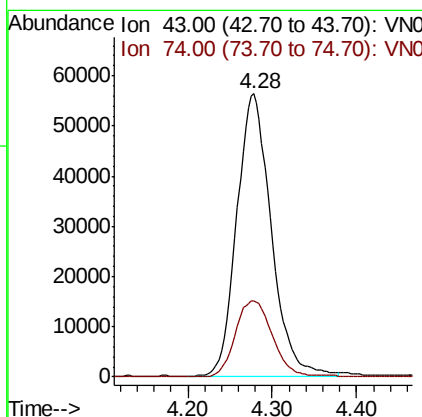
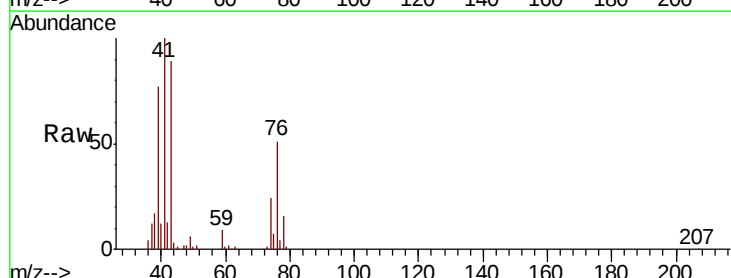
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

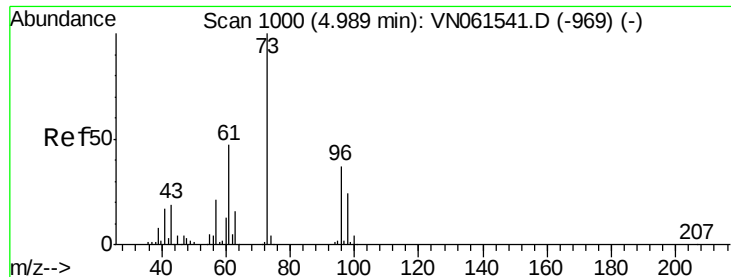
Tot Ion: 76 Resp: 325925
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6



#18
Methyl Acetate
Concen: 44.792 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 43 Resp: 161414
Ion Ratio Lower Upper
43 100
74 28.6 23.2 34.8

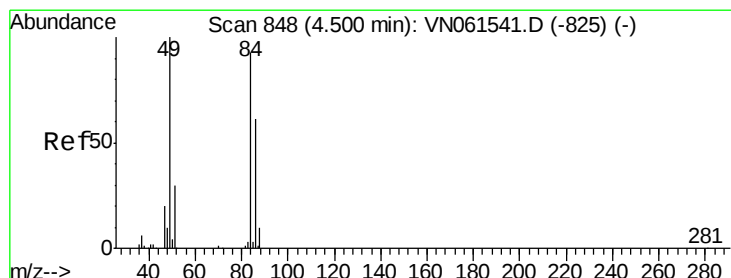
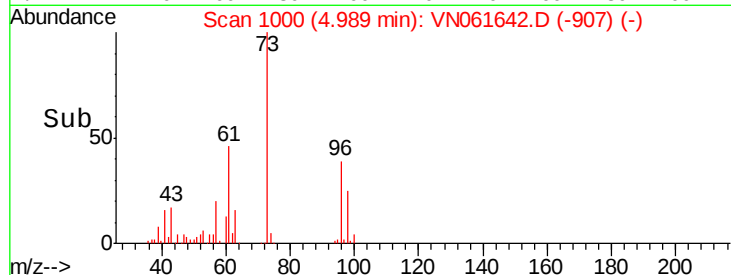
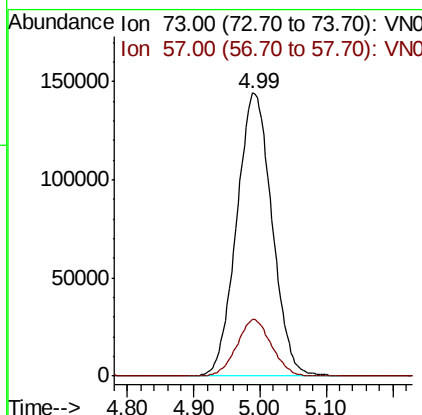
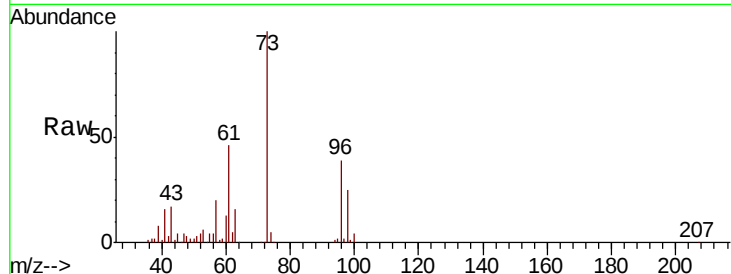




#19
Methvl tert-butvl Ether
Concen: 45.974 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

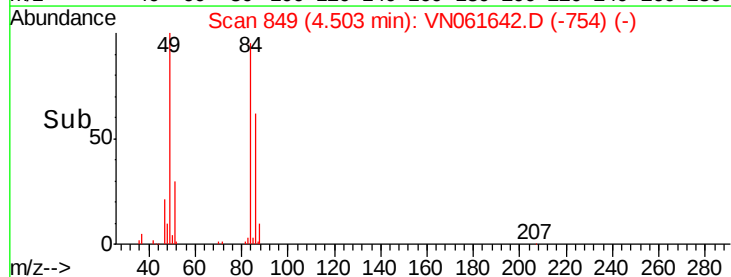
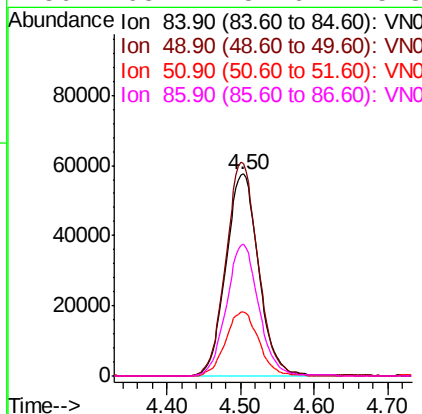
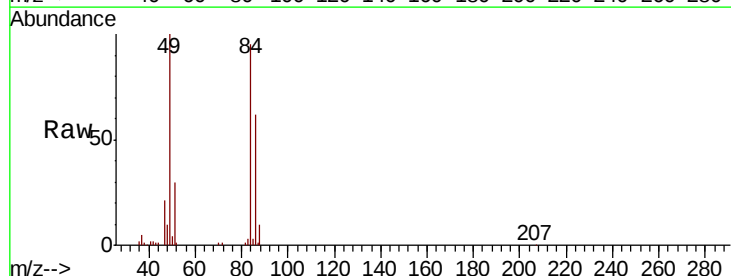
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

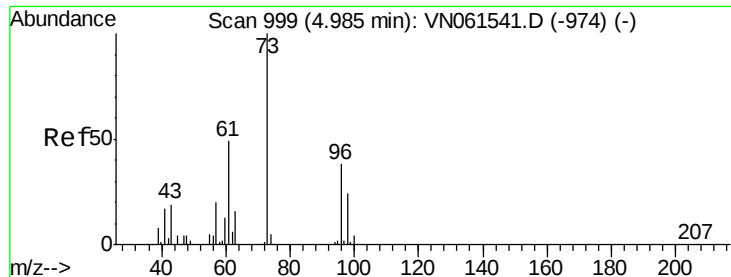
Tot Ion: 73 Resp: 534935
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 49.161 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 84 Resp: 177982
Ion Ratio Lower Upper
84 100
49 105.1 85.8 128.8
51 31.8 26.2 39.2
86 65.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.278 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

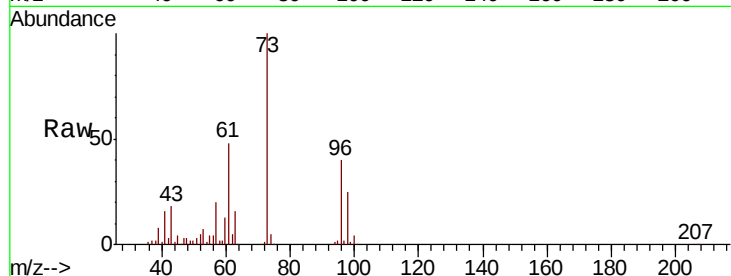
Tot Ion: 96 Resp: 178181

Ion Ratio Lower Upper

96 100

61 119.5 101.4 152.0

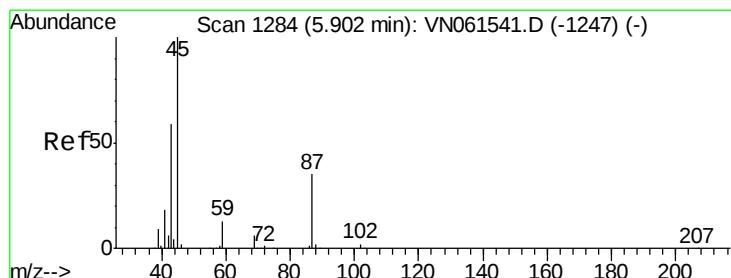
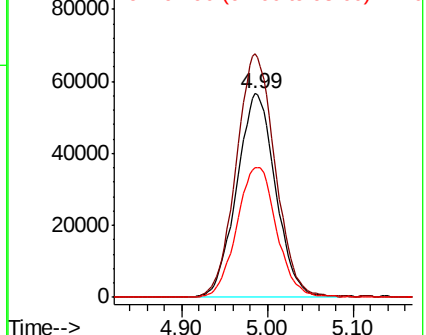
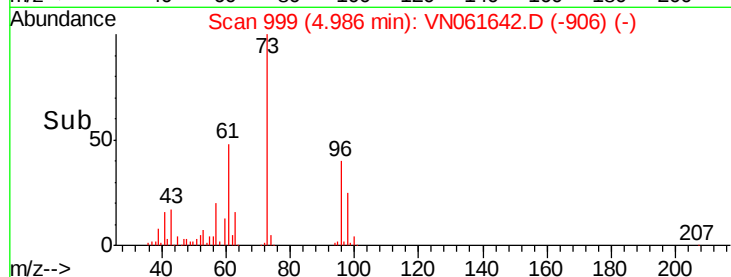
98 63.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061642.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061642.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061642.D (-906) (-)



#22

Diisopropyl ether

Concen: 46.428 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion: 45 Resp: 456731

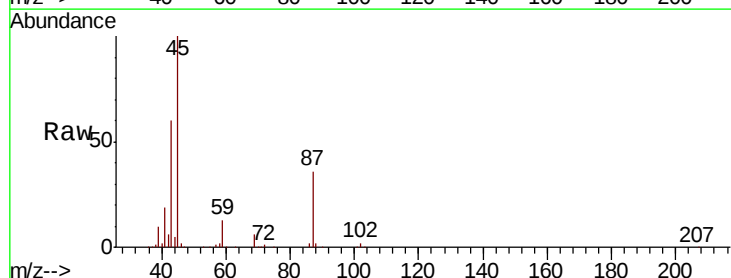
Ion Ratio Lower Upper

45 100

43 58.2 47.9 71.9

87 35.8 28.4 42.6

59 13.0 10.5 15.7

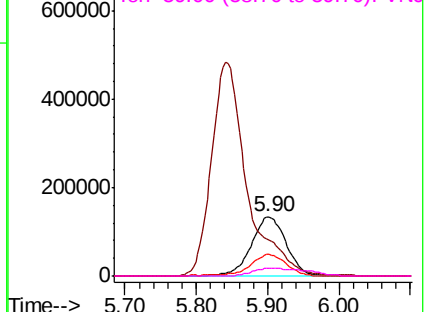
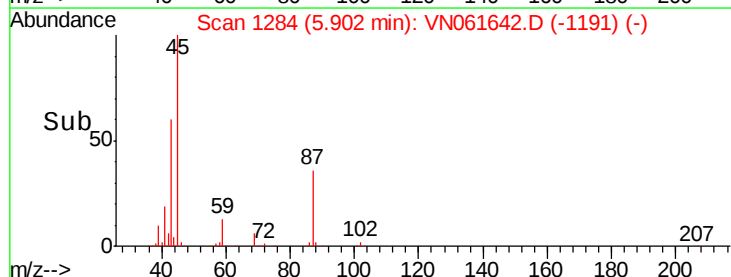


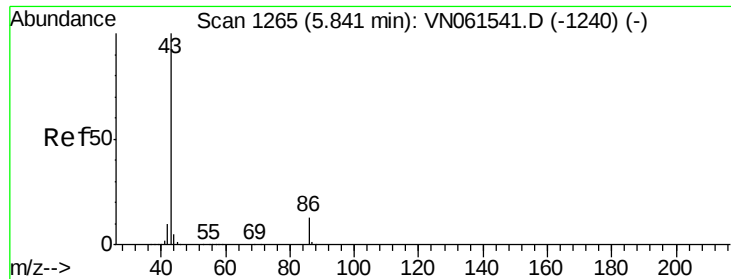
Abundance Ion 45.00 (44.70 to 45.70): VN061642.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061642.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061642.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061642.D (-1191) (-)

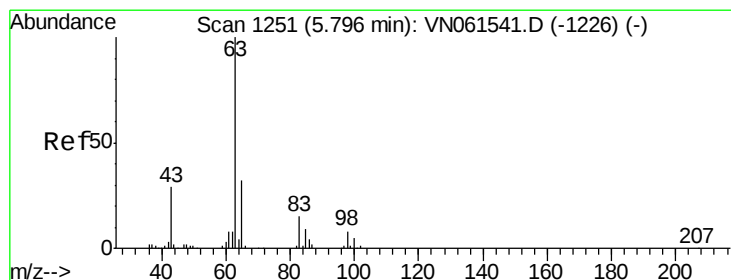
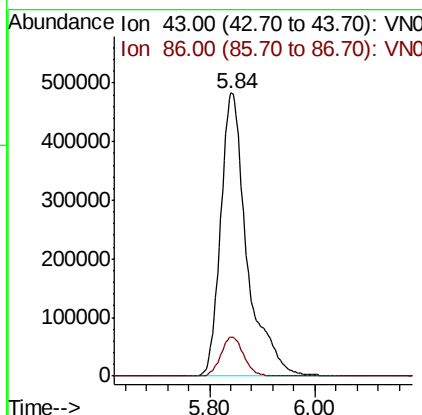
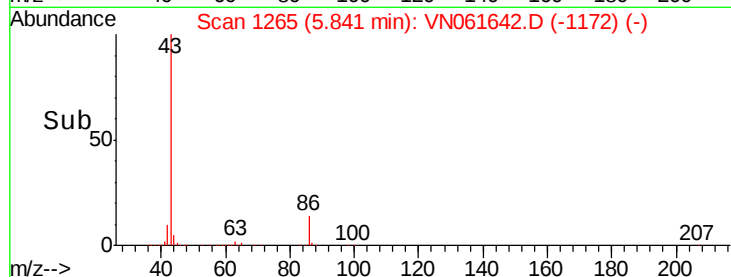
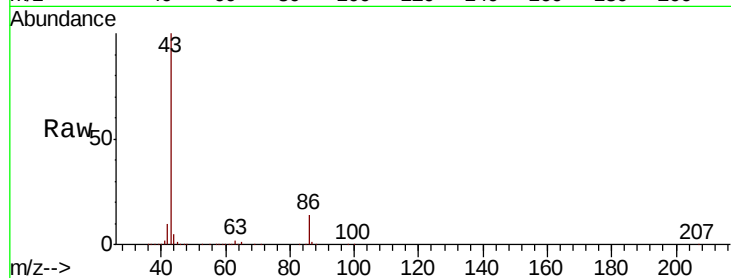




#23
 Vinyl Acetate
 Concen: 213.277 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

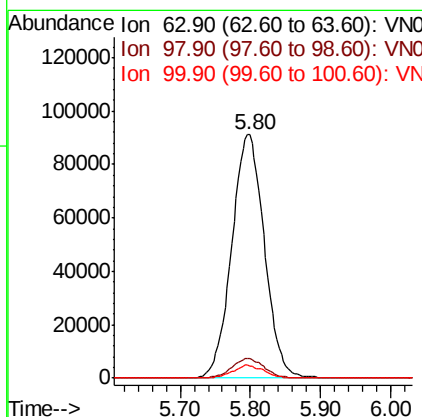
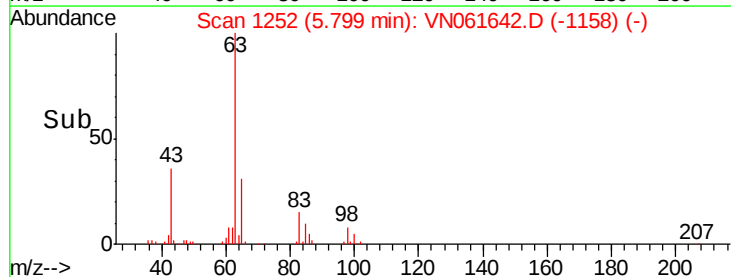
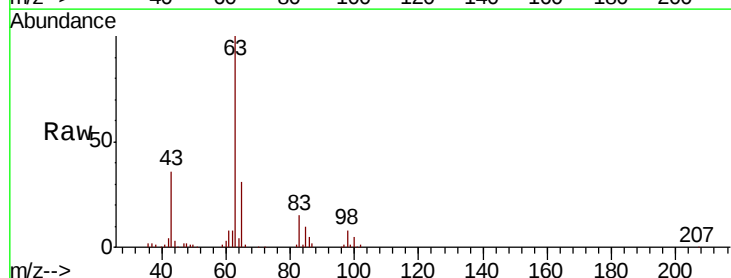
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

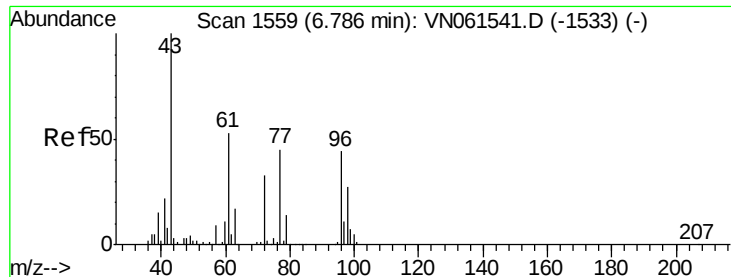
Tot Ion: 43 Resp: 1672246
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 47.200 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 63 Resp: 294443
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 5.2 2.5 7.6

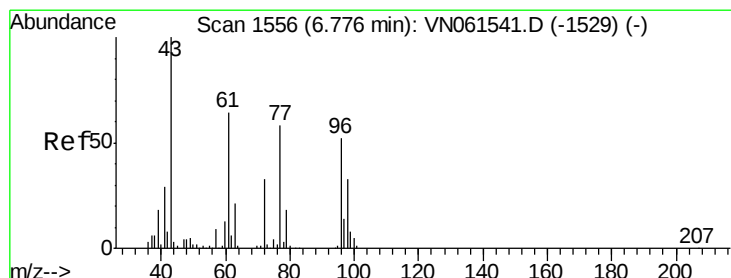
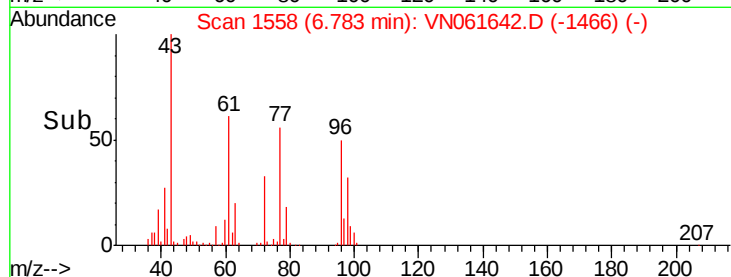
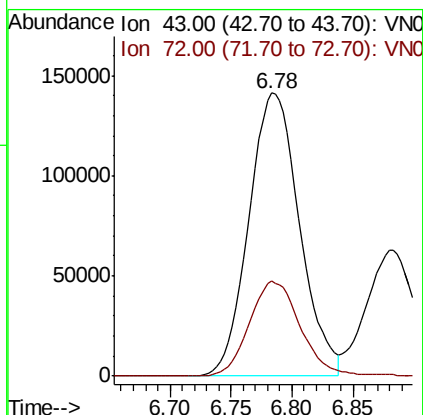
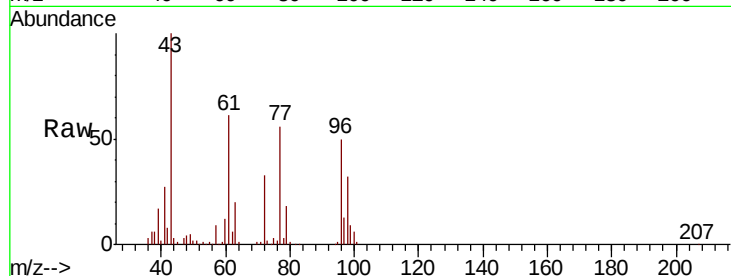




#25
2-Butanone
Concen: 215.685 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

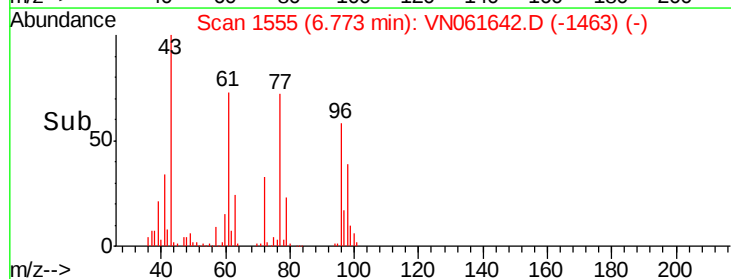
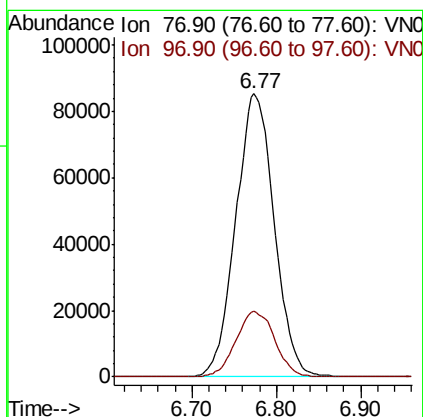
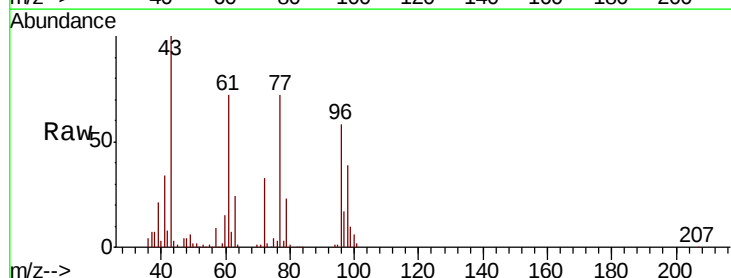
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

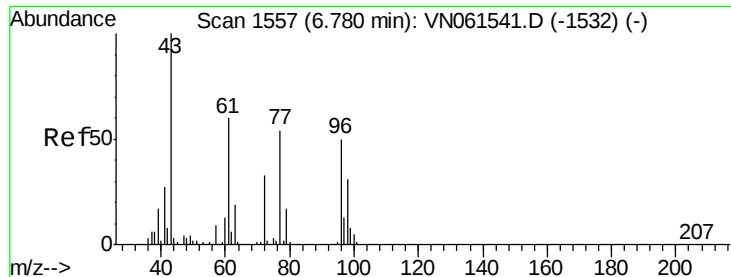
Tot Ion: 43 Resp: 406915
Ion Ratio Lower Upper
43 100
72 33.4 26.0 39.0



#26
2,2-Dichloropropane
Concen: 47.355 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 77 Resp: 270379
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.256 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

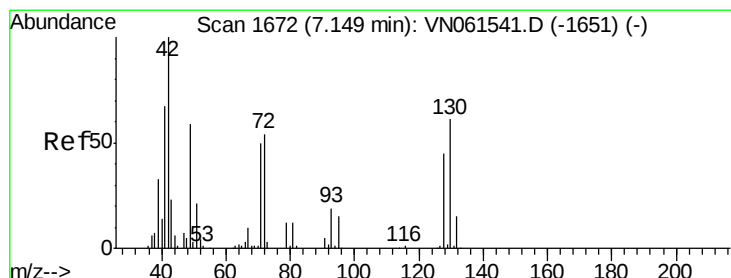
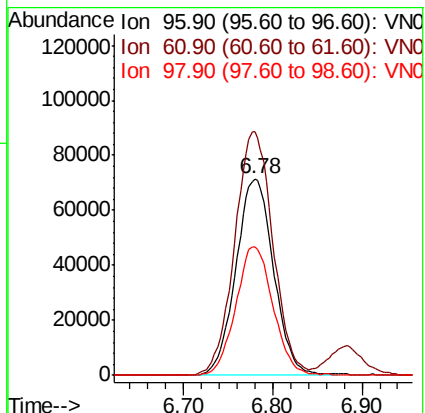
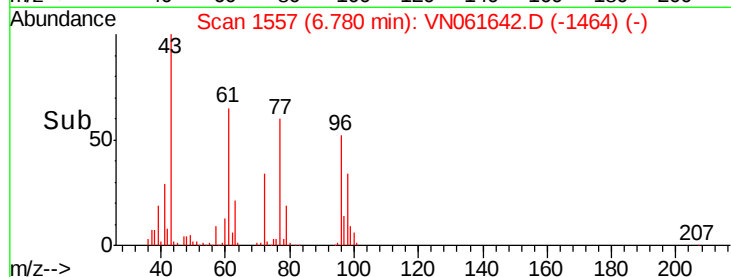
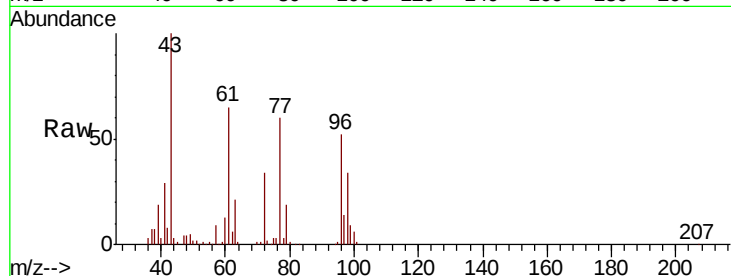
Tot Ion: 96 Resp: 210388

Ion Ratio Lower Upper

96 100

61 125.3 0.0 252.2

98 64.6 0.0 129.2



#28

Bromochloromethane

Concen: 49.307 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

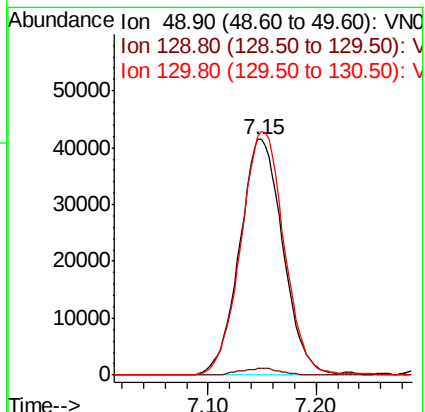
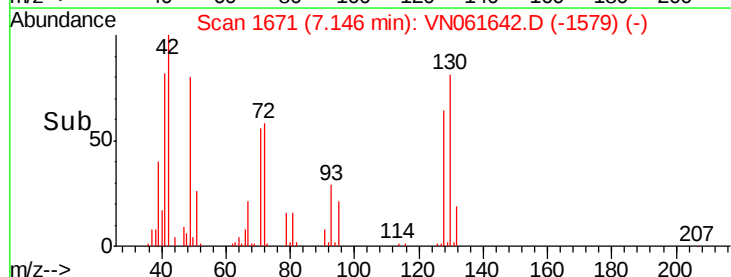
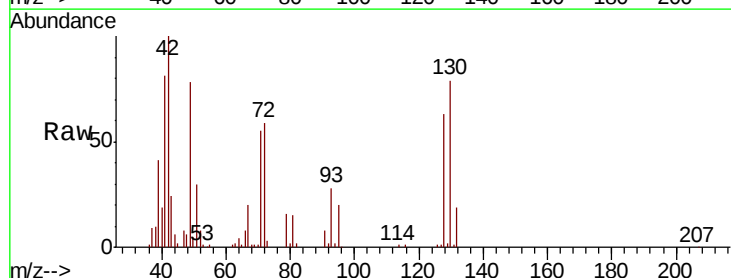
Tgt Ion: 49 Resp: 115514

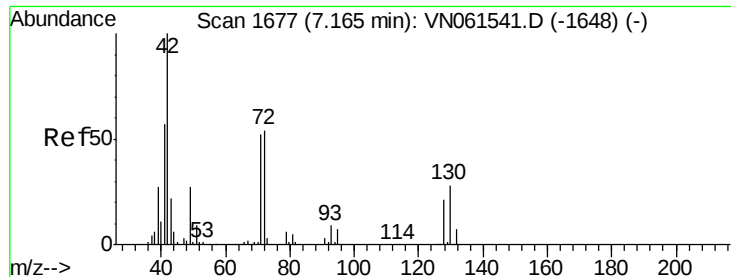
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 103.3 78.8 118.2

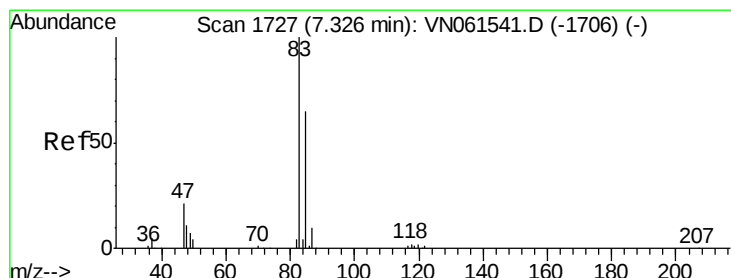
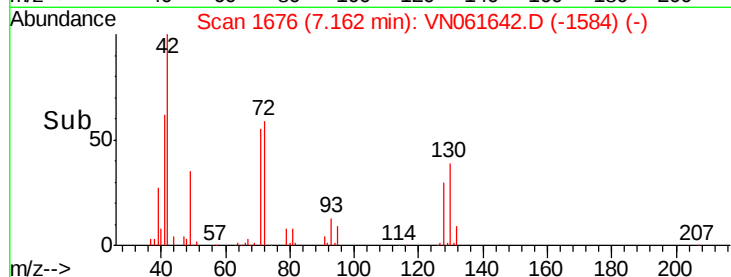
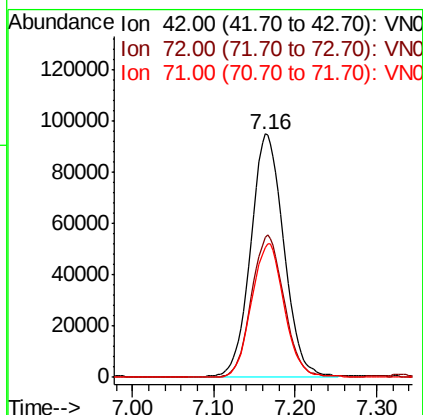
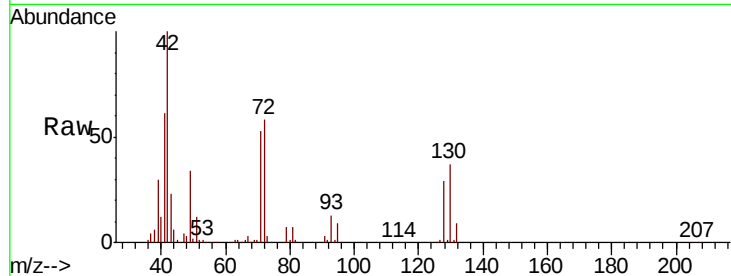




#29
Tetrahydrofuran
Concen: 214.452 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

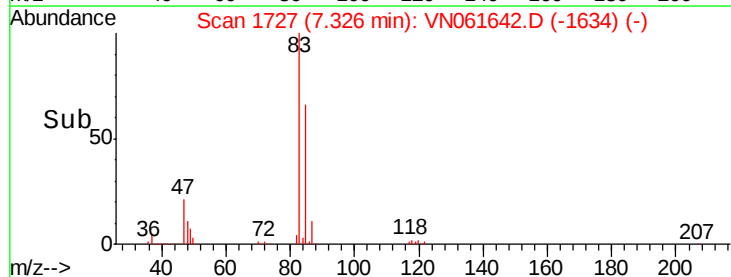
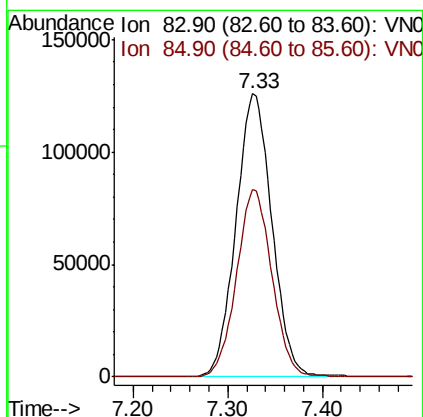
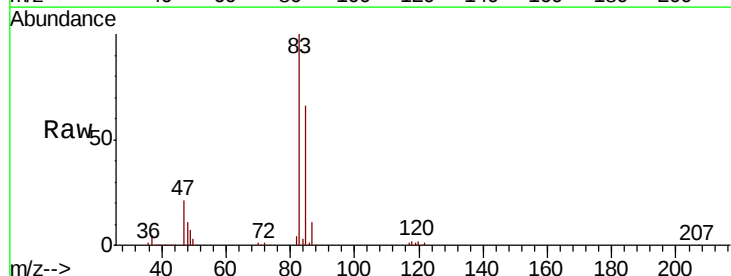
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

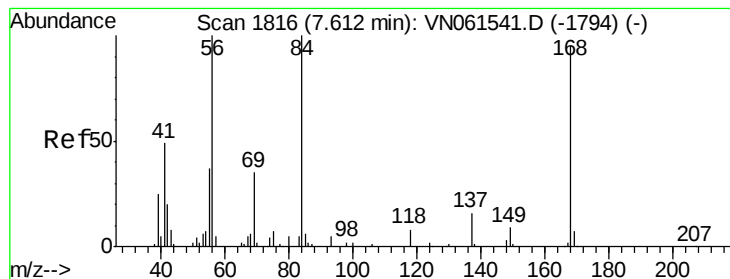
Tot Ion: 42 Resp: 266792
Ion Ratio Lower Upper
42 100
72 57.2 43.6 65.4
71 54.3 41.2 61.8



#30
Chloroform
Concen: 48.194 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 83 Resp: 332603
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5





#31

Cyclohexane

Concen: 44.326 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

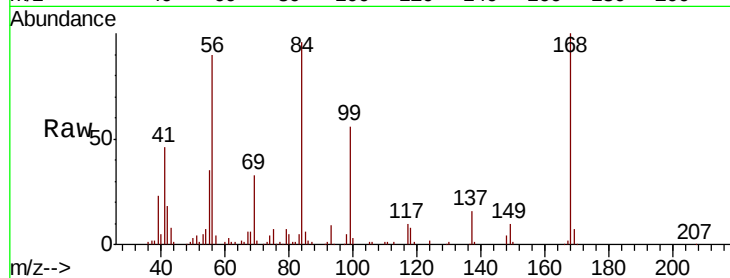
Tot Ion: 56 Resp: 248682

Ion Ratio Lower Upper

56 100

69 36.3 27.8 41.8

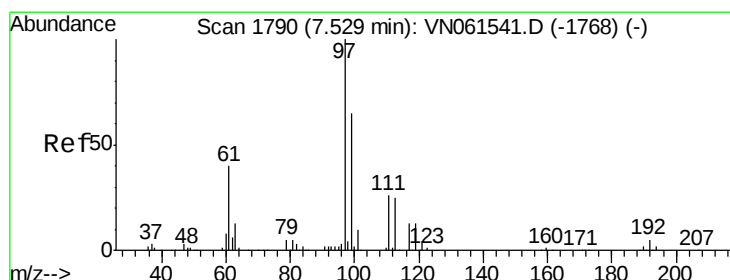
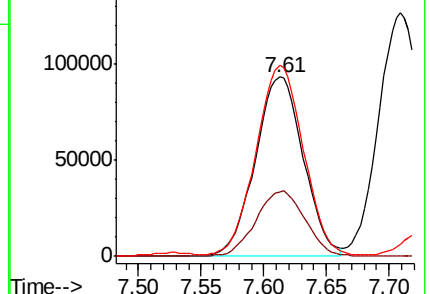
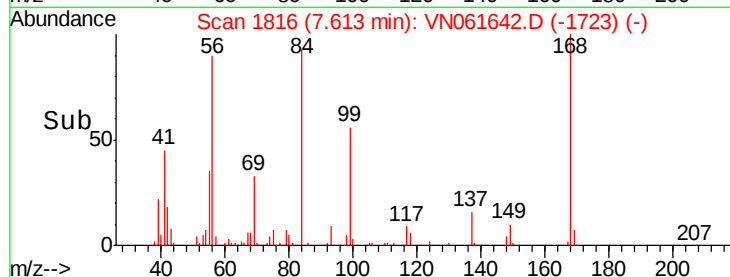
84 105.4 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061642.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061642.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061642.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 48.808 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

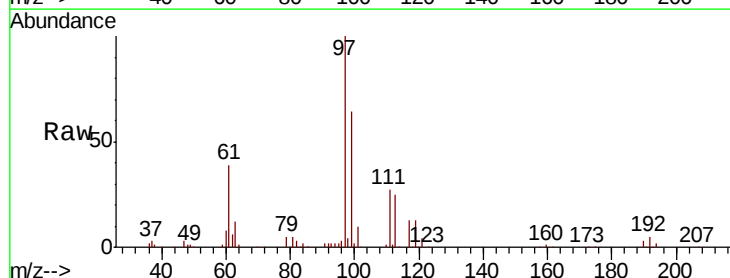
Tgt Ion: 97 Resp: 306931

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

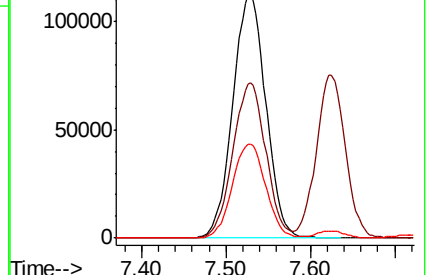
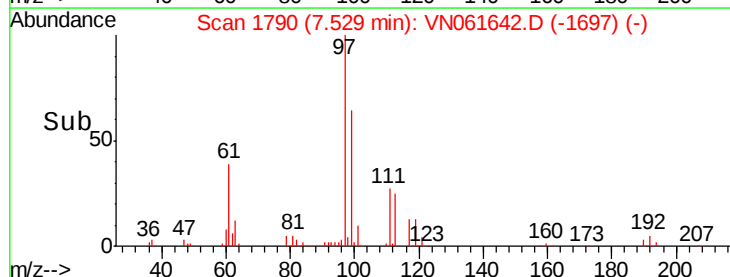
61 39.0 31.4 47.0

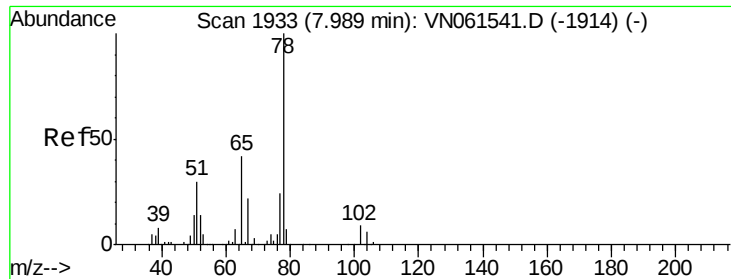


Abundance Ion 96.90 (96.60 to 97.60): VN061642.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061642.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061642.D (-1697) (-)

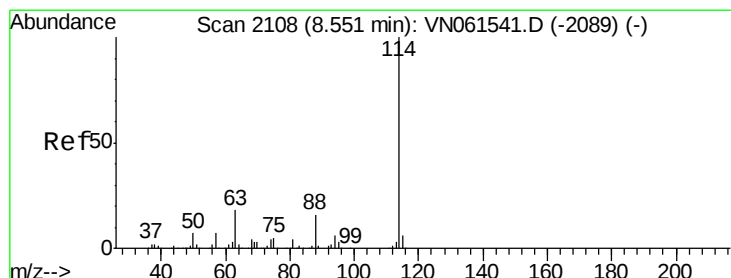
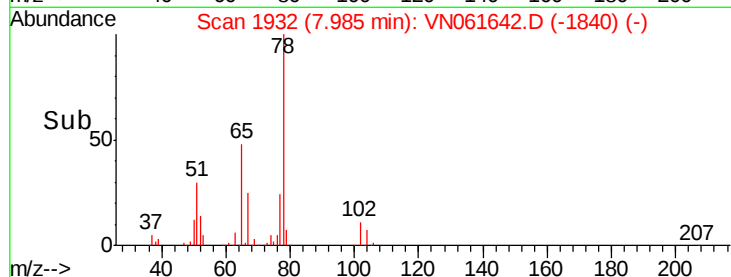
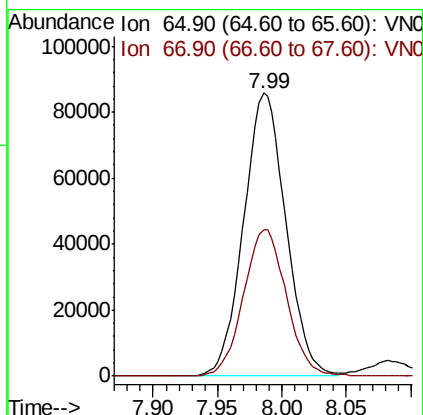
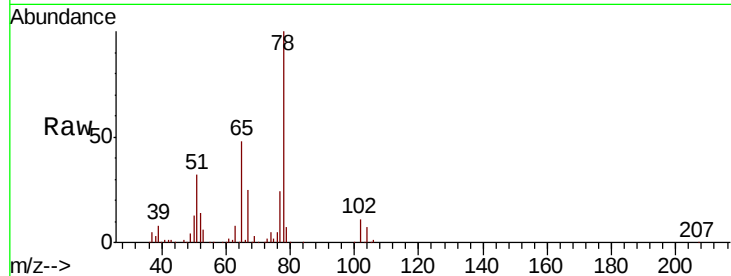




#33
 1,2-Dichloroethane-d4
 Concen: 49.249 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

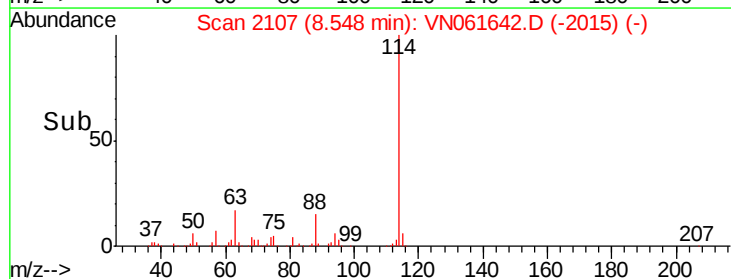
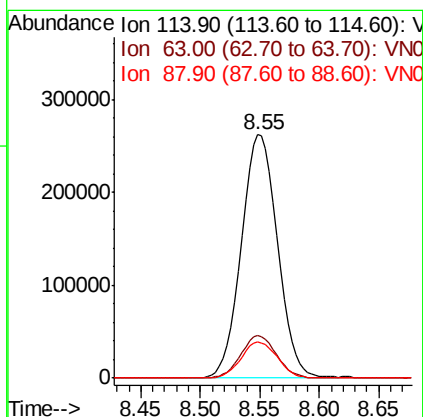
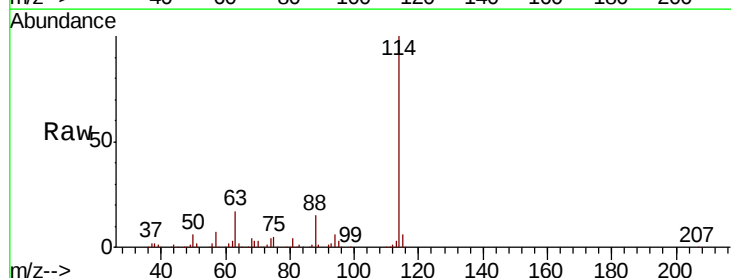
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

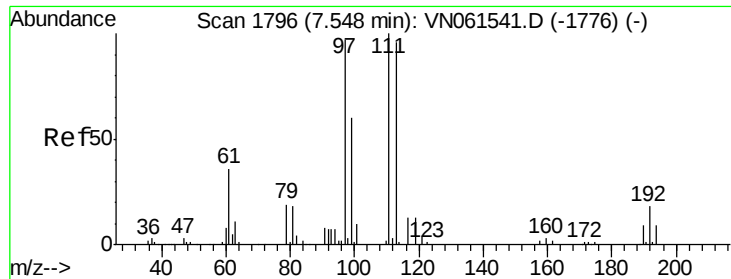
Tot Ion: 65 Resp: 196052
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 114 Resp: 552287
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.9 0.0 31.0

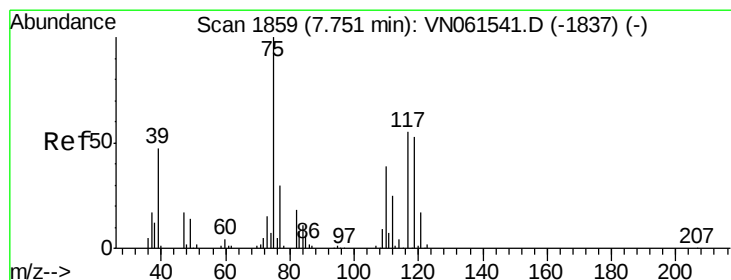
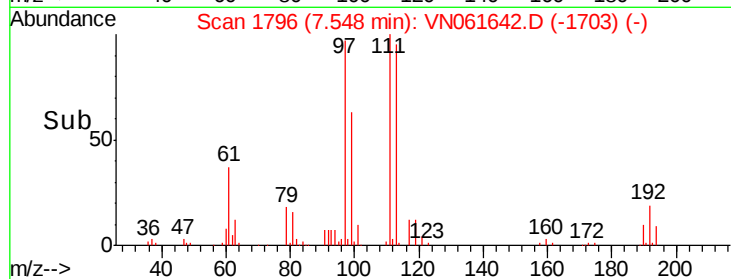
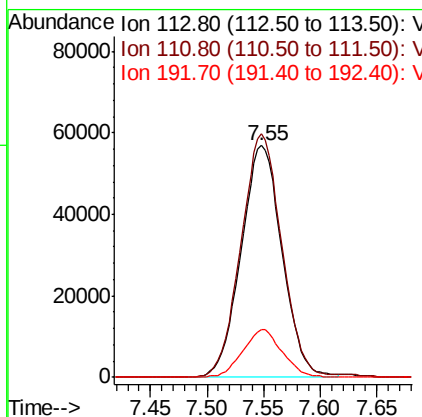
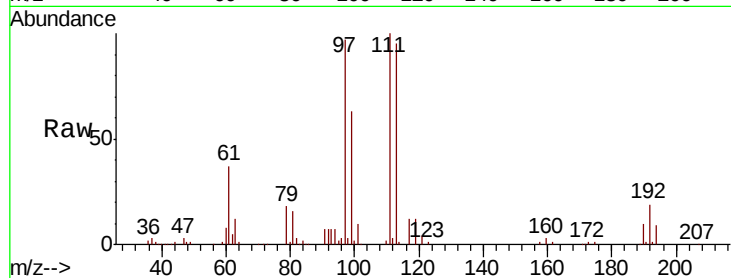




#35
 Dibromofluoromethane
 Concen: 51.204 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

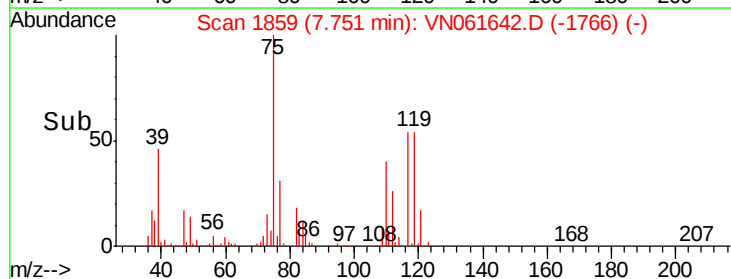
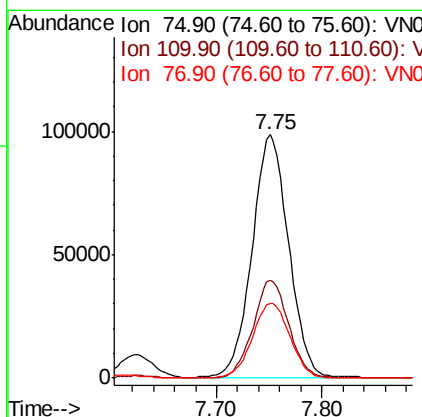
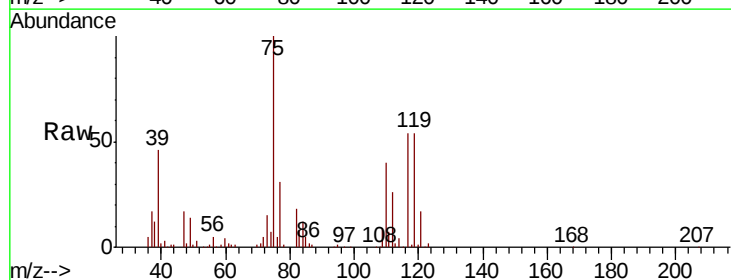
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

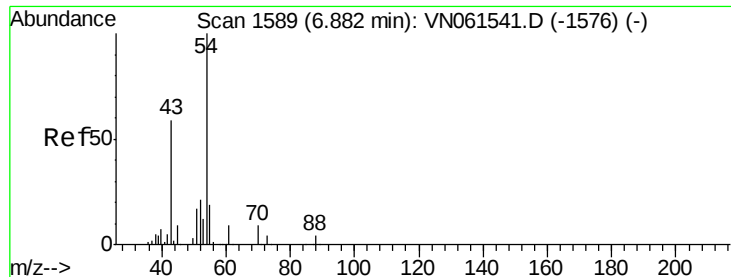
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.4	125.0
192	19.8	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 48.530 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.5	58.5
77	31.8	24.7	37.1

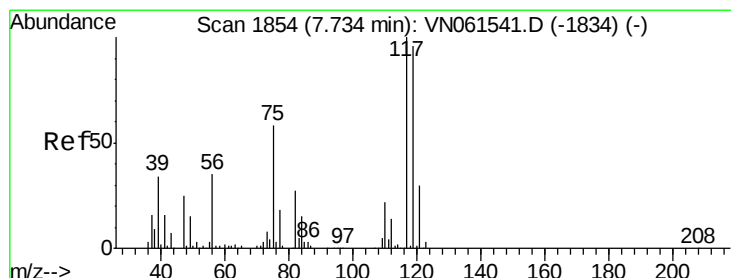
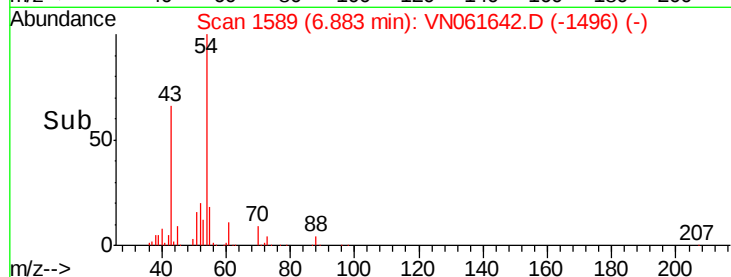
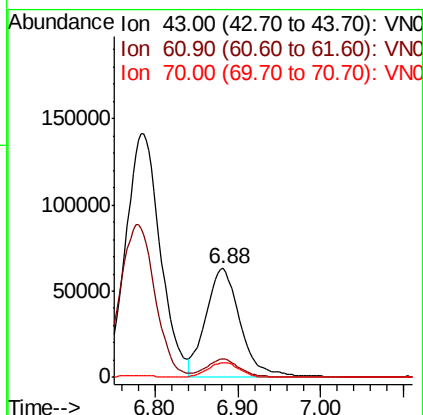
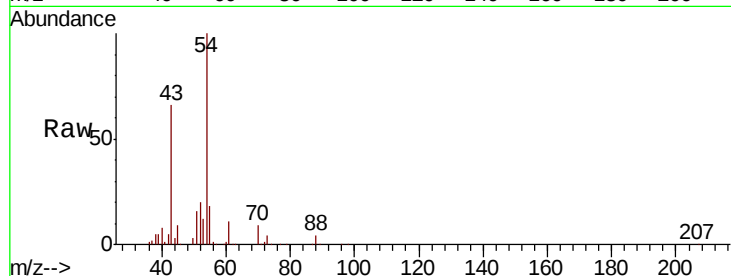




#37
Ethyl Acetate
Concen: 46.190 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

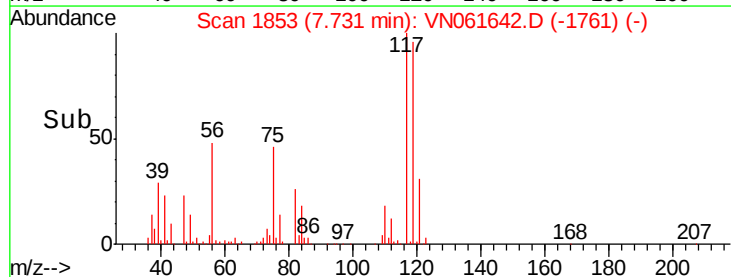
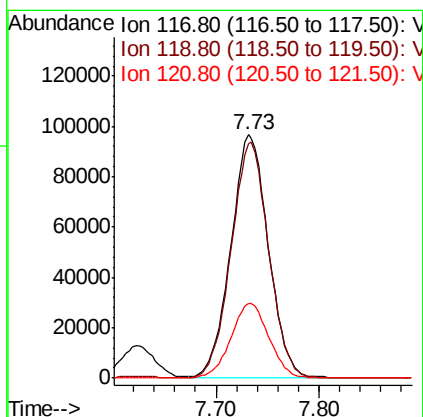
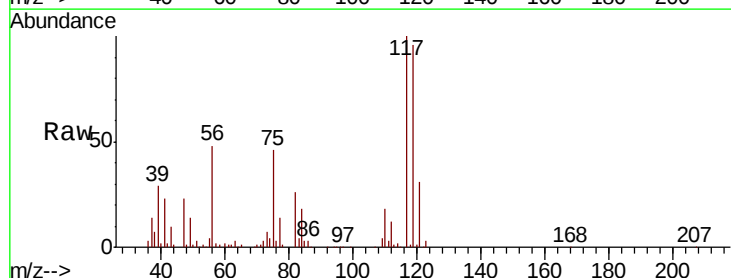
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

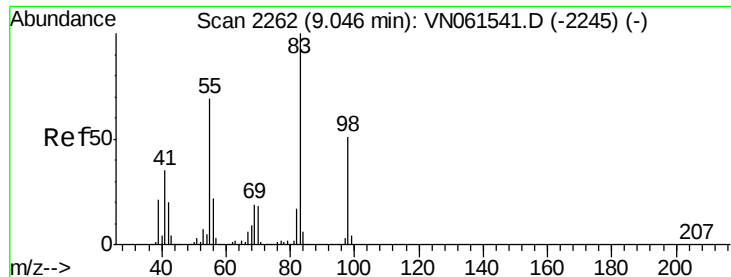
Tot Ion: 43 Resp: 181892
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.4
70 12.9 9.4 14.2



#38
Carbon Tetrachloride
Concen: 51.523 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 117 Resp: 242982
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7
121 30.9 24.1 36.1

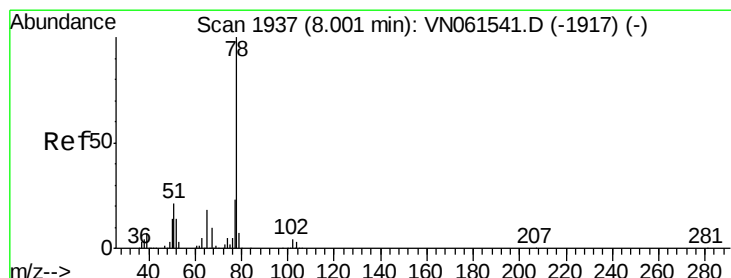
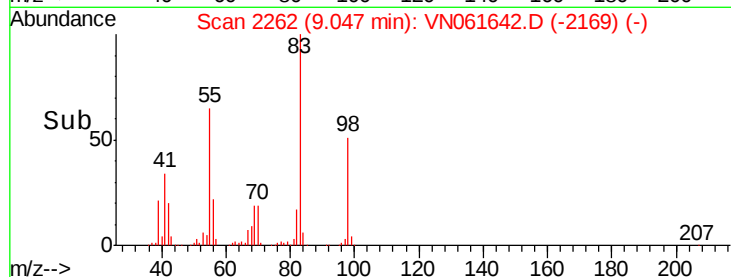
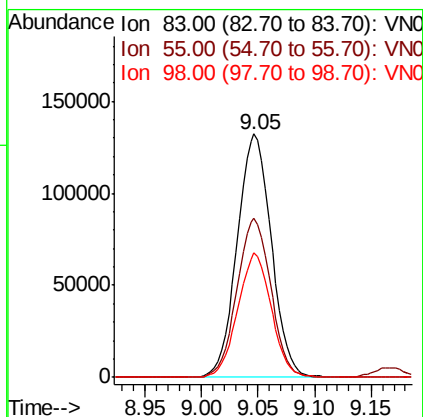
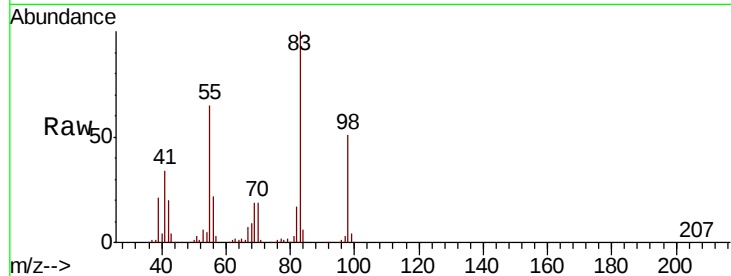




#39
Methvlcvclohexane
Concen: 46.251 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

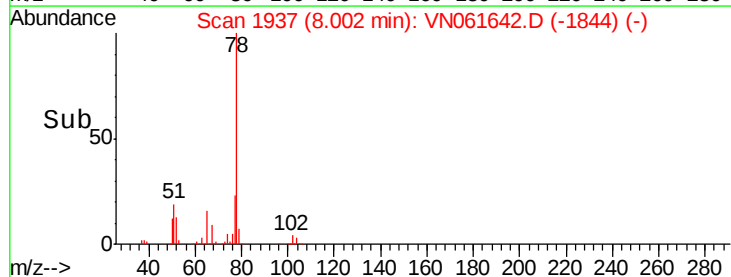
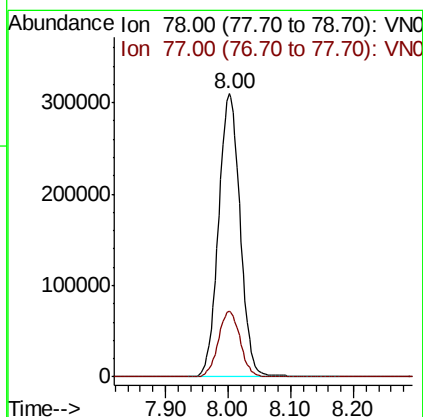
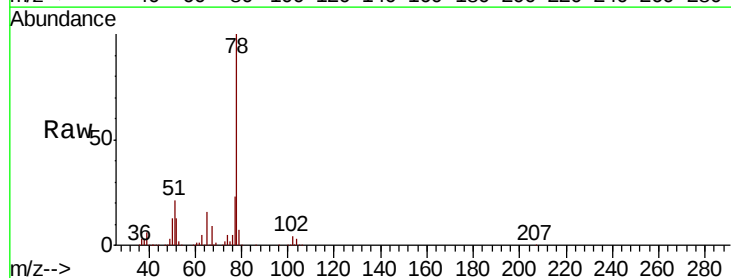
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

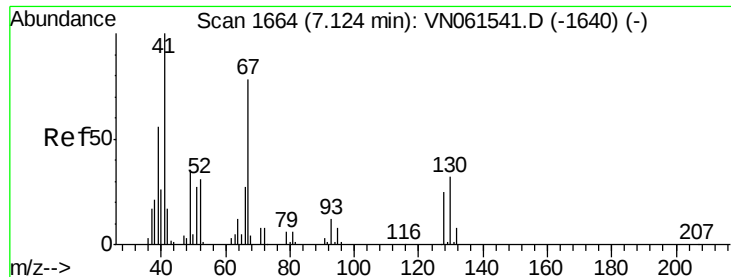
Tot Ion: 83 Resp: 278722
Ion Ratio Lower Upper
83 100
55 65.4 54.9 82.3
98 51.0 41.0 61.4



#40
Benzene
Concen: 49.123 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 78 Resp: 741038
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

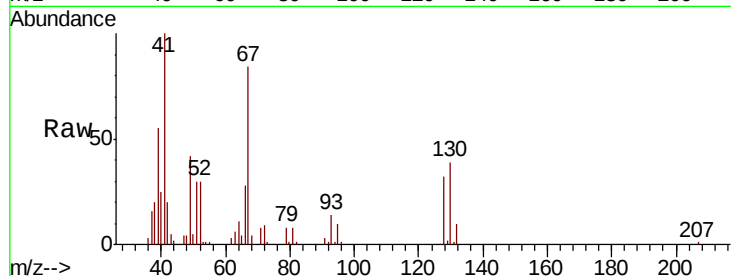




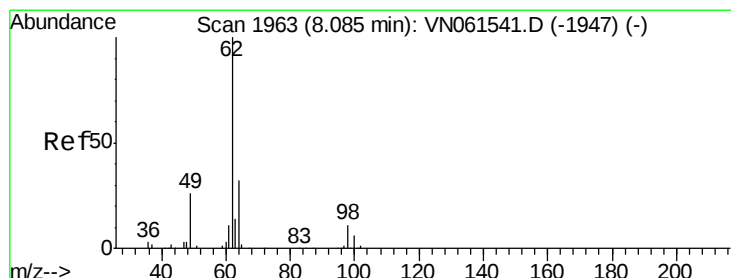
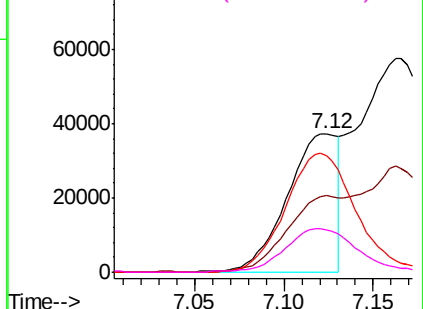
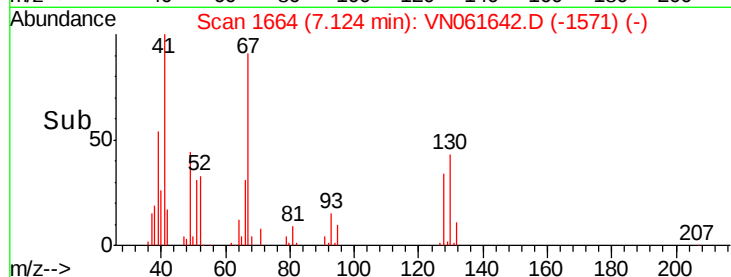
#41
Methacrylonitrile
Concen: 40.755 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 73530
Ion Ratio Lower Upper
41 100
39 60.2 53.8 80.6
67 119.3 91.1 136.7
52 45.7 36.0 54.0

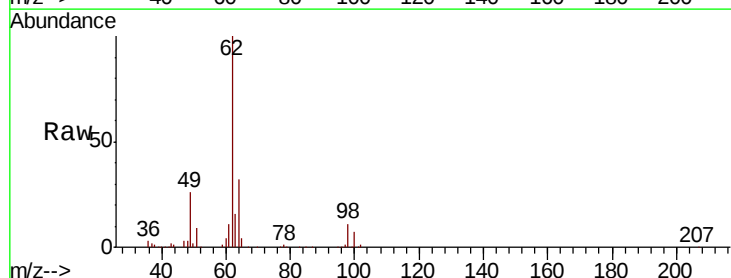


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

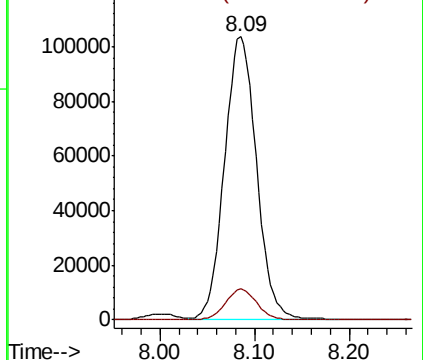
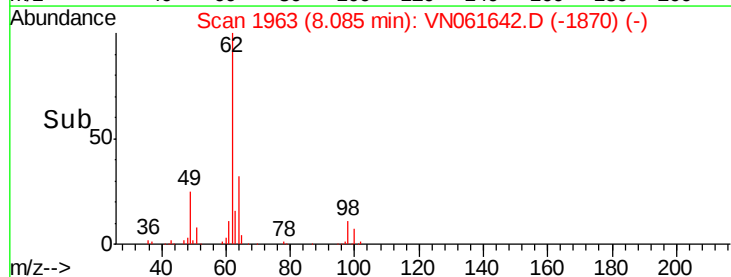


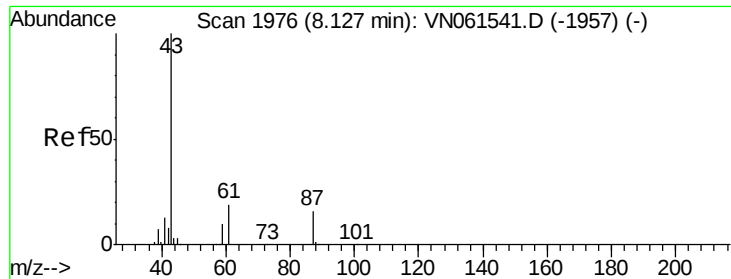
#42
1,2-Dichloroethane
Concen: 48.099 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 62 Resp: 242917
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

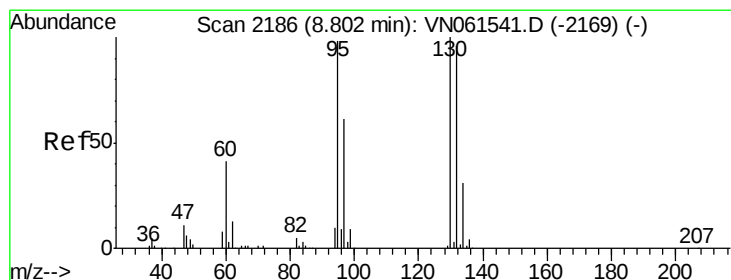
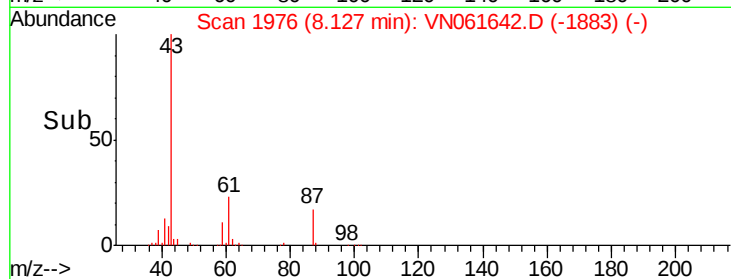
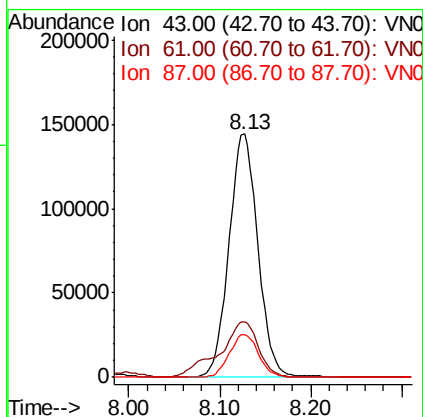
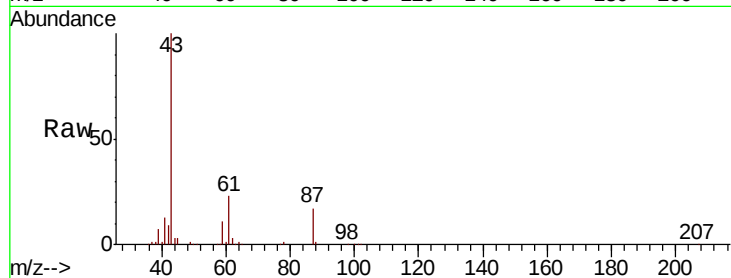




#43
Isopropyl Acetate
Concen: 44.802 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

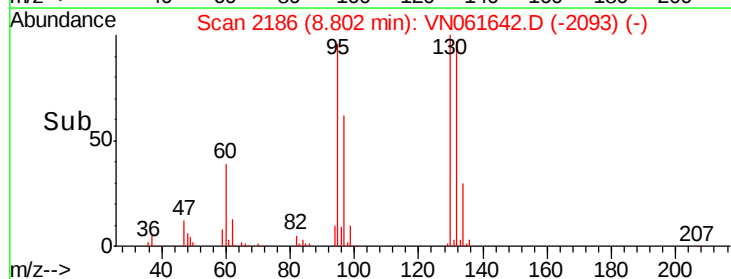
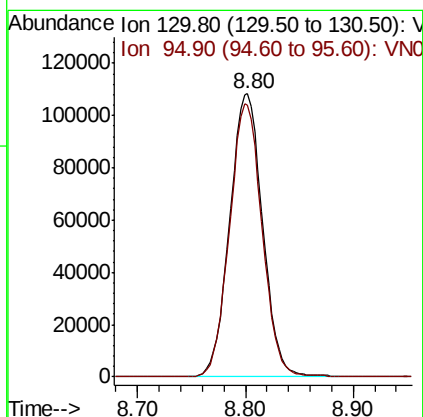
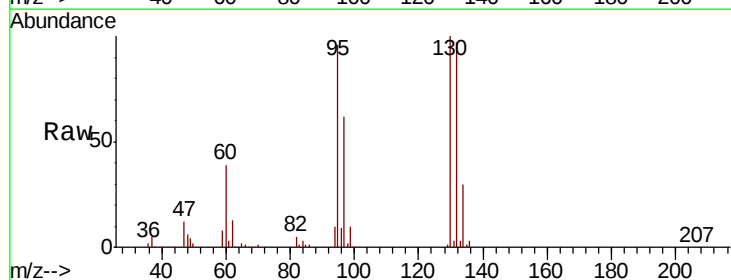
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

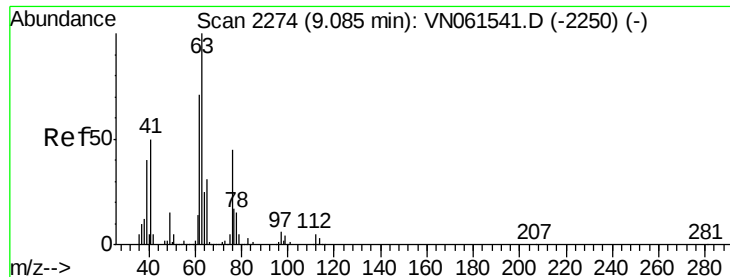
Tot Ion: 43 Resp: 317407
Ion Ratio Lower Upper
43 100
61 31.2 23.6 35.4
87 17.8 13.0 19.6



#44
Trichloroethene
Concen: 49.691 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 130 Resp: 230373
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 48.640 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

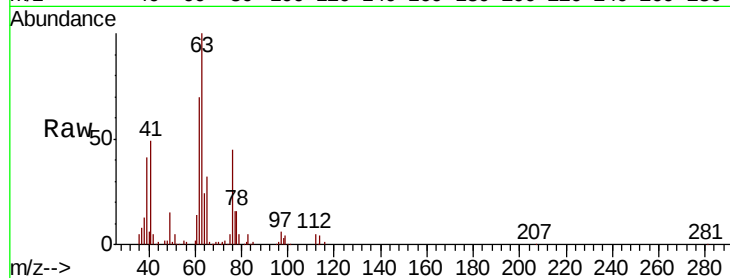
VSTDCCC050EC

Tot Ion: 63 Resp: 174234

Ion Ratio Lower Upper

63 100

65 32.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2250) (-)

Ion 64.90 (64.60 to 65.60): VN061541.D (-2250) (-)

9.09

80000

60000

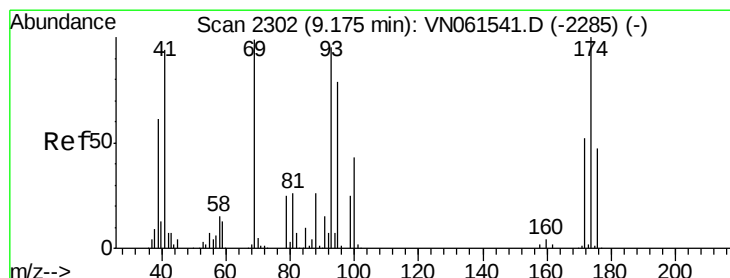
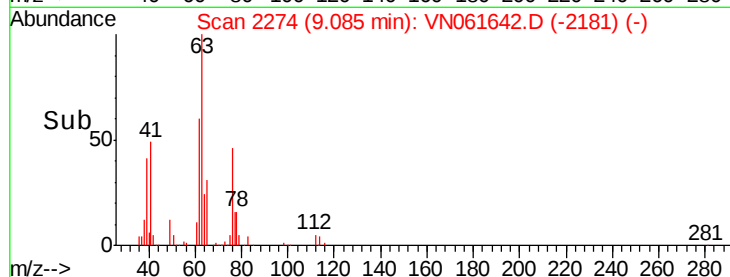
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 48.435 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

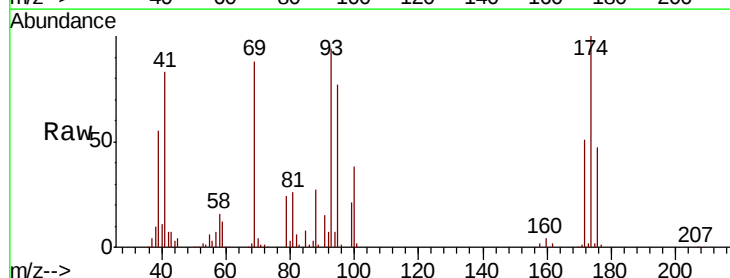
Tgt Ion: 93 Resp: 133063

Ion Ratio Lower Upper

93 100

95 82.3 66.0 99.0

174 105.7 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN061541.D (-2285) (-)

Ion 94.80 (94.50 to 95.50): VN061541.D (-2285) (-)

Ion 173.70 (173.40 to 174.40): VN061541.D (-2285) (-)

9.18

80000

60000

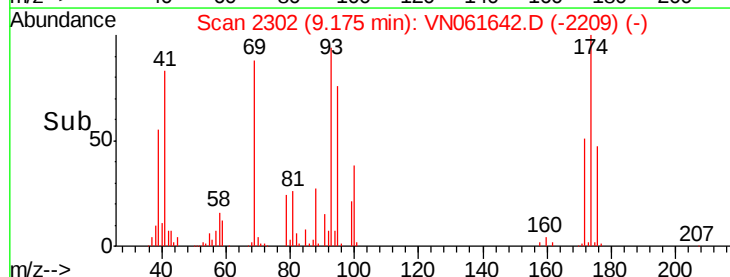
40000

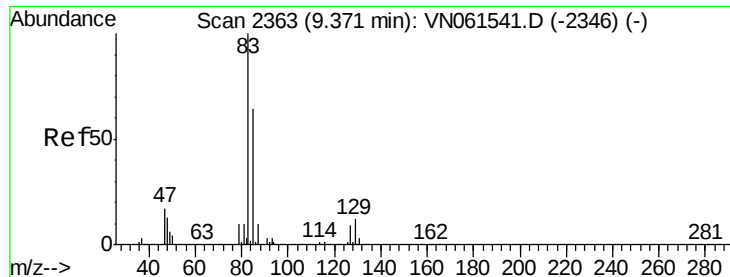
20000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 49.311 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

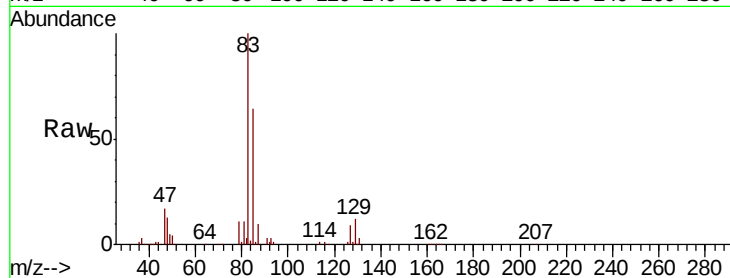
Tot Ion: 83 Resp: 268397

Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

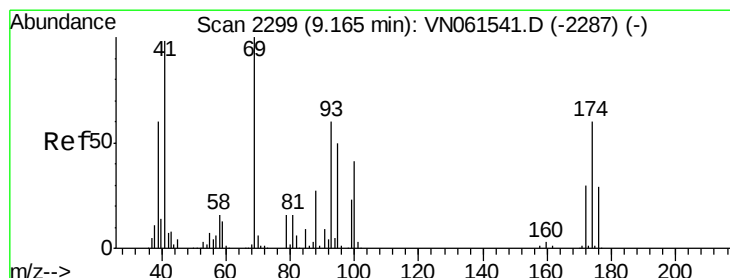
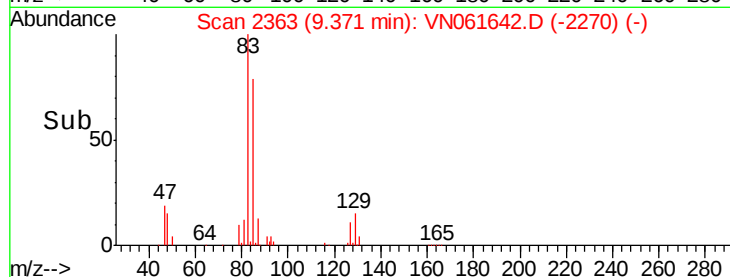
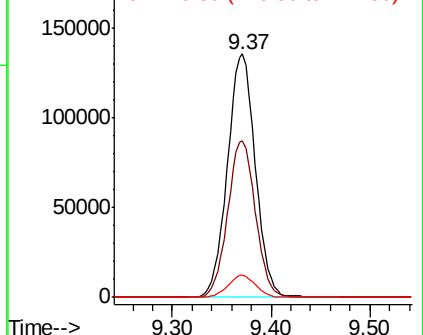
127 9.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 43.187 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

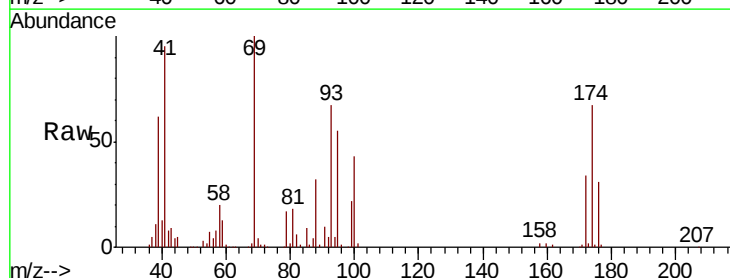
Tgt Ion: 41 Resp: 137661

Ion Ratio Lower Upper

41 100

69 109.6 83.9 125.9

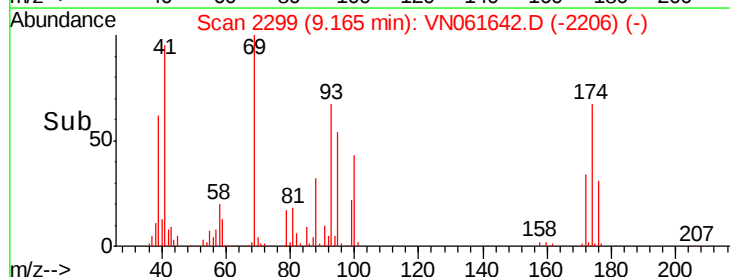
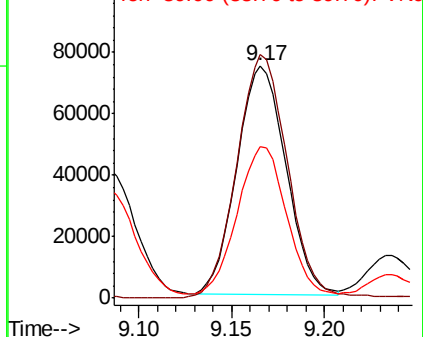
39 67.5 52.1 78.1

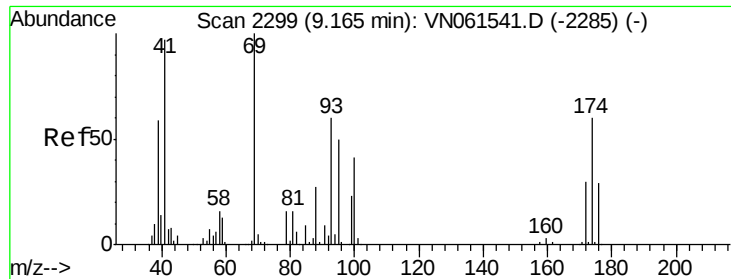


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

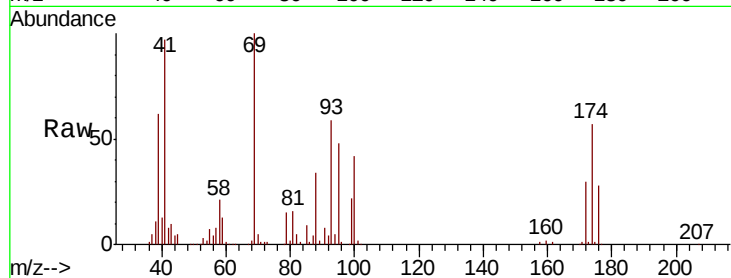




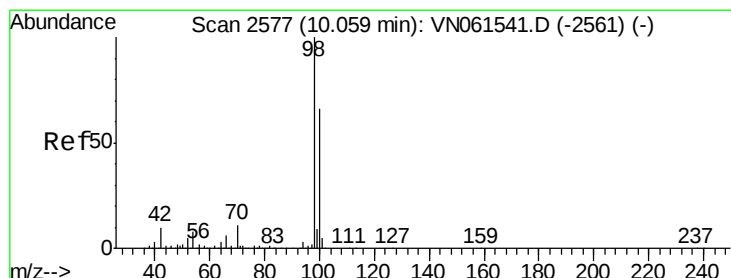
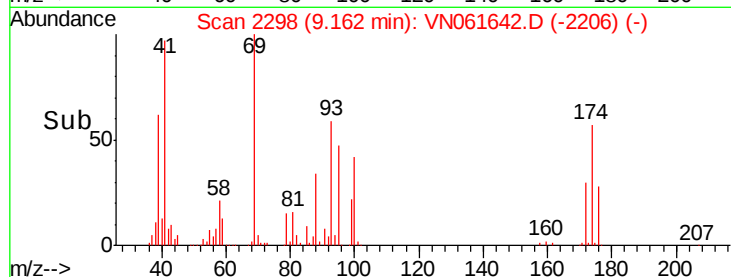
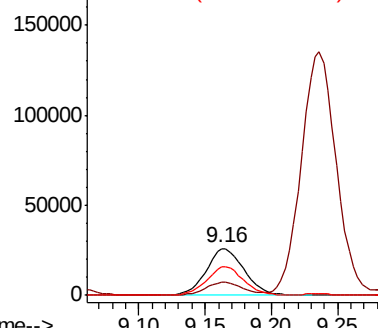
#49
1,4-Dioxane
Concen: 1045.741 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 51639
Ion Ratio Lower Upper
88 100
43 27.9 23.1 34.7
58 60.3 48.3 72.5

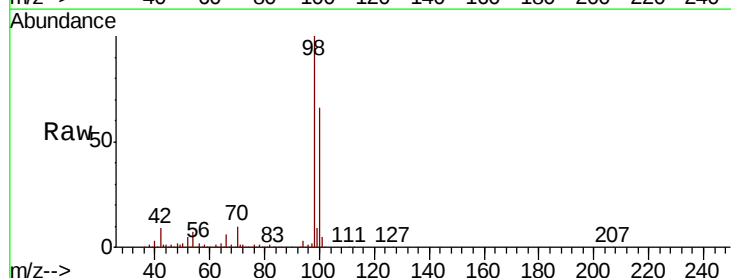


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

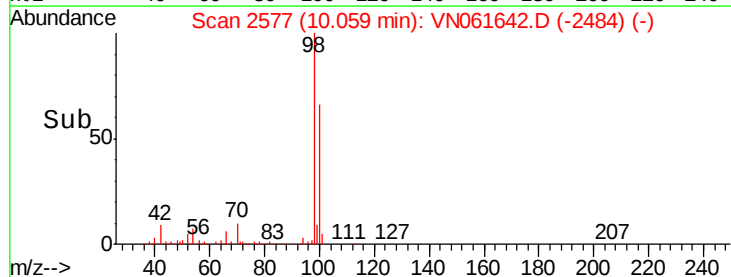
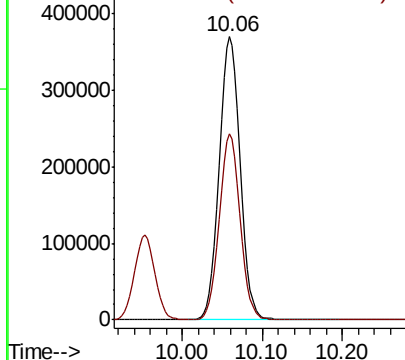


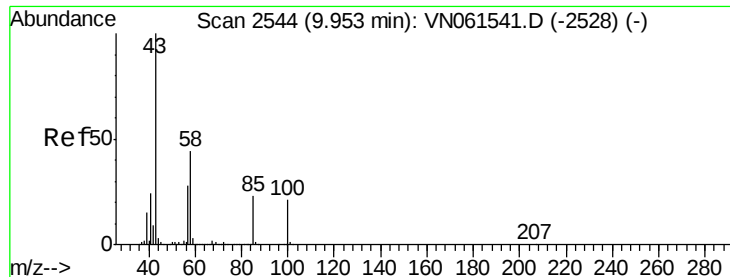
#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 98 Resp: 673713
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



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

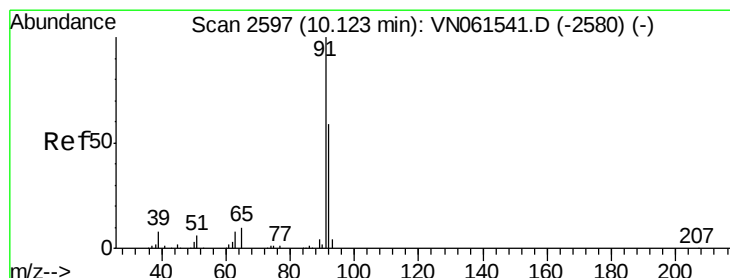
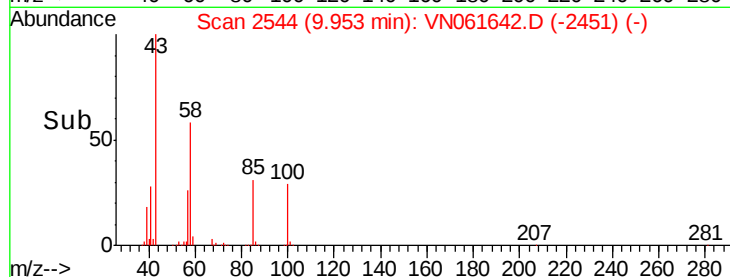
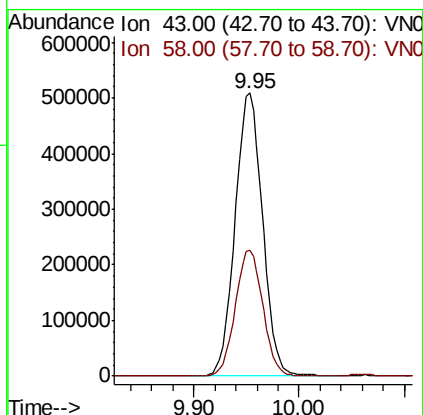
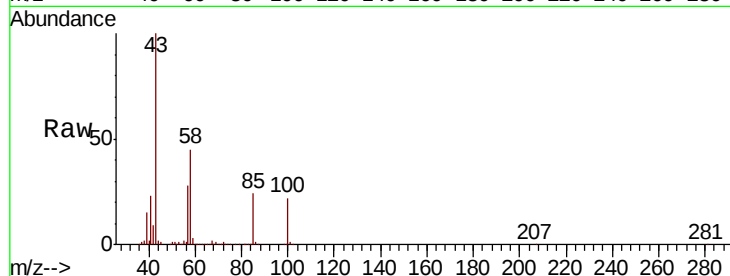




#51
 4-Methyl-2-Pentanone
 Concen: 229.347 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

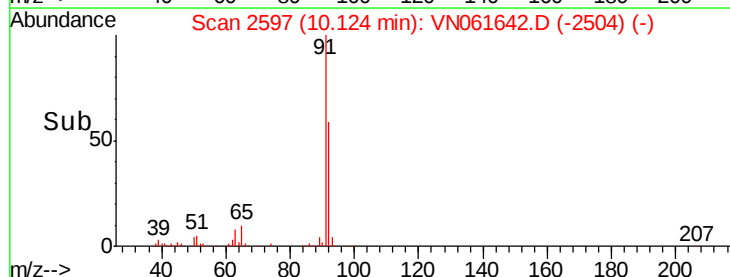
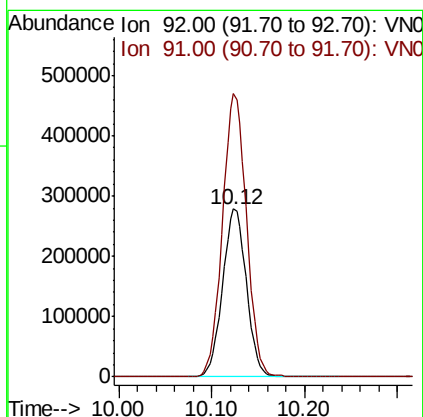
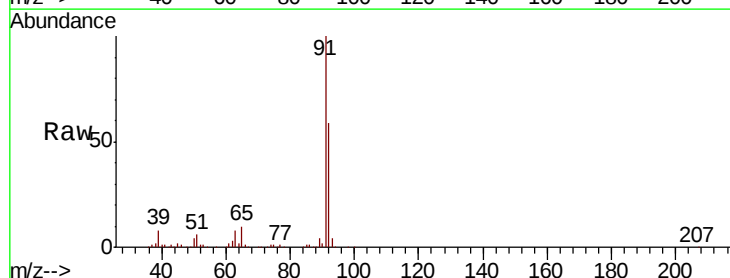
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

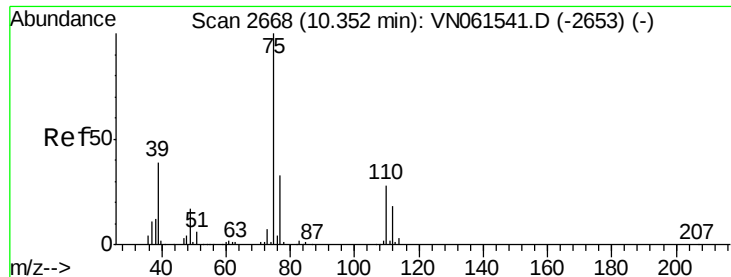
Tot Ion: 43 Resp: 915650
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.0 52.6



#52
 Toluene
 Concen: 50.442 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 92 Resp: 496648
 Ion Ratio Lower Upper
 92 100
 91 169.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 48.879 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

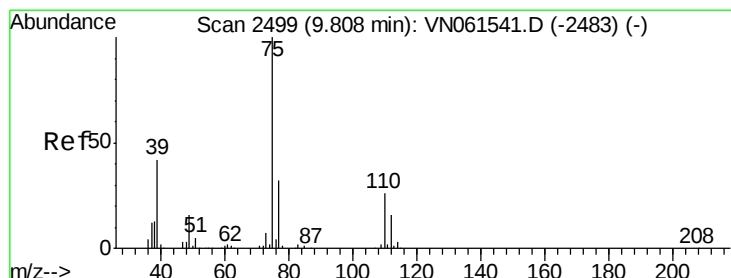
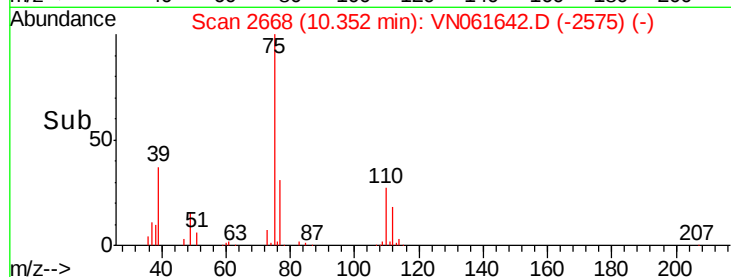
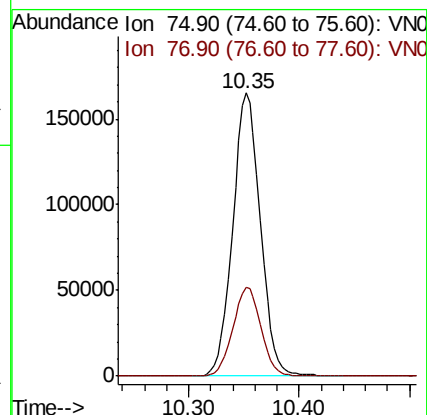
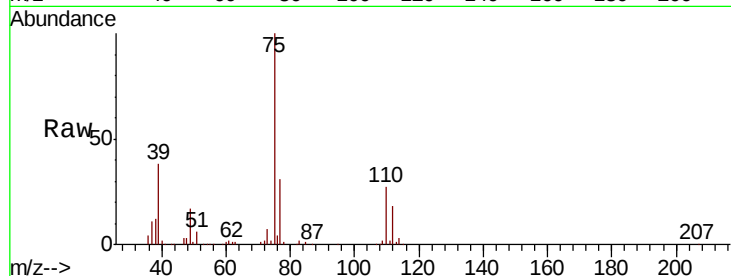
VSTDCCC050EC

Tot Ion: 75 Resp: 286602

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 48.679 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

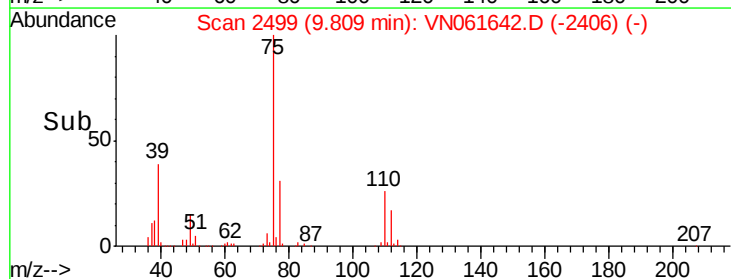
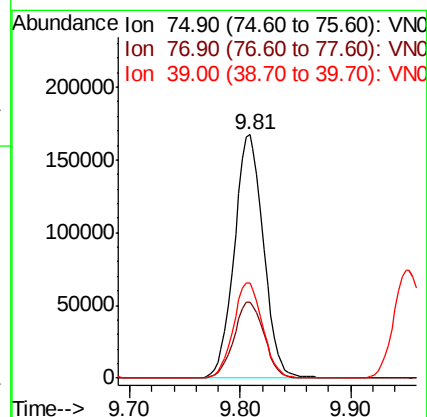
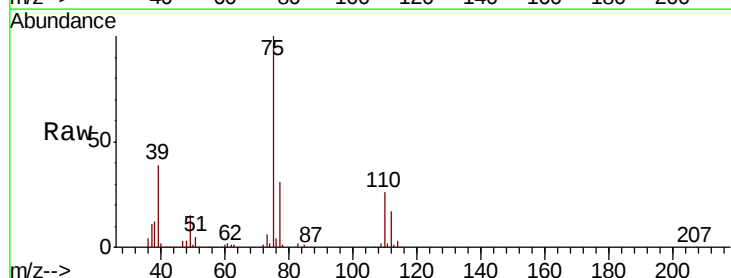
Tgt Ion: 75 Resp: 306903

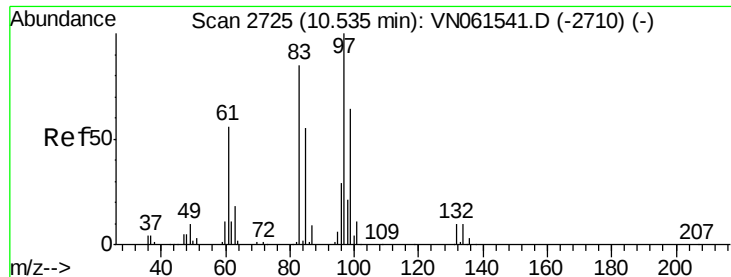
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 38.8 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 49.556 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 194393

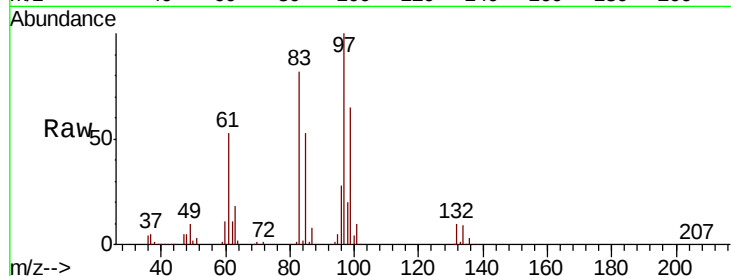
Ion Ratio Lower Upper

97 100

83 81.8 68.1 102.1

85 53.0 44.1 66.1

99 65.0 51.1 76.7



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

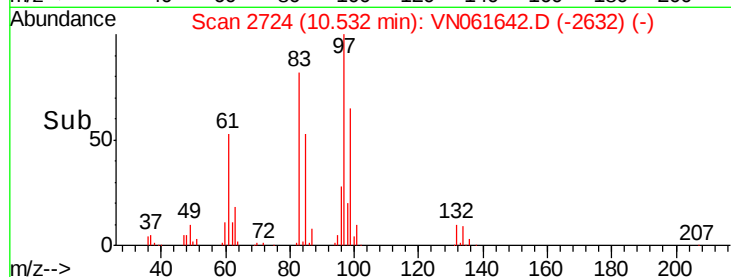
150000

100000

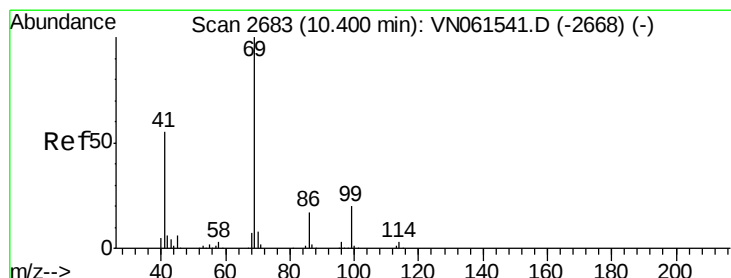
50000

0

10.45 10.50 10.55 10.60



Time-->



#56

Ethyl methacrylate

Concen: 49.351 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

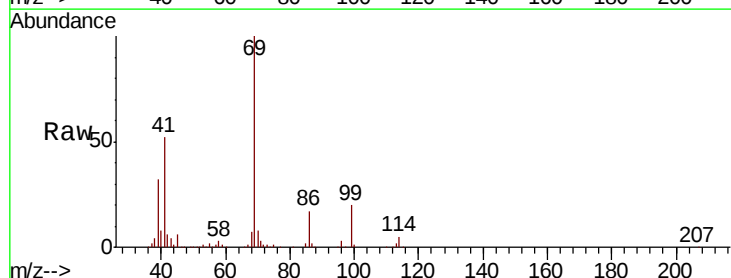
Tgt Ion: 69 Resp: 270428

Ion Ratio Lower Upper

69 100

41 51.4 43.5 65.3

39 32.0 27.0 40.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

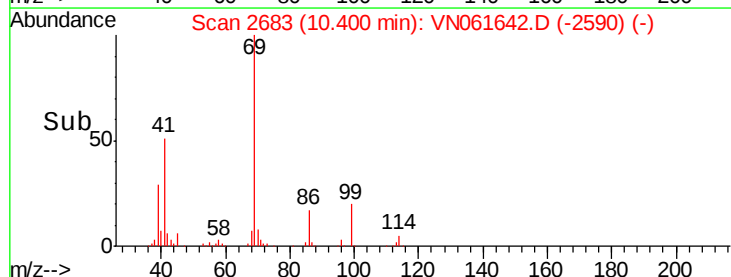
150000

100000

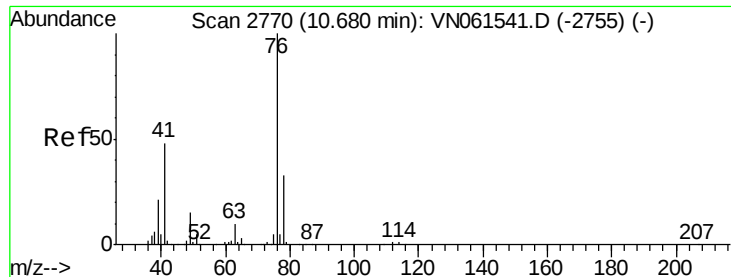
50000

0

10.30 10.40 10.50



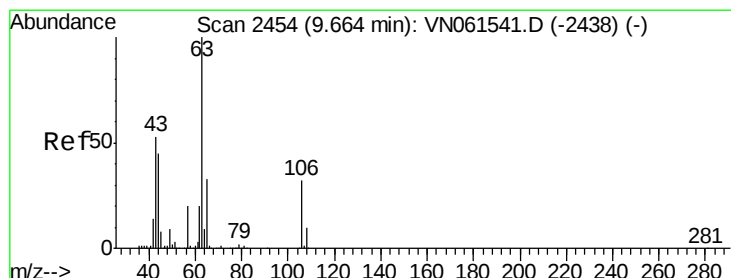
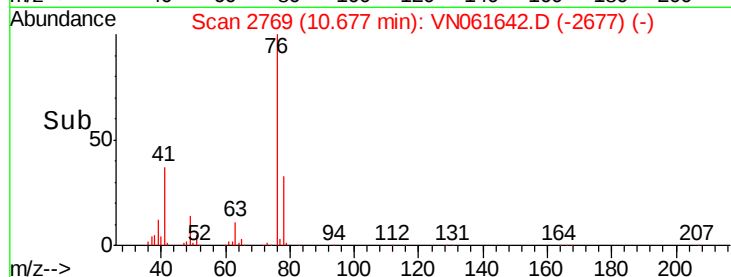
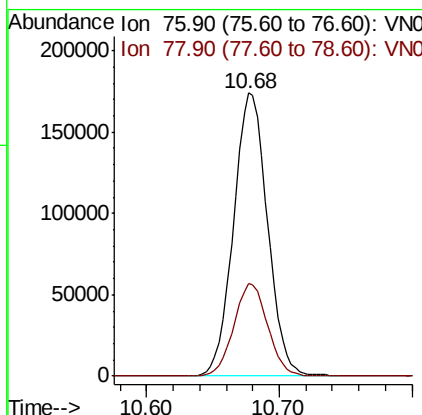
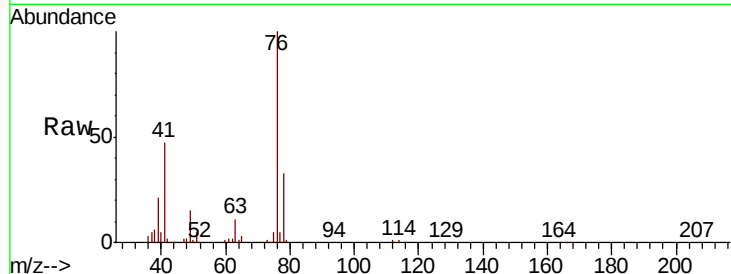
Time-->



#57
 1,3-Dichloropropane
 Concen: 49.315 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

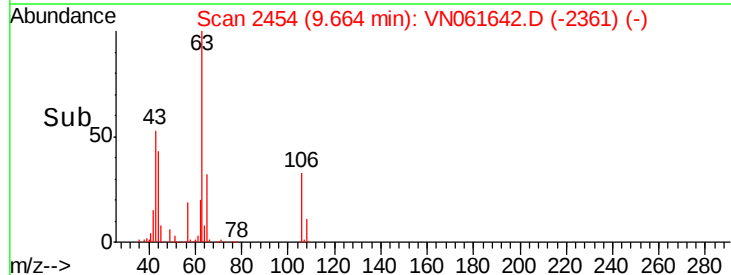
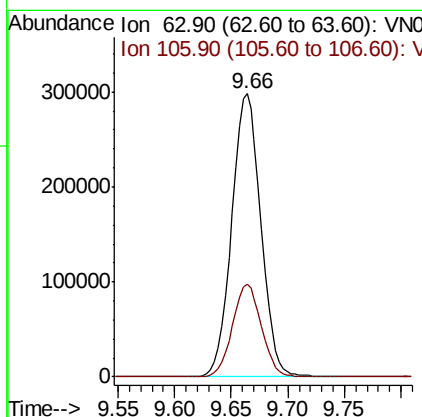
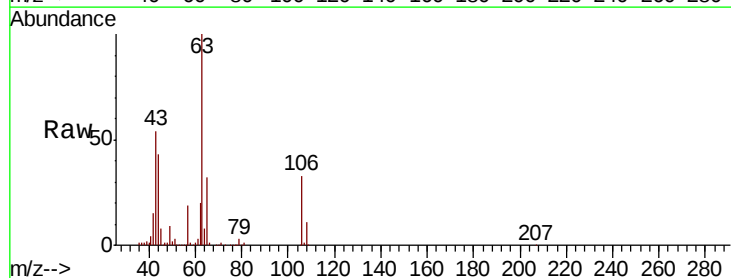
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

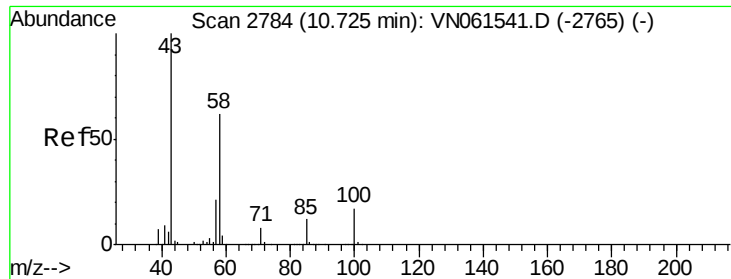
Tot Ion: 76 Resp: 309394
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.905 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 63 Resp: 533685
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.9 38.9

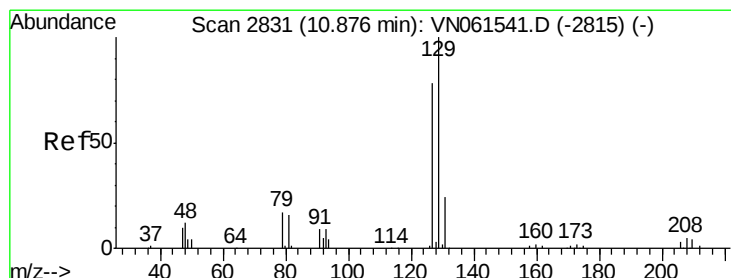
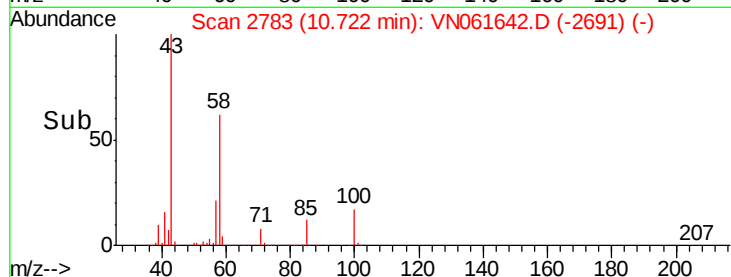
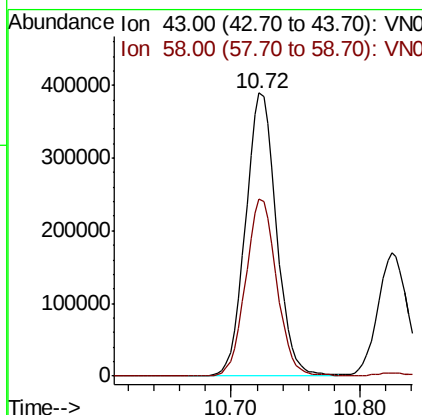
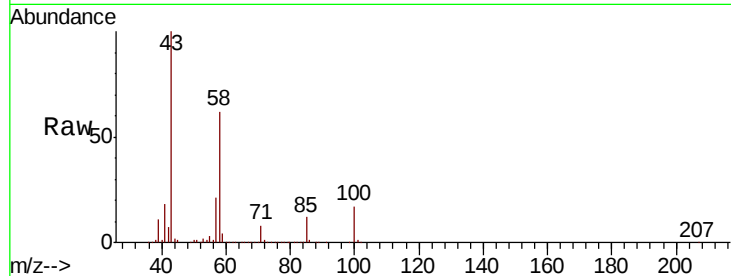




#59
2-Hexanone
Concen: 226.074 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

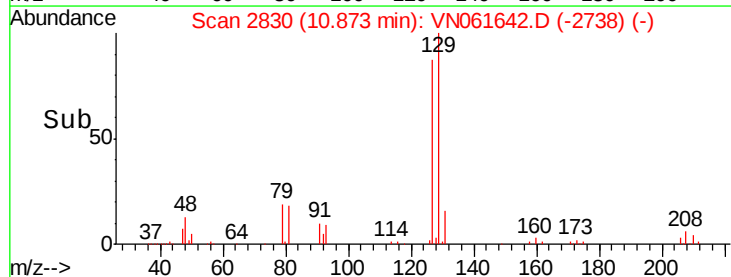
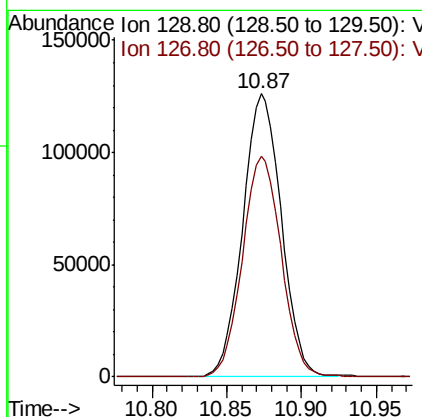
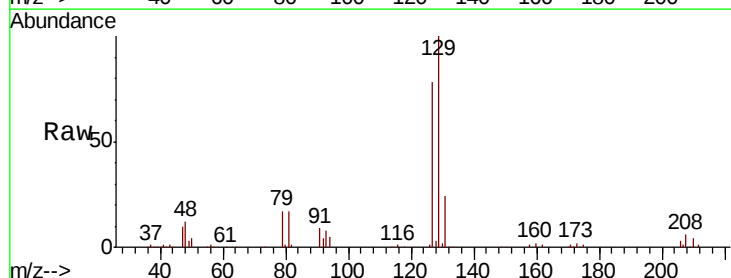
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

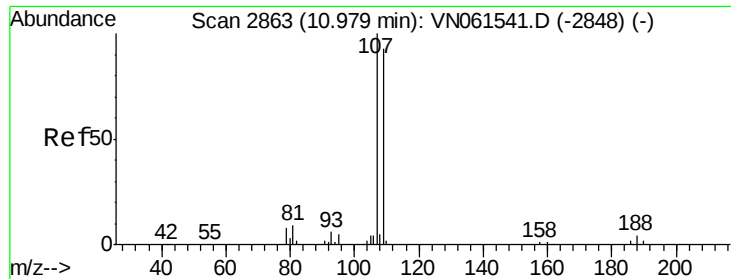
Tot Ion: 43 Resp: 648212
Ion Ratio Lower Upper
43 100
58 63.2 30.7 92.1



#60
Dibromochloromethane
Concen: 50.850 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 129 Resp: 226769
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.845 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

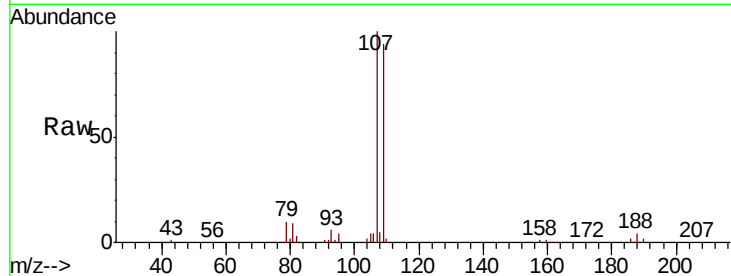
VSTDCCC050EC

Tot Ion:107 Resp: 208016

Ion Ratio Lower Upper

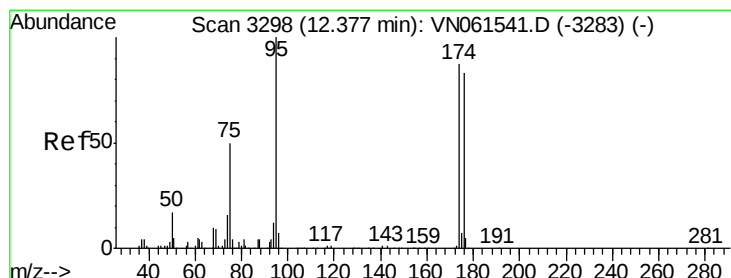
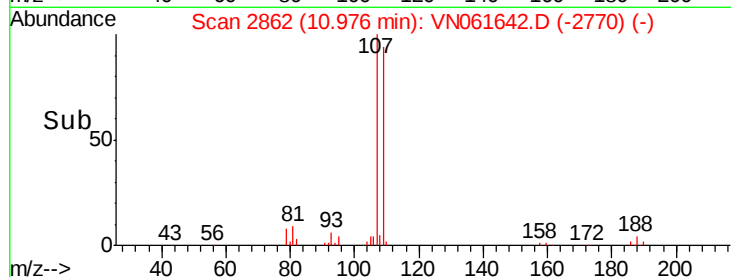
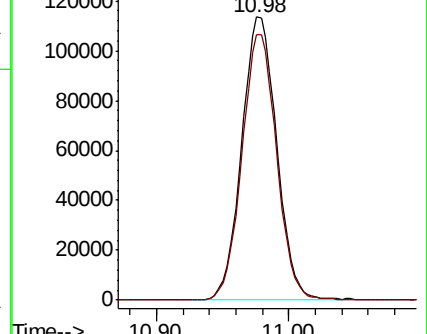
107 100

109 93.2 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.737 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

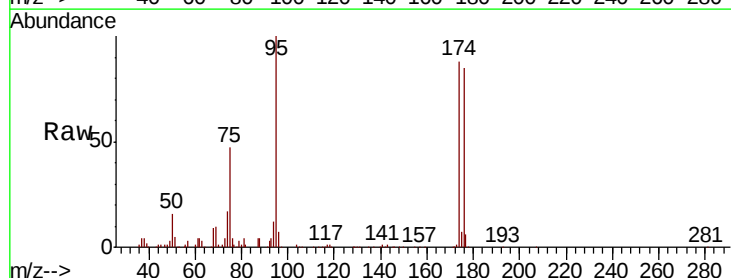
Tgt Ion: 95 Resp: 245064

Ion Ratio Lower Upper

95 100

174 88.9 0.0 172.8

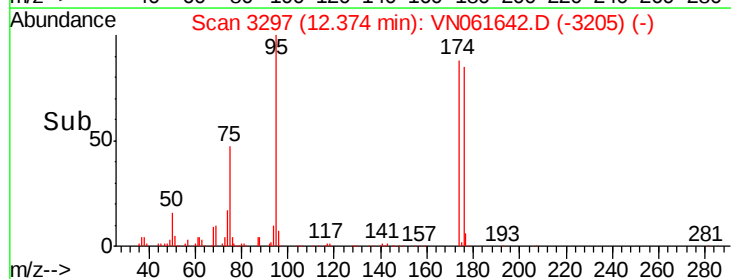
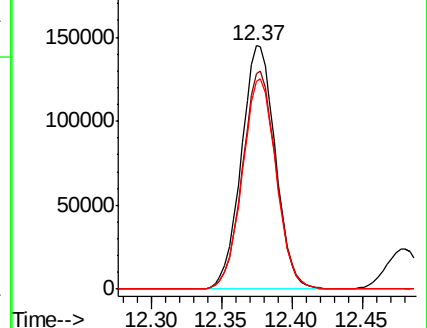
176 86.3 0.0 164.8

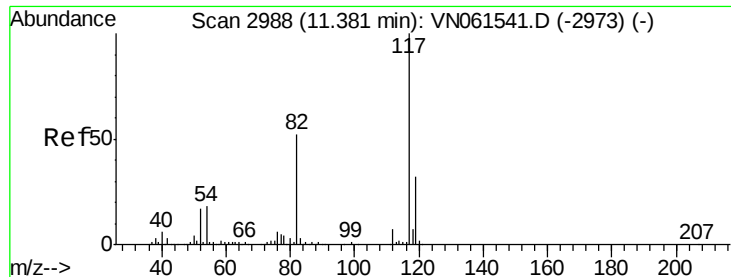


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

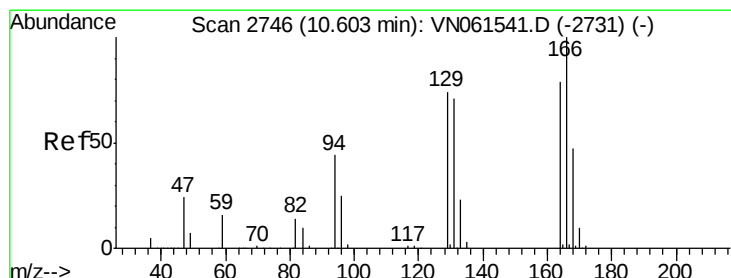
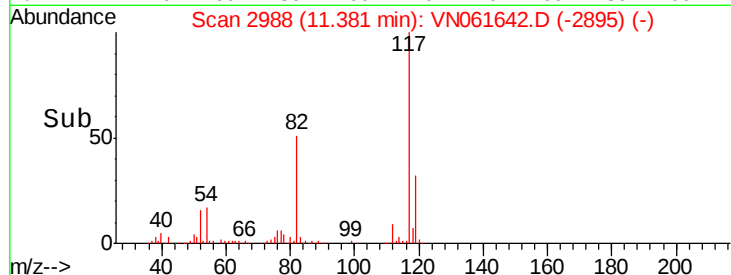
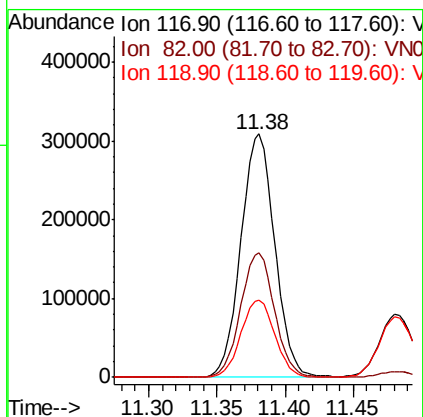
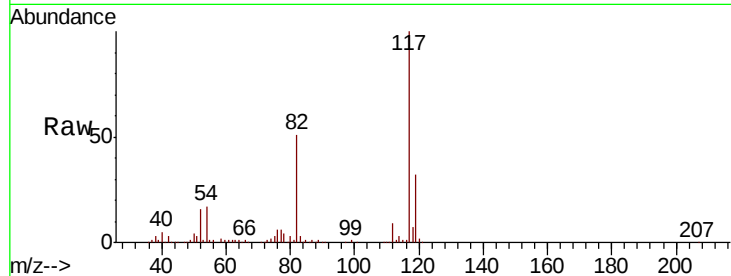




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

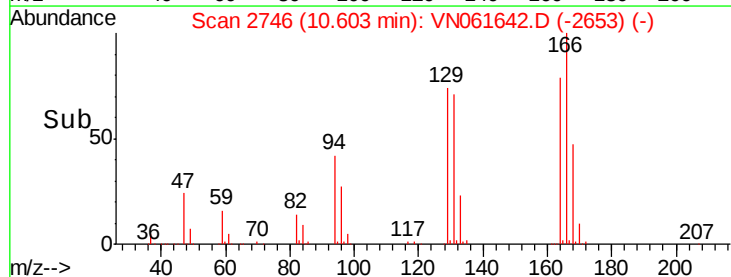
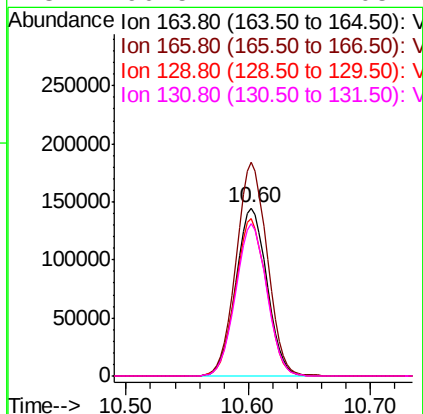
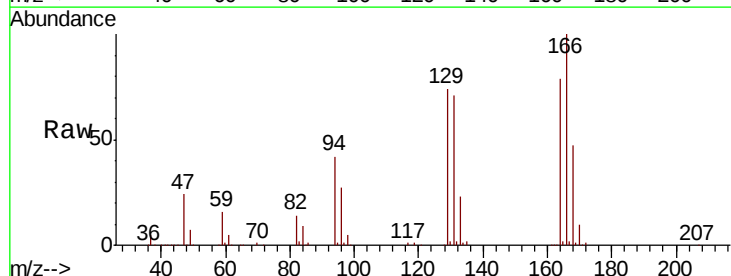
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

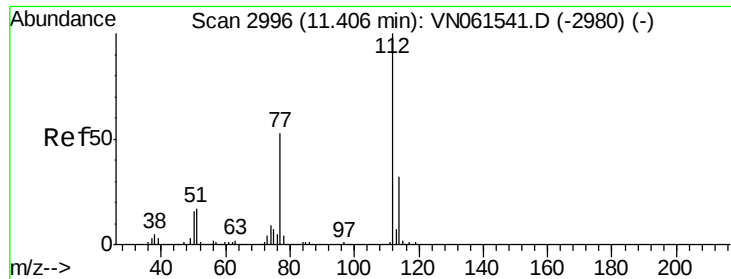
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.5	62.3
119	32.0	25.6	38.4



#64
Tetrachloroethene
Concen: 51.151 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.5	152.3
129	93.7	74.9	112.3
131	90.5	72.2	108.2

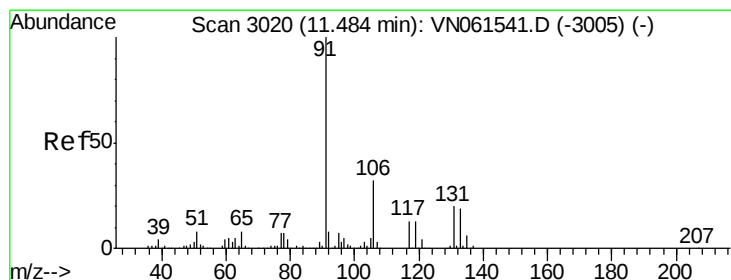
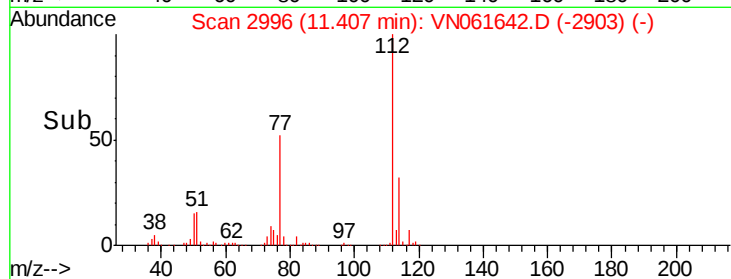
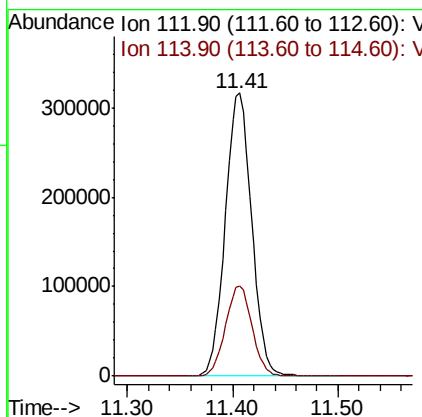
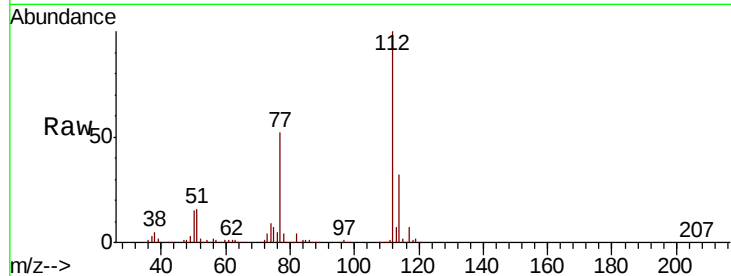




#65
Chlorobenzene
Concen: 49.245 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

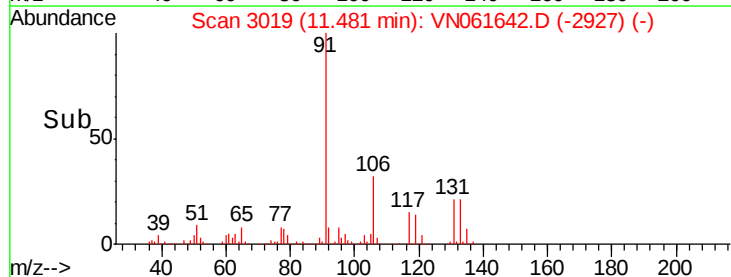
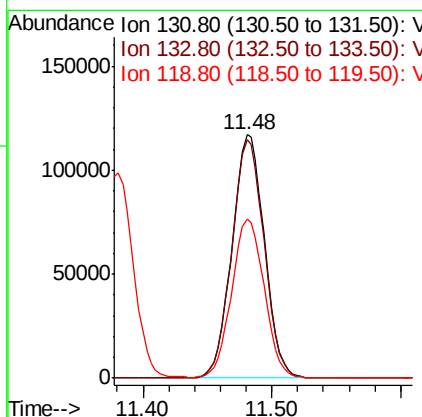
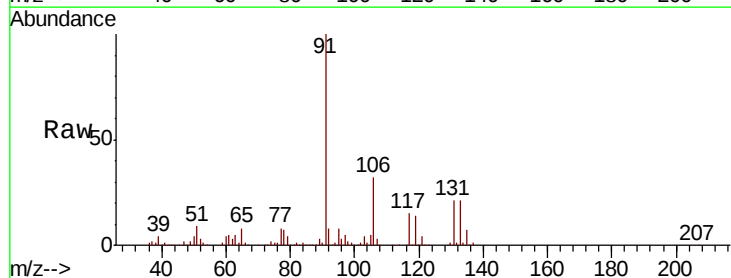
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

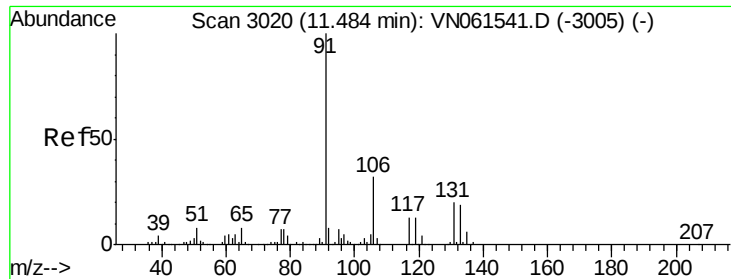
Tot Ion:112 Resp: 546031
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.399 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion:131 Resp: 203950
Ion Ratio Lower Upper
131 100
133 97.6 47.4 142.2
119 66.1 32.6 97.8

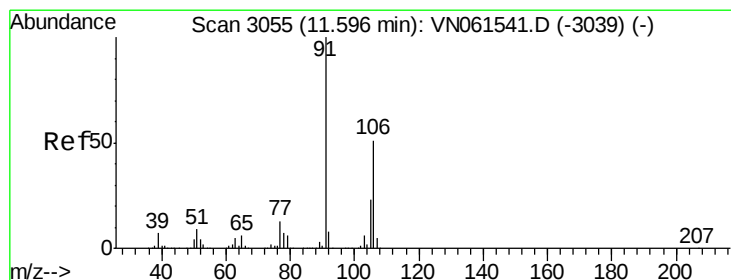
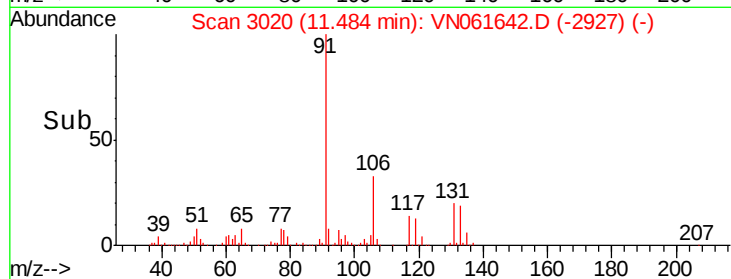
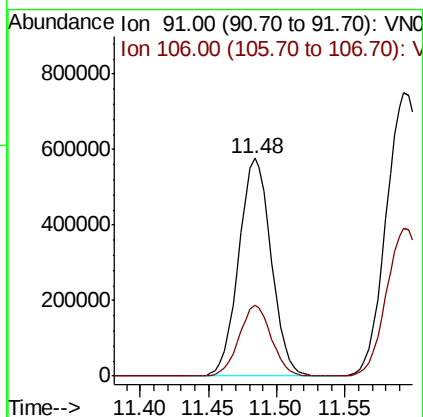
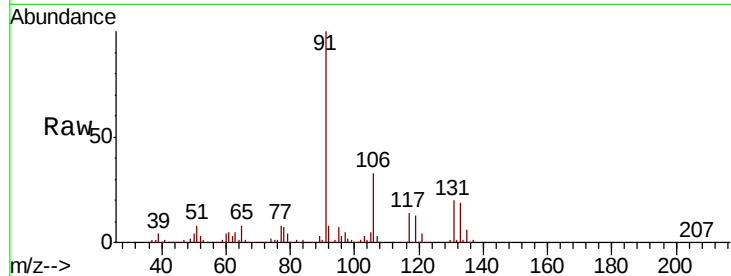




#67
Ethyl Benzene
Concen: 49.733 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

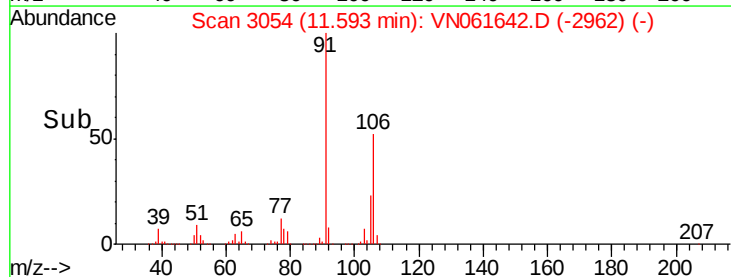
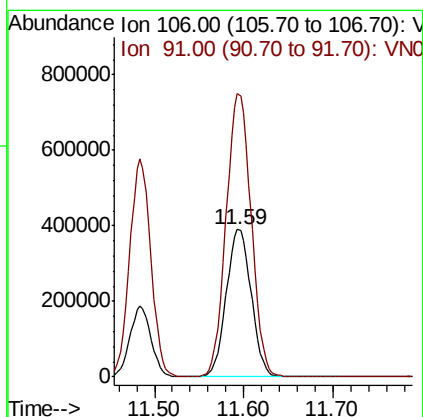
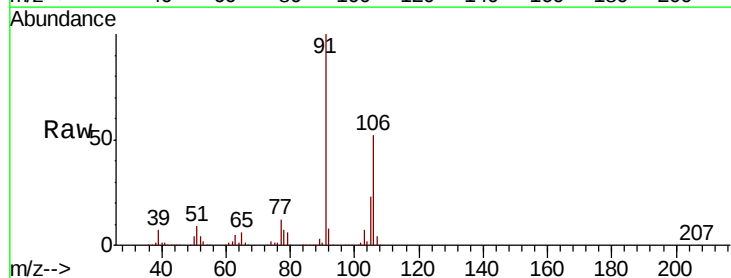
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

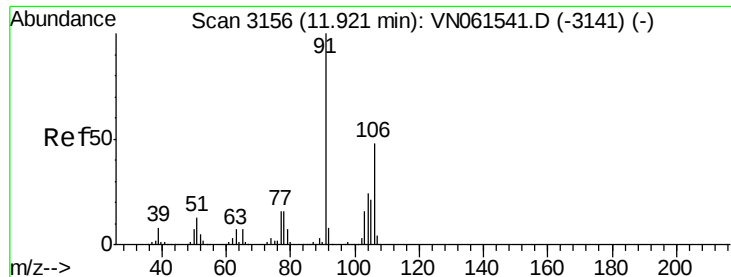
Tot Ion: 91 Resp: 953122
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 99.173 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 106 Resp: 753599
Ion Ratio Lower Upper
106 100
91 193.7 156.2 234.4

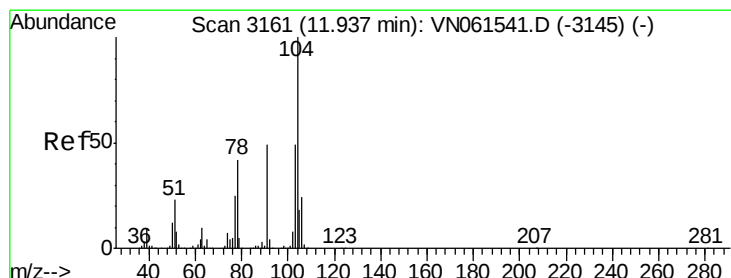
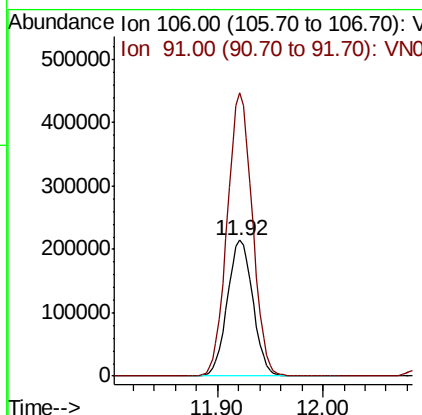
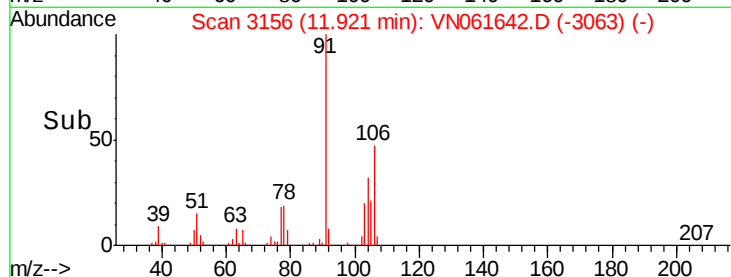
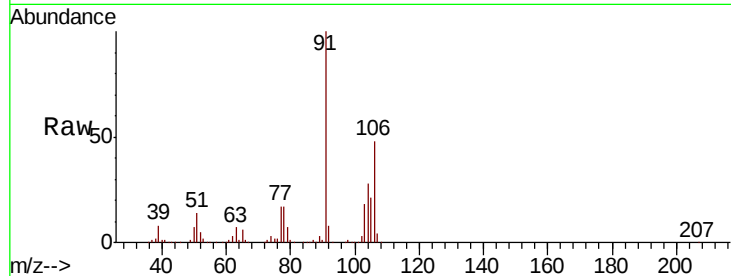




#69
o-Xylene
Concen: 49.852 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

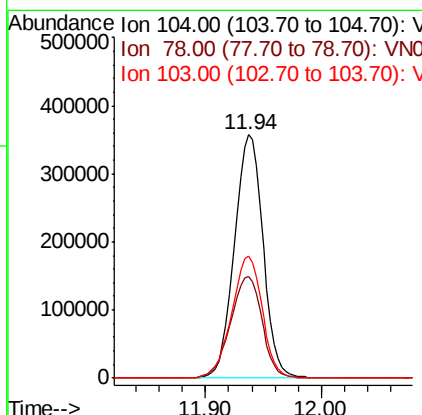
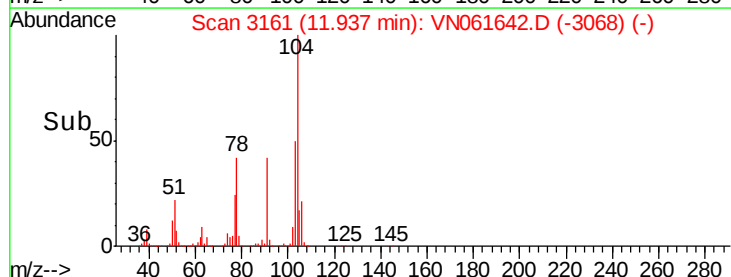
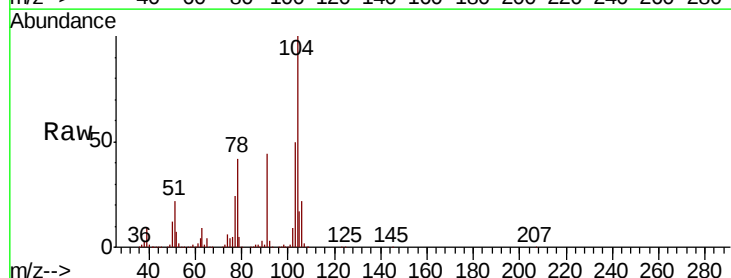
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

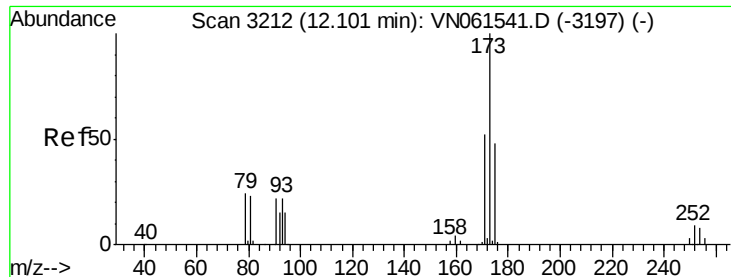
Tot Ion:106 Resp: 359803
Ion Ratio Lower Upper
106 100
91 204.6 103.3 309.8



#70
Styrene
Concen: 50.908 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion:104 Resp: 608471
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 50.708 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

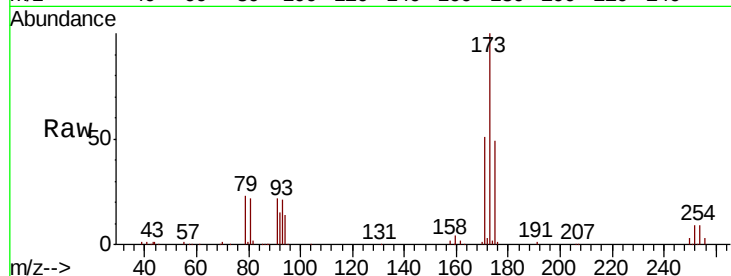
Tot Ion:173 Resp: 161322

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

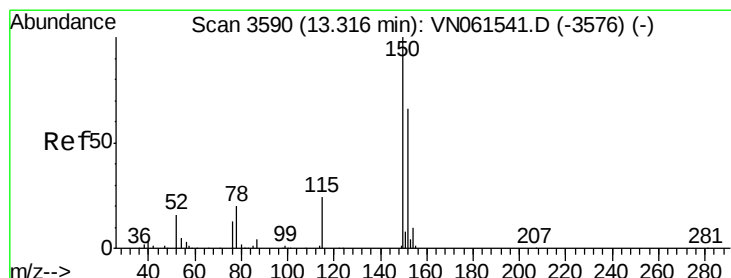
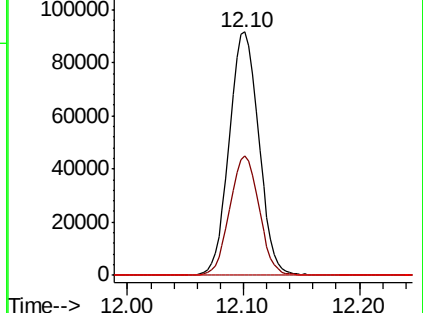
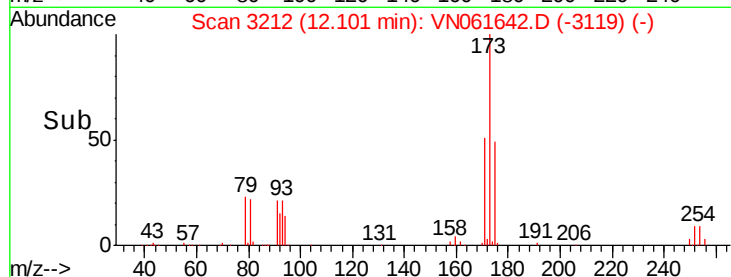
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

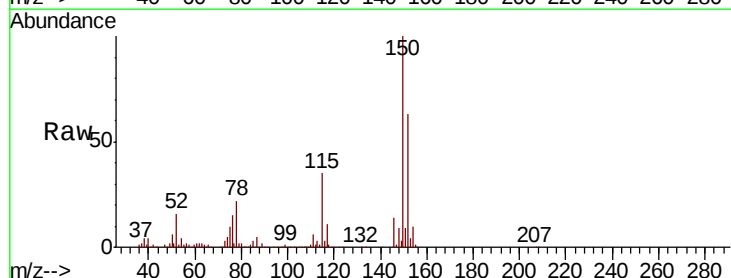
Tgt Ion:152 Resp: 276446

Ion Ratio Lower Upper

152 100

115 55.4 28.0 84.0

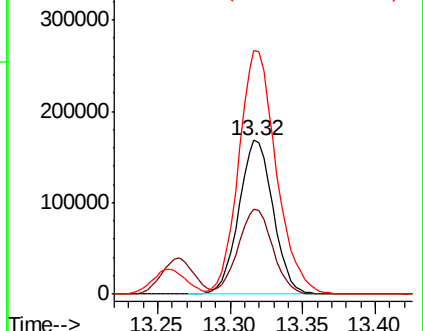
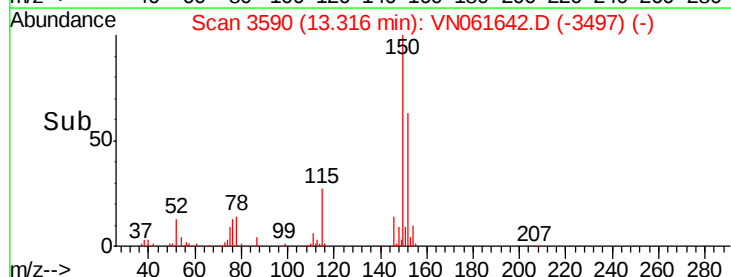
150 173.3 0.0 344.0

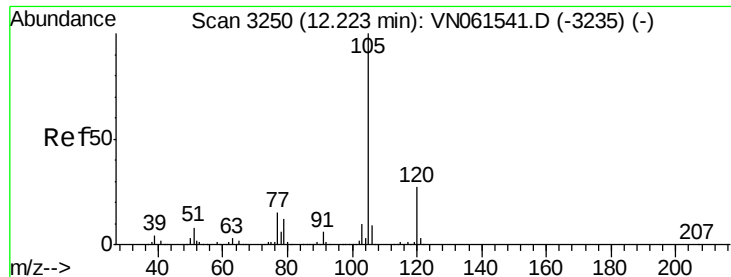


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.555 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

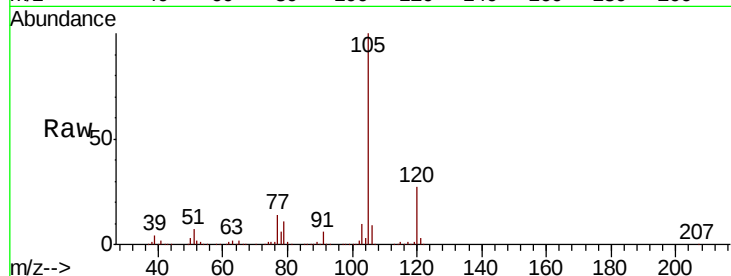
VSTDCCC050EC

Tot Ion:105 Resp: 959506

Ion Ratio Lower Upper

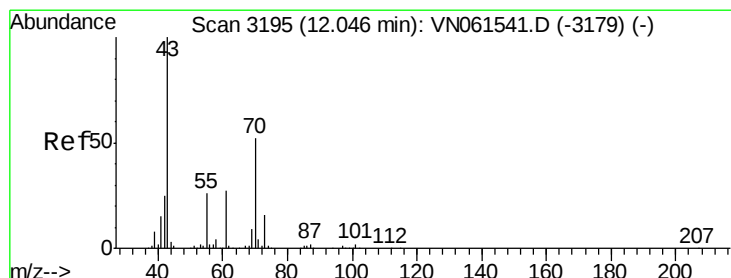
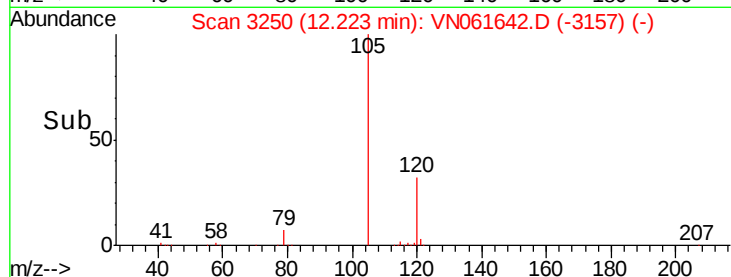
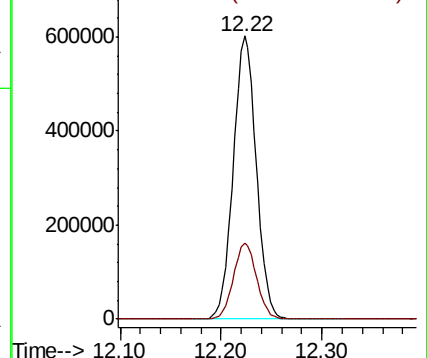
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.682 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Tgt Ion: 43 Resp: 283920

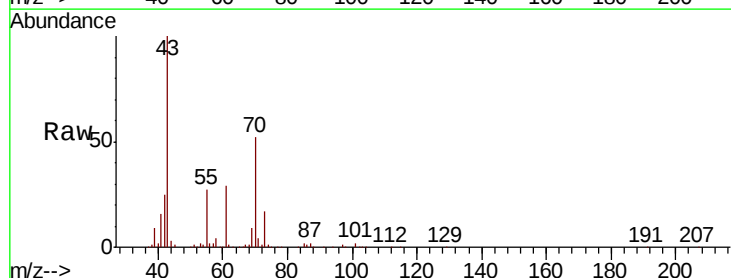
Ion Ratio Lower Upper

43 100

70 51.8 40.5 60.7

55 26.7 20.6 31.0

61 28.7 21.8 32.6

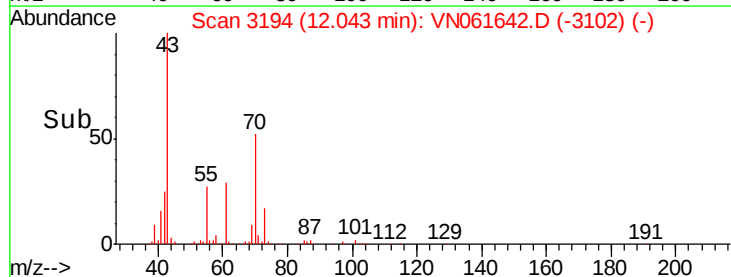
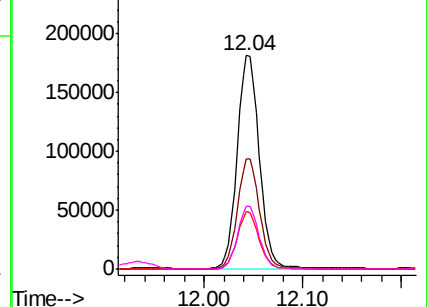


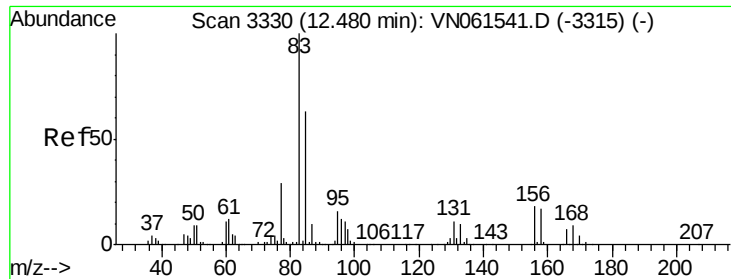
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.307 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

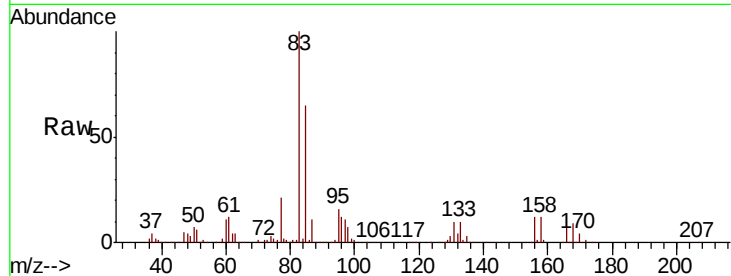
Tot Ion: 83 Resp: 244865

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.5

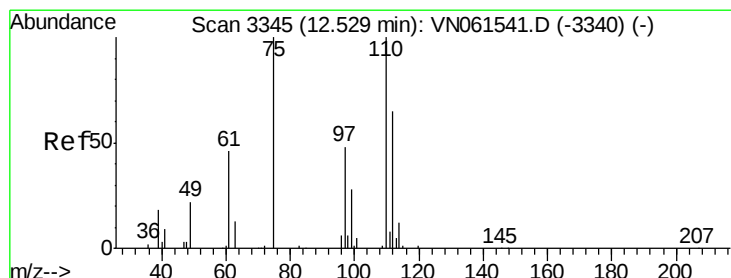
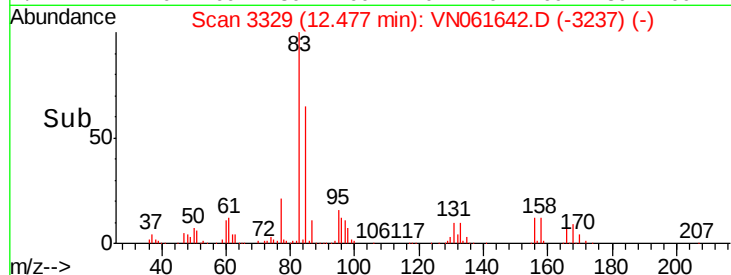
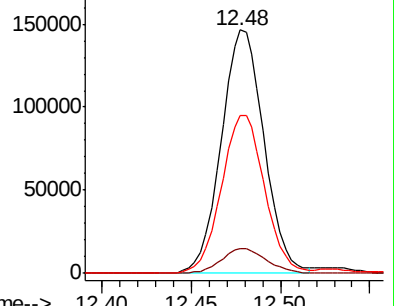
85 65.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061642.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061642.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061642.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 65.415 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061642.D

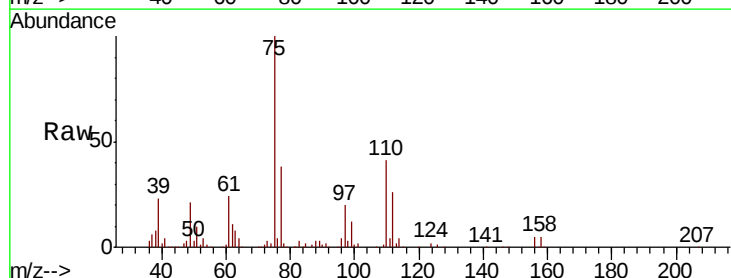
Acq: 3 Jun 2020 17:02

Tgt Ion: 75 Resp: 328832

Ion Ratio Lower Upper

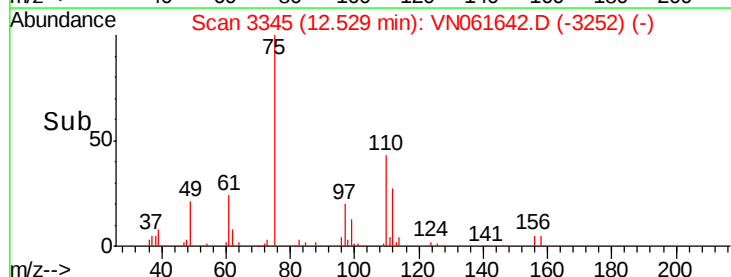
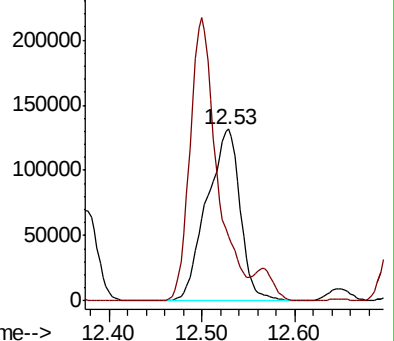
75 100

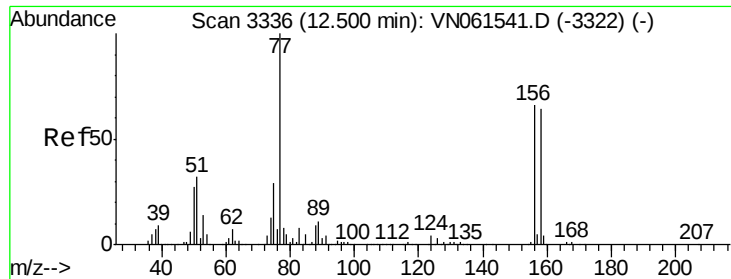
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061642.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061642.D (-3252) (-)





#77

Bromobenzene

Concen: 48.602 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

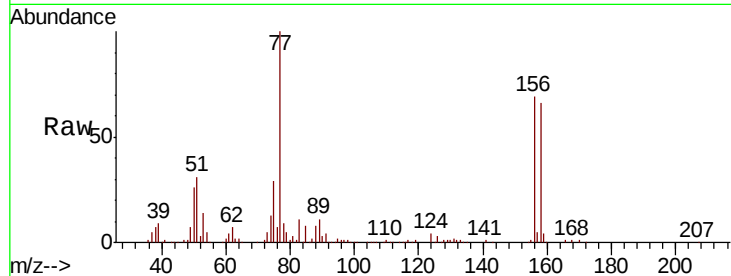
Tot Ion:156 Resp: 250317

Ion Ratio Lower Upper

156 100

77 176.0 90.9 272.7

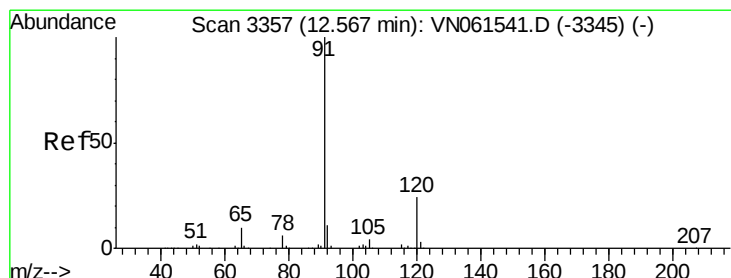
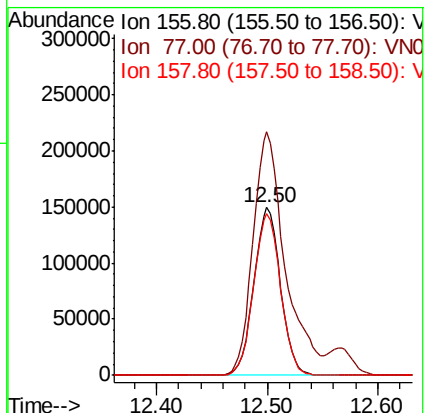
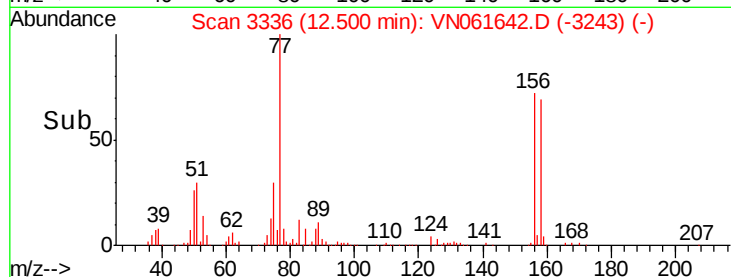
158 97.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.316 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061642.D

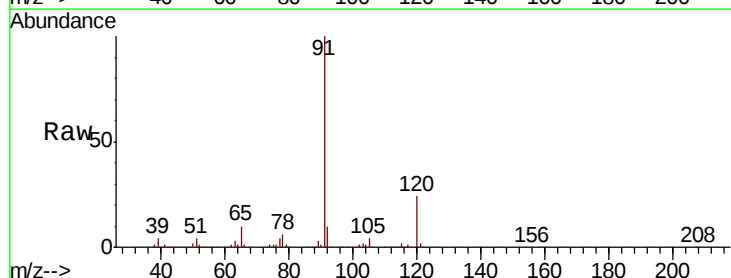
Acq: 3 Jun 2020 17:02

Tgt Ion: 91 Resp: 1065789

Ion Ratio Lower Upper

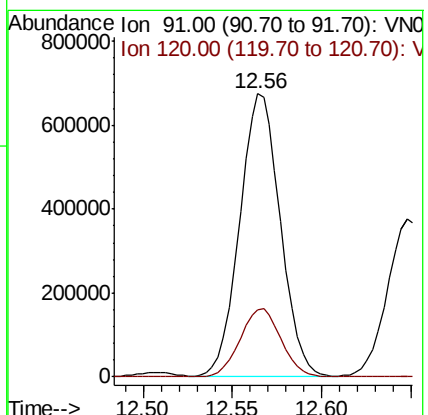
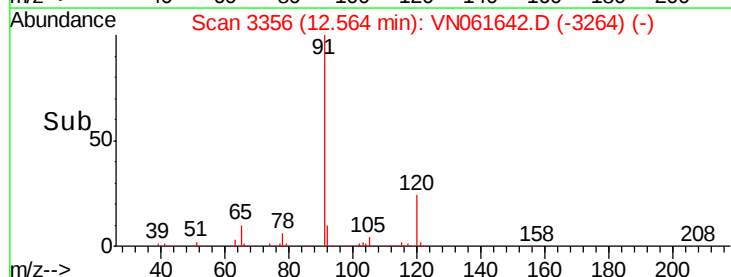
91 100

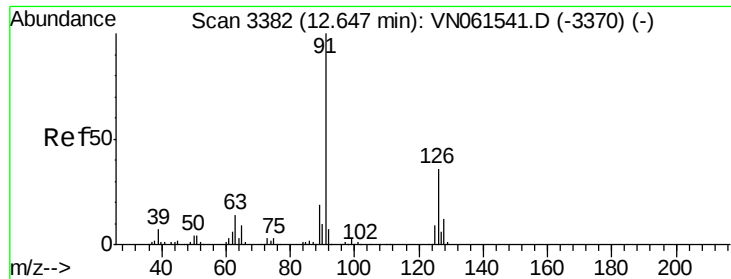
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

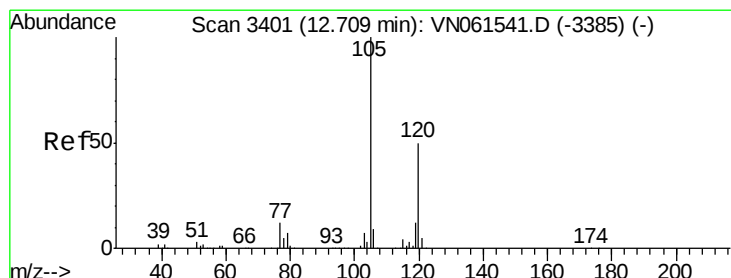
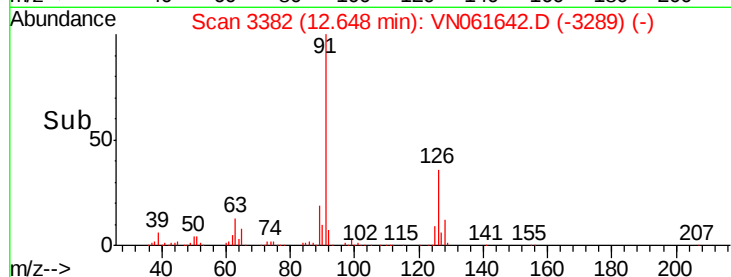
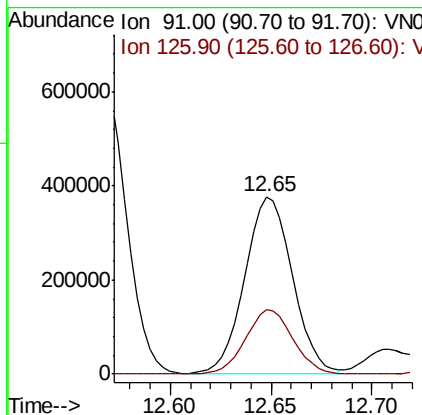
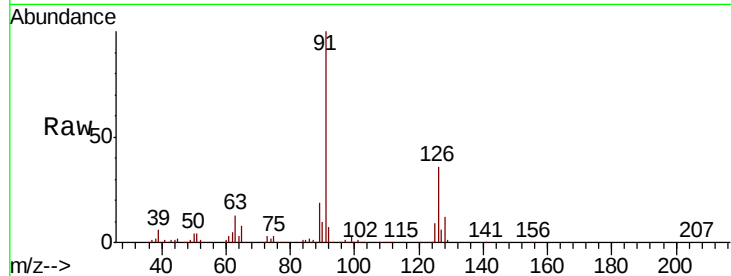




#79
 2-Chlorotoluene
 Concen: 46.166 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

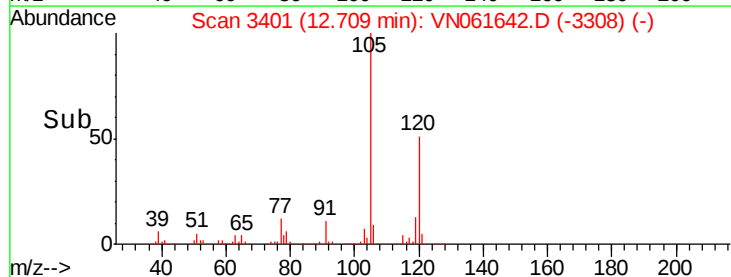
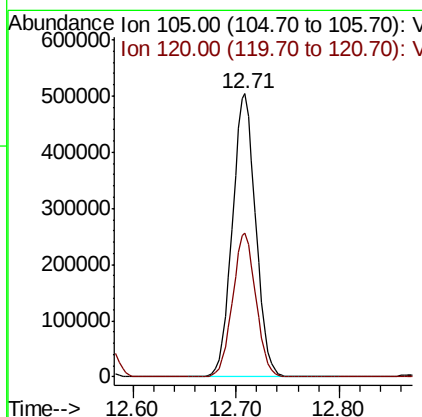
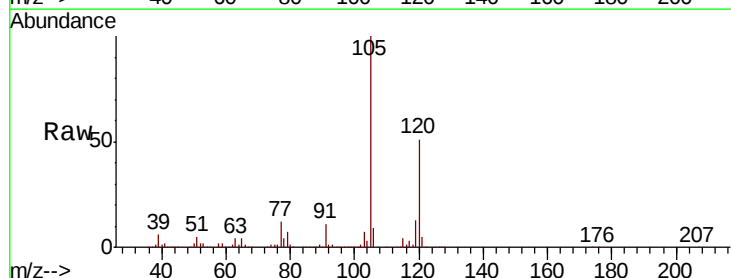
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

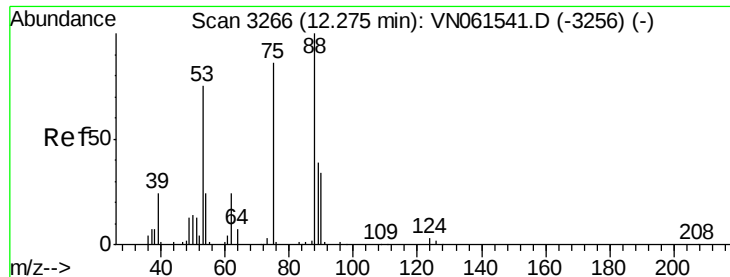
Tot Ion: 91 Resp: 620069
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 47.057 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion: 105 Resp: 793578
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 42.532 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

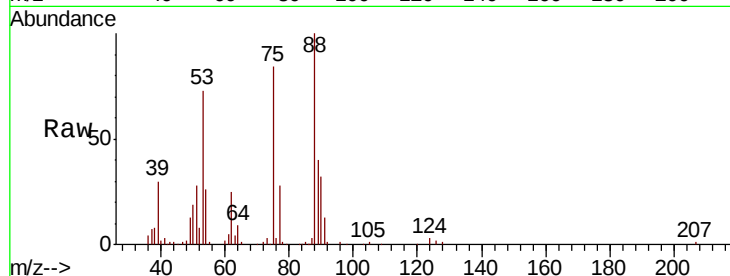
Tot Ion: 75 Resp: 83605

Ion Ratio Lower Upper

75 100

53 88.4 67.8 101.8

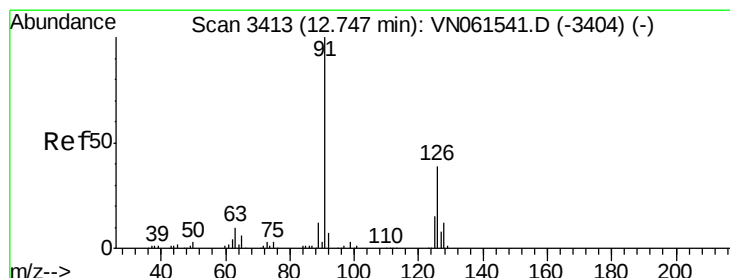
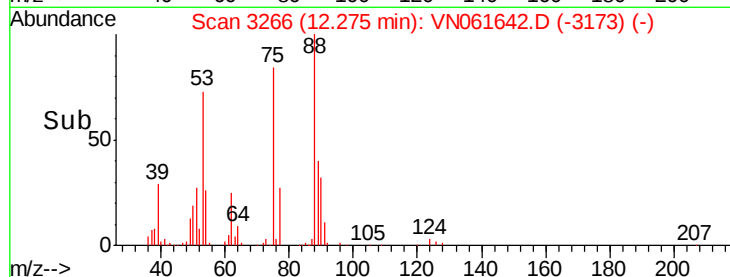
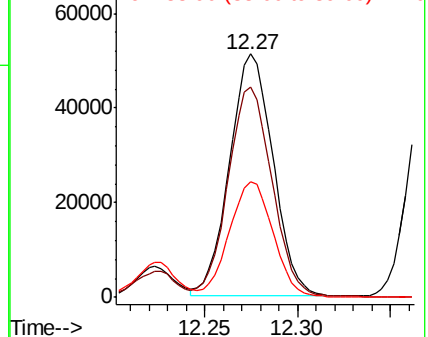
89 48.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.088 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061642.D

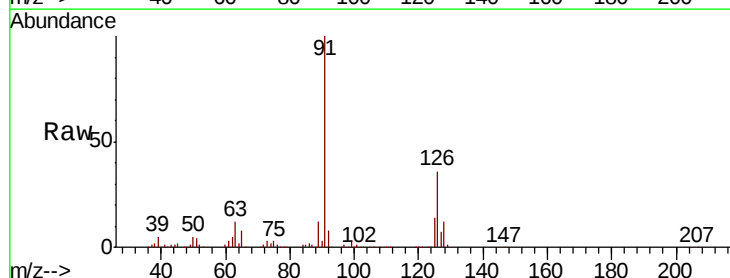
Acq: 3 Jun 2020 17:02

Tgt Ion: 91 Resp: 651219

Ion Ratio Lower Upper

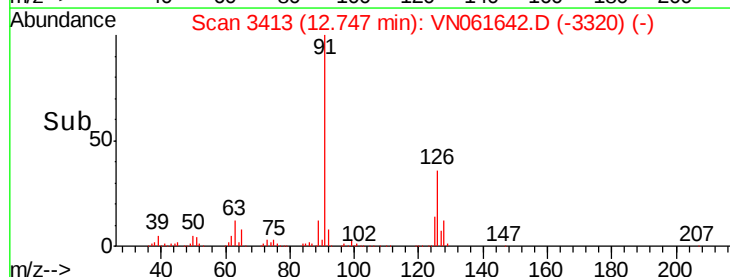
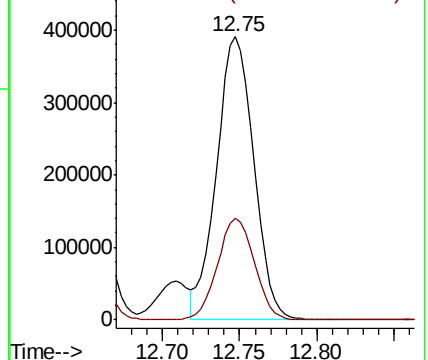
91 100

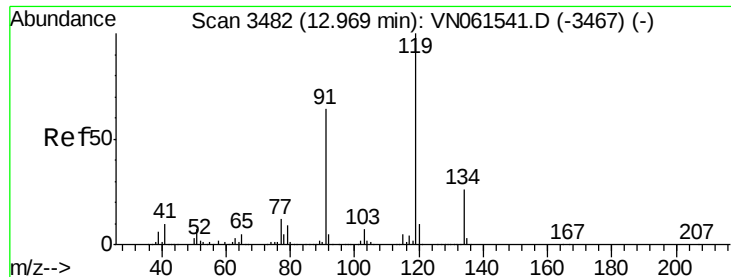
126 35.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

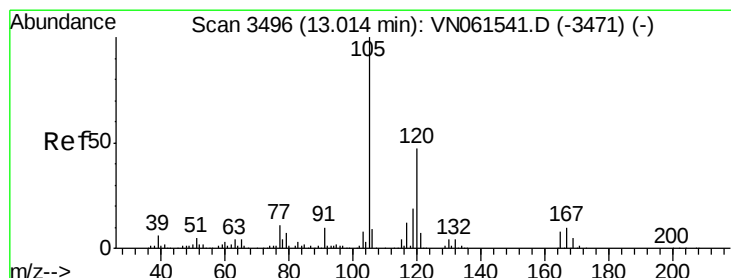
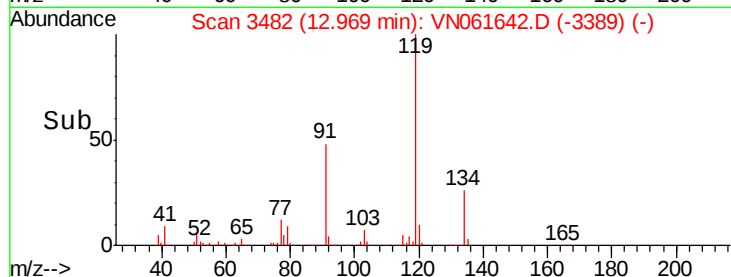
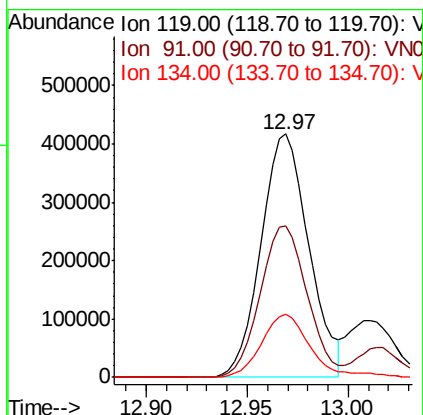
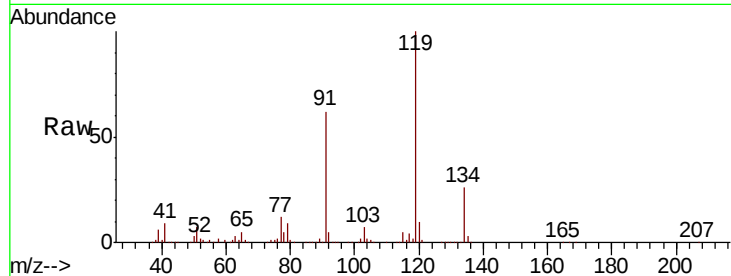




#83
tert-Butylbenzene
Concen: 46.200 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

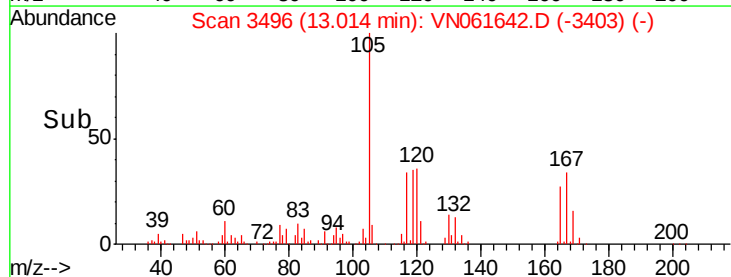
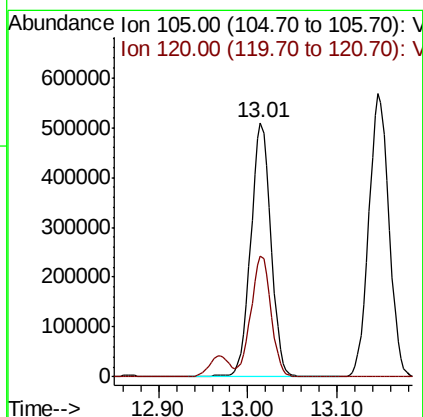
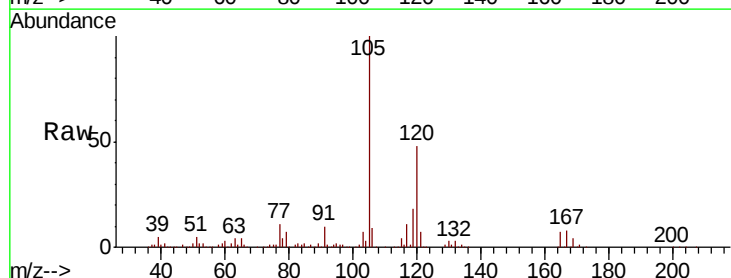
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

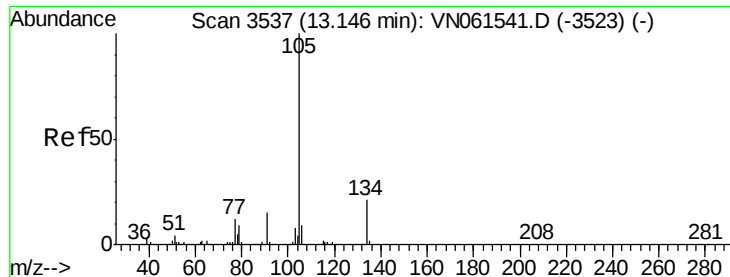
Tot Ion:119 Resp: 688387
Ion Ratio Lower Upper
119 100
91 61.2 31.3 93.8
134 26.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 48.029 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion:105 Resp: 804657
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 46.207 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

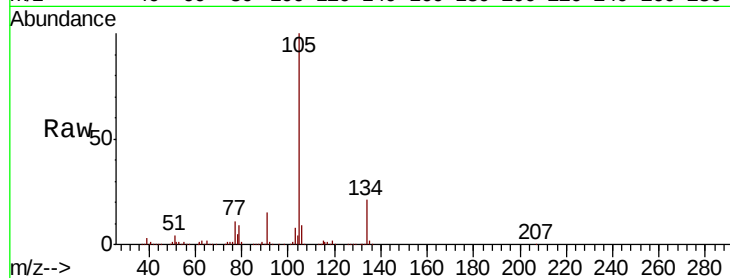
VSTDCCC050EC

Tot Ion:105 Resp: 887185

Ion Ratio Lower Upper

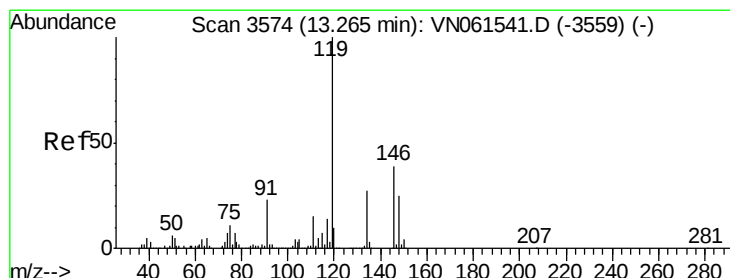
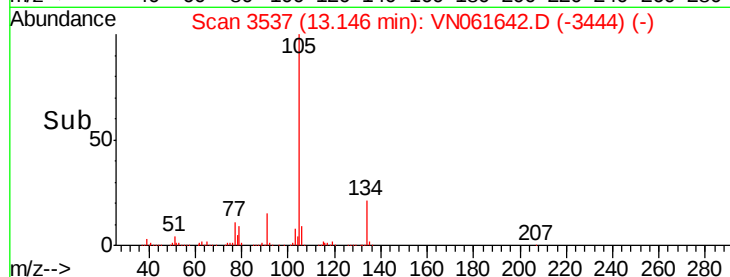
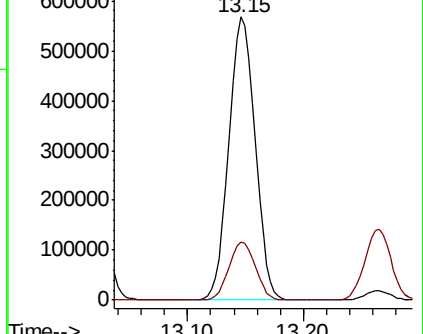
105 100

134 20.8 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.820 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

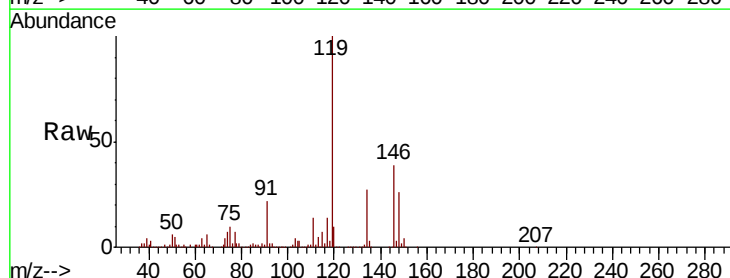
Tgt Ion:119 Resp: 827872

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

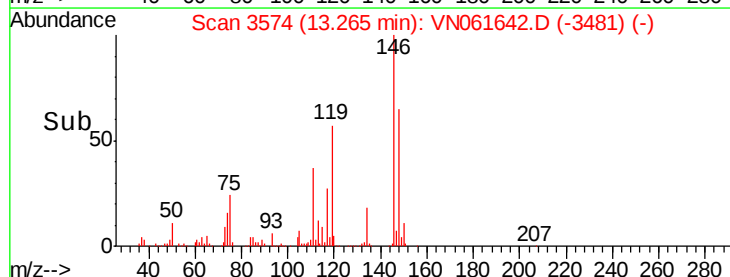
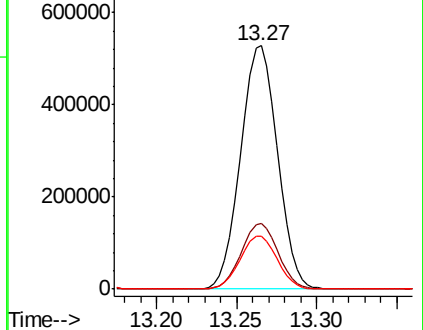
91 22.0 11.4 34.1

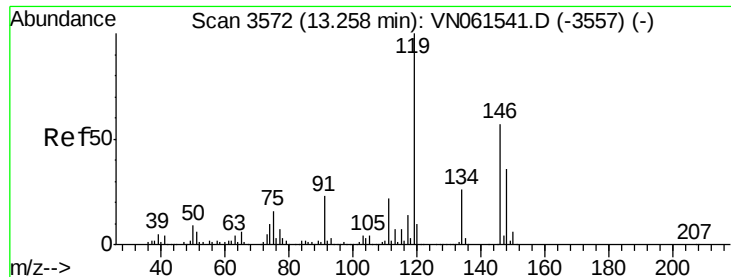


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

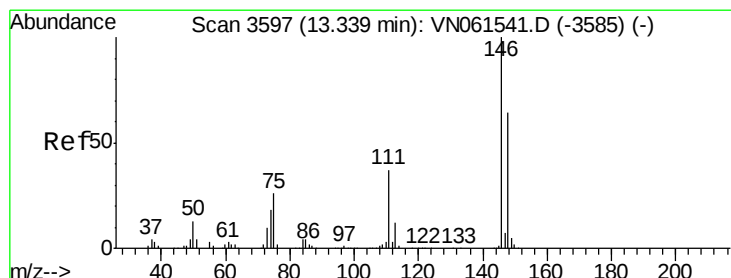
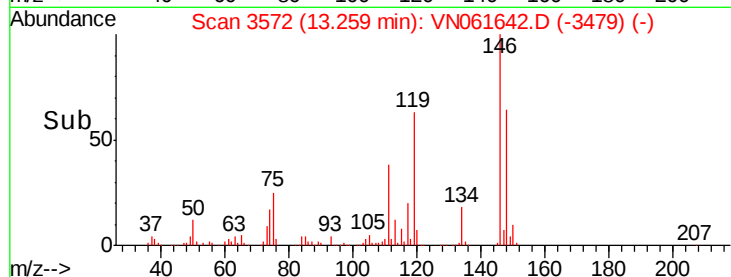
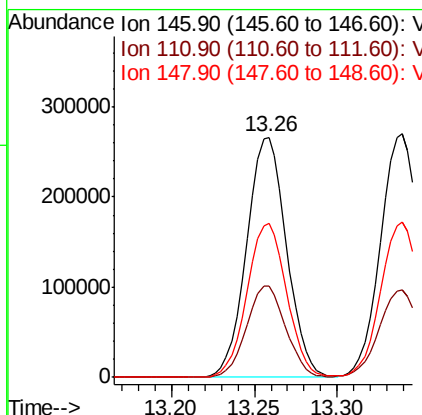
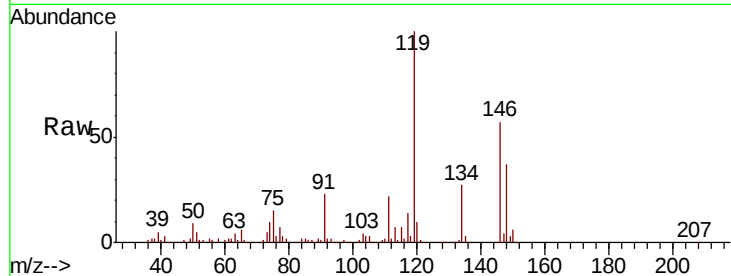




#87
 1,3-Dichlorobenzene
 Concen: 48.714 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

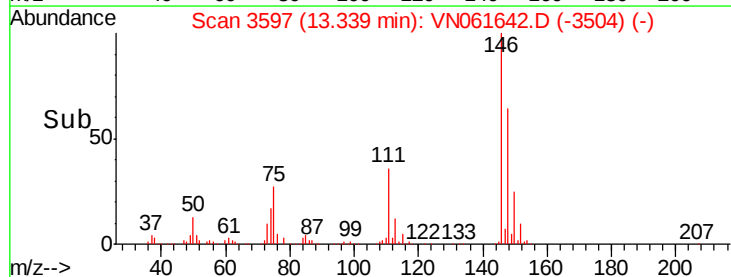
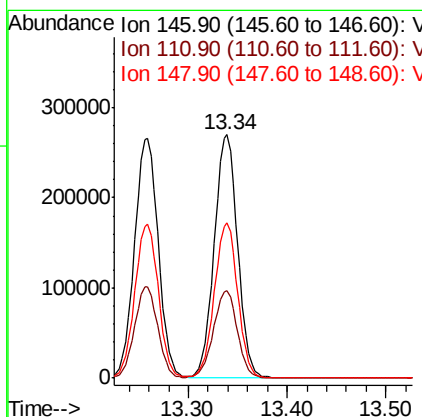
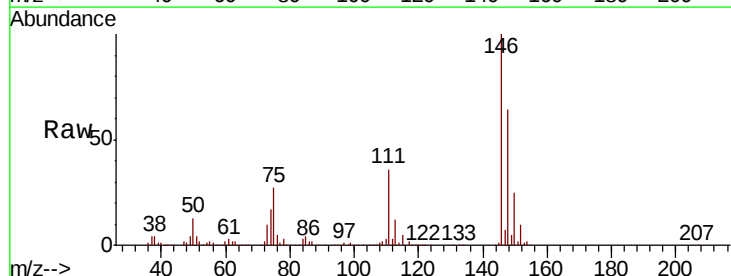
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

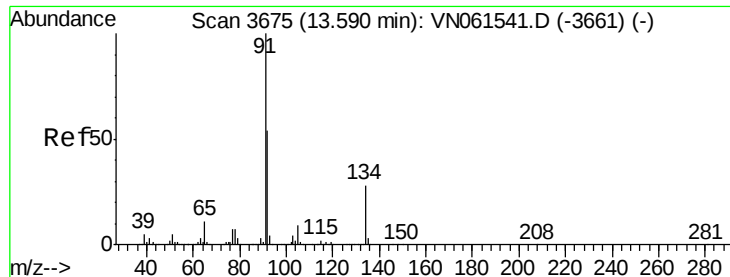
Tot Ion:146 Resp: 444282
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.2 57.6
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.311 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion:146 Resp: 448860
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.9 56.9
 148 63.4 31.8 95.3

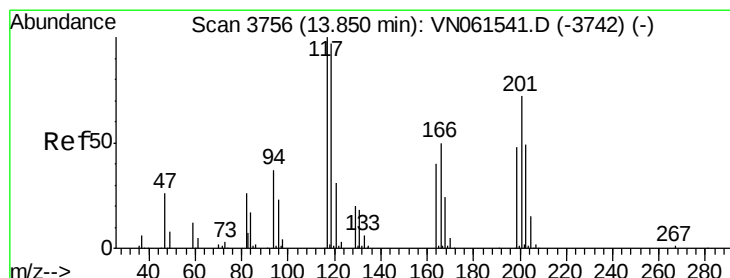
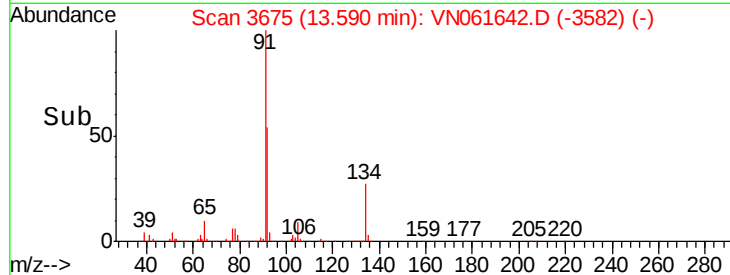
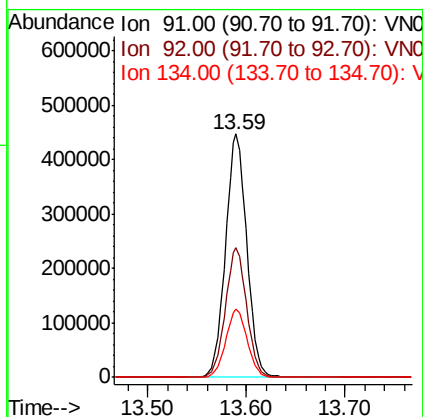
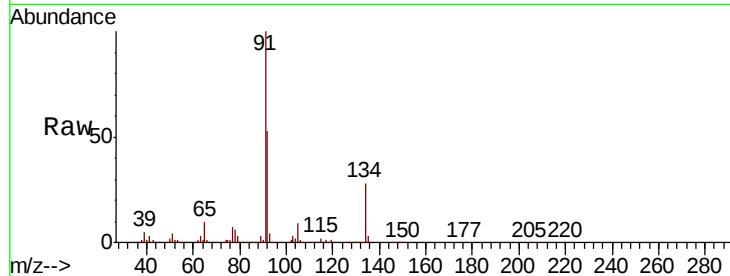




#89
n-Butylbenzene
Concen: 45.786 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

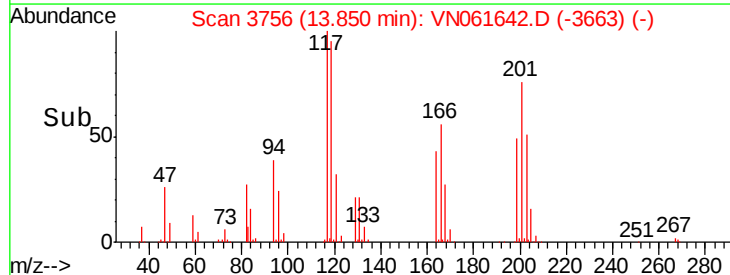
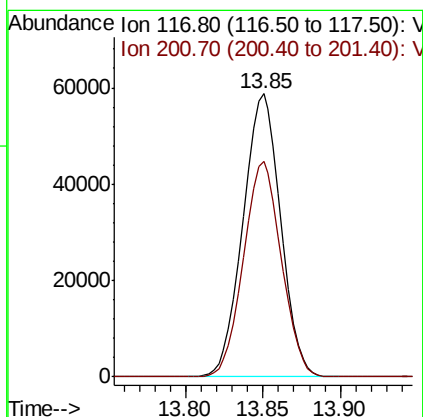
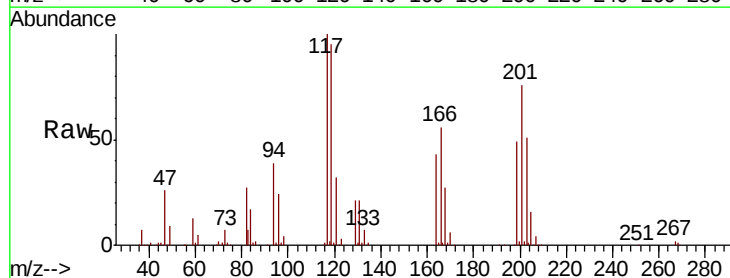
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

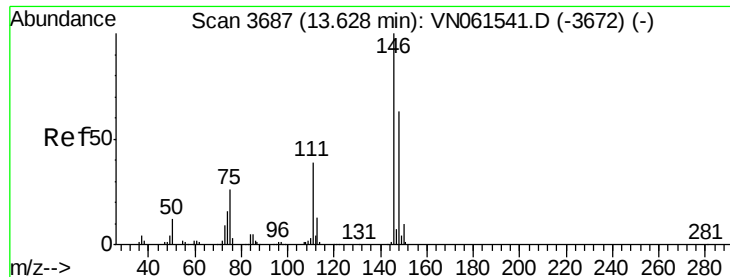
Tot Ion: 91 Resp: 678093
Ion Ratio Lower Upper
91 100
92 53.4 27.2 81.6
134 28.2 14.0 42.0



#90
Hexachloroethane
Concen: 51.025 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061642.D
Acq: 3 Jun 2020 17:02

Tgt Ion: 117 Resp: 99778
Ion Ratio Lower Upper
117 100
201 76.3 36.7 110.1

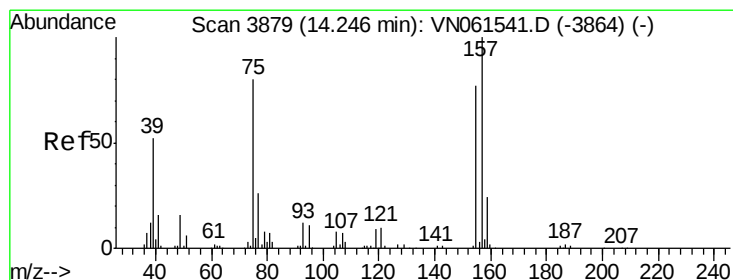
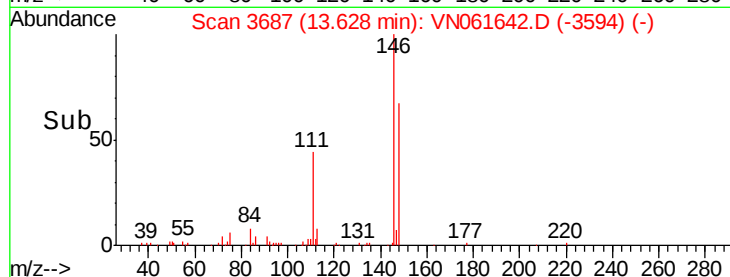
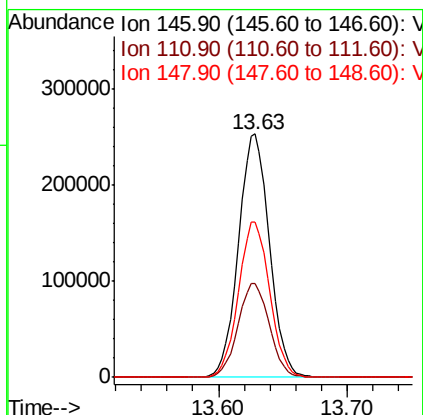
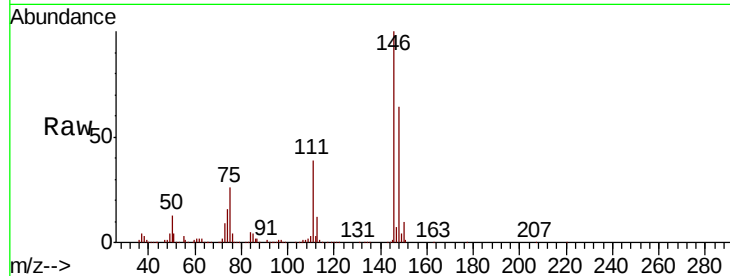




#91
 1,2-Dichlorobenzene
 Concen: 48.551 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

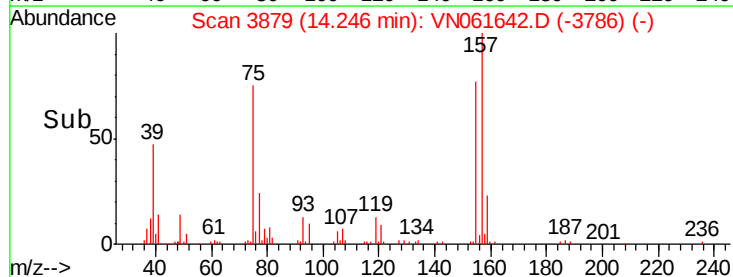
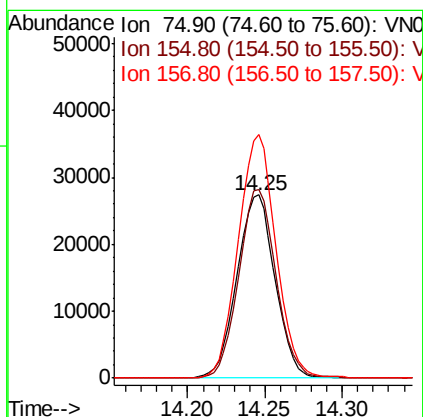
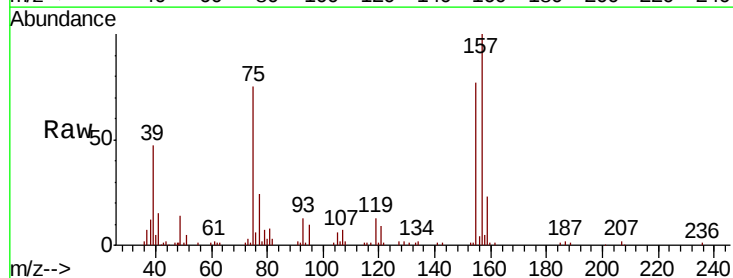
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

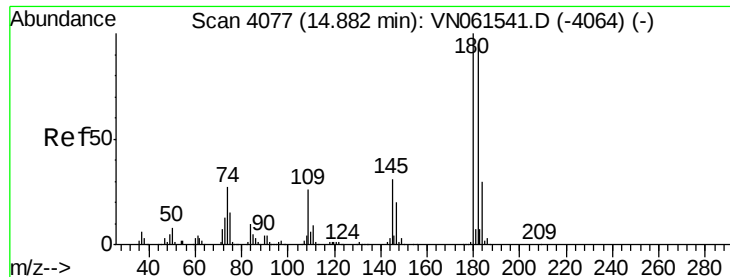
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.2
148	64.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.654 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	47.1	141.4
157	131.6	60.3	180.8

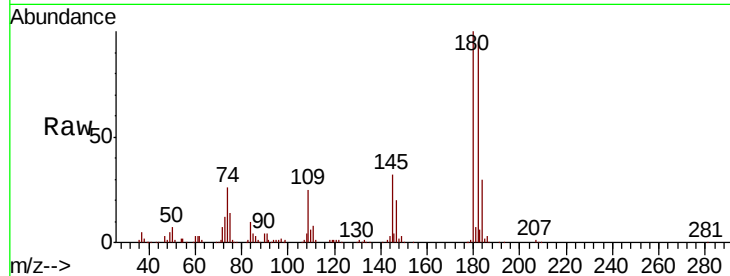




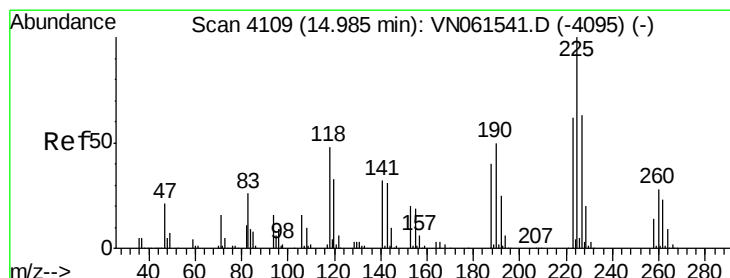
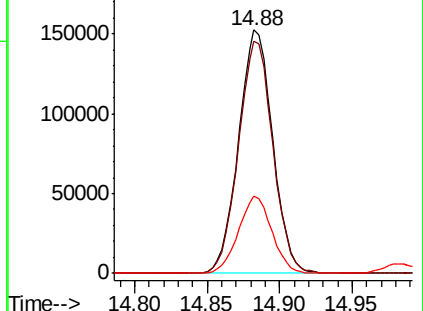
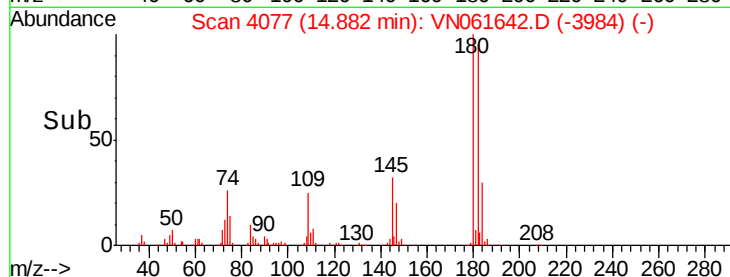
#93
 1,2,4-Trichlorobenzene
 Concen: 48.934 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 249433
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 30.9 15.5 46.5

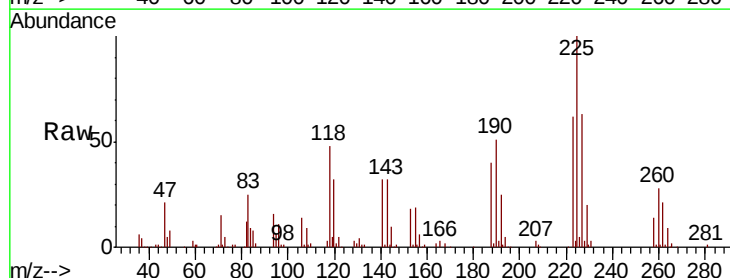


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

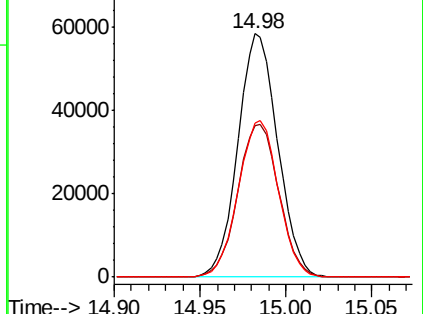
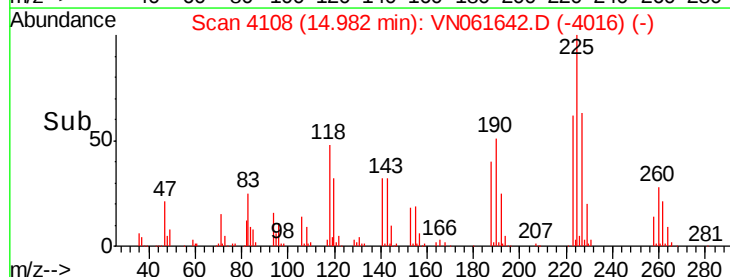


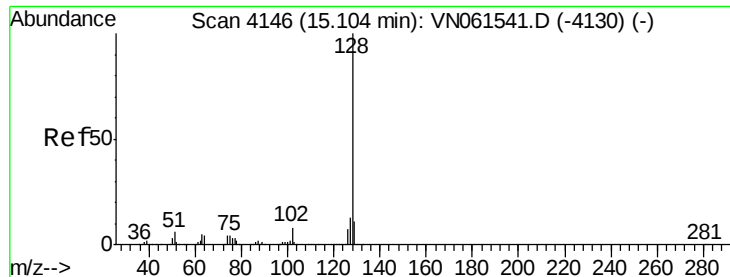
#94
 Hexachlorobutadiene
 Concen: 43.302 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061642.D
 Acq: 3 Jun 2020 17:02

Tgt Ion:225 Resp: 94136
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.9 95.5
 227 64.7 31.9 95.9



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





#95

Naphthalene

Concen: 47.887 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

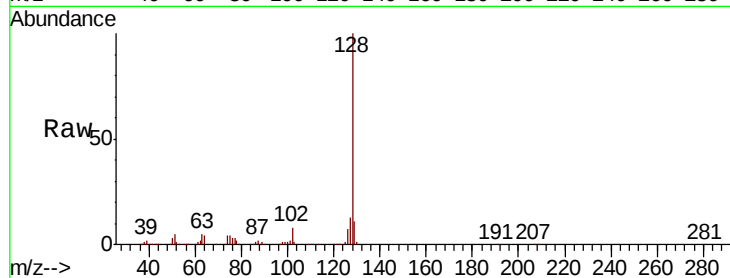
Tot Ion:128 Resp: 742966

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.7 8.5 12.7

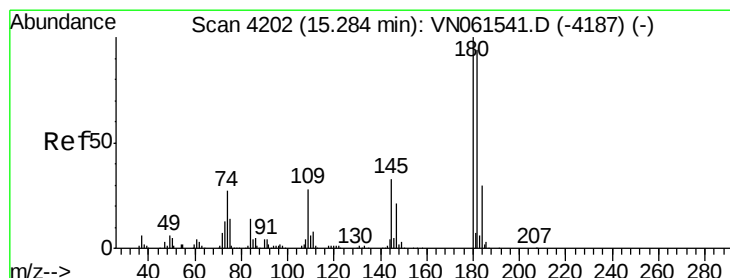
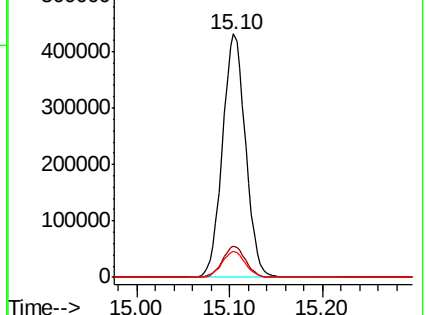
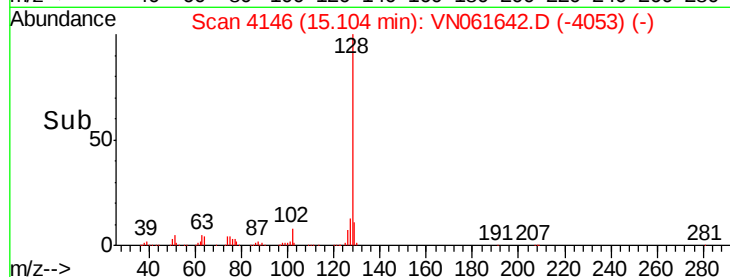


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.003 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061642.D

Acq: 3 Jun 2020 17:02

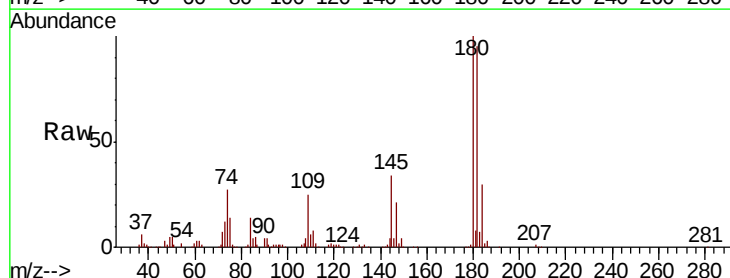
Tgt Ion:180 Resp: 240576

Ion Ratio Lower Upper

180 100

182 95.7 47.1 141.3

145 33.4 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

