

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062991.D
 Acq On : 18 Aug 2020 00:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 18 05:56:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	158692	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.55	113	132116	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.06	98	512754	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.38	95	148791	39.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139316	44.845	ug/l	99
3) Chloromethane	2.03	50	132553	44.734	ug/l	99
4) Vinyl Chloride	2.16	62	187108	50.000	ug/l	99
5) Bromomethane	2.51	94	105452	39.762	ug/l	96
6) Chloroethane	2.66	64	111895	43.905	ug/l	95
7) Trichlorofluoromethane	2.98	101	228537	43.842	ug/l	97
8) Diethyl Ether	3.37	74	78324	49.018	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	113965	45.777	ug/l	96
10) Methyl Iodide	3.91	142	157997	49.784	ug/l	99
11) Tert butyl alcohol	4.74	59	122319	245.603	ug/l	100
12) 1,1-Dichloroethene	3.70	96	107240	45.377	ug/l	96
13) Acrolein	3.57	56	60814	203.527	ug/l	98
14) Allyl chloride	4.27	41	191267	52.415	ug/l	98
15) Acrylonitrile	4.93	53	362904	276.306	ug/l	99
16) Acetone	3.78	43	272078	241.108	ug/l	98
17) Carbon Disulfide	4.01	76	299164	44.113	ug/l	100
18) Methyl Acetate	4.28	43	163498	62.733	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	418784	54.247	ug/l	97
20) Methylene Chloride	4.50	84	137871	50.546	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	117626	47.516	ug/l	96
22) Diisopropyl ether	5.90	45	485075	61.519	ug/l	97
23) Vinyl Acetate	5.84	43	1620700	291.603	ug/l	97
24) 1,1-Dichloroethane	5.80	63	251987	54.659	ug/l	99
25) 2-Butanone	6.79	43	474474	291.741	ug/l	93
26) 2,2-Dichloropropane	6.78	77	160432	42.100	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	147211	50.124	ug/l	95
28) Bromochloromethane	7.15	49	131850	59.326	ug/l	81
29) Tetrahydrofuran	7.17	42	318039	322.492	ug/l	92
30) Chloroform	7.33	83	252895	52.605	ug/l	99
31) Cyclohexane	7.62	56	242970	54.048	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	206305	51.701	ug/l	97
36) 1,1-Dichloropropene	7.75	75	174326	48.671	ug/l	98
37) Ethyl Acetate	6.88	43	183093	55.956	ug/l	95
38) Carbon Tetrachloride	7.73	117	174438	46.097	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	231533	48.710	ug/l	95
40) Benzene	8.00	78	566354	49.990	ug/l	100
41) Methacrylonitrile	7.13	41	93811	58.460	ug/l #	77
42) 1,2-Dichloroethane	8.08	62	192303	51.712	ug/l	96
43) Isopropyl Acetate	8.13	43	292652	56.293	ug/l #	87
44) Trichloroethene	8.80	130	137919	45.153	ug/l	98
45) 1,2-Dichloropropane	9.08	63	161322	51.106	ug/l	100
46) Dibromomethane	9.17	93	96648	49.177	ug/l	93
47) Bromodichloromethane	9.37	83	207469	52.046	ug/l	97
48) Methyl methacrylate	9.17	41	145956	57.398	ug/l	93
49) 1,4-Dioxane	9.17	88	53833	1000.935	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	1012397	291.064	ug/l	95
52) Toluene	10.12	92	351727	49.142	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	218326	50.773	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	234849	50.598	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	149212	49.183	ug/l	95
56) Ethyl methacrylate	10.40	69	224515	47.892	ug/l	94
57) 1,3-Dichloropropane	10.68	76	248195	51.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	255561	280.801	ug/l	94
59) 2-Hexanone	10.72	43	728682	306.653	ug/l	96
60) Dibromochloromethane	10.88	129	161960	47.969	ug/l	100
61) 1,2-Dibromoethane	10.98	107	149782	48.364	ug/l	97
64) Tetrachloroethene	10.60	164	125291	46.038	ug/l	99
65) Chlorobenzene	11.41	112	380422	46.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	148913	47.210	ug/l	98
67) Ethyl Benzene	11.48	91	682934	49.914	ug/l	97
68) m/p-Xylenes	11.60	106	520709	100.784	ug/l	97
69) o-Xylene	11.92	106	247391	50.408	ug/l	97
70) Styrene	11.94	104	442930	52.035	ug/l	98
71) Bromoform	12.10	173	124448	47.200	ug/l #	99
73) Isopropylbenzene	12.22	105	665085	57.103	ug/l	99
74) N-amyl acetate	12.05	43	270455	67.640	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	172555	47.065	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	207632	62.934	ug/l #	100
77) Bromobenzene	12.50	156	150710	44.881	ug/l	97
78) n-propylbenzene	12.57	91	611477	44.996	ug/l	100
79) 2-Chlorotoluene	12.65	91	369682	45.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	467302	47.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69099	55.494	ug/l	98
82) 4-Chlorotoluene	12.75	91	374917	45.047	ug/l	100
83) tert-Butylbenzene	12.97	119	402939	47.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	465179	49.057	ug/l	100
85) sec-Butylbenzene	13.15	105	530565	47.705	ug/l	100
86) p-Isopropyltoluene	13.26	119	489099	49.420	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	261646	47.312	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	260230	45.658	ug/l	99
89) n-Butylbenzene	13.59	91	376369	46.820	ug/l	99
90) Hexachloroethane	13.85	117	90487	45.074	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	253411	47.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29890	47.183	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
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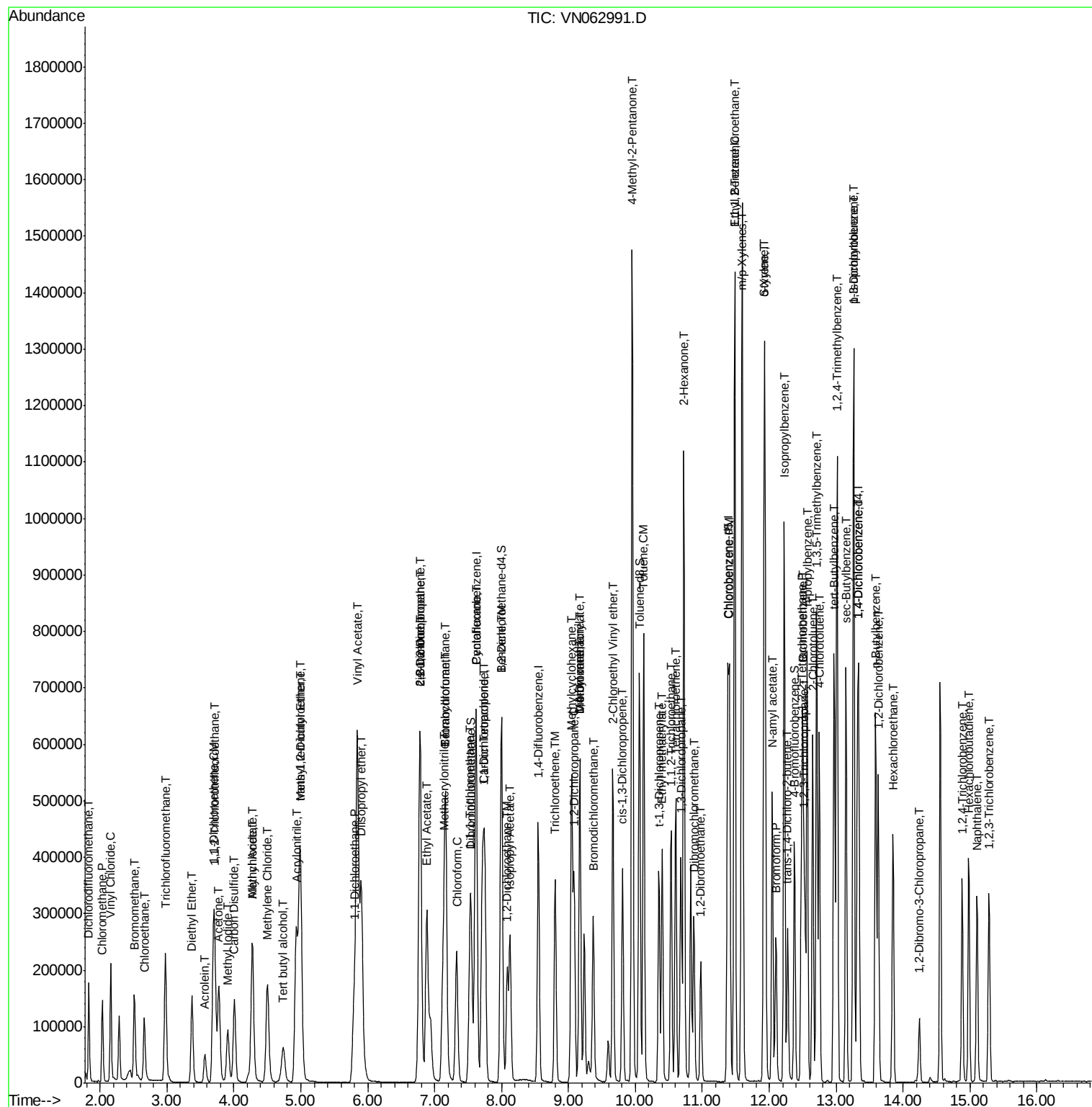
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	131578	43.838	ug/l	99
94) Hexachlorobutadiene	14.98	225	90055	43.649	ug/l	99
95) Naphthalene	15.10	128	302567	49.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129879	43.830	ug/l	98

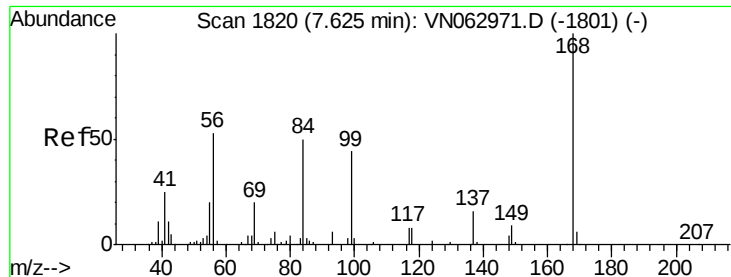
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

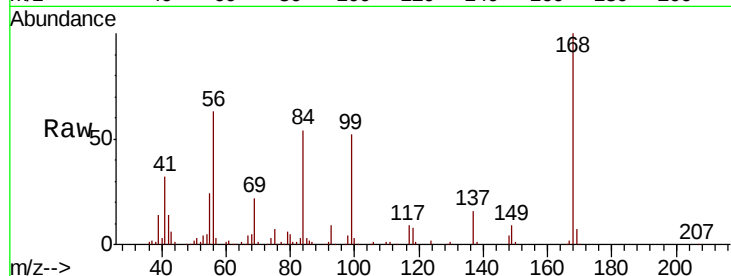
VSTDCCC050EC

Tot Ion:168 Resp: 275119

Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

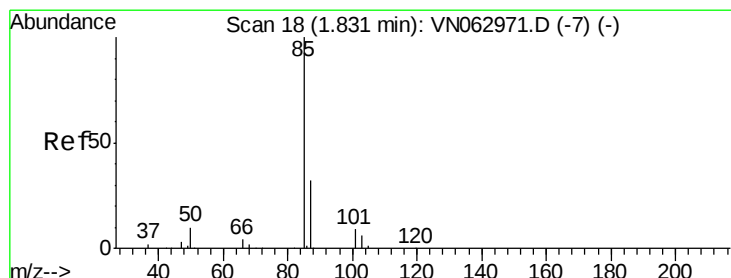
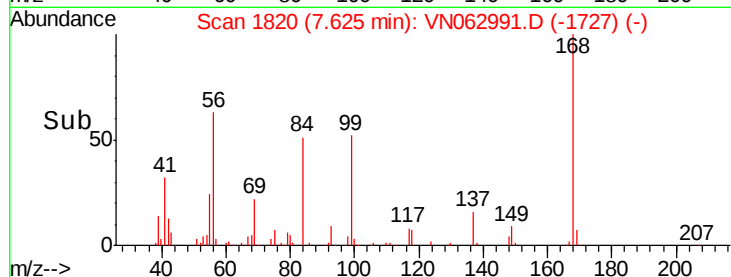
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.845 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062991.D

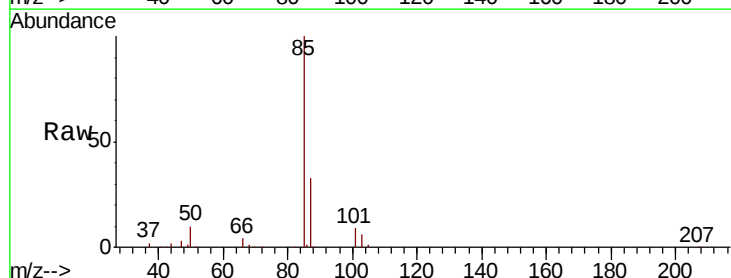
Acq: 18 Aug 2020 00:21

Tgt Ion: 85 Resp: 139316

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

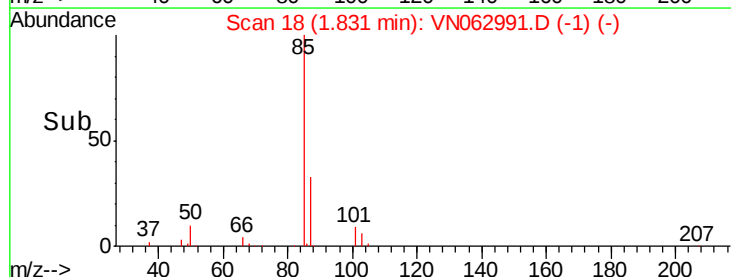
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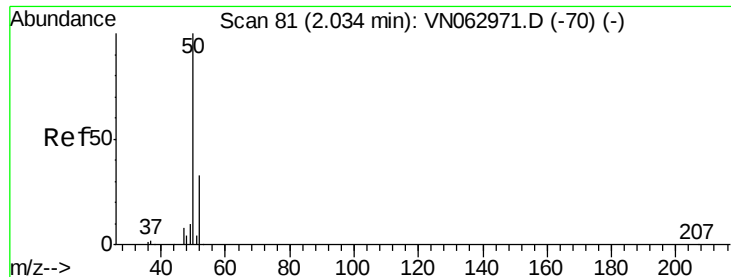
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.734 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

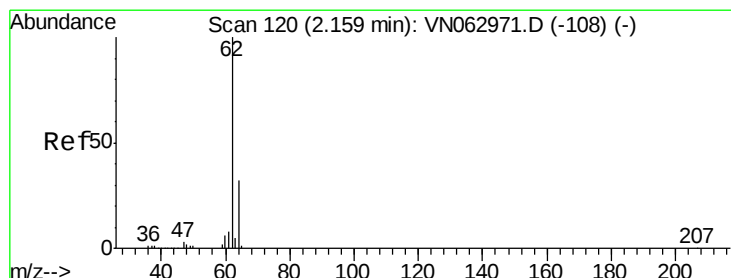
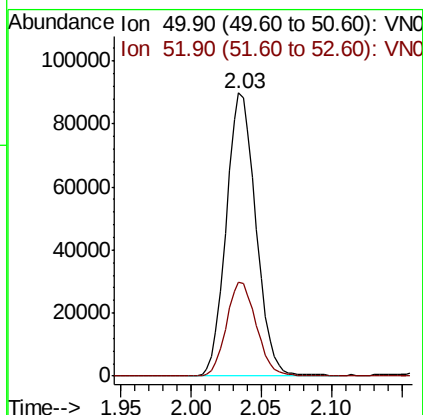
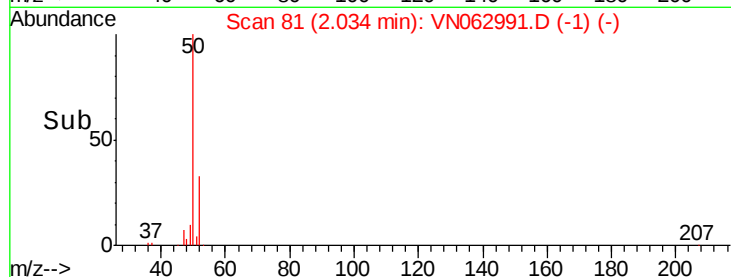
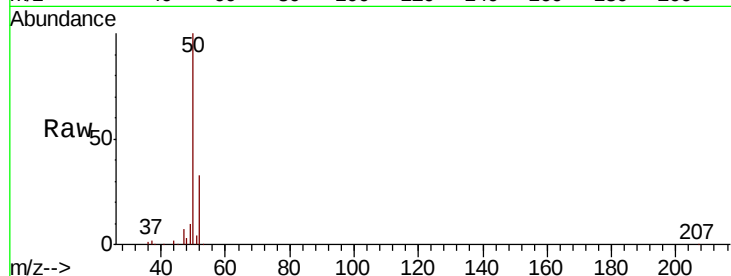
VSTDCCC050EC

Tot Ion: 50 Resp: 132553

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 50.000 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062991.D

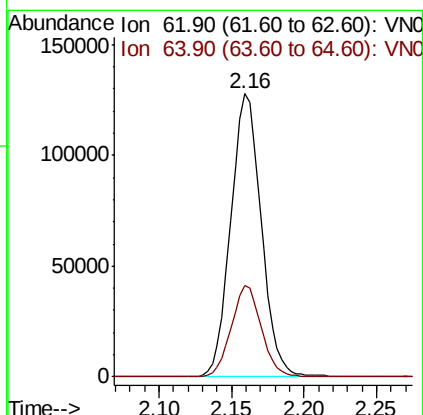
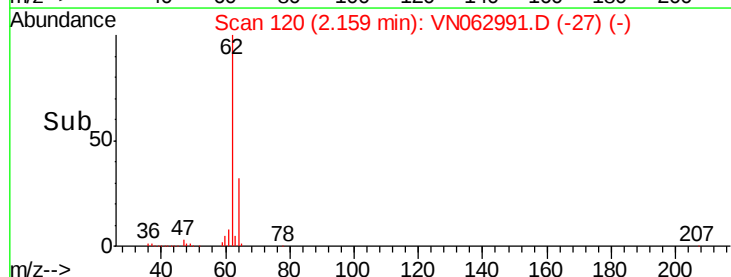
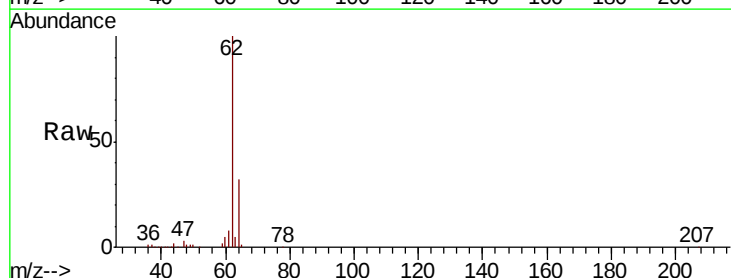
Acq: 18 Aug 2020 00:21

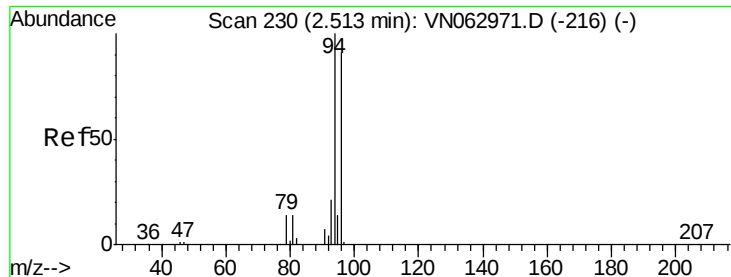
Tgt Ion: 62 Resp: 187108

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 39.762 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

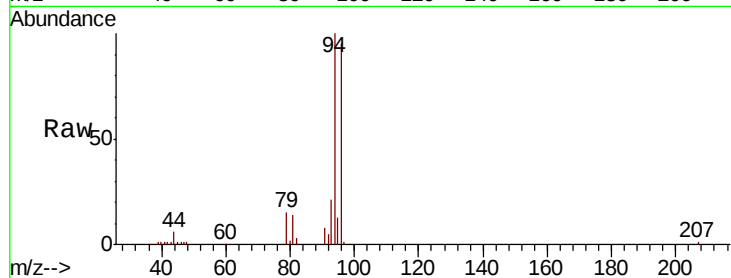
VSTDCCC050EC

Tot Ion: 94 Resp: 105452

Ion Ratio Lower Upper

94 100

96 94.9 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN062991.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062991.D (-216) (-)

2.51

60000

50000

40000

30000

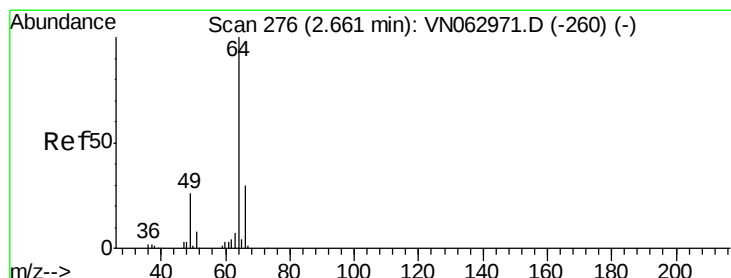
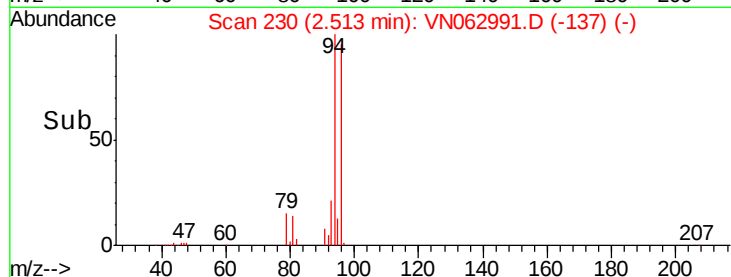
20000

10000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 43.905 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062991.D

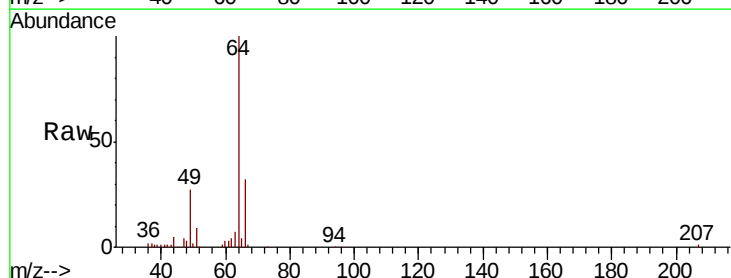
Acq: 18 Aug 2020 00:21

Tgt Ion: 64 Resp: 111895

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN062991.D (-260) (-)

Ion 65.90 (65.60 to 66.60): VN062991.D (-260) (-)

2.66

60000

50000

40000

30000

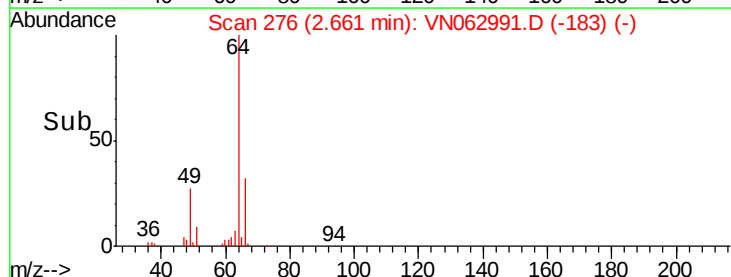
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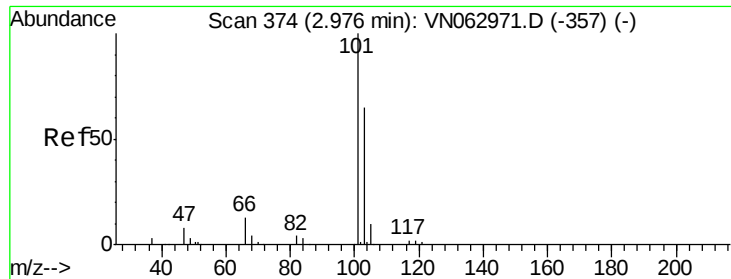
10000

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Time-->

2.55 2.60 2.65 2.70 2.75



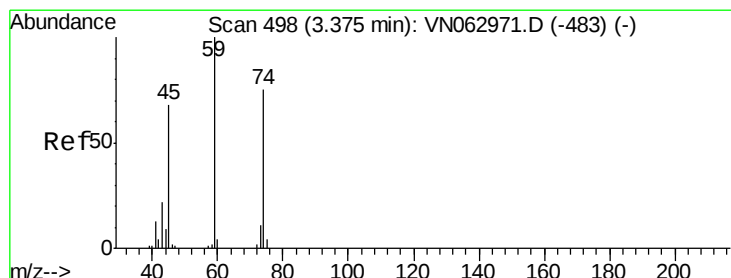
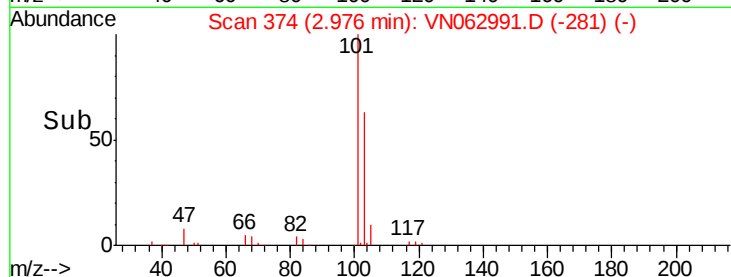
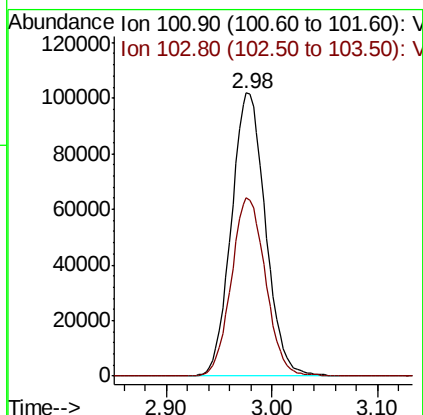
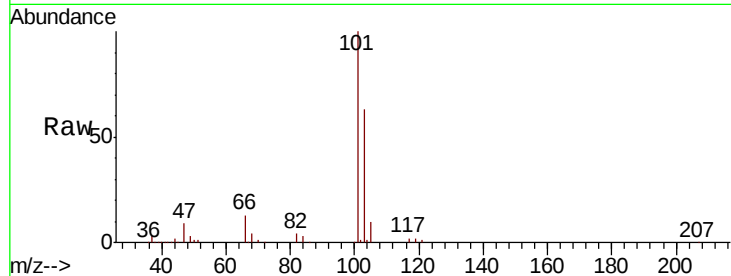


#7

Trichlorofluoromethane
 Concen: 43.842 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
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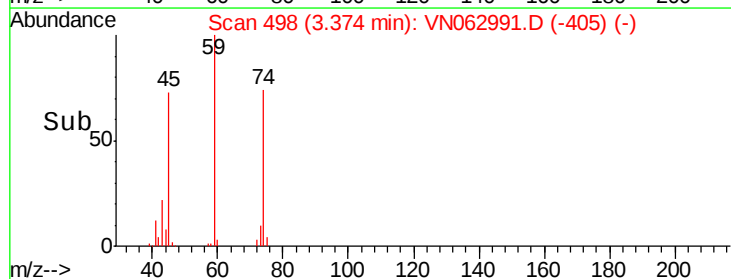
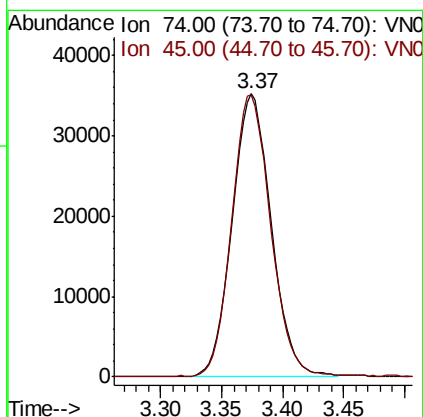
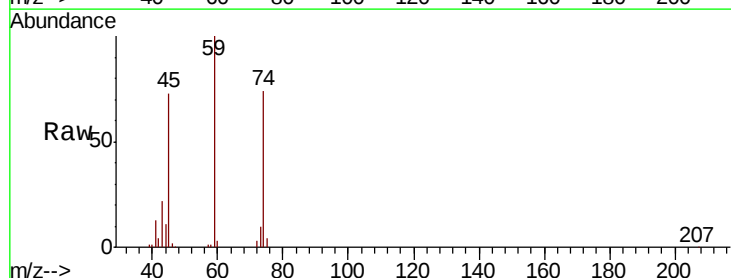
Tot Ion:101 Resp: 228537
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.2 78.4

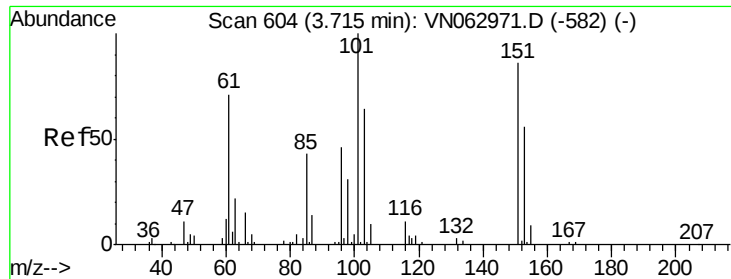


#8

Diethyl Ether
 Concen: 49.018 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 74 Resp: 78324
 Ion Ratio Lower Upper
 74 100
 45 99.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.777 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

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VSTDCCC050EC

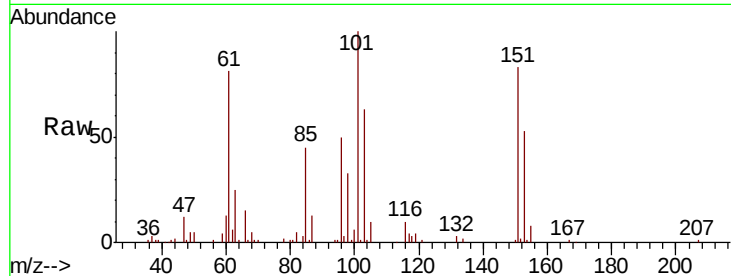
Tot Ion:101 Resp: 113965

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

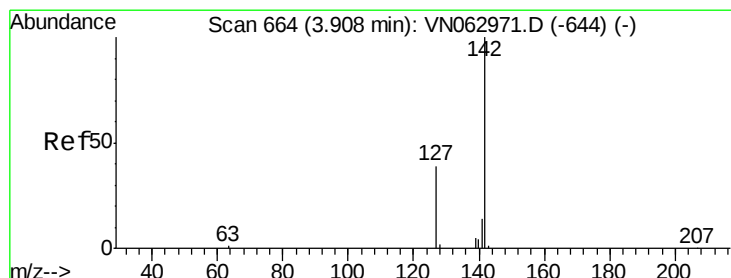
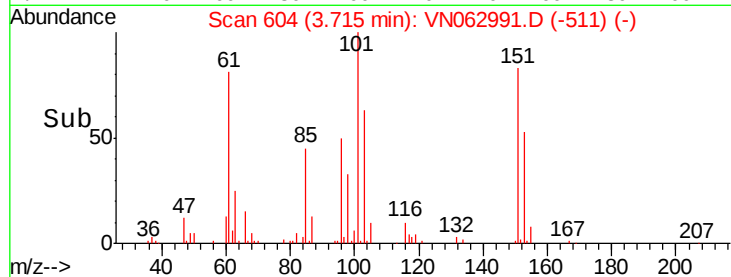
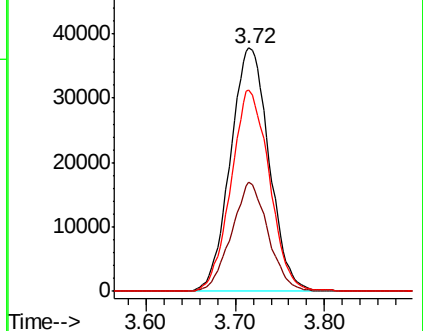
151 81.8 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.784 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

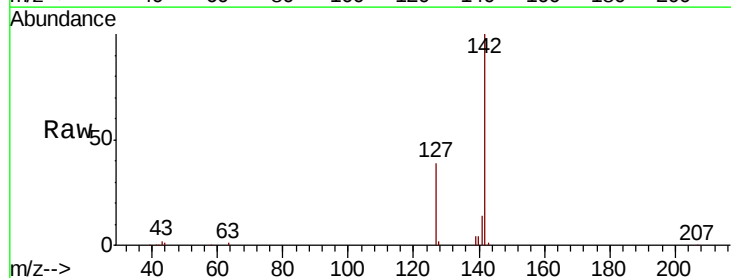
Tgt Ion:142 Resp: 157997

Ion Ratio Lower Upper

142 100

127 39.6 31.9 47.9

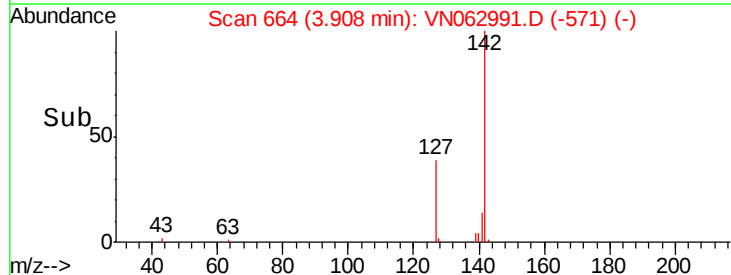
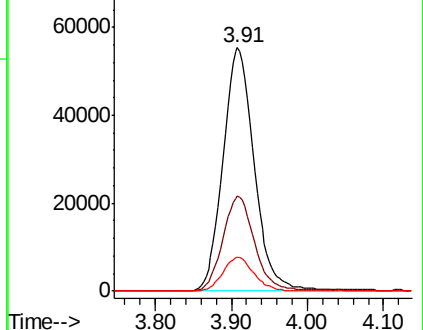
141 13.8 11.4 17.2

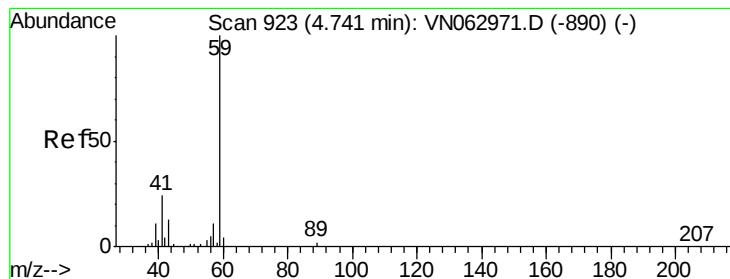


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 245.603 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

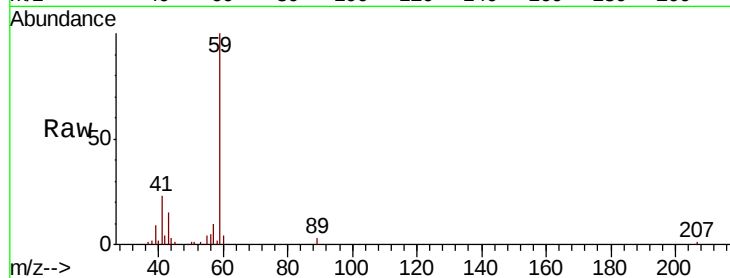
VSTDCCC050EC

Tot Ion: 59 Resp: 122319

Ion Ratio Lower Upper

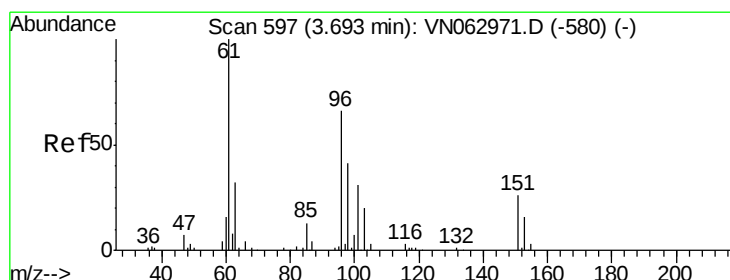
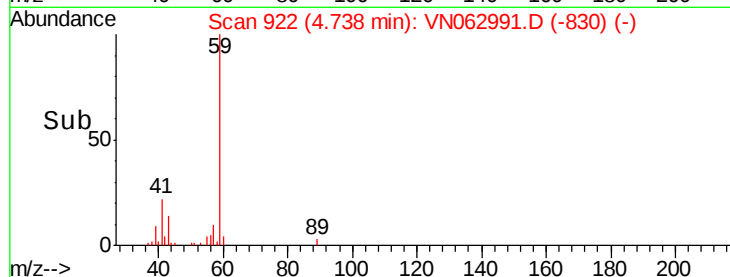
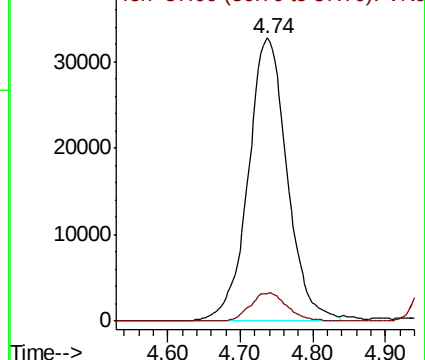
59 100

57 9.4 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 45.377 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

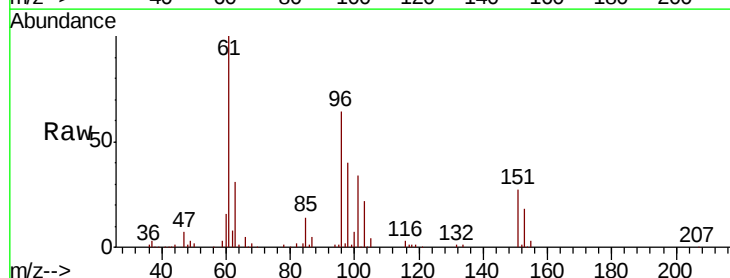
Tgt Ion: 96 Resp: 107240

Ion Ratio Lower Upper

96 100

61 156.9 120.4 180.6

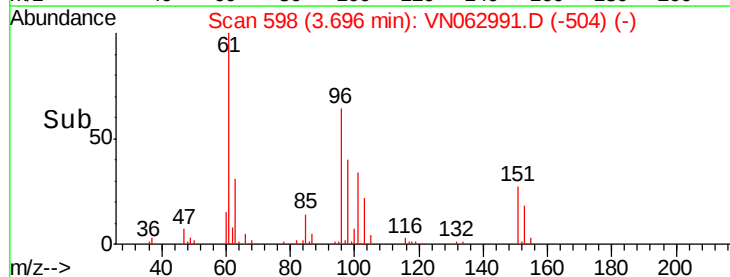
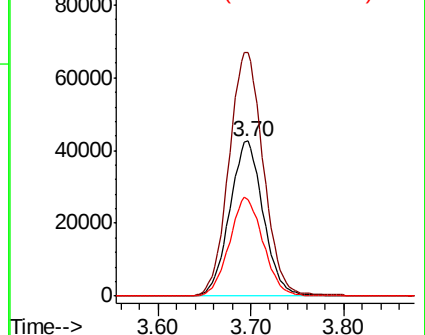
98 62.4 49.8 74.6

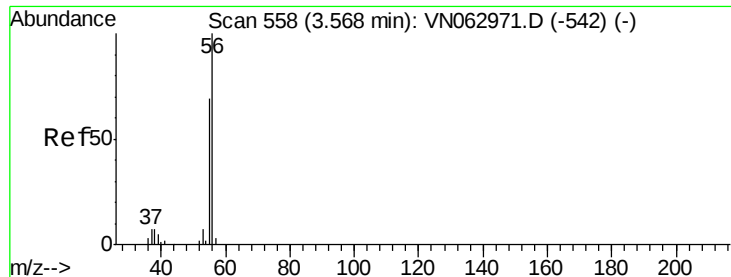


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 203.527 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

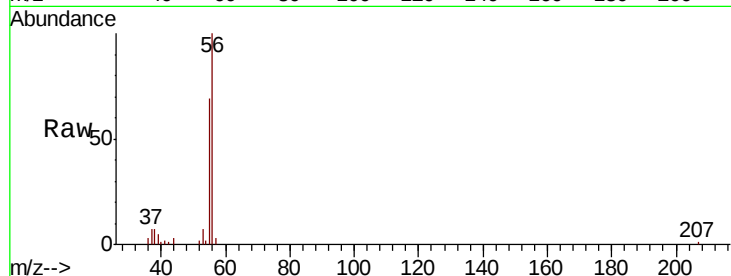
VSTDCCC050EC

Tot Ion: 56 Resp: 60814

Ion Ratio Lower Upper

56 100

55 71.8 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN062991.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062991.D (-542) (-)

3.57

25000

20000

15000

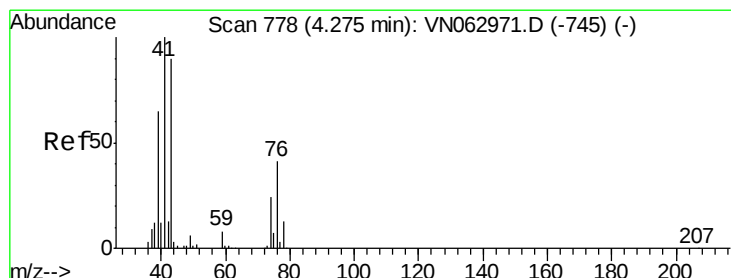
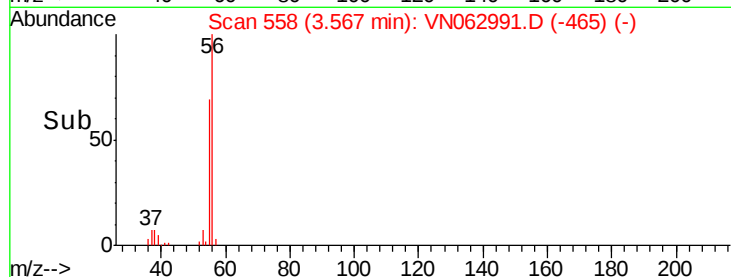
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 52.415 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

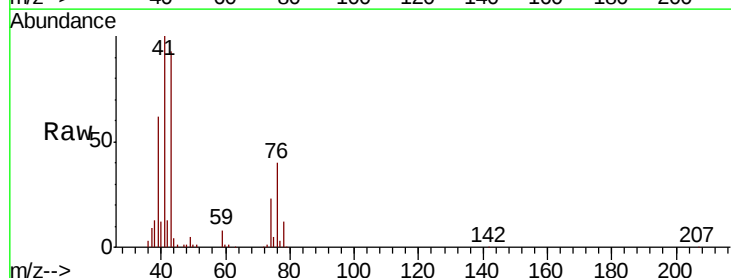
Tgt Ion: 41 Resp: 191267

Ion Ratio Lower Upper

41 100

39 57.8 46.7 70.1

76 34.9 30.2 45.4



Abundance Ion 41.00 (40.70 to 41.70): VN062991.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN062991.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN062991.D (-745) (-)

4.27

80000

60000

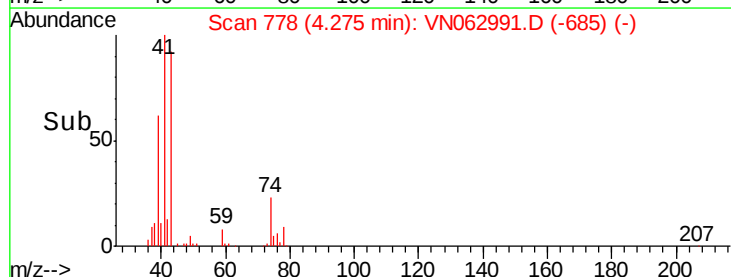
40000

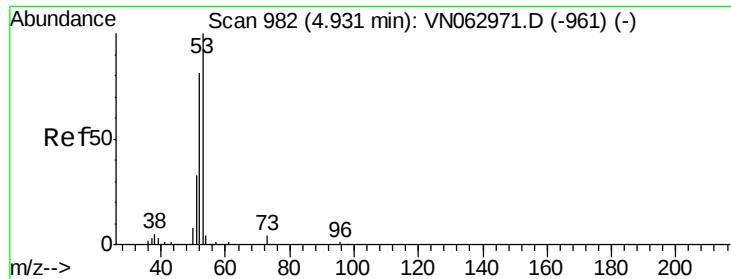
20000

0

Time-->

4.10 4.20 4.30 4.40

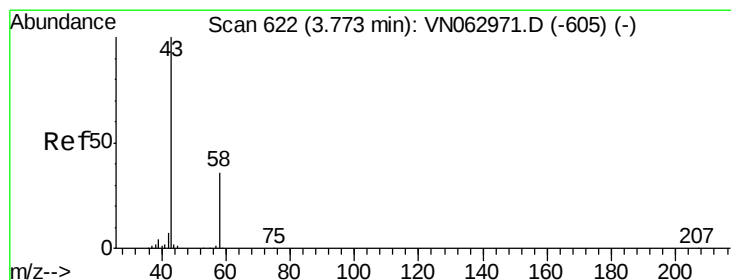
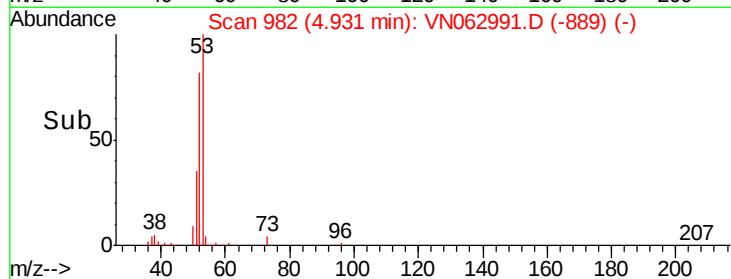
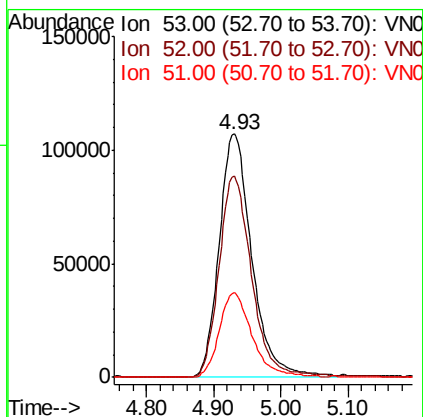
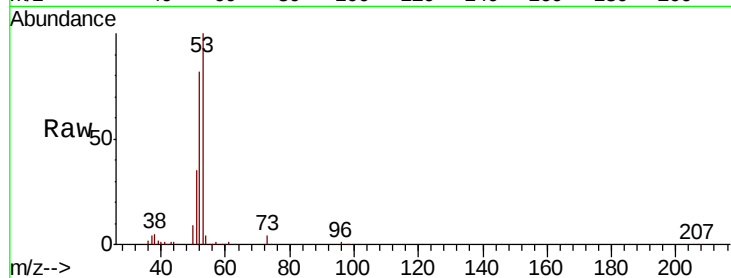




#15
 Acrylonitrile
 Concen: 276.306 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

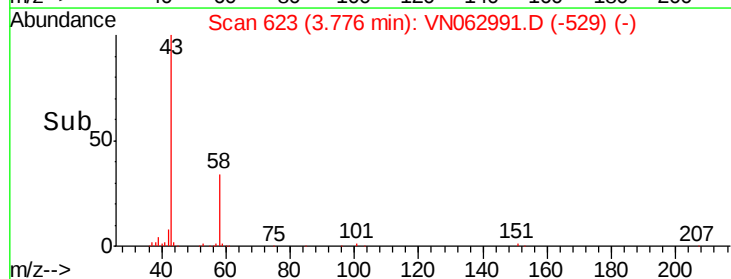
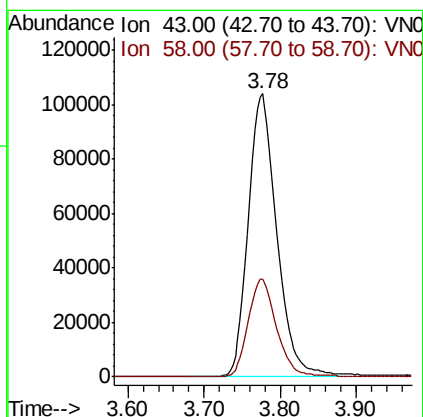
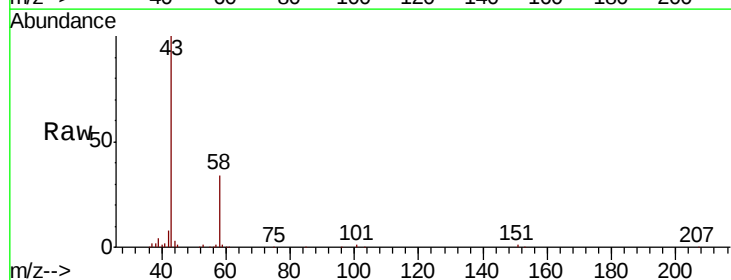
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

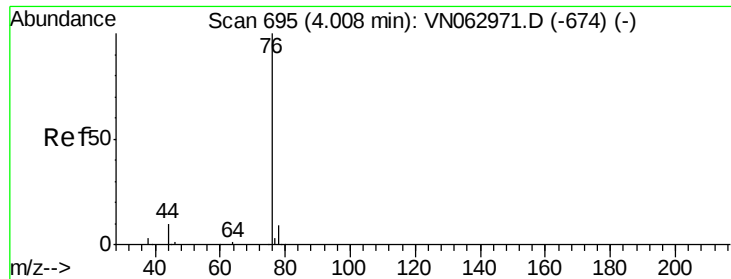
Tot Ion: 53 Resp: 362904
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.0 97.6
 51 35.2 27.4 41.2



#16
 Acetone
 Concen: 241.108 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 43 Resp: 272078
 Ion Ratio Lower Upper
 43 100
 58 34.5 28.7 43.1

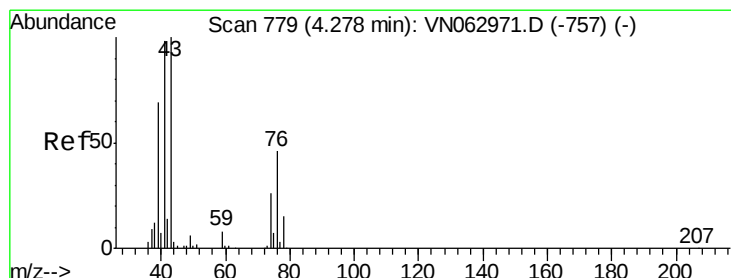
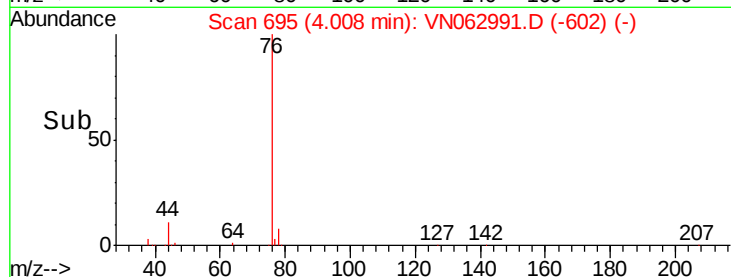
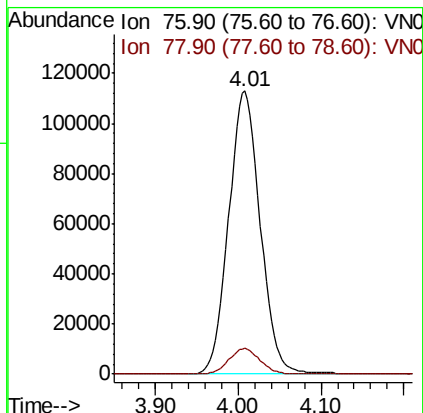
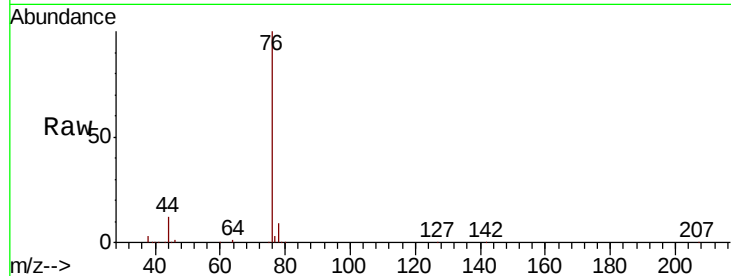




#17
Carbon Disulfide
Concen: 44.113 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

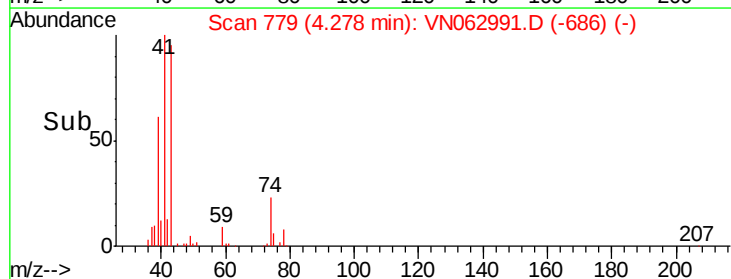
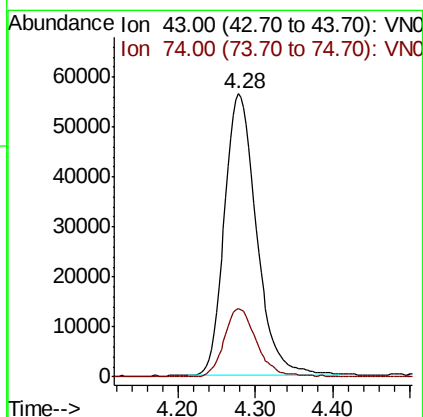
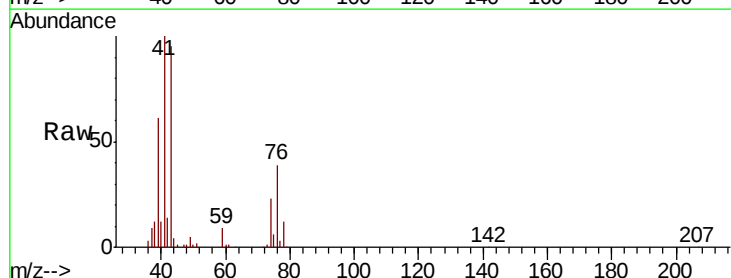
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

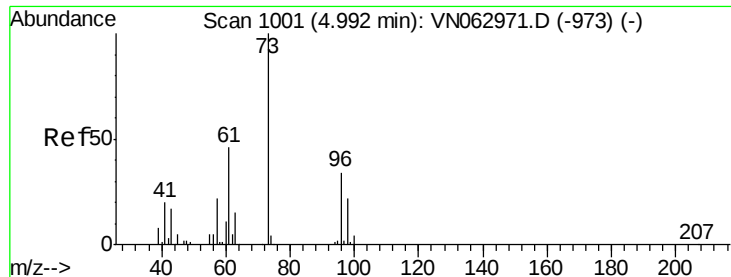
Tot Ion: 76 Resp: 299164
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 62.733 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 43 Resp: 163498
Ion Ratio Lower Upper
43 100
74 24.5 21.6 32.4

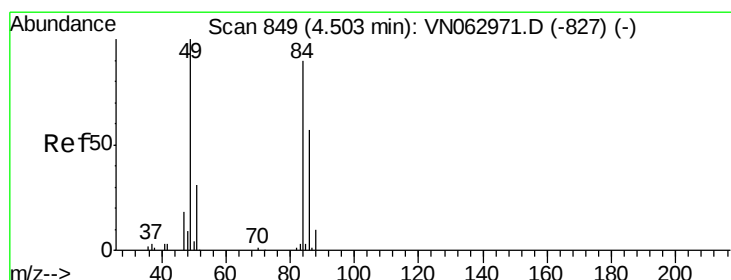
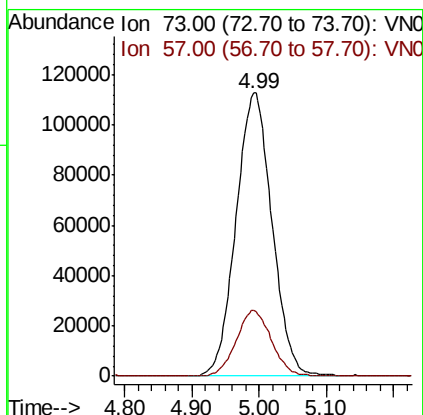
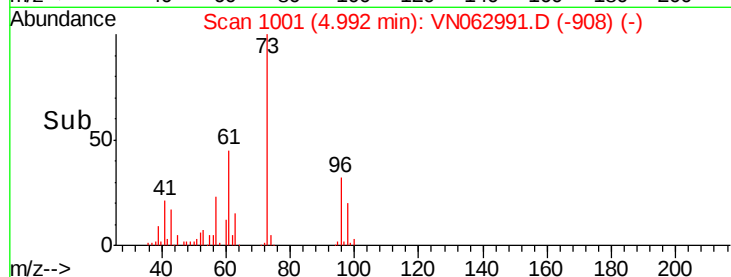
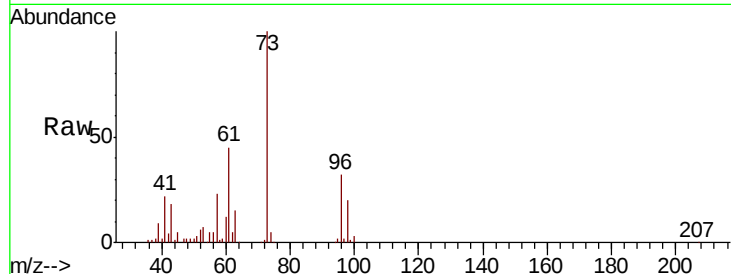




#19
Methvl tert-butvl Ether
Concen: 54.247 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

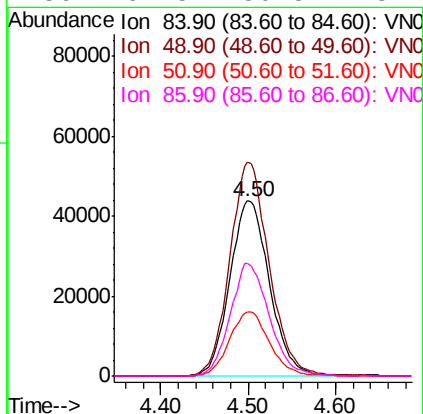
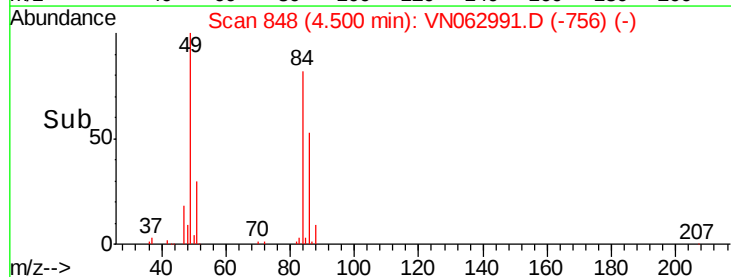
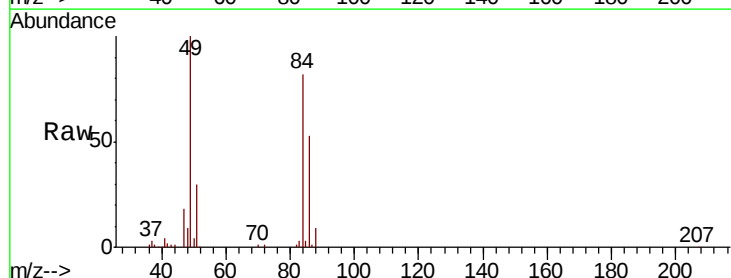
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

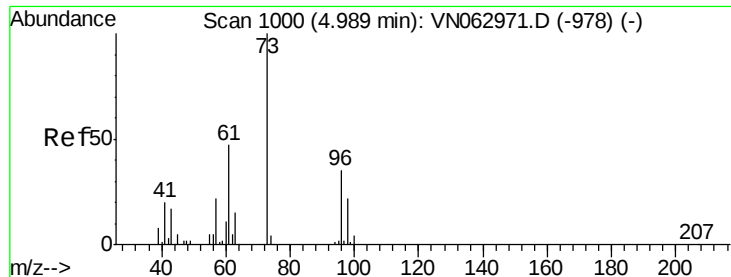
Tot Ion: 73 Resp: 418784
Ion Ratio Lower Upper
73 100
57 23.4 17.6 26.4



#20
Methylene Chloride
Concen: 50.546 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 84 Resp: 137871
Ion Ratio Lower Upper
84 100
49 122.1 88.8 133.2
51 36.7 27.1 40.7
86 64.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.516 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

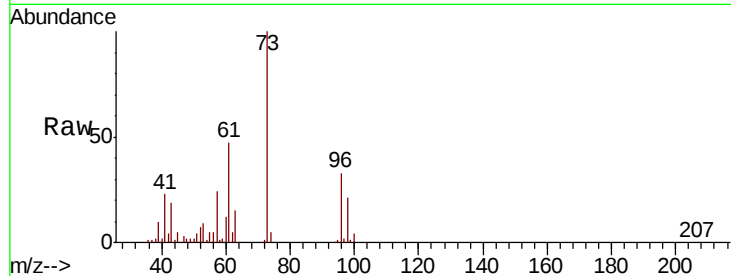
Tot Ion: 96 Resp: 117626

Ion Ratio Lower Upper

96 100

61 140.2 107.7 161.5

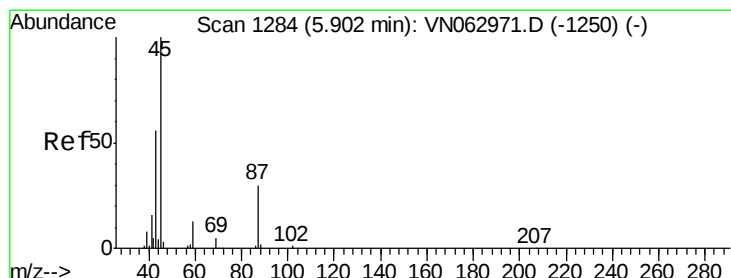
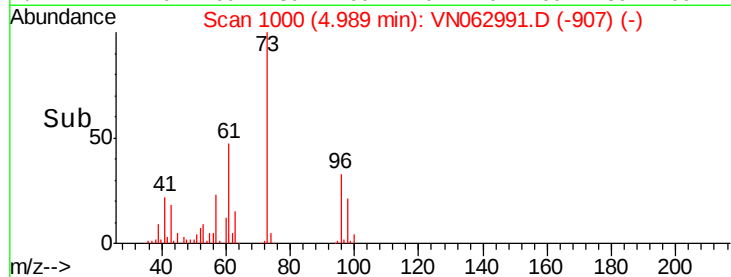
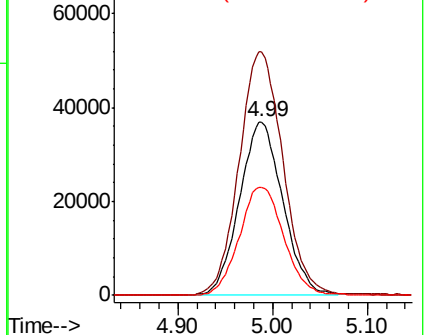
98 62.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062991.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062991.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062991.D (-907) (-)



#22

Diisopropyl ether

Concen: 61.519 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion: 45 Resp: 485075

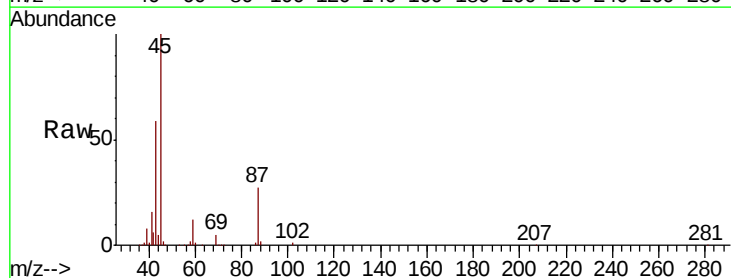
Ion Ratio Lower Upper

45 100

43 58.0 47.1 70.7

87 26.6 24.3 36.5

59 11.8 10.4 15.6

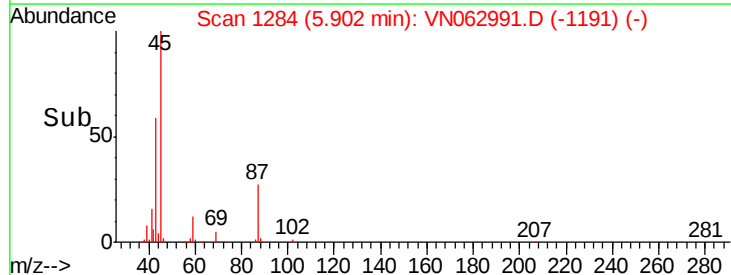
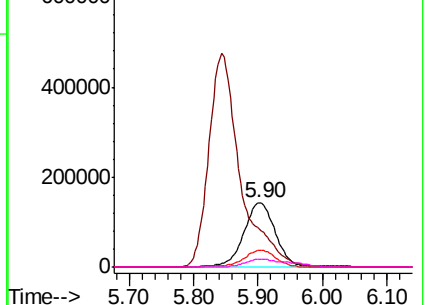


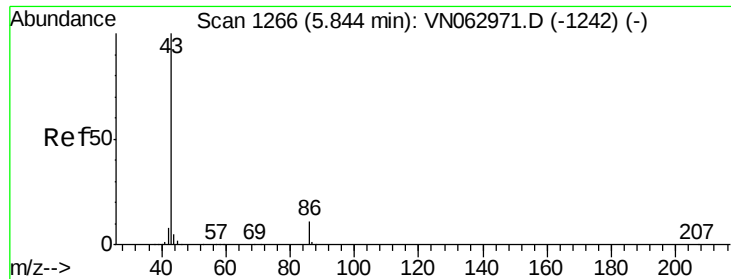
Abundance Ion 45.00 (44.70 to 45.70): VN062991.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062991.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062991.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062991.D (-1191) (-)





#23

Vinyl Acetate

Concen: 291.603 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

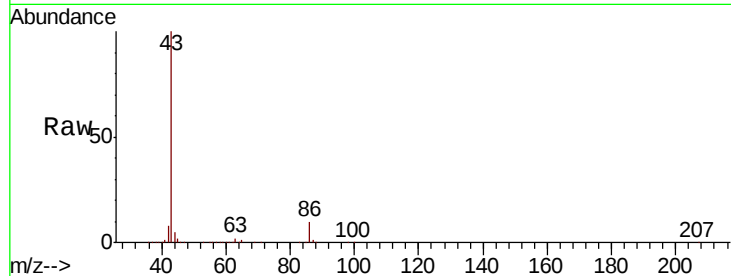
VSTDCCC050EC

Tot Ion: 43 Resp: 1620700

Ion Ratio Lower Upper

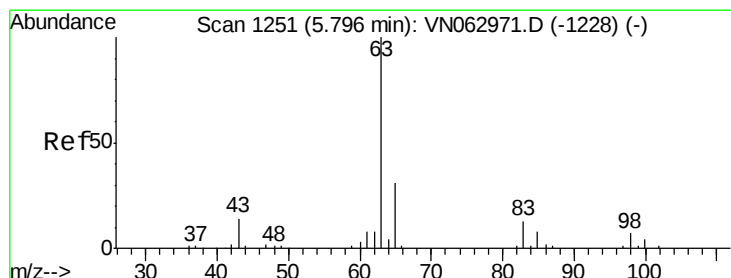
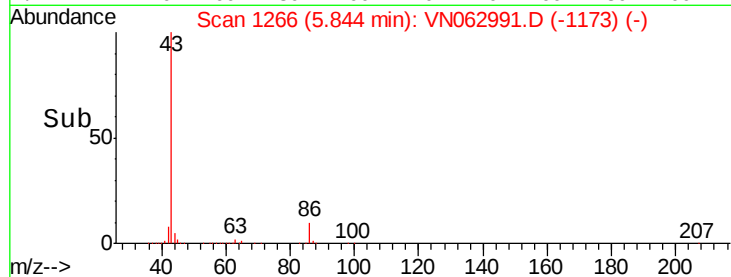
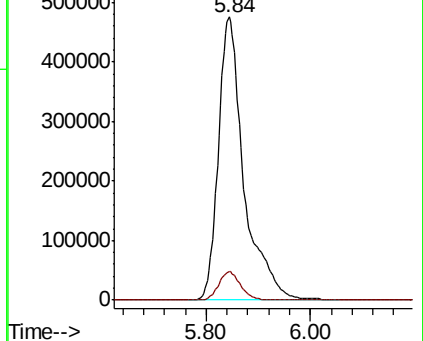
43 100

86 10.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 54.659 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

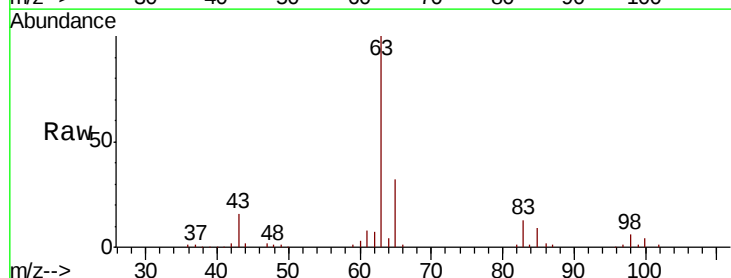
Tgt Ion: 63 Resp: 251987

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

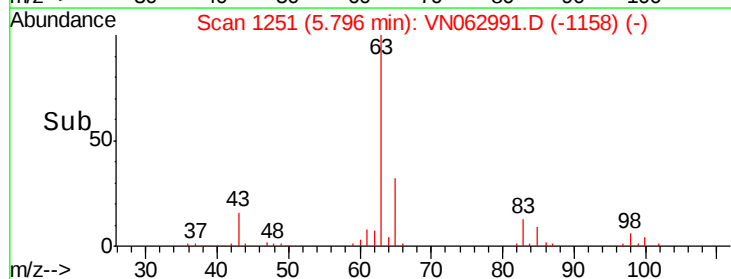
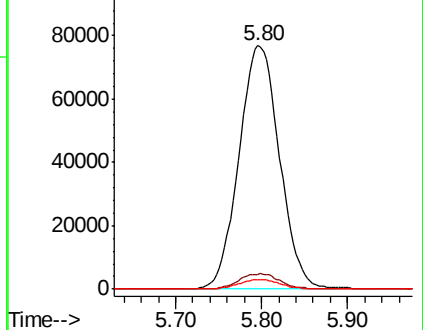
100 3.9 2.0 6.0

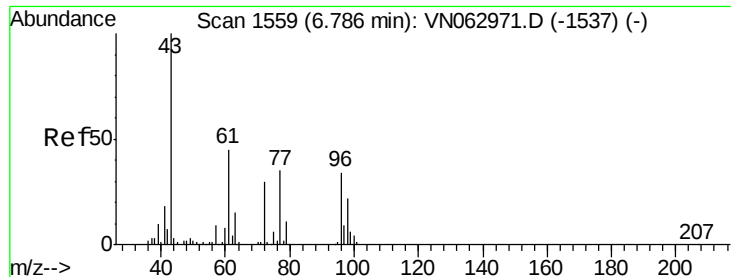


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

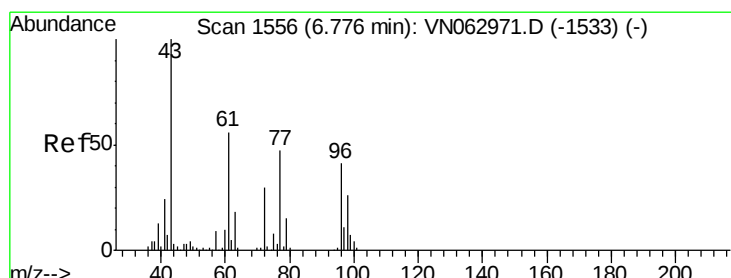
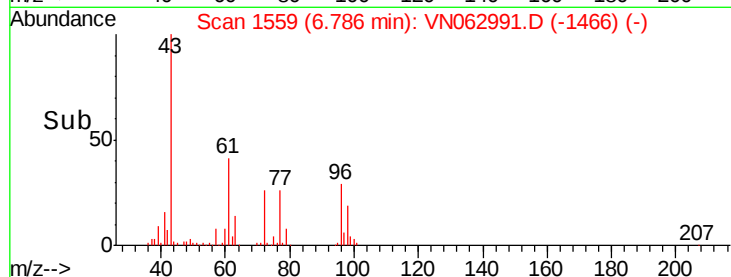
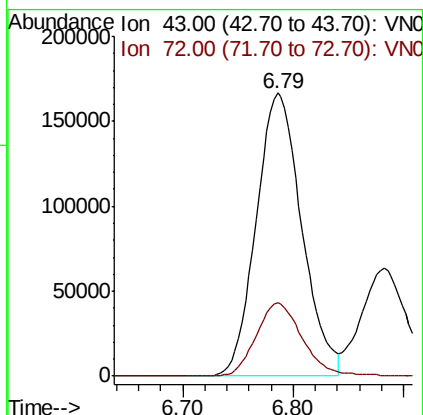
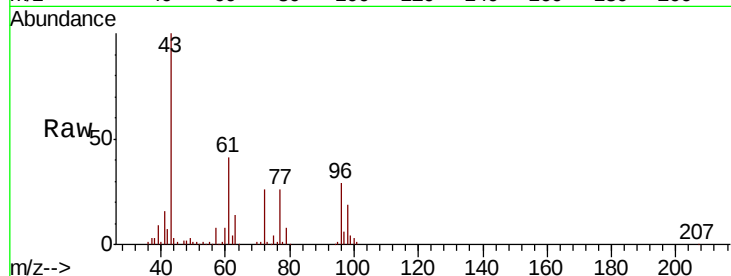




#25
2-Butanone
Concen: 291.741 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

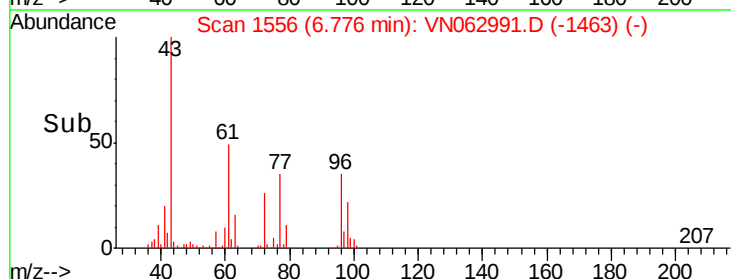
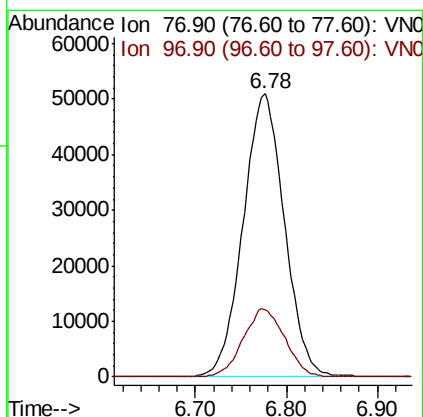
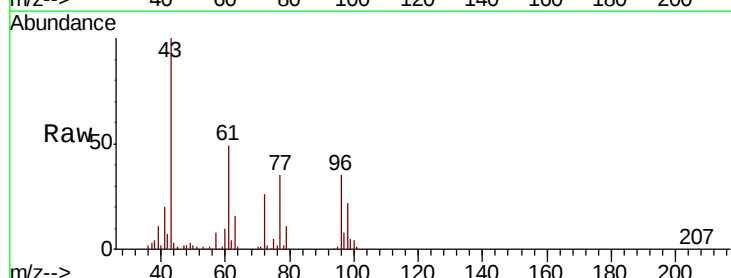
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

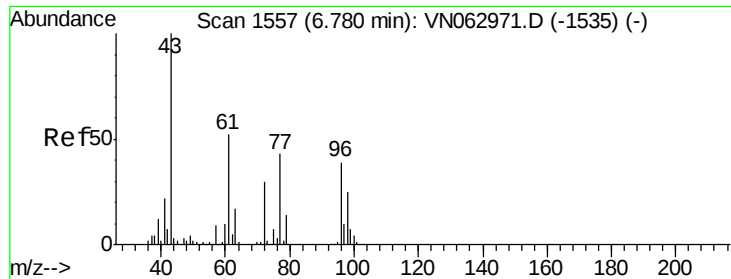
Tot Ion: 43 Resp: 474474
Ion Ratio Lower Upper
43 100
72 26.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 42.100 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 77 Resp: 160432
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

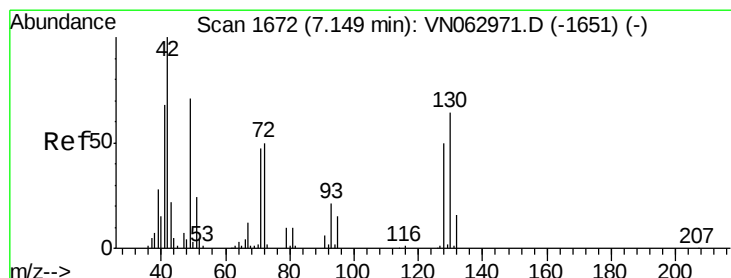
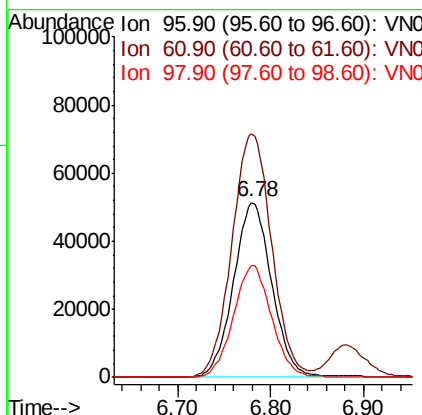
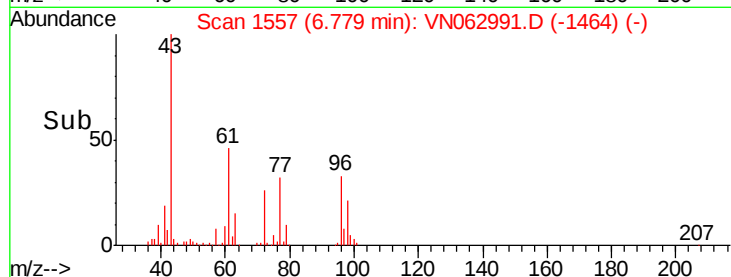
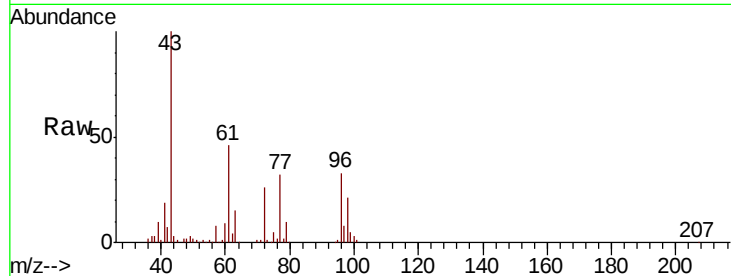
Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 147211

Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	270.4
98	64.1	0.0	128.2



#28

Bromochloromethane

Concen: 59.326 ug/l

RT: 7.15 min Scan# 1672

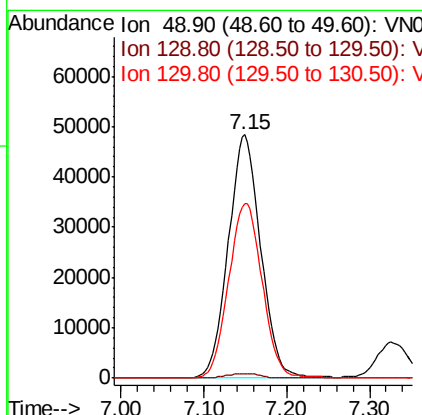
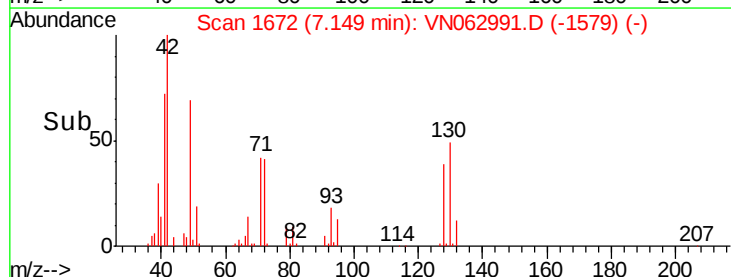
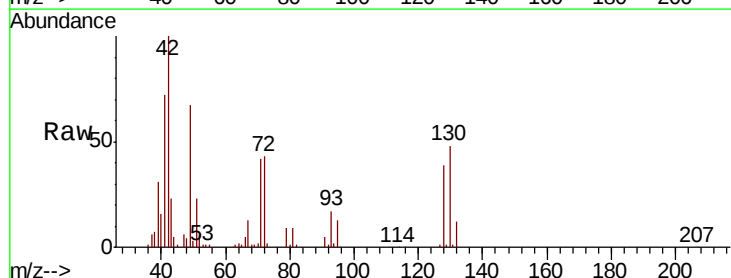
Delta R.T. -0.00 min

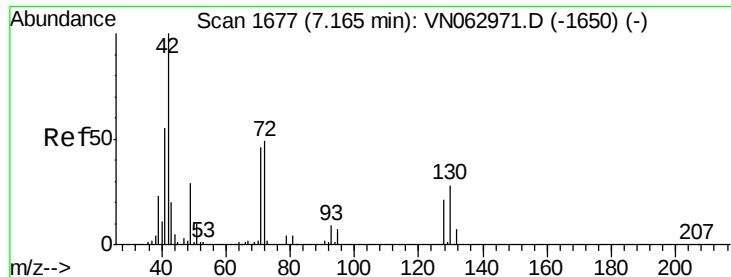
Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion: 49 Resp: 131850

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	73.9	73.5	110.3

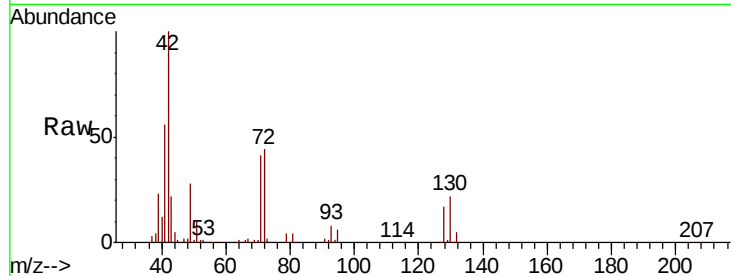




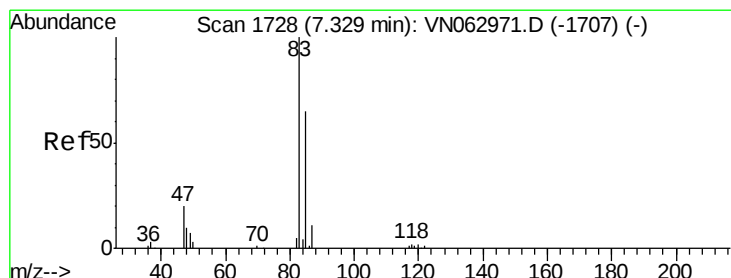
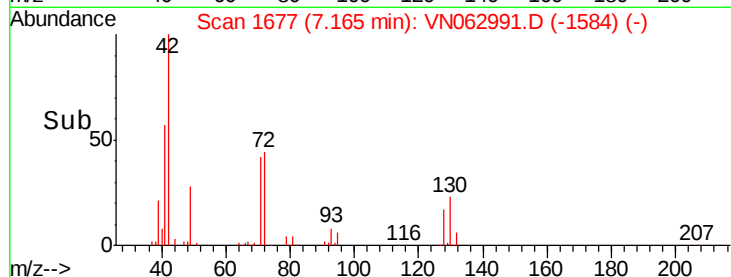
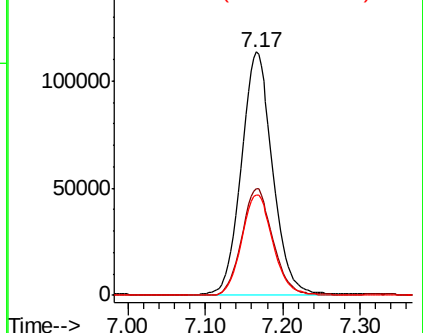
#29
Tetrahydrofuran
Concen: 322.492 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 318039
Ion Ratio Lower Upper
42 100
72 43.9 39.4 59.2
71 41.6 37.2 55.8

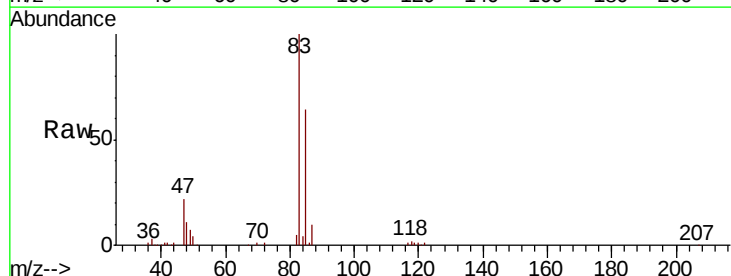


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

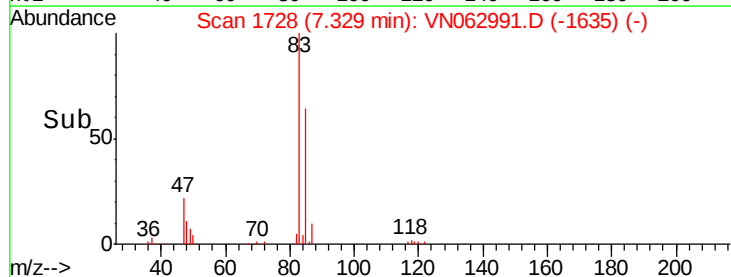
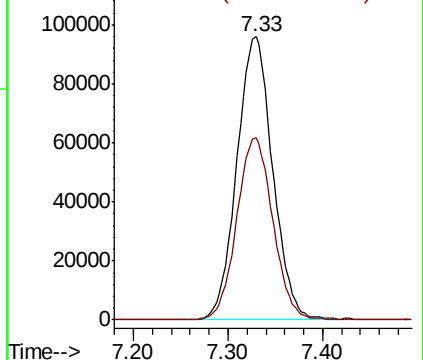


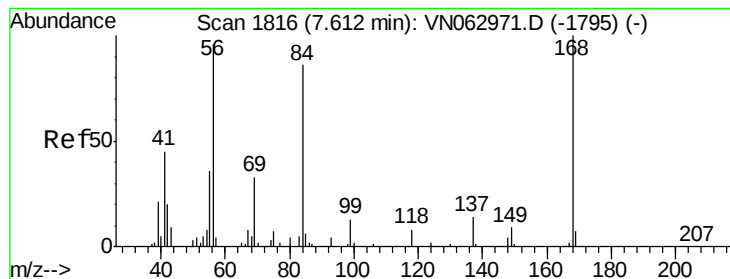
#30
Chloroform
Concen: 52.605 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 83 Resp: 252895
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4



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





#31

Cvclohexane

Concen: 54.048 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

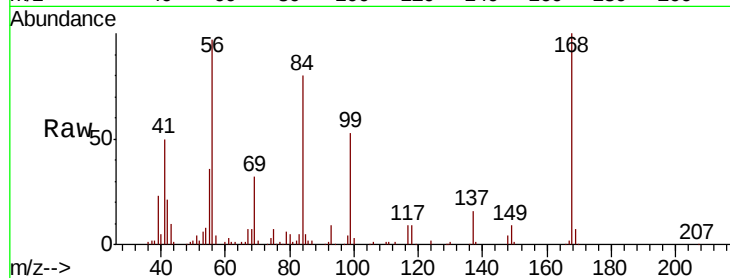
Tot Ion: 56 Resp: 242970

Ion Ratio Lower Upper

56 100

69 32.8 27.4 41.2

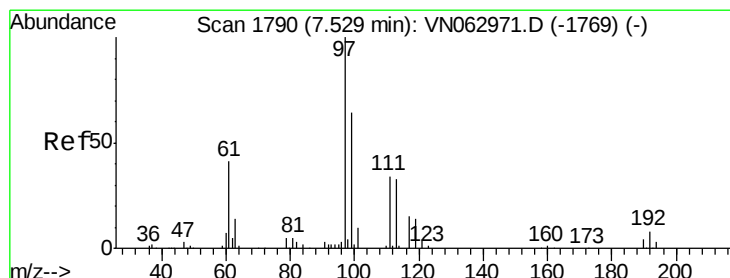
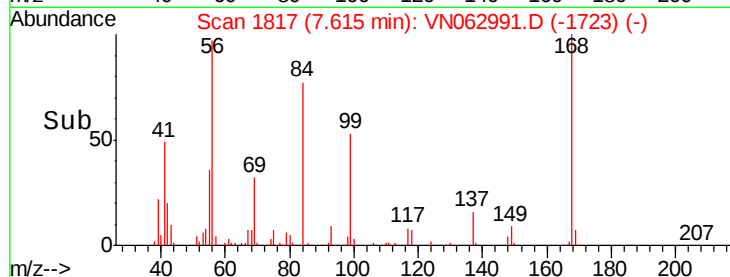
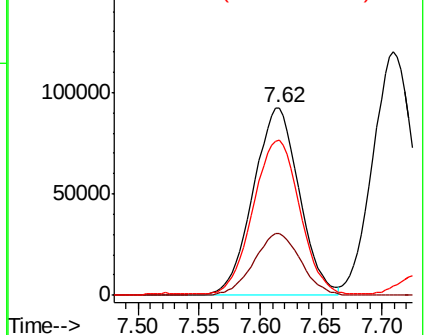
84 81.6 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN062991.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062991.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062991.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 51.701 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

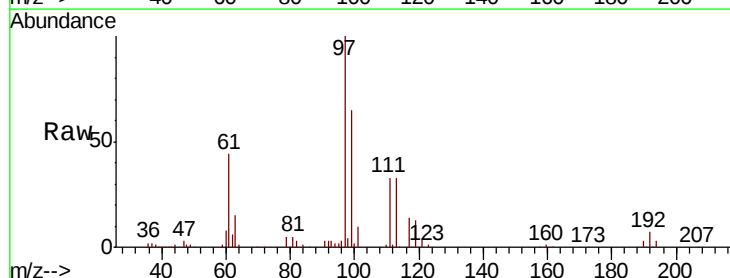
Tgt Ion: 97 Resp: 206305

Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.4

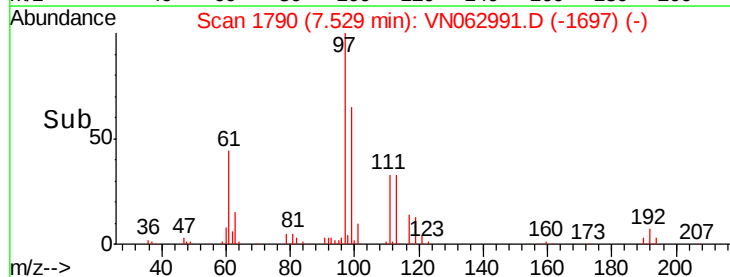
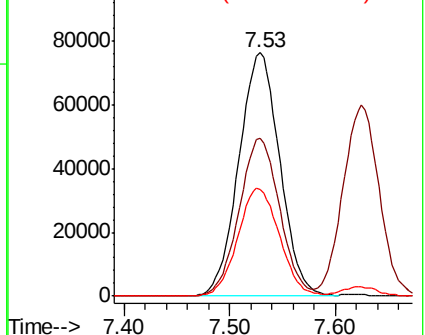
61 44.9 33.5 50.3

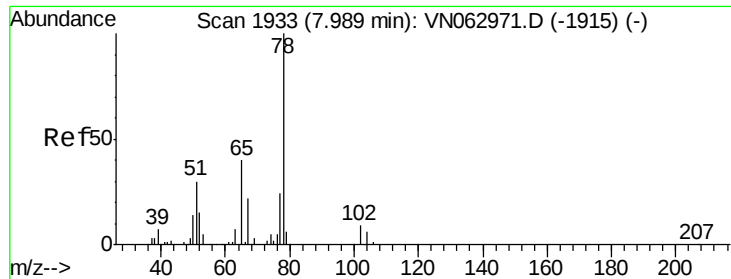


Abundance Ion 96.90 (96.60 to 97.60): VN062991.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062991.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062991.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.450 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

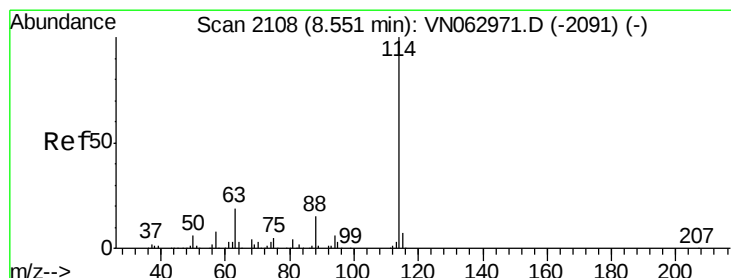
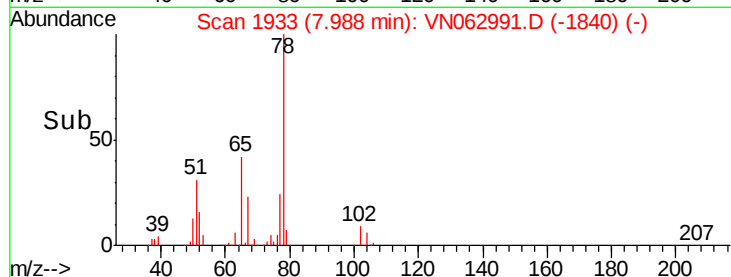
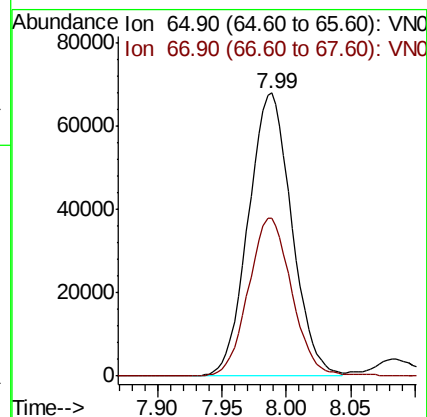
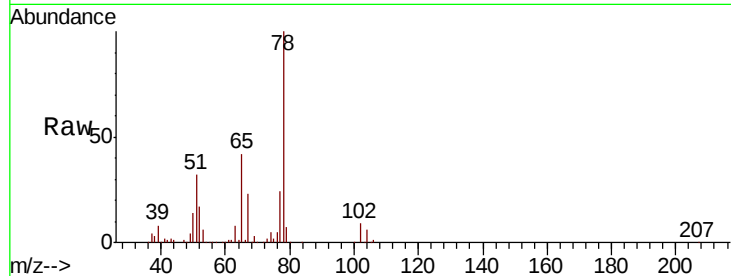
VSTDCCC050EC

Tot Ion: 65 Resp: 158692

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

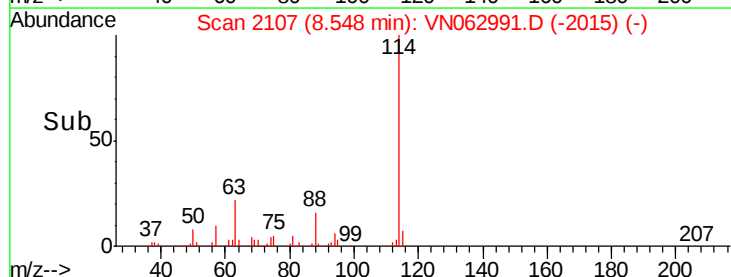
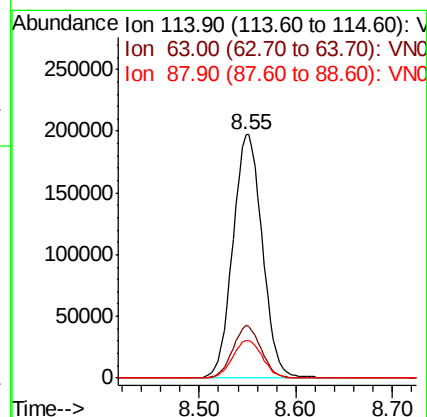
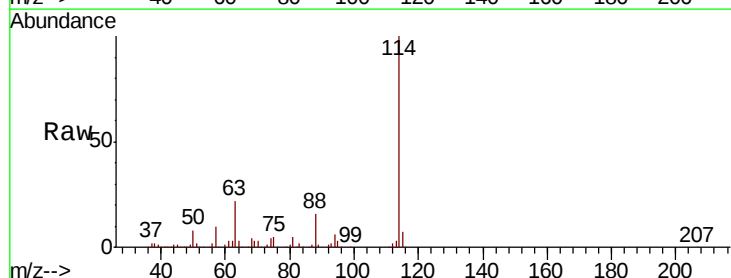
Tgt Ion: 114 Resp: 417536

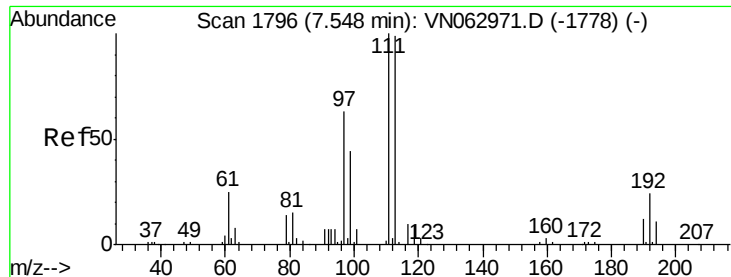
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.6

88 15.6 0.0 31.0

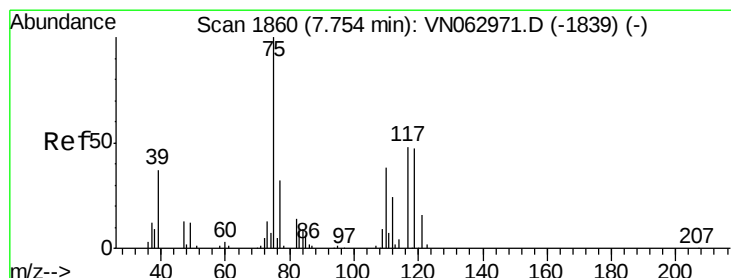
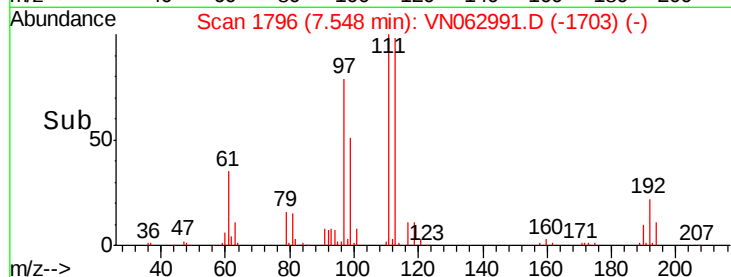
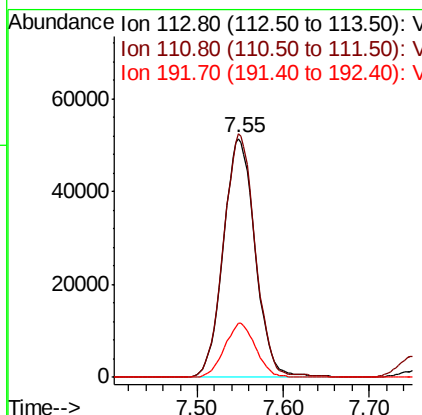
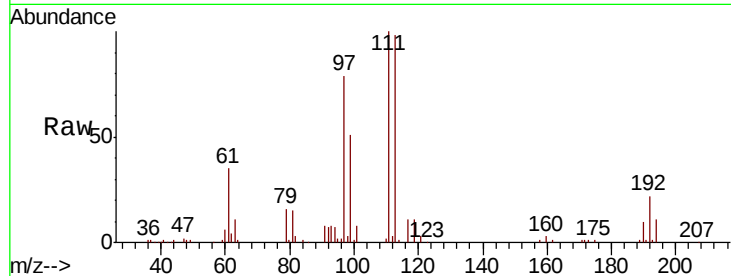




#35
 Dibromofluoromethane
 Concen: 48.580 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

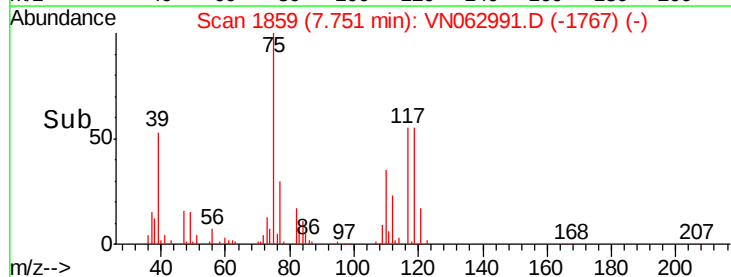
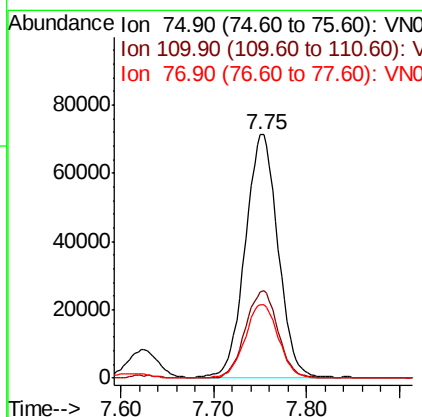
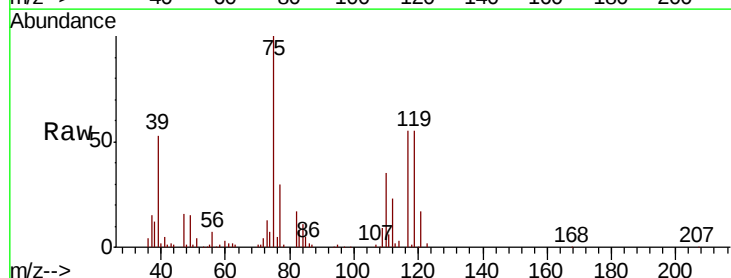
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

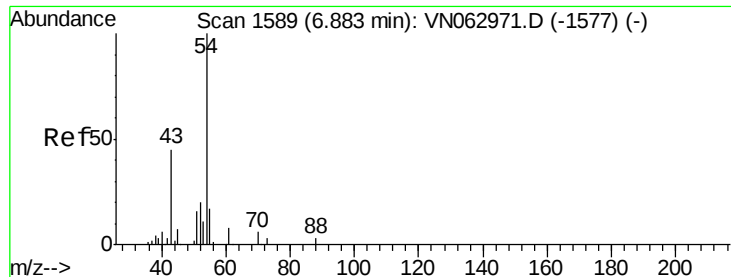
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.0
192	22.0	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 48.671 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.7	56.1
77	31.1	25.6	38.4

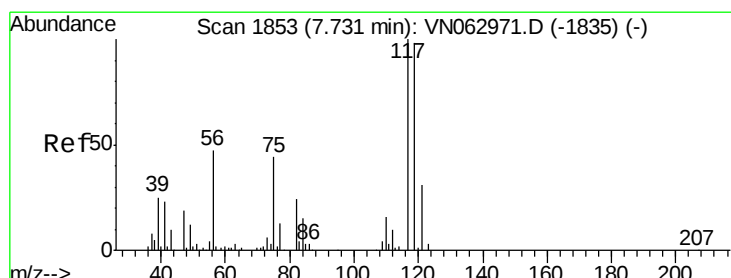
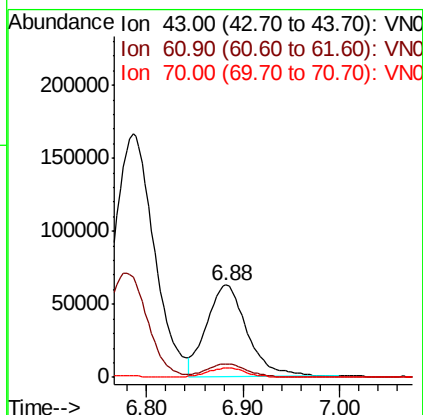
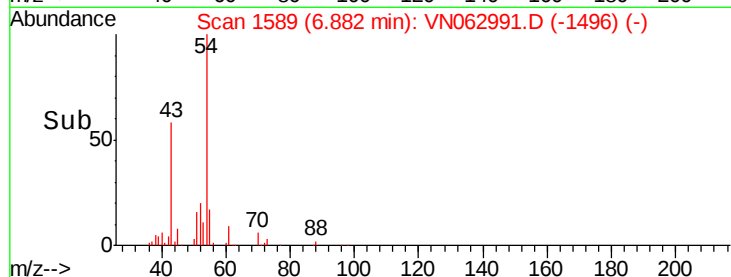
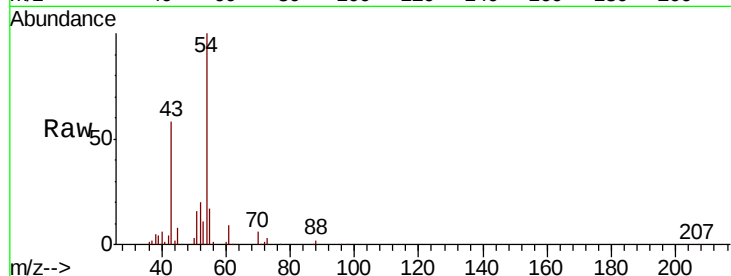




#37
Ethyl Acetate
Concen: 55.956 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

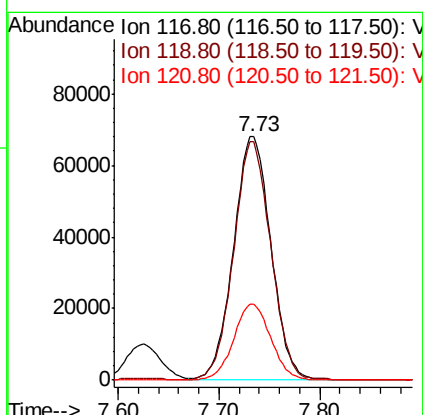
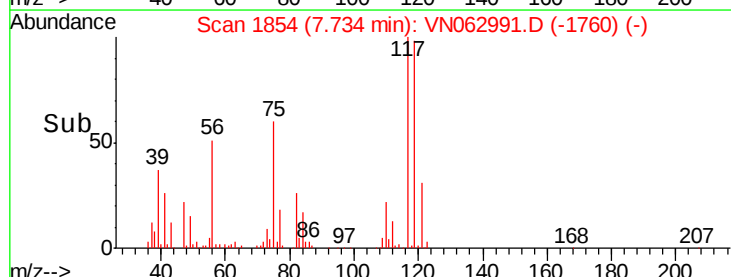
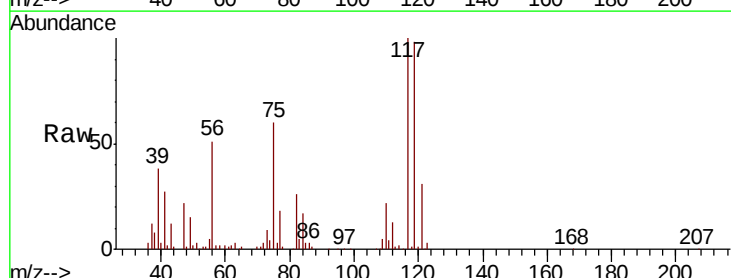
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

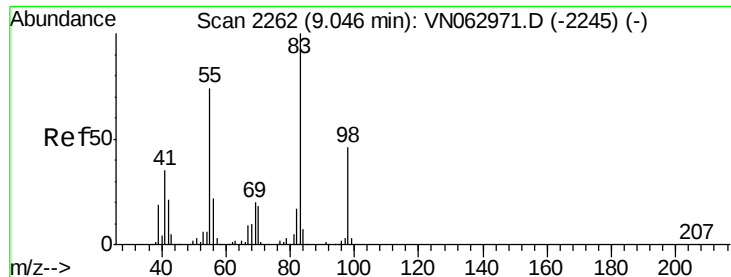
Tot Ion: 43 Resp: 183093
Ion Ratio Lower Upper
43 100
61 14.1 12.4 18.6
70 10.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 46.097 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 117 Resp: 174438
Ion Ratio Lower Upper
117 100
119 98.1 77.9 116.9
121 31.4 24.8 37.2

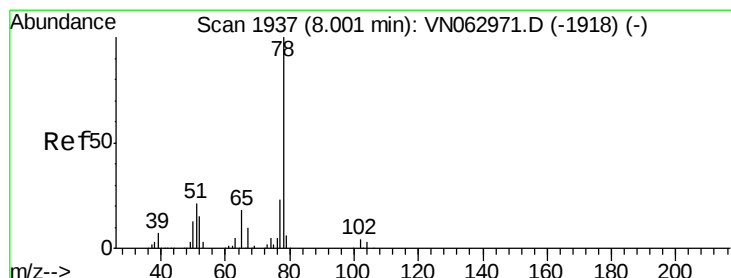
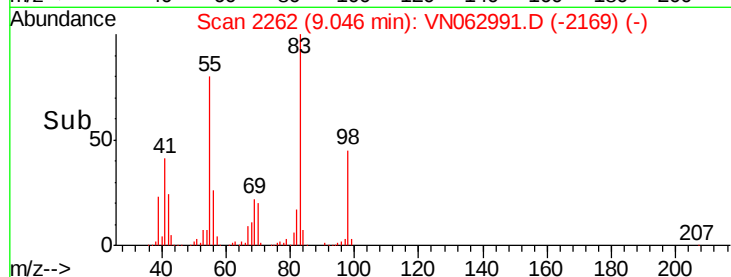
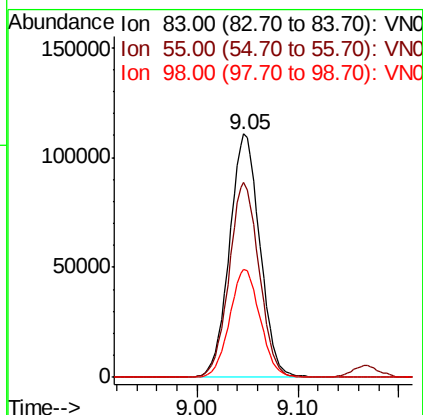
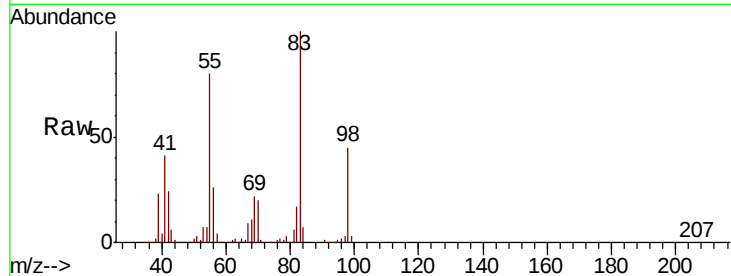




#39
Methvlcvclohexane
Concen: 48.710 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

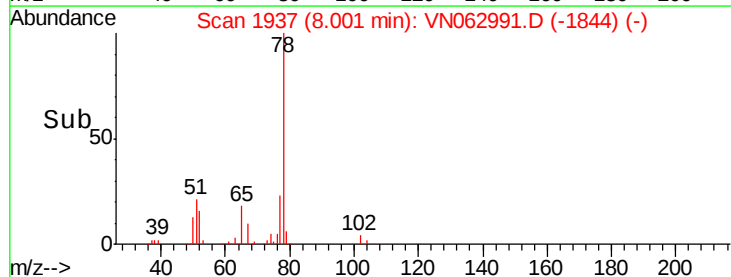
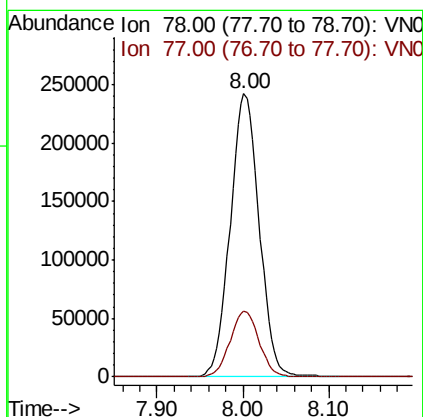
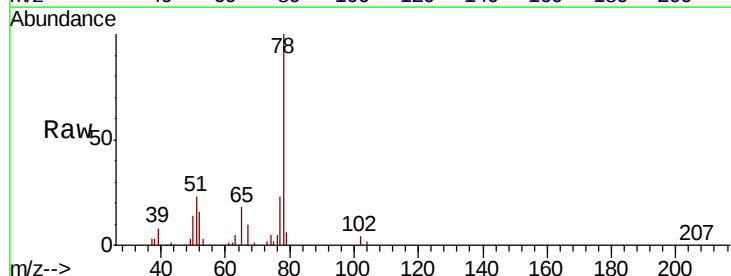
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

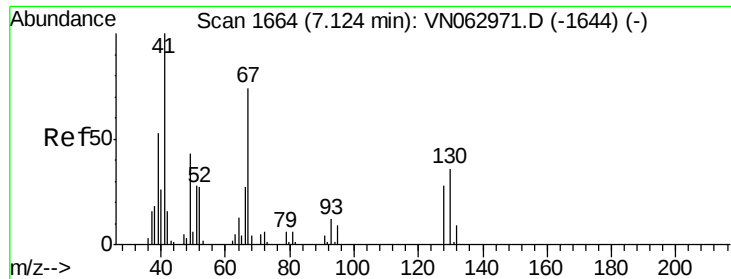
Tot Ion	83	Resp	231533
Ion Ratio	Lower	Upper	
83	100		
55	80.1	59.0	88.6
98	44.6	36.8	55.2



#40
Benzene
Concen: 49.990 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	78	Resp	566354
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.6	27.8

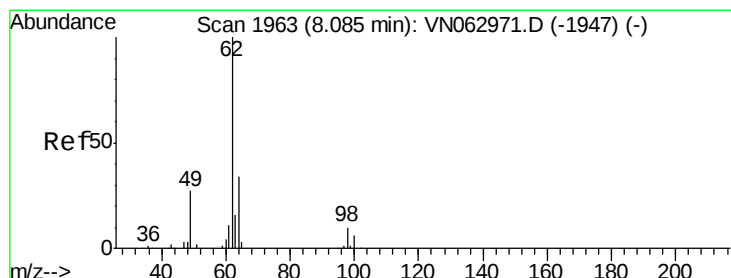
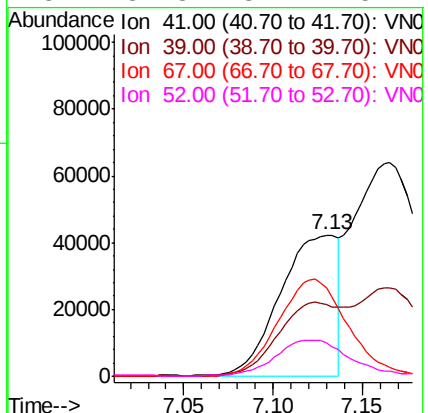
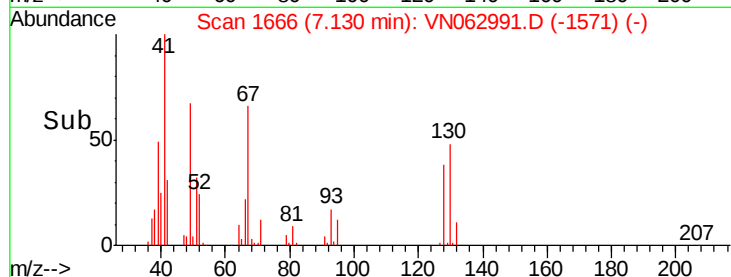
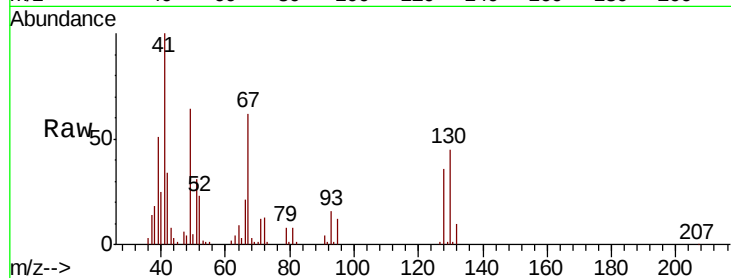




#41
Methacrylonitrile
Concen: 58.460 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

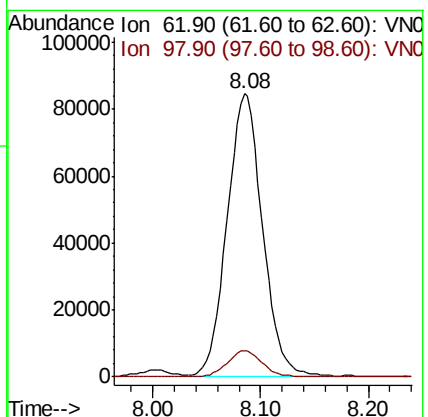
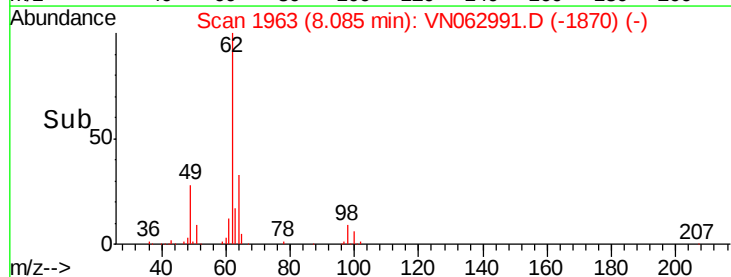
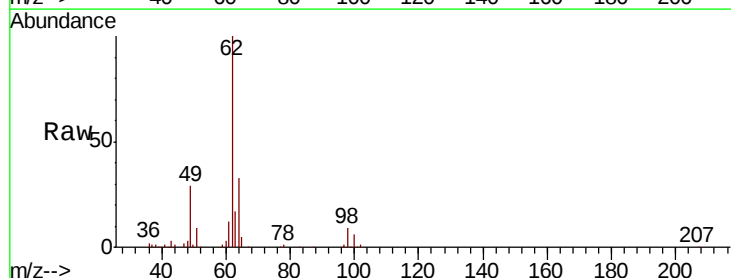
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

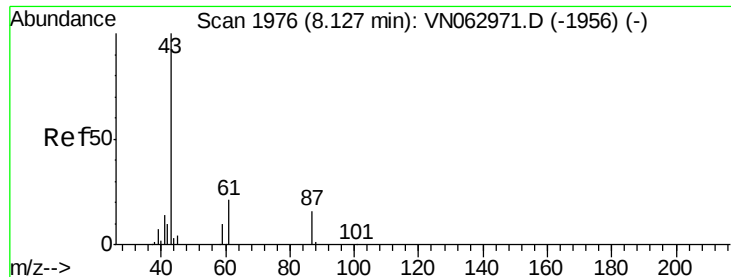
Tot Ion: 41 Resp: 93811
Ion Ratio Lower Upper
41 100
39 53.3 58.6 88.0#
67 84.8 90.1 135.1#
52 34.8 34.7 52.1



#42
1,2-Dichloroethane
Concen: 51.712 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 62 Resp: 192303
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.8





#43

Isopropyl Acetate

Concen: 56.293 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

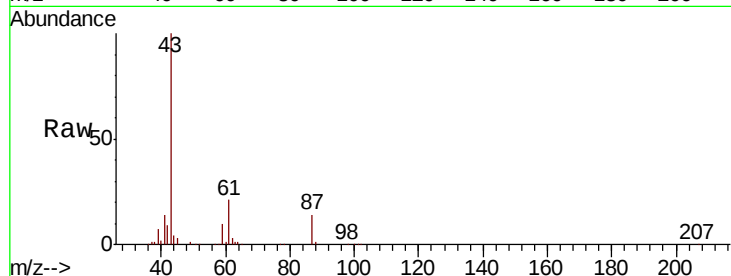
Tot Ion: 43 Resp: 292652

Ion Ratio Lower Upper

43 100

61 21.7 24.6 36.8#

87 13.3 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062991.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062991.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062991.D (-1956) (-)

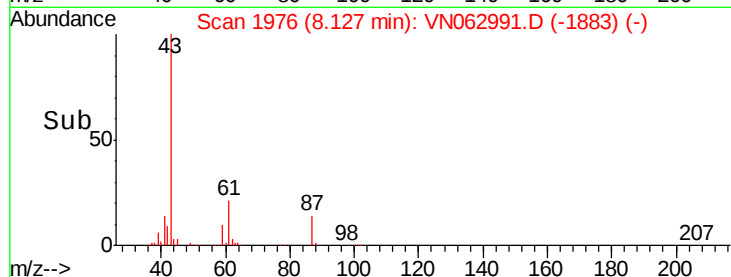
150000

100000

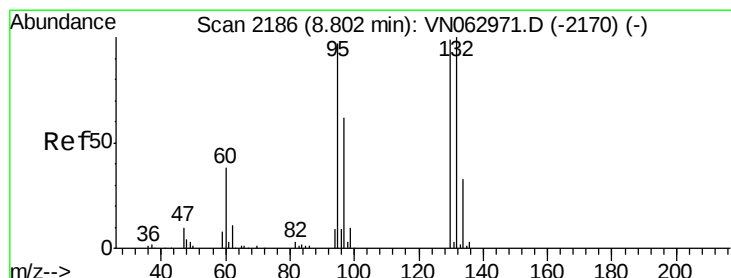
50000

0

8.05 8.10 8.15 8.20



Time-->



#44

Trichloroethene

Concen: 45.153 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062991.D

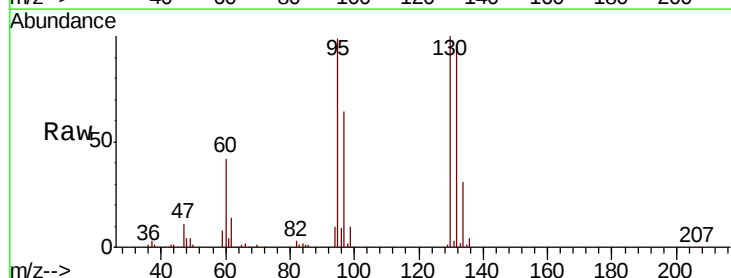
Acq: 18 Aug 2020 00:21

Tgt Ion: 130 Resp: 137919

Ion Ratio Lower Upper

130 100

95 99.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062991.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062991.D (-2170) (-)

80000

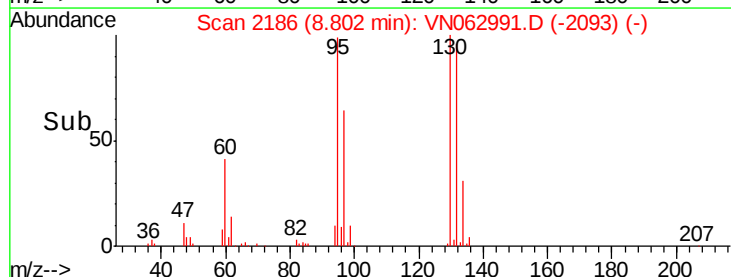
60000

40000

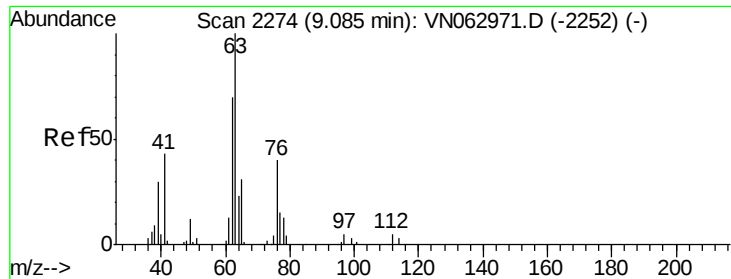
20000

0

8.70 8.80 8.90



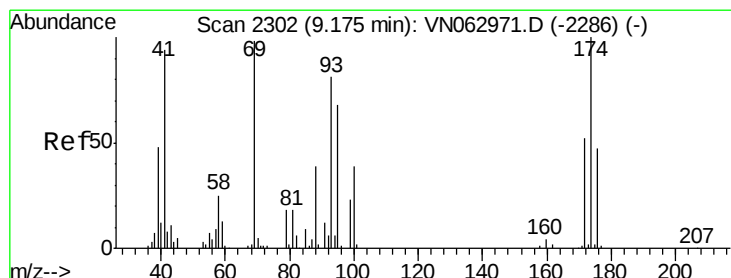
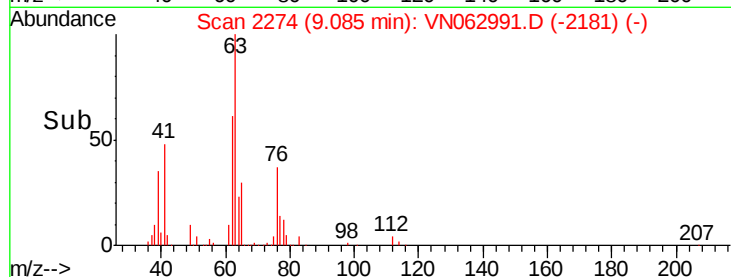
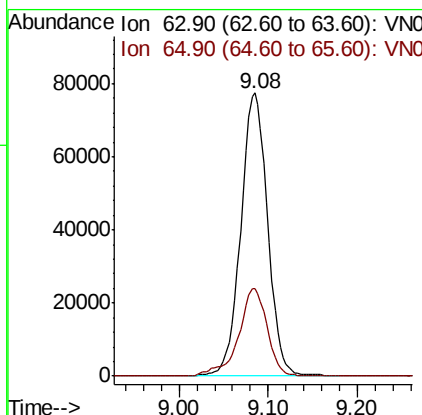
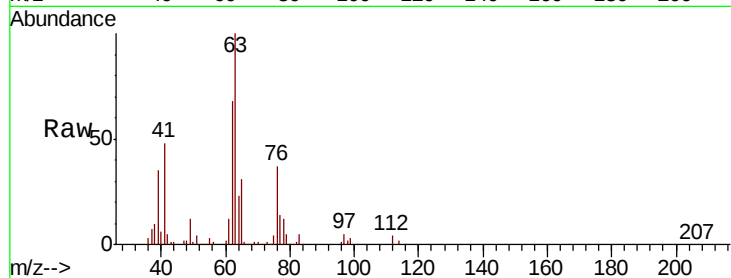
Time-->



#45
 1,2-Dichloropropane
 Concen: 51.106 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

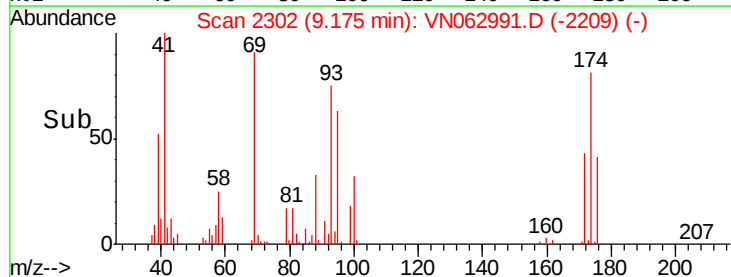
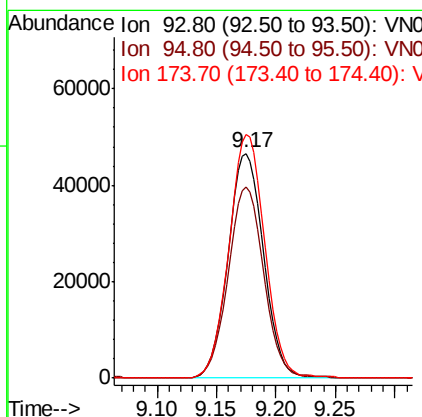
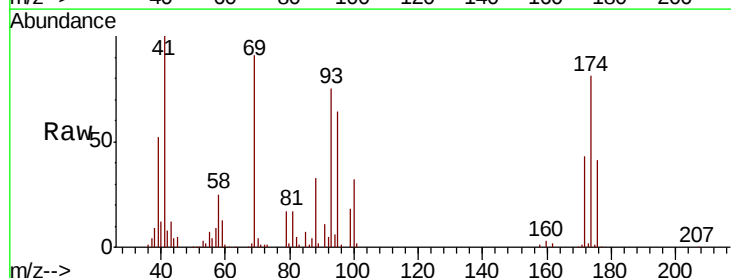
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

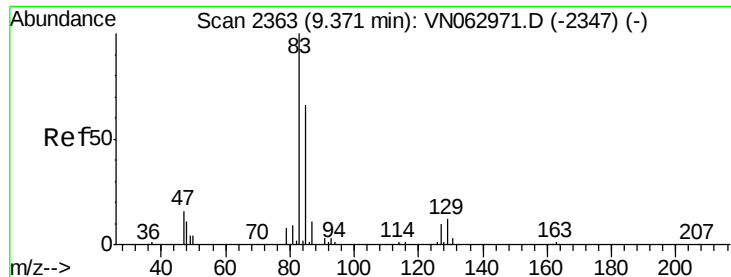
Tot Ion: 63 Resp: 161322
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 49.177 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 93 Resp: 96648
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.6 99.8
 174 109.0 96.6 145.0

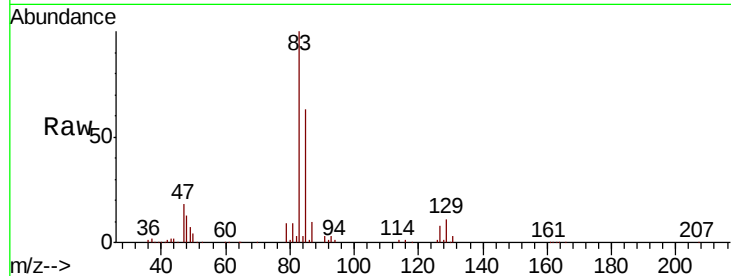




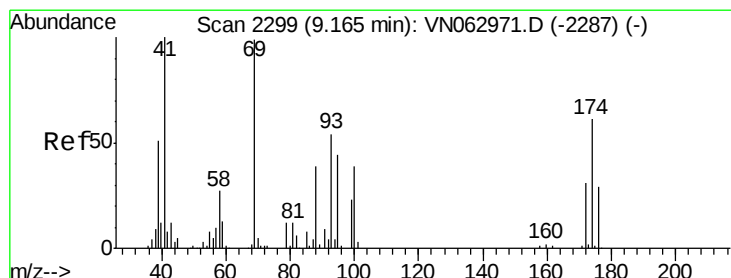
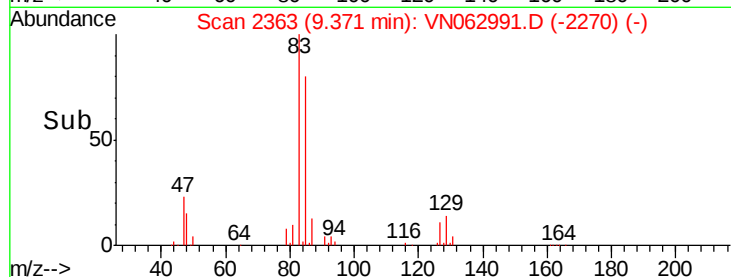
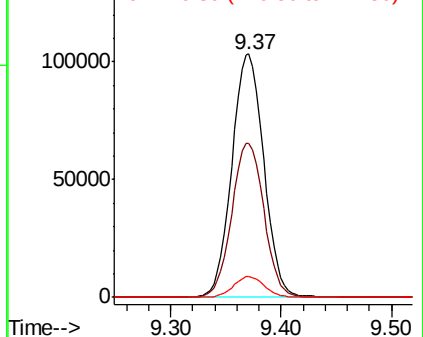
#47
Bromodichloromethane
Concen: 52.046 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 207469
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6
127 8.5 7.8 11.6

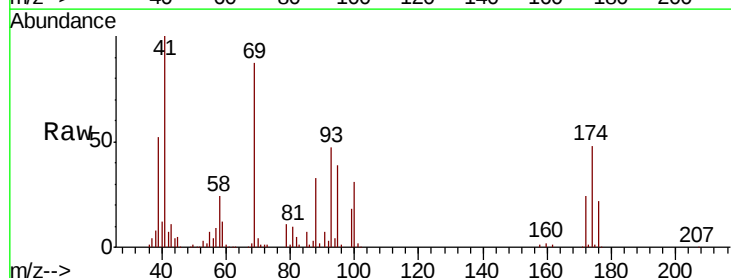


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

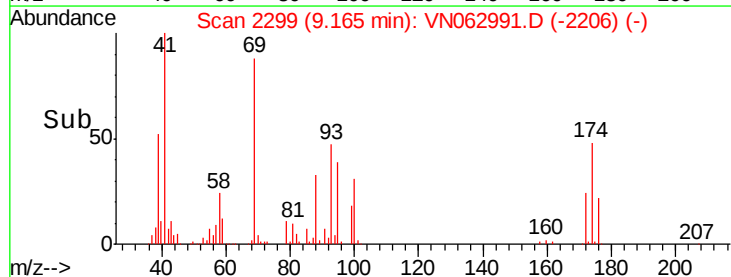
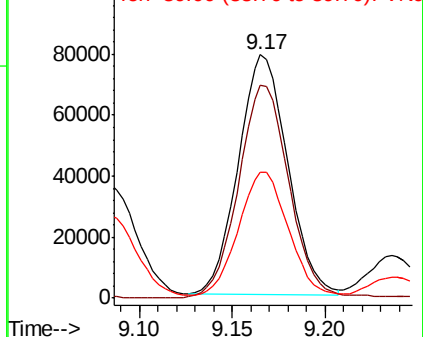


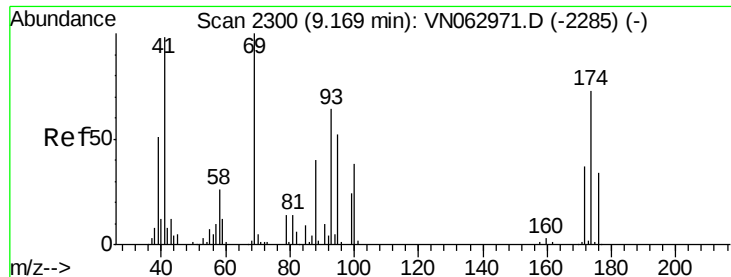
#48
Methyl methacrylate
Concen: 57.398 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 41 Resp: 145956
Ion Ratio Lower Upper
41 100
69 91.6 81.1 121.7
39 51.3 42.4 63.6



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

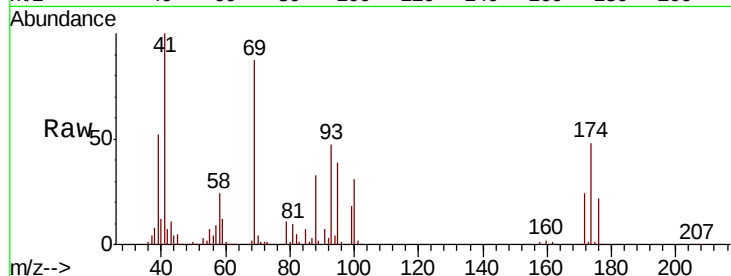




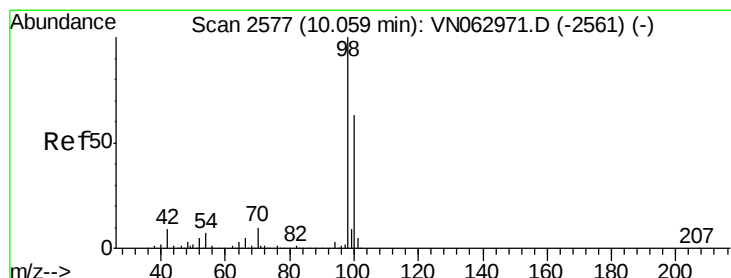
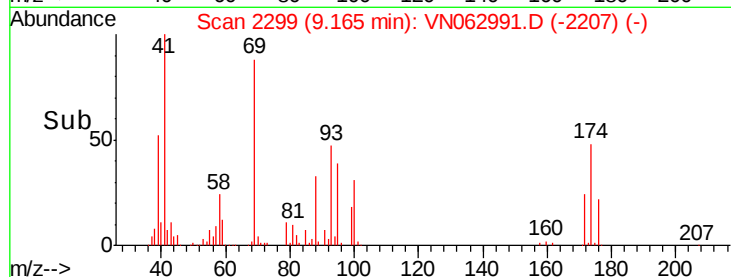
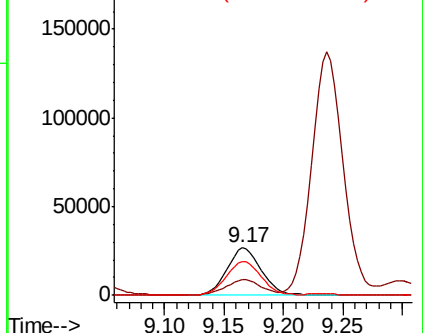
#49
 1,4-Dioxane
 Concen: 1000.935 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 53833
 Ion Ratio Lower Upper
 88 100
 43 32.7 23.1 34.7
 58 72.9 53.1 79.7

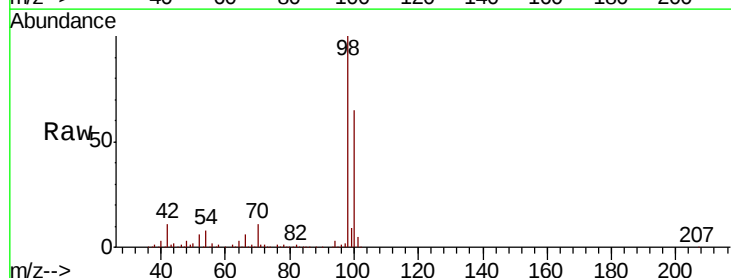


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

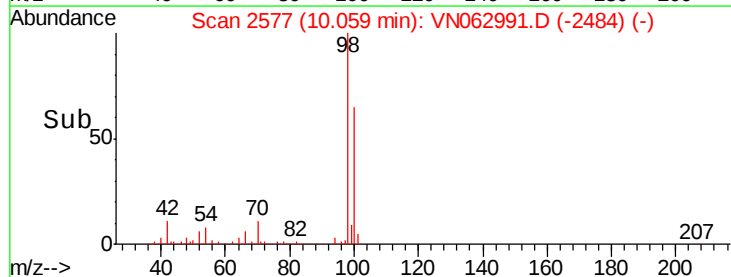
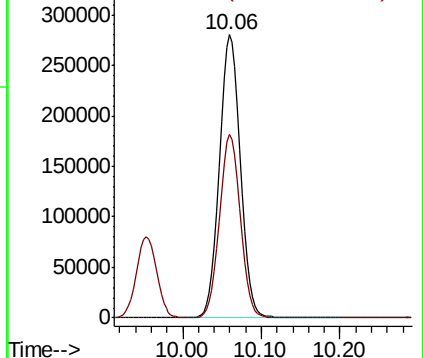


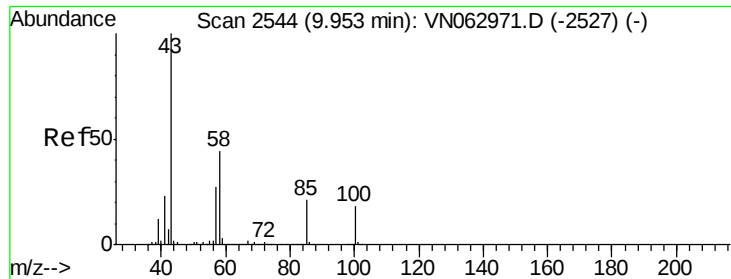
#50
 Toluene-d8
 Concen: 48.582 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 98 Resp: 512754
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.0 76.4



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: 291.064 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

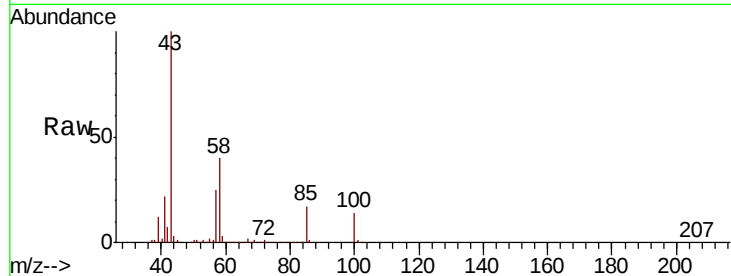
VSTDCCC050EC

Tot Ion: 43 Resp: 1012397

Ion Ratio Lower Upper

43 100

58 40.0 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN062991.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062991.D (-2527) (-)

9.95

600000

500000

400000

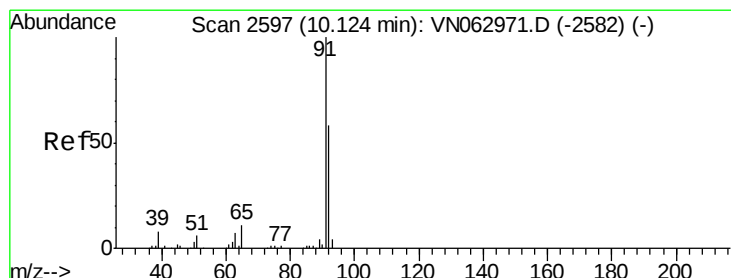
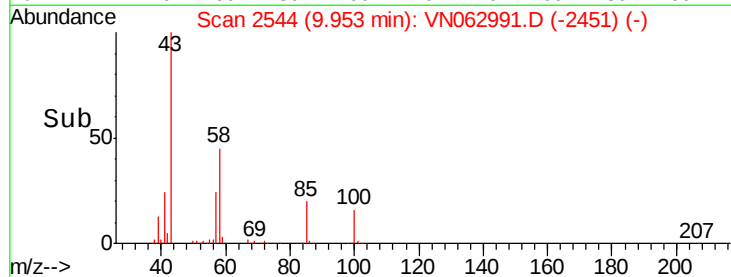
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.142 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062991.D

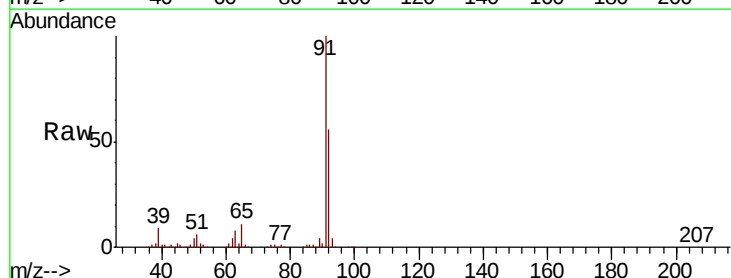
Acq: 18 Aug 2020 00:21

Tgt Ion: 92 Resp: 351727

Ion Ratio Lower Upper

92 100

91 176.0 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN062991.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062991.D (-2582) (-)

10.12

400000

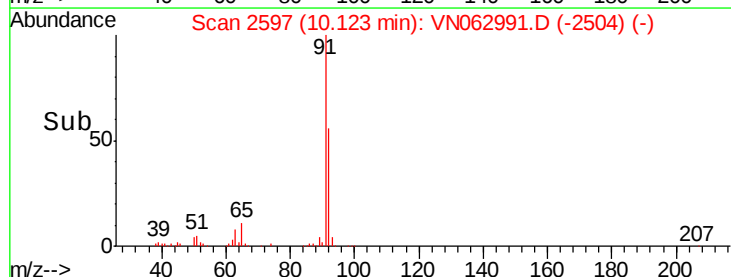
300000

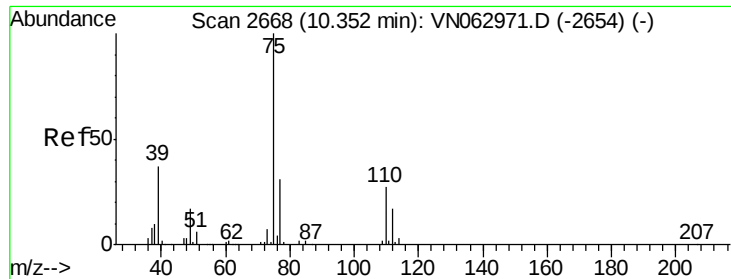
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.773 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

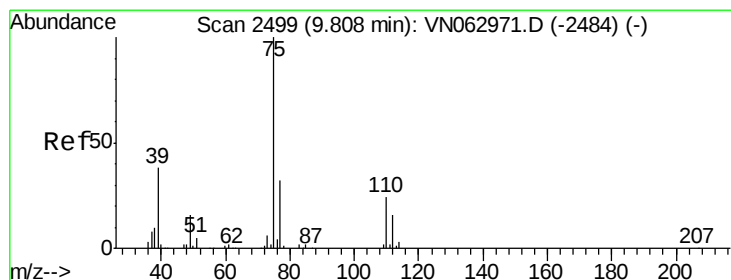
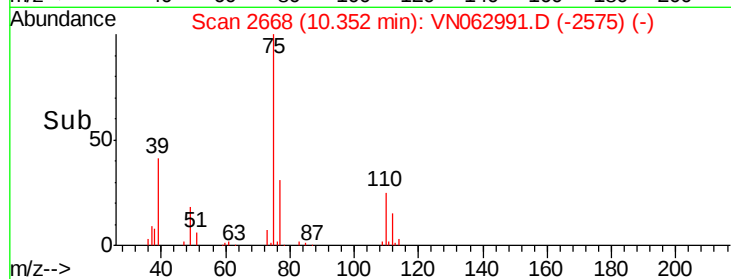
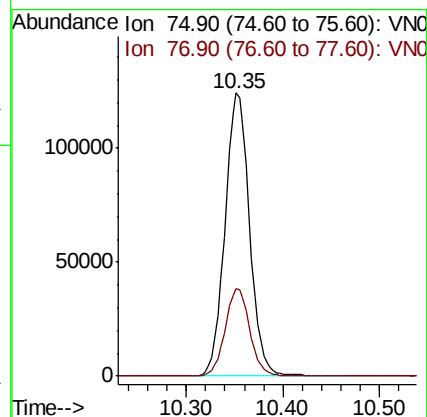
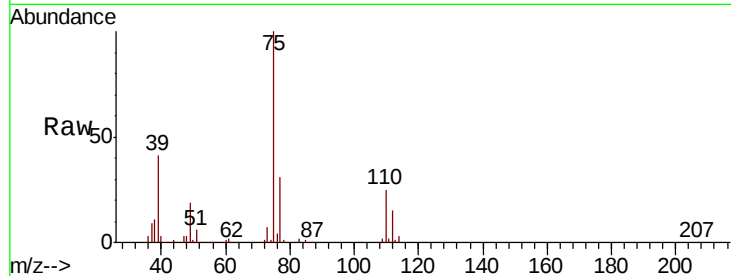
VSTDCCC050EC

Tot Ion: 75 Resp: 218326

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.598 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

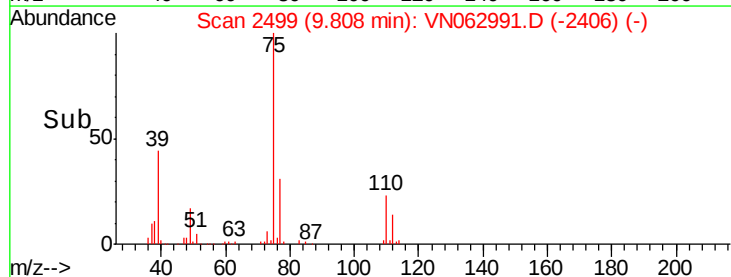
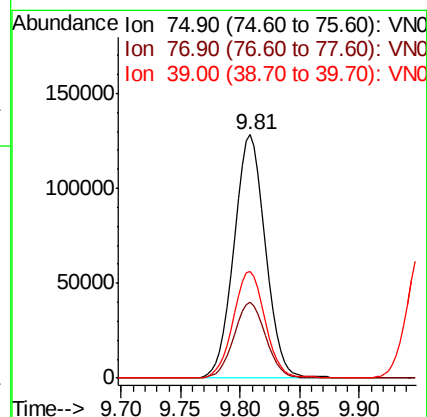
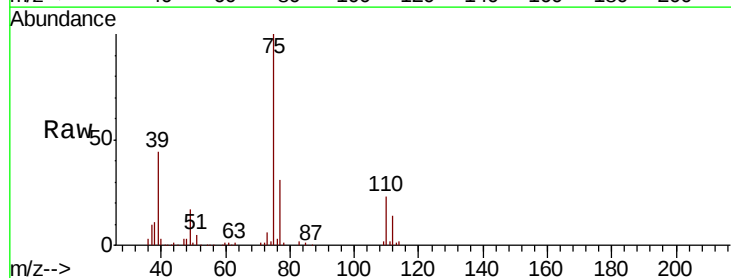
Tgt Ion: 75 Resp: 234849

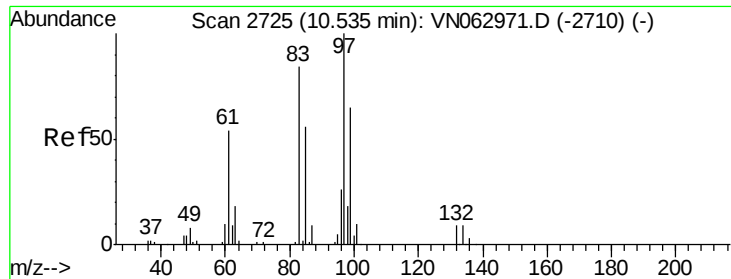
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 43.9 30.6 46.0





#55

1,1,2-Trichloroethane

Concen: 49.183 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149212

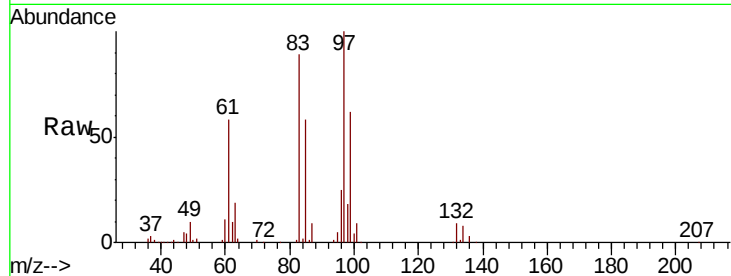
Ion Ratio Lower Upper

97 100

83 89.2 67.0 100.4

85 58.2 44.4 66.6

99 61.7 51.9 77.9

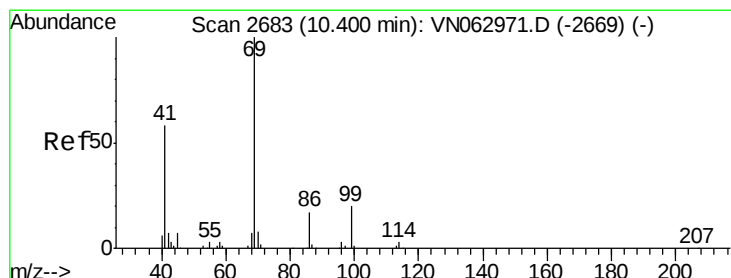
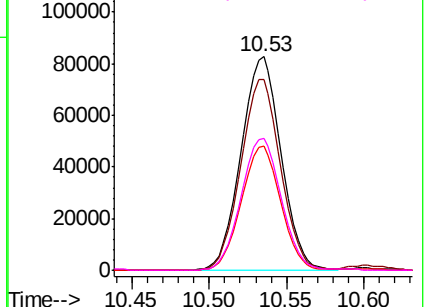
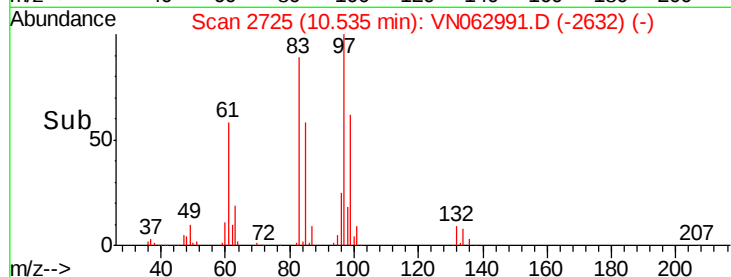


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.892 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

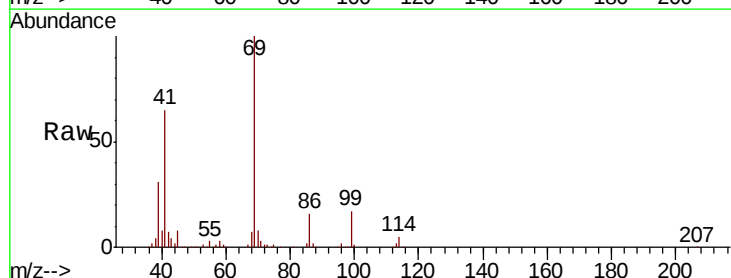
Tgt Ion: 69 Resp: 224515

Ion Ratio Lower Upper

69 100

41 63.5 46.0 69.0

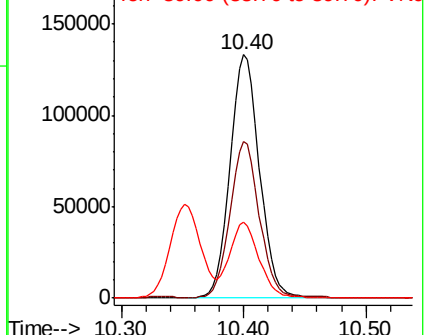
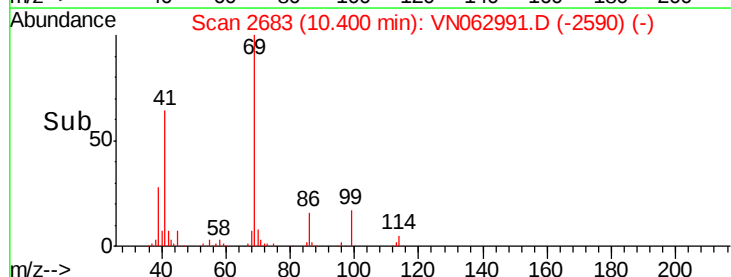
39 30.7 23.4 35.0

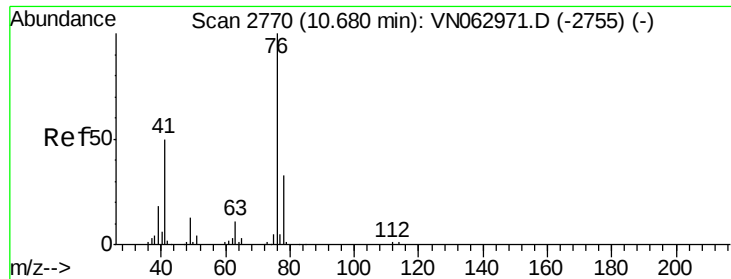


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.899 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

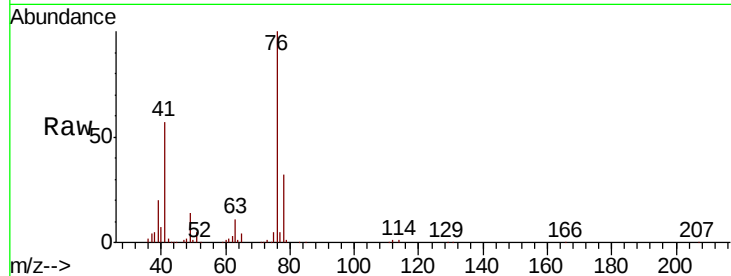
VSTDCCC050EC

Tot Ion: 76 Resp: 248195

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VN062991.D (-2677) (-)

Ion 77.90 (77.60 to 78.60): VN062991.D (-2677) (-)

10.68

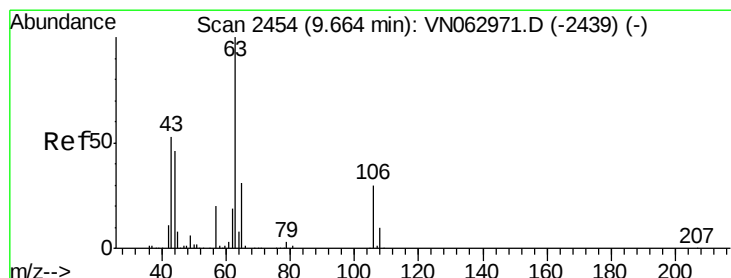
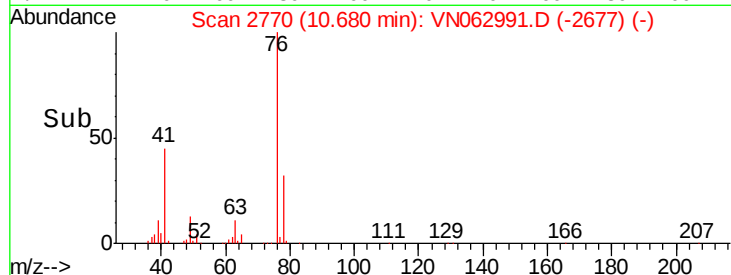
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 280.801 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062991.D

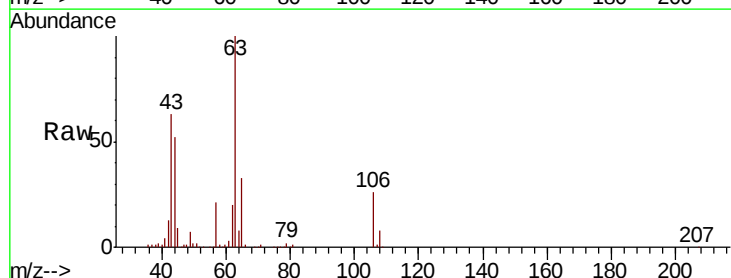
Acq: 18 Aug 2020 00:21

Tgt Ion: 63 Resp: 255561

Ion Ratio Lower Upper

63 100

106 25.8 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN062991.D (-2361) (-)

Ion 105.90 (105.60 to 106.60): VN062991.D (-2361) (-)

9.66

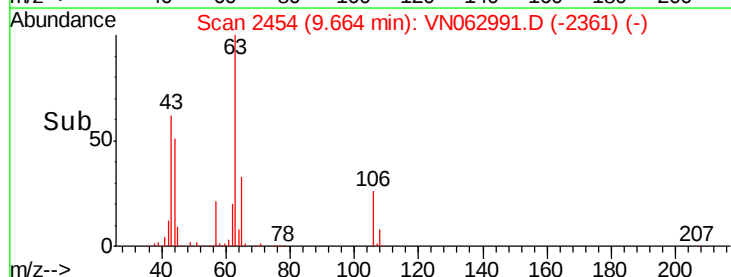
150000

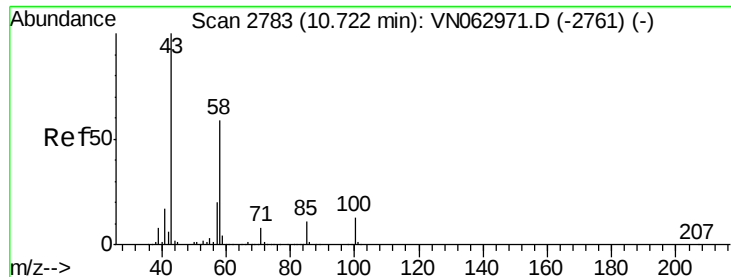
100000

50000

0

Time-->

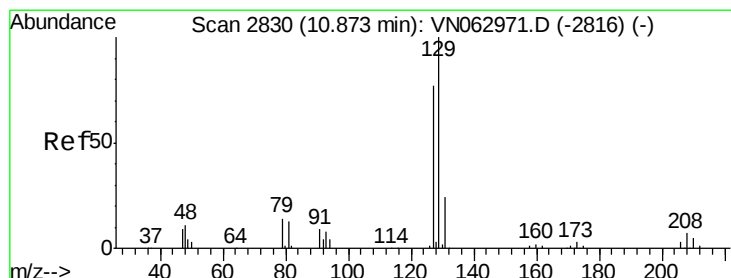
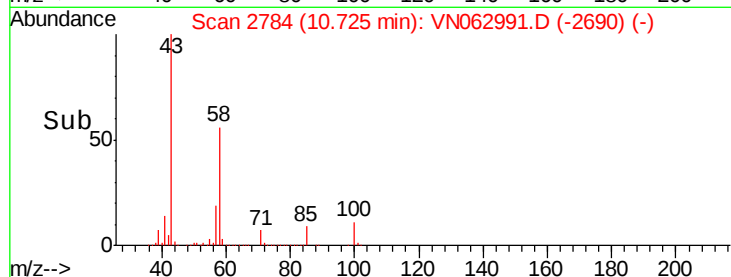
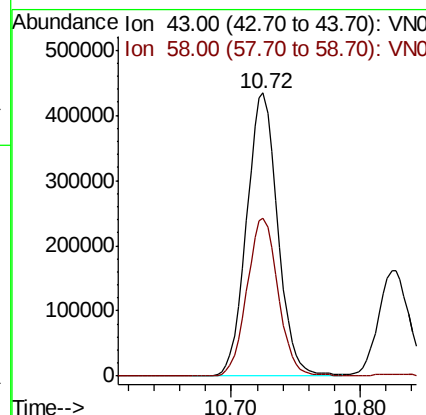
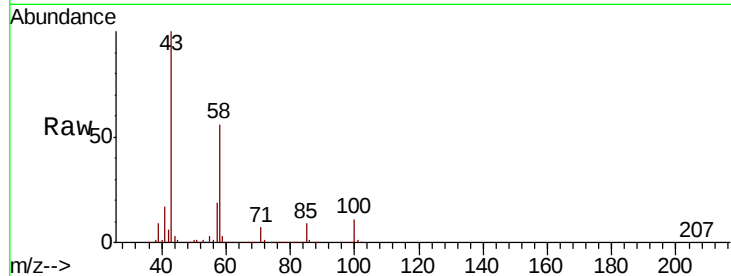




#59
2-Hexanone
Concen: 306.653 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

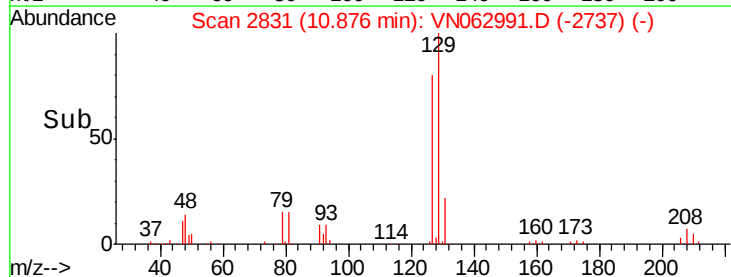
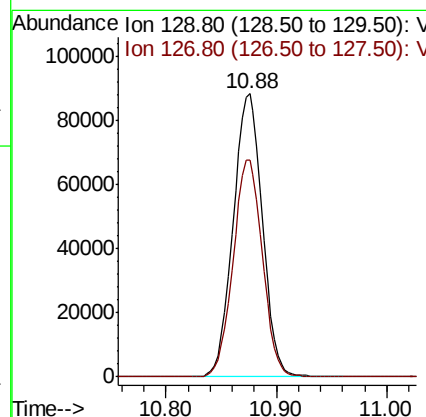
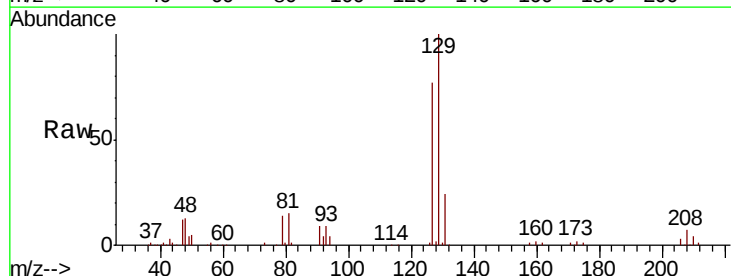
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

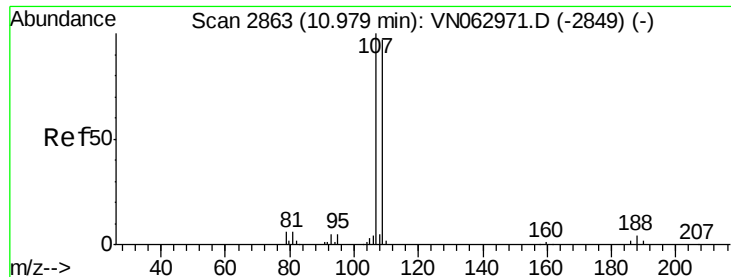
Tot Ion: 43 Resp: 728682
Ion Ratio Lower Upper
43 100
58 56.1 29.5 88.5



#60
Dibromochloromethane
Concen: 47.969 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 129 Resp: 161960
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2

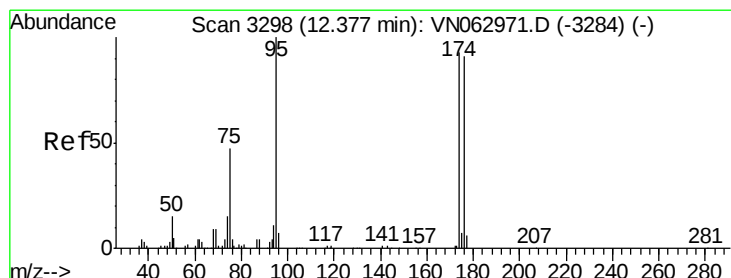
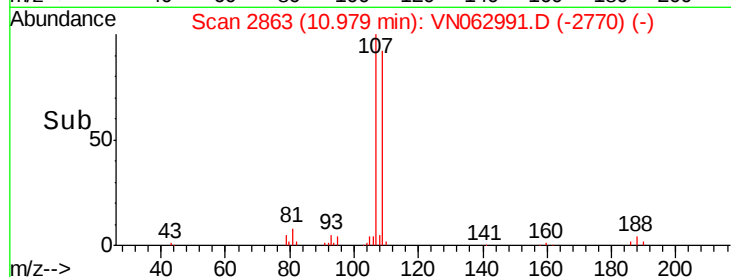
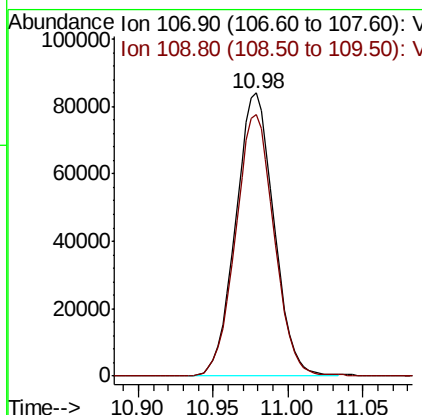
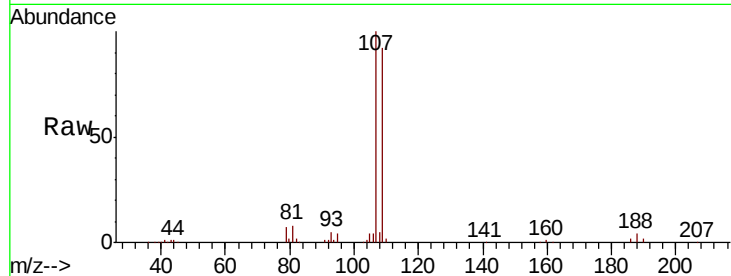




#61
 1,2-Dibromoethane
 Concen: 48.364 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

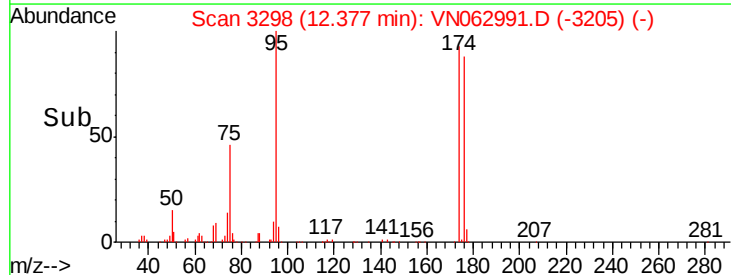
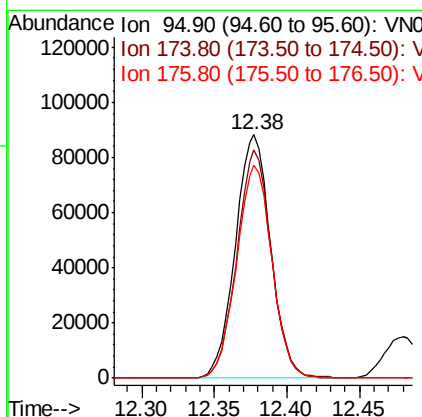
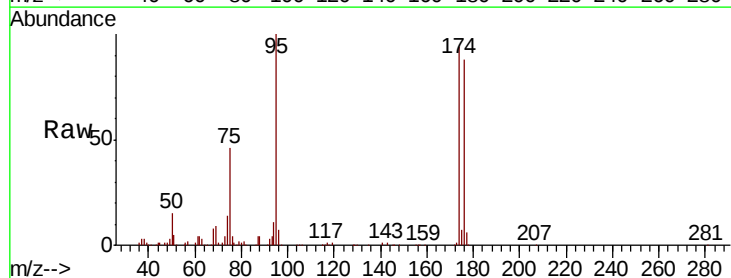
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

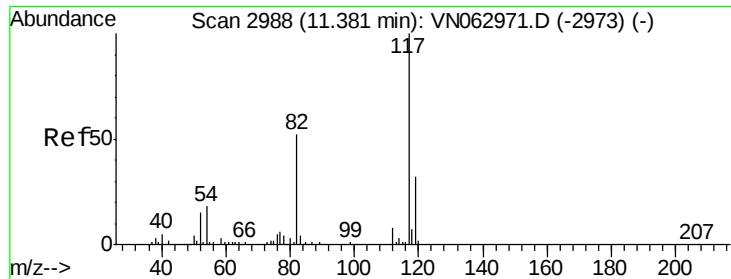
Tot Ion:107 Resp: 149782
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 39.233 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 95 Resp: 148791
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 185.2
 176 88.0 0.0 178.8

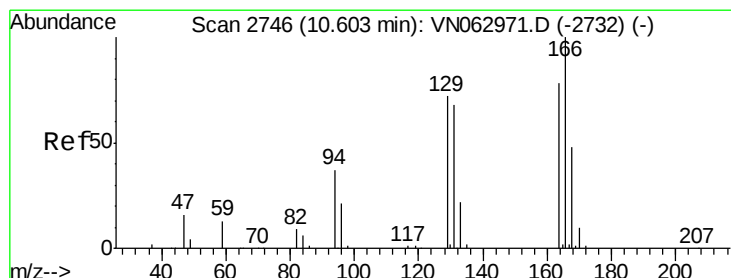
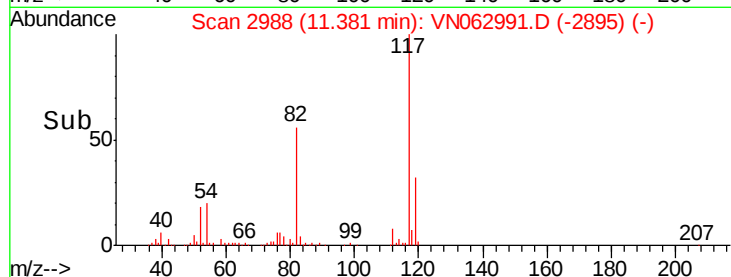
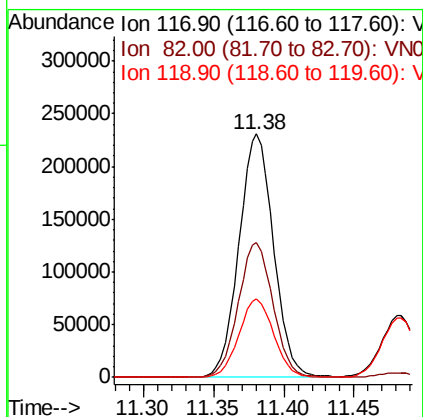
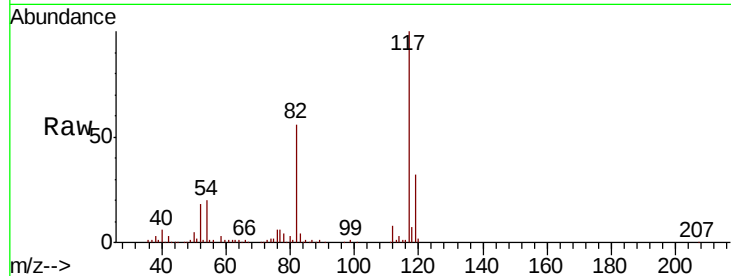




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

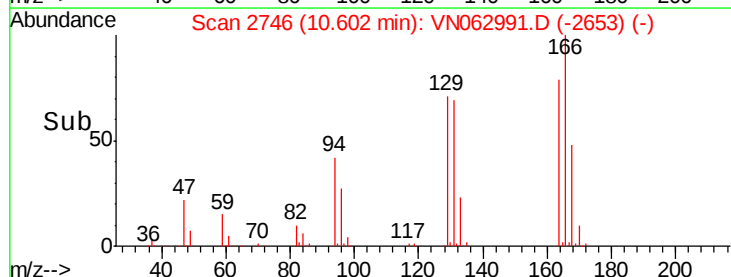
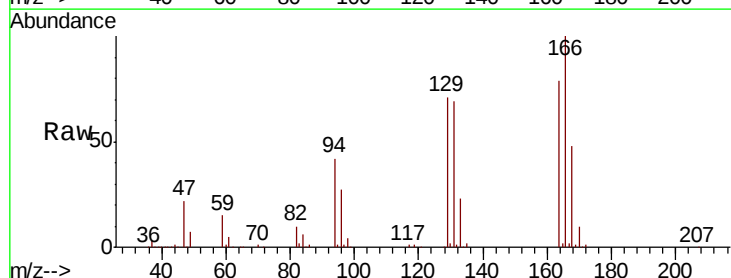
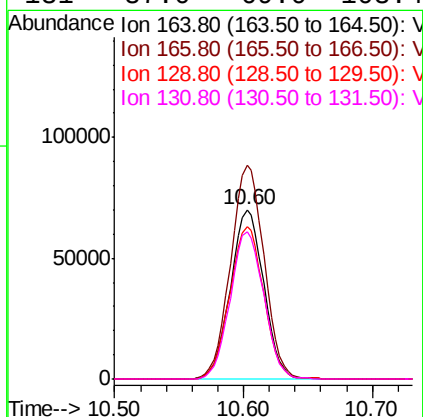
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

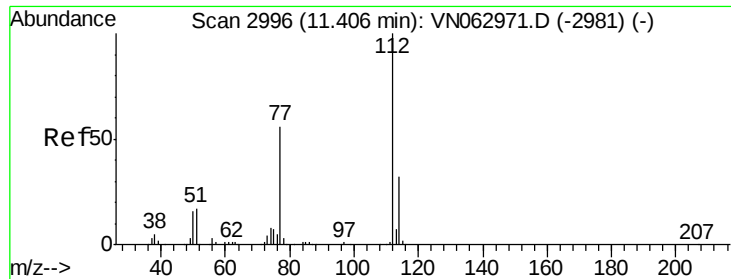
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.3	61.9
119	32.0	25.8	38.8



#64
Tetrachloroethene
Concen: 46.038 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.9	152.9
129	90.2	73.1	109.7
131	87.0	69.0	103.4

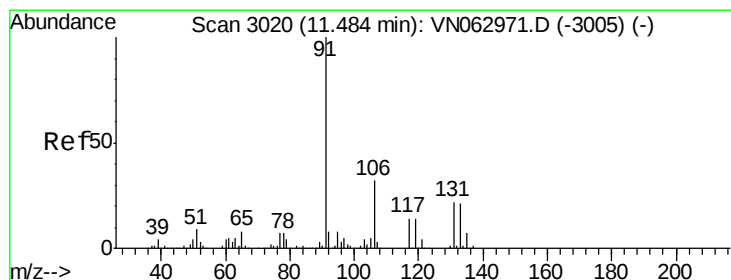
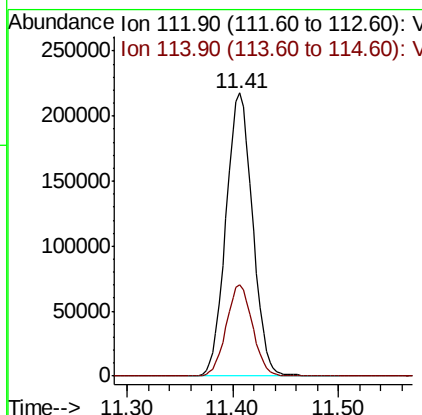
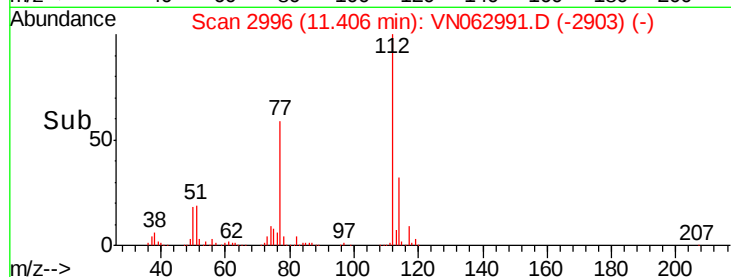
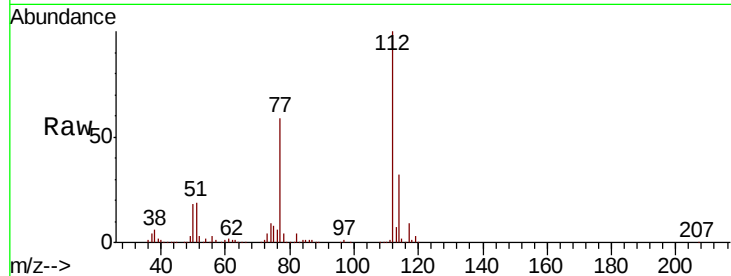




#65
Chlorobenzene
Concen: 46.842 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

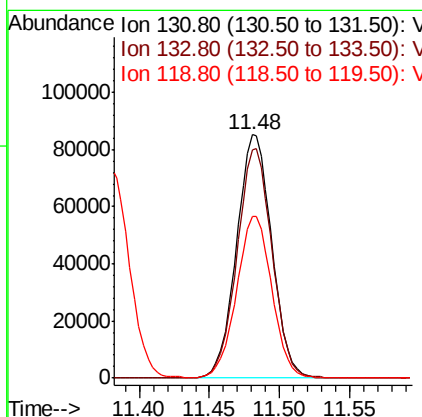
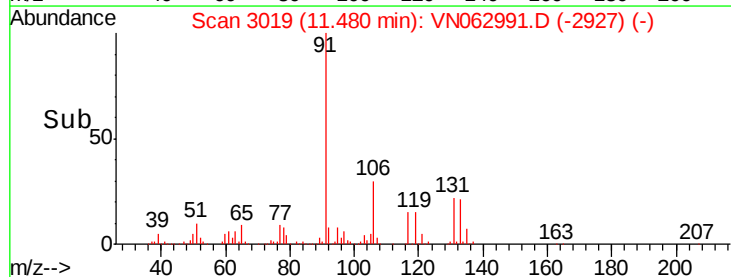
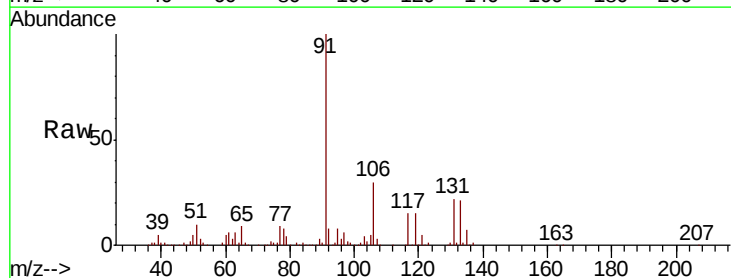
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

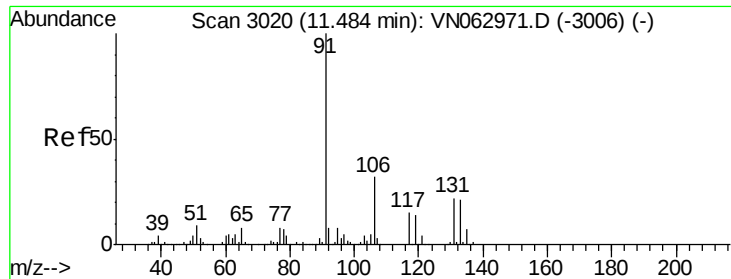
Tot Ion:112 Resp: 380422
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.210 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion:131 Resp: 148913
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.4
119 66.6 32.4 97.0

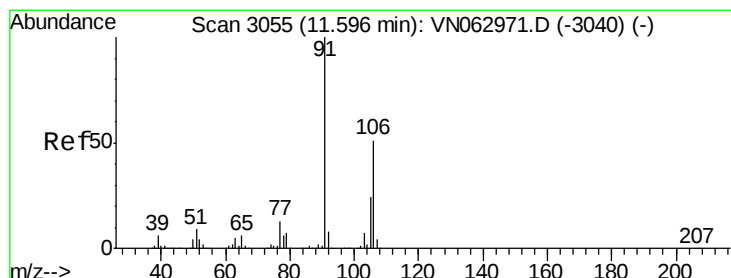
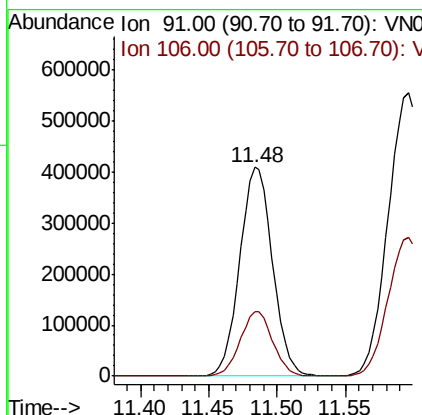
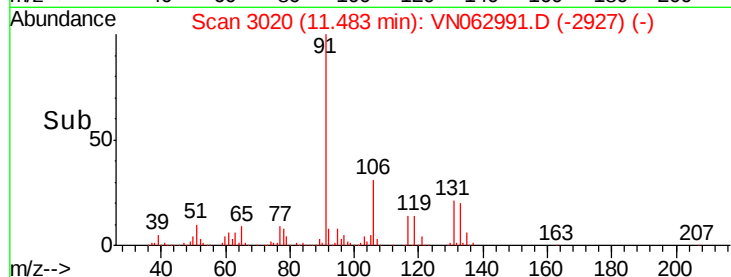
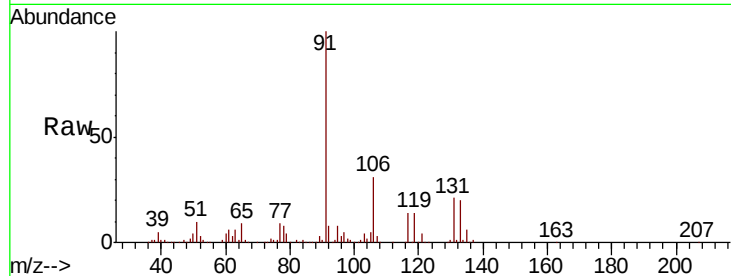




#67
Ethyl Benzene
Concen: 49.914 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

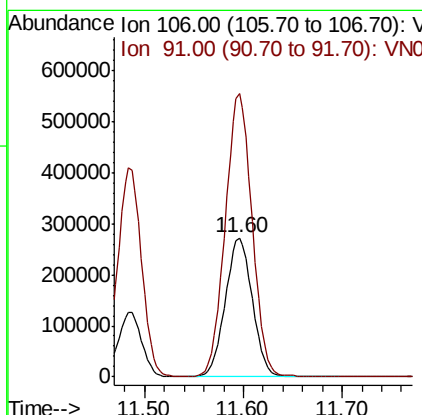
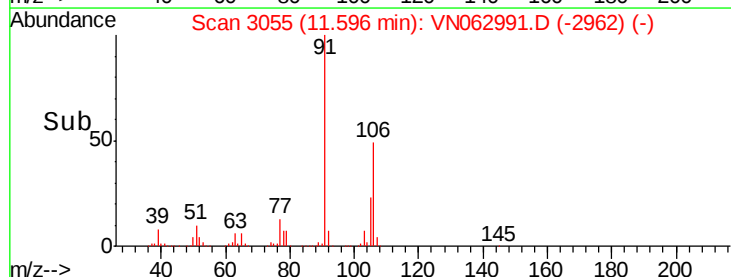
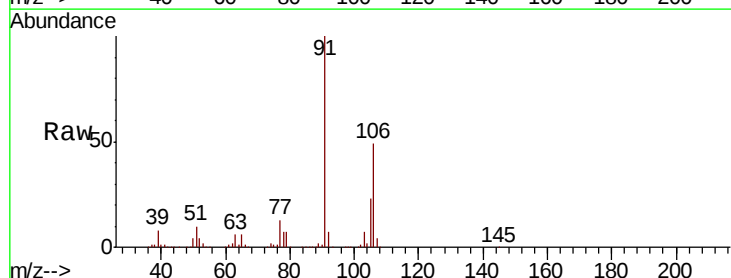
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

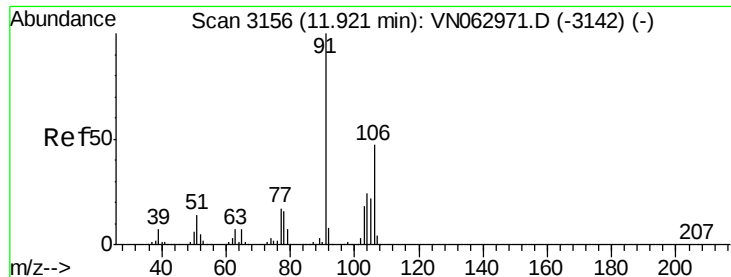
Tot Ion: 91 Resp: 682934
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 100.784 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion: 106 Resp: 520709
Ion Ratio Lower Upper
106 100
91 202.5 158.7 238.1

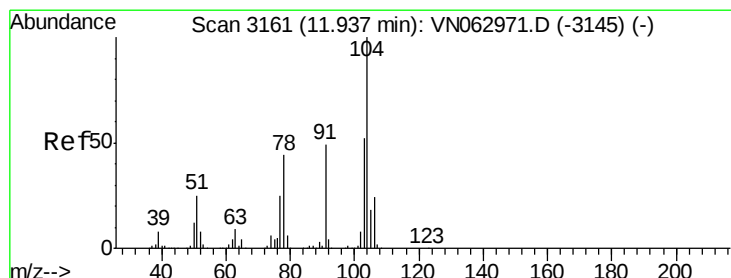
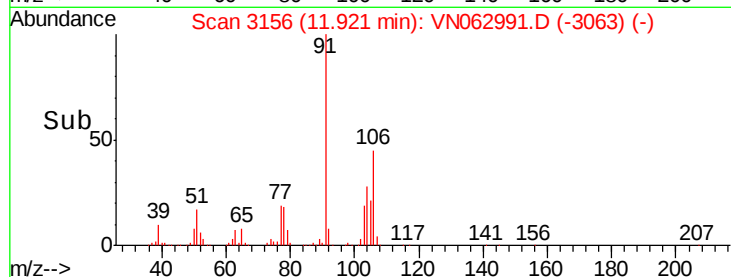
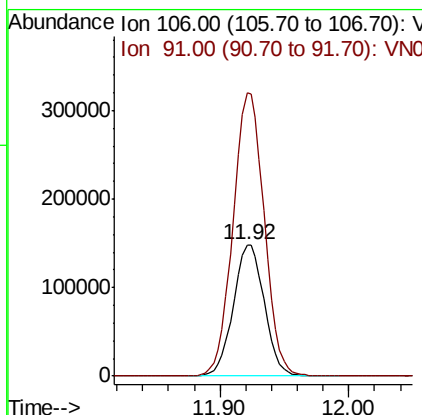
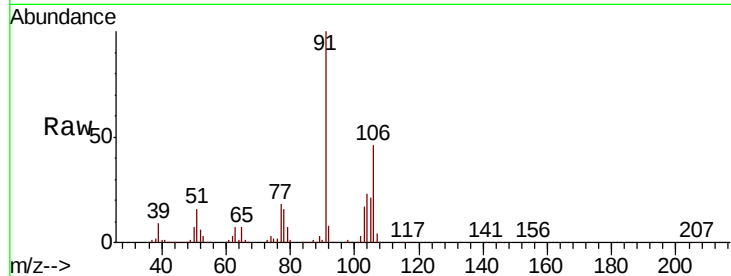




#69
o-Xylene
Concen: 50.408 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

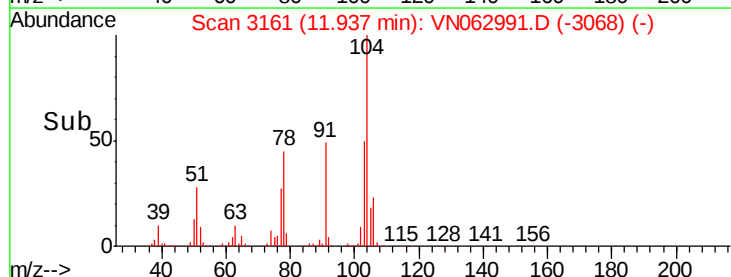
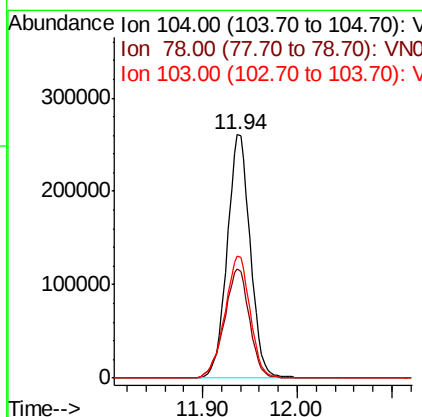
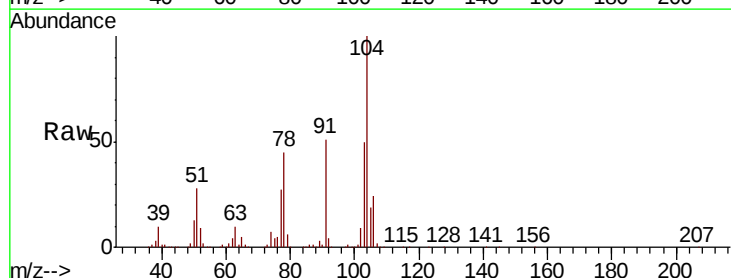
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

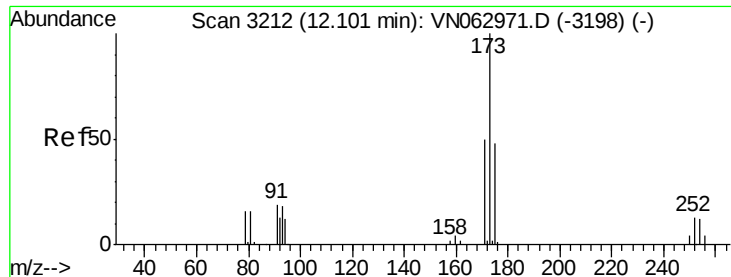
Tot Ion:106 Resp: 247391
Ion Ratio Lower Upper
106 100
91 217.0 106.3 318.8



#70
Styrene
Concen: 52.035 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion:104 Resp: 442930
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 54.8 44.9 67.3





#71

Bromoform

Concen: 47.200 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

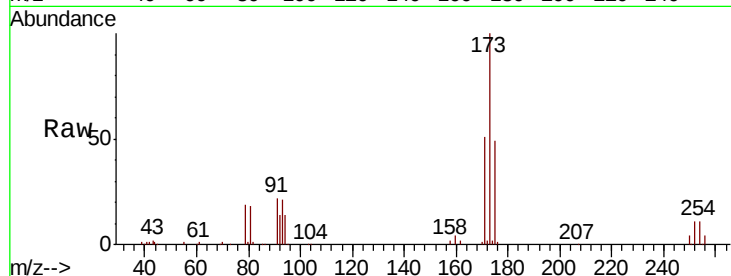
Tot Ion:173 Resp: 124448

Ion Ratio Lower Upper

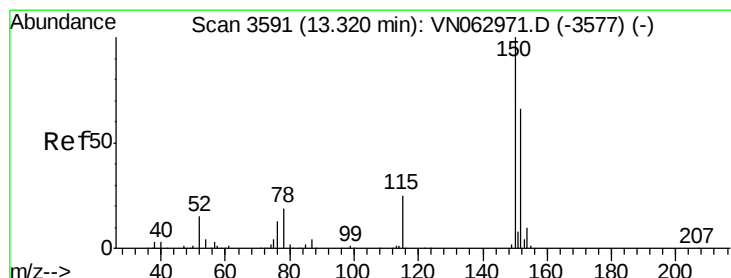
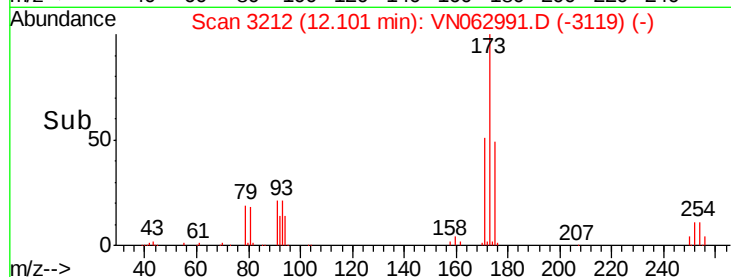
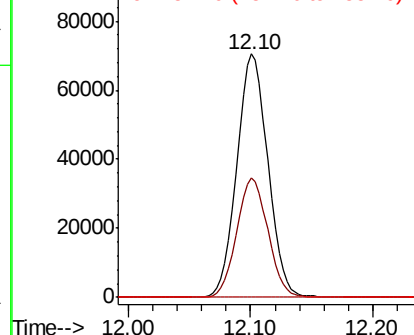
173 100

175 49.0 24.1 72.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

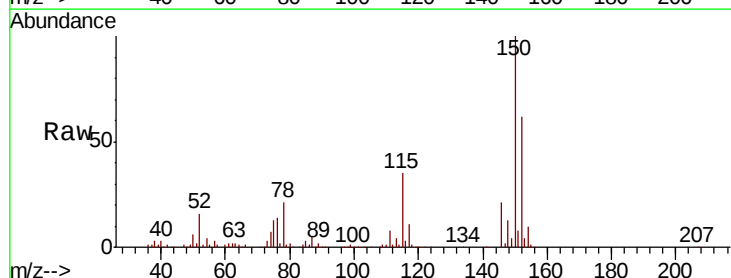
Tgt Ion:152 Resp: 168828

Ion Ratio Lower Upper

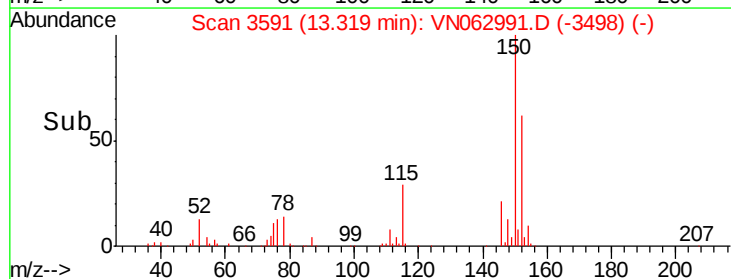
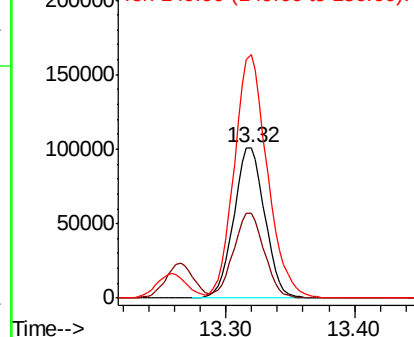
152 100

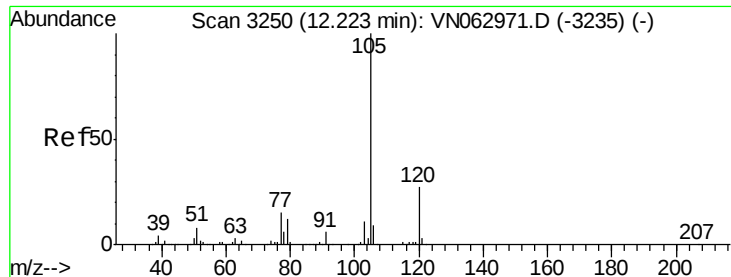
115 55.7 27.1 81.3

150 171.9 0.0 341.4



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: 57.103 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

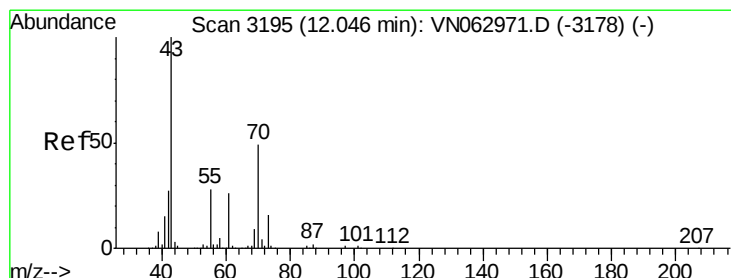
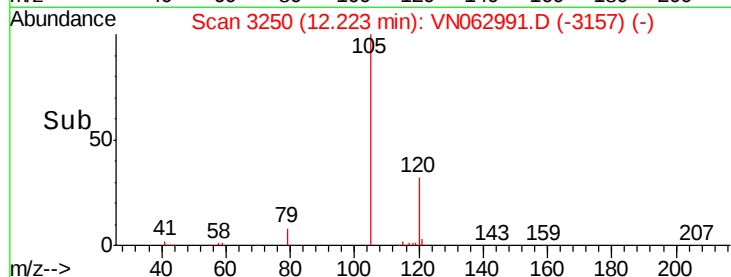
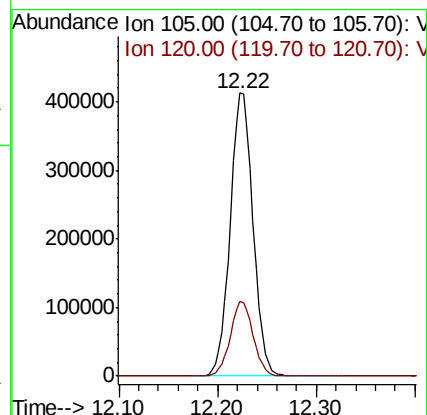
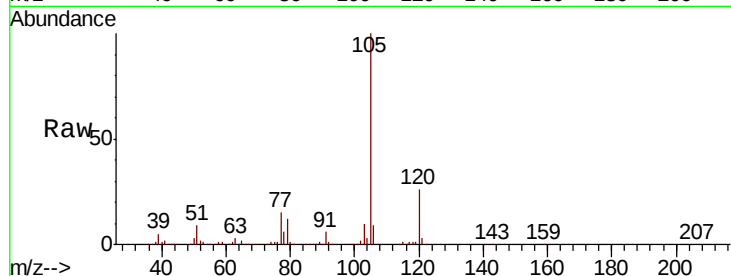
VSTDCCC050EC

Tot Ion:105 Resp: 665085

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 67.640 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Tgt Ion: 43 Resp: 270455

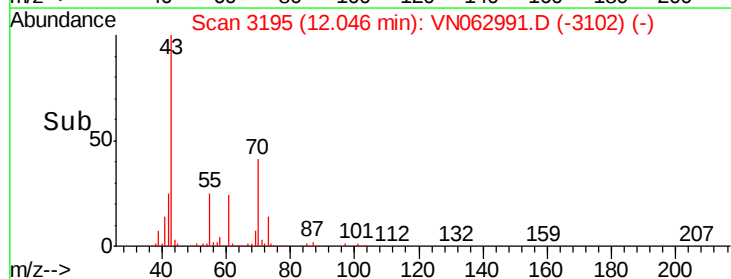
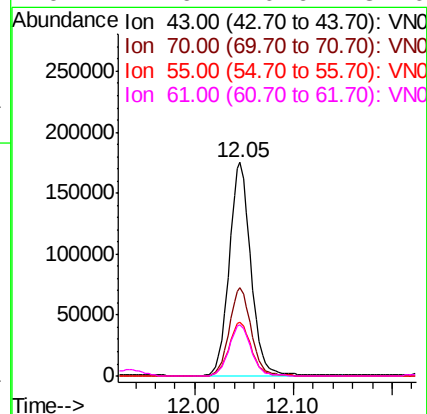
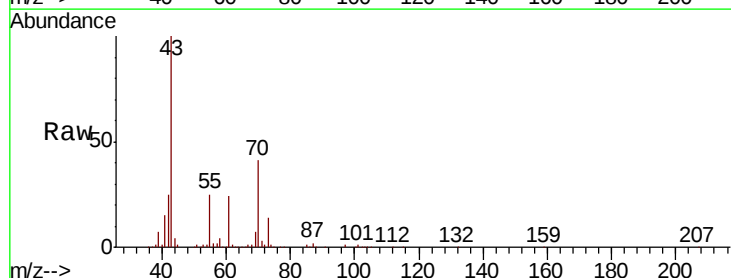
Ion Ratio Lower Upper

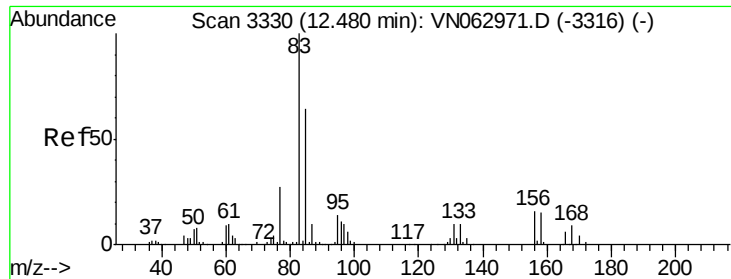
43 100

70 41.8 38.4 57.6

55 26.1 21.9 32.9

61 24.6 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.065 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

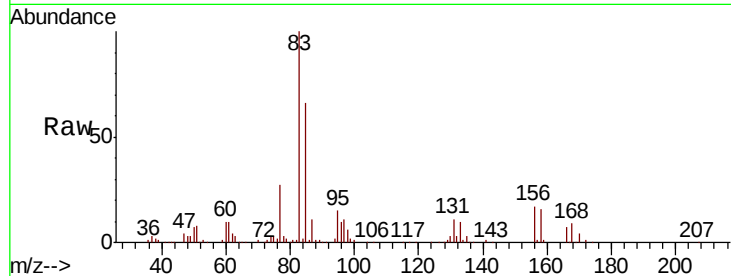
Tot Ion: 83 Resp: 172555

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

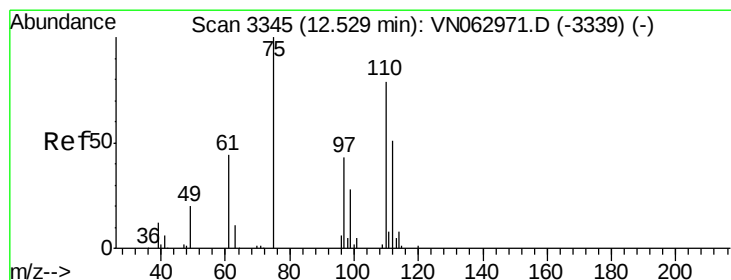
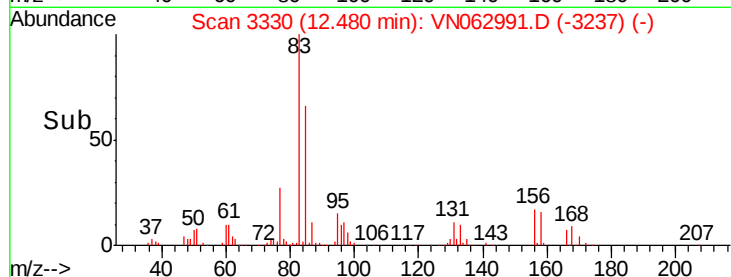
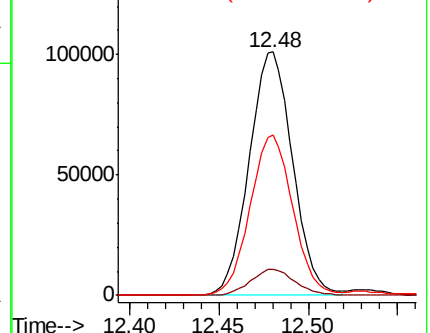
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN062991.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062991.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062991.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 62.934 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062991.D

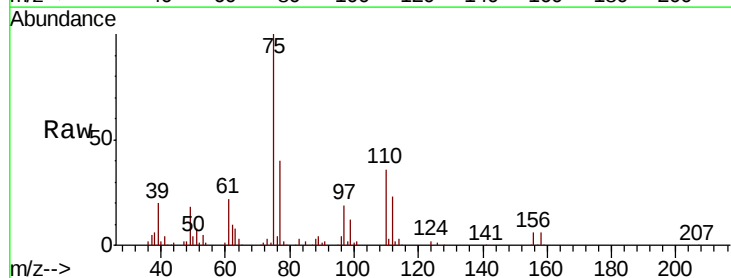
Acq: 18 Aug 2020 00:21

Tgt Ion: 75 Resp: 207632

Ion Ratio Lower Upper

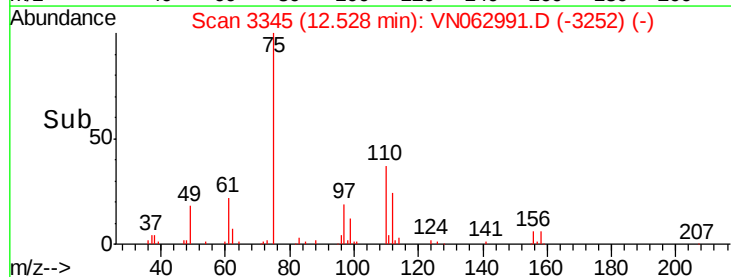
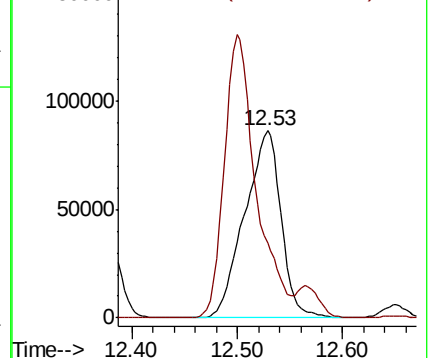
75 100

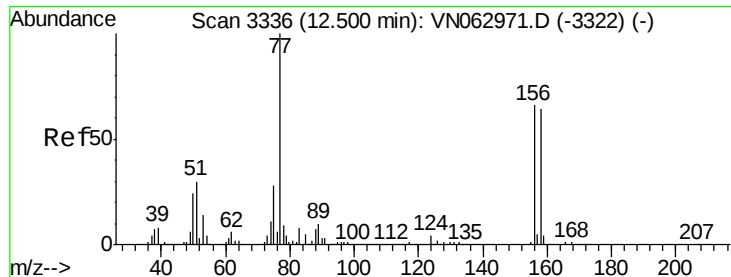
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062991.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062991.D (-3252) (-)





#77

Bromobenzene

Concen: 44.881 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

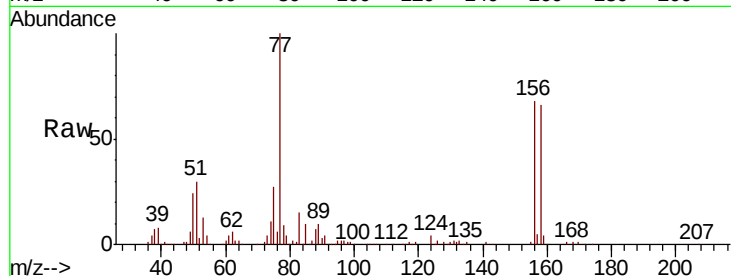
Tot Ion:156 Resp: 150710

Ion Ratio Lower Upper

156 100

77 179.7 92.4 277.2

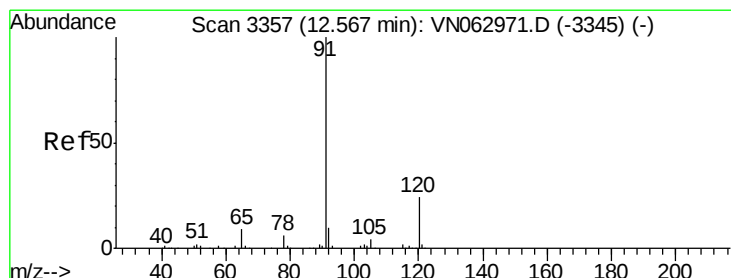
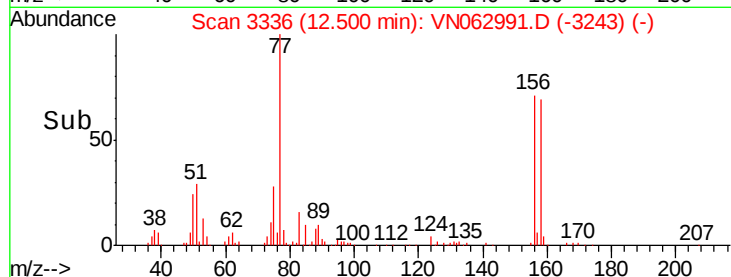
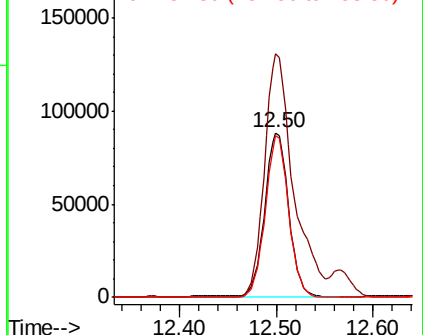
158 96.2 48.6 145.8



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: 44.996 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062991.D

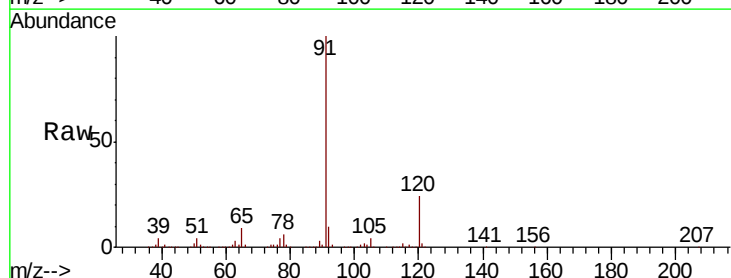
Acq: 18 Aug 2020 00:21

Tgt Ion: 91 Resp: 611477

Ion Ratio Lower Upper

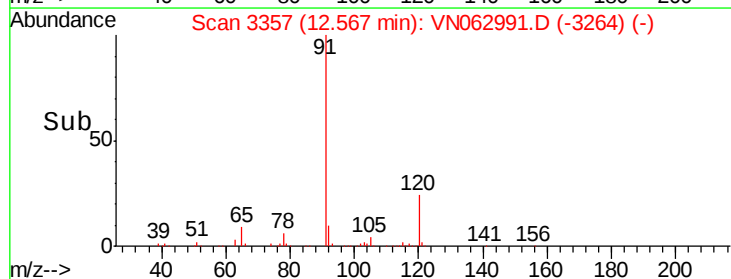
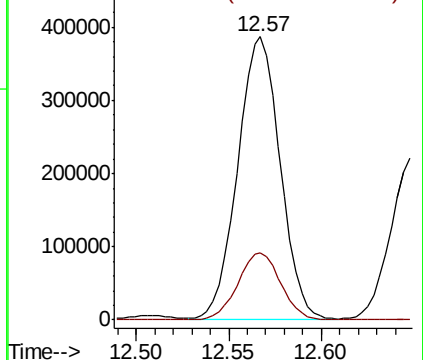
91 100

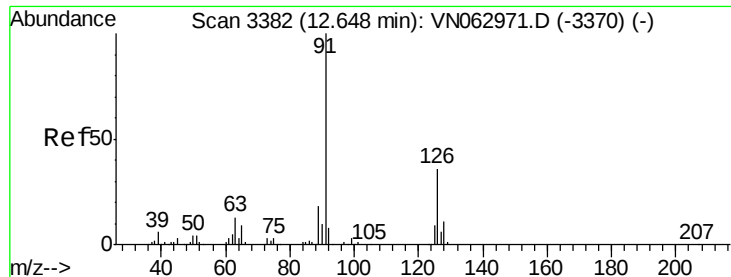
120 24.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

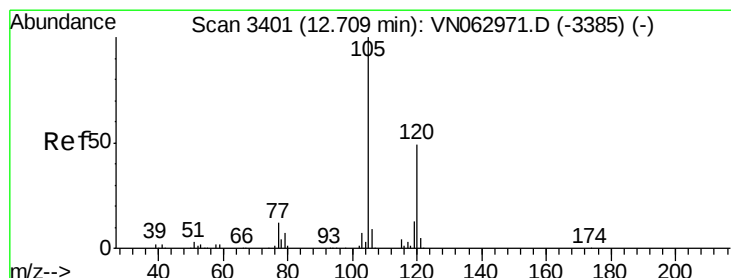
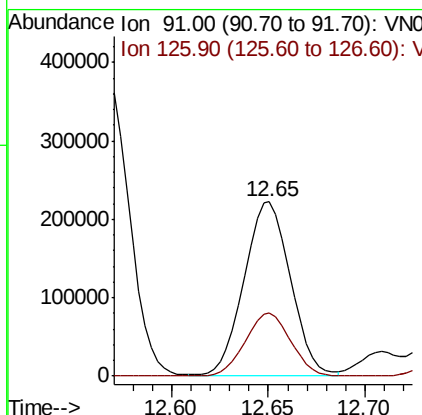
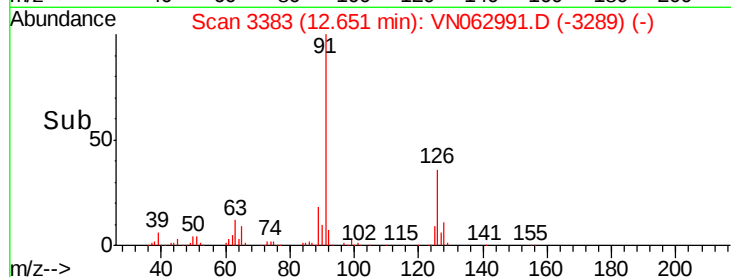
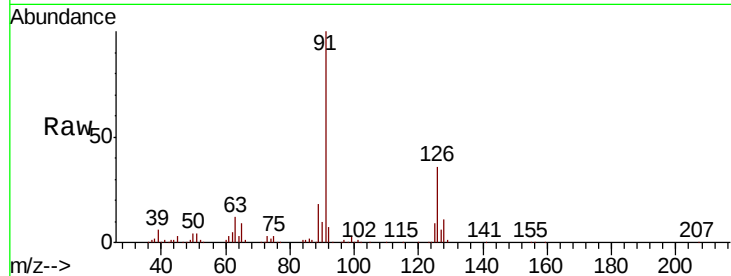




#79
 2-Chlorotoluene
 Concen: 45.263 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

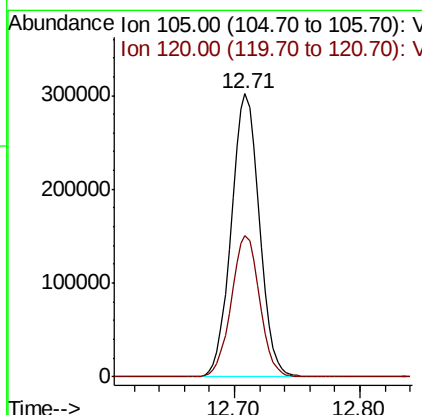
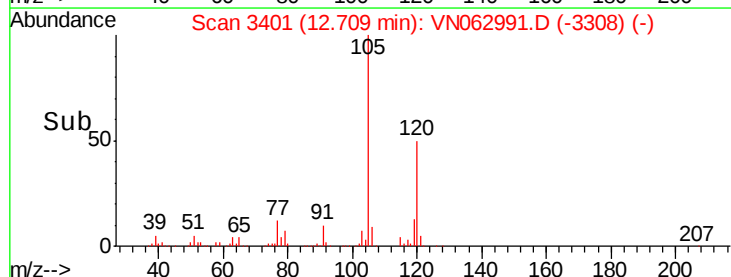
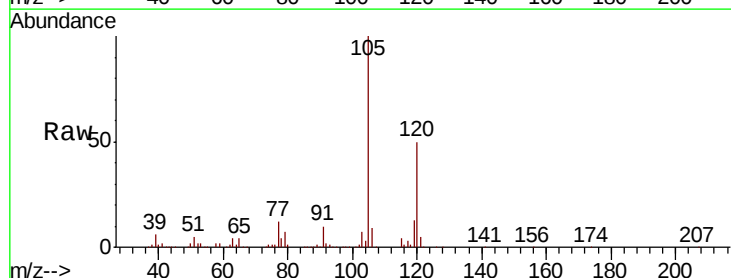
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

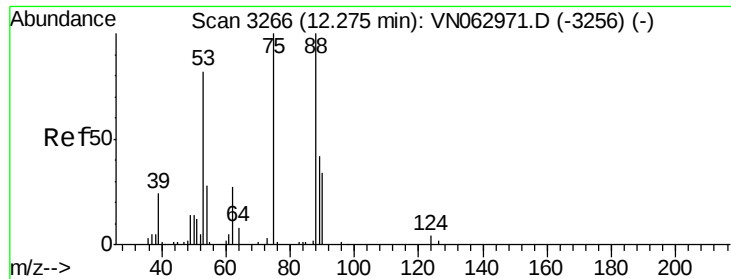
Tot Ion: 91 Resp: 369682
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.1 54.3



#80
 1,3,5-Trimethylbenzene
 Concen: 47.684 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 105 Resp: 467302
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 55.494 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

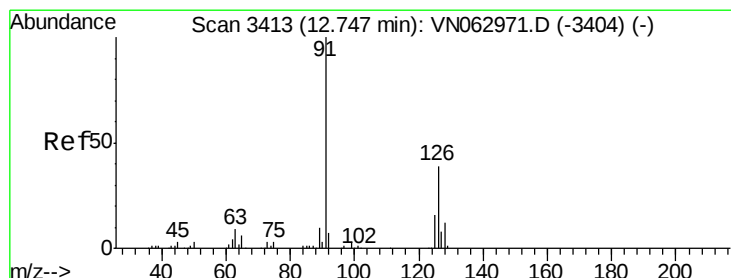
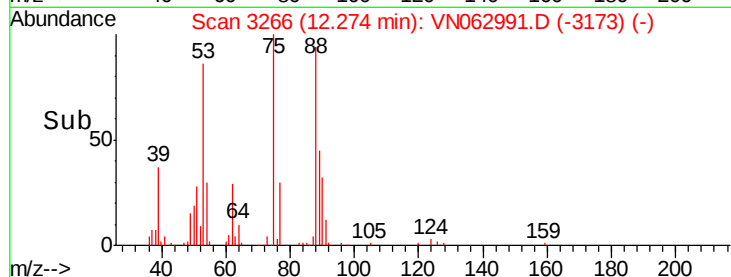
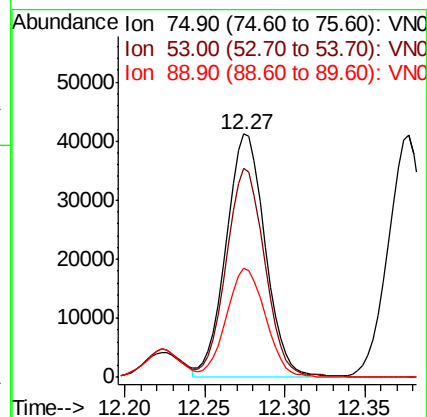
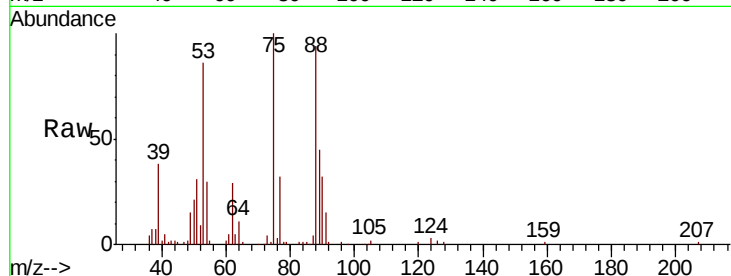
Tot Ion: 75 Resp: 69099

Ion Ratio Lower Upper

75 100

53 84.7 66.2 99.2

89 44.7 35.0 52.4



#82

4-Chlorotoluene

Concen: 45.047 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062991.D

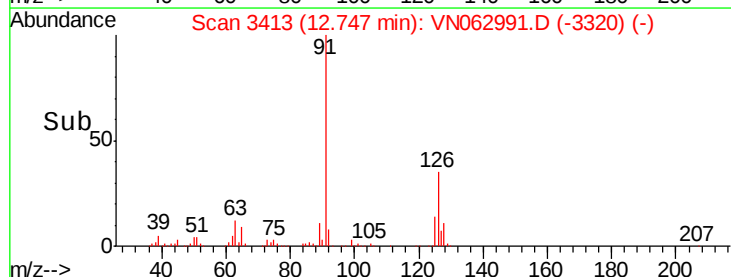
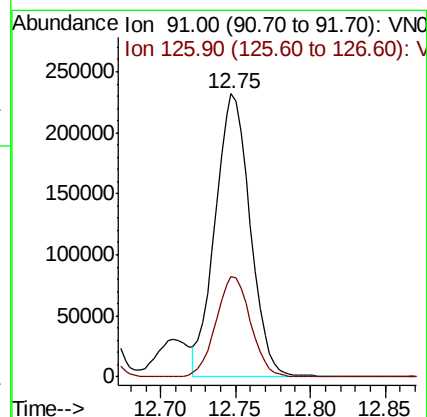
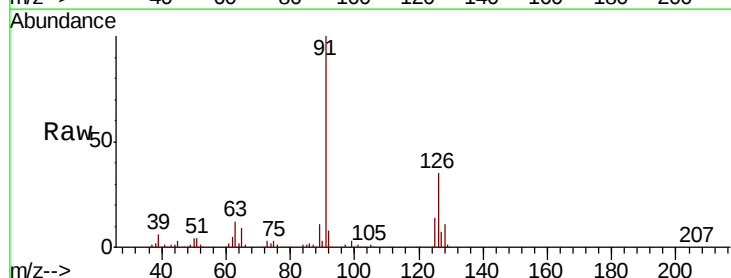
Acq: 18 Aug 2020 00:21

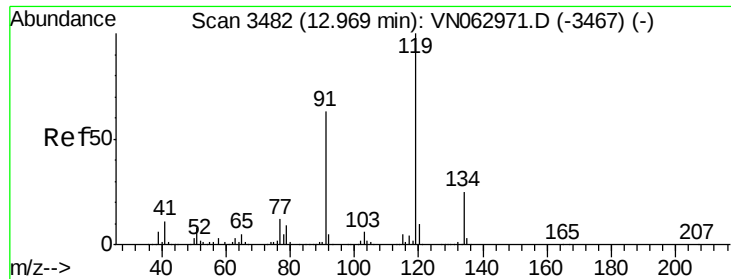
Tgt Ion: 91 Resp: 374917

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8

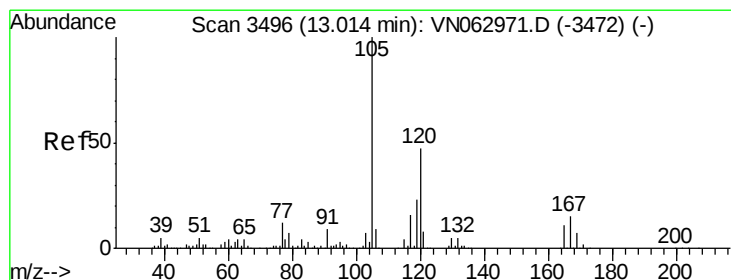
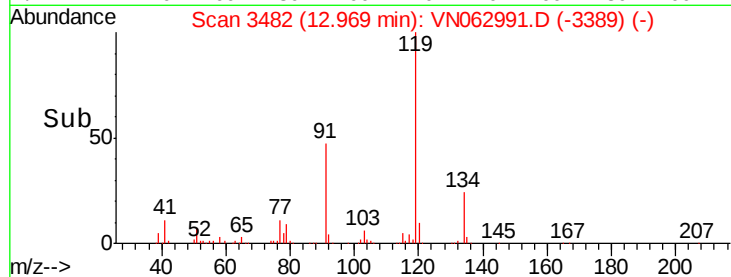
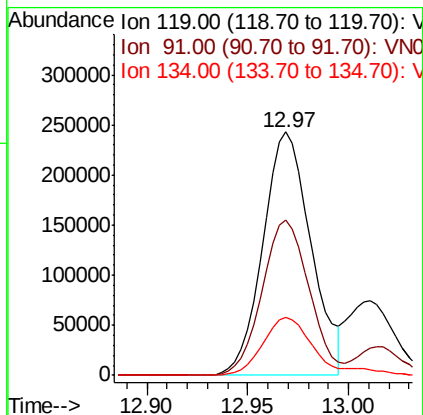
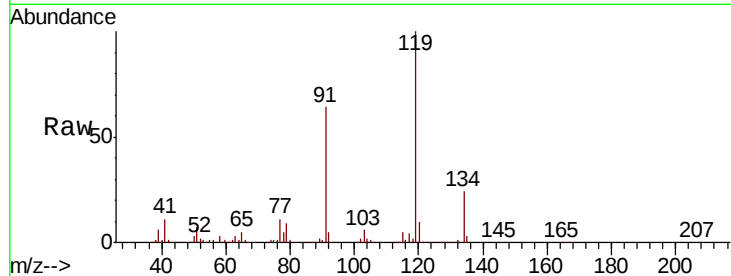




#83
tert-Butylbenzene
Concen: 47.681 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

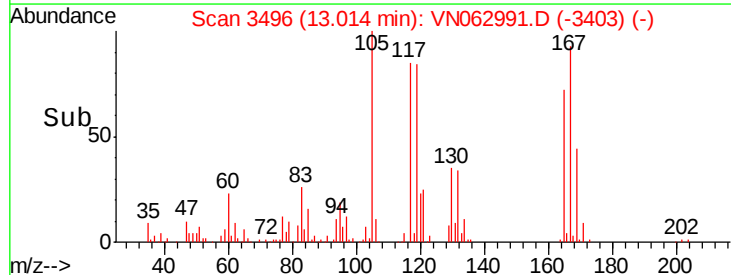
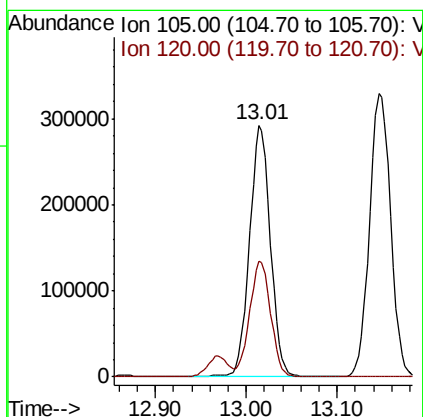
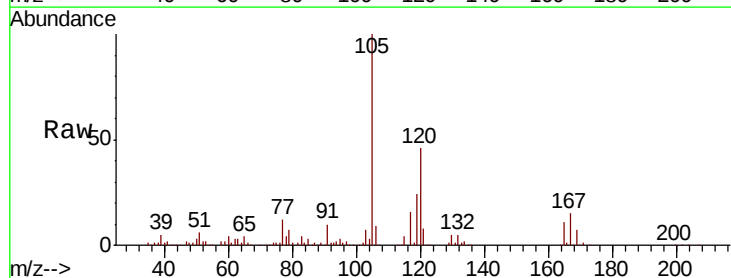
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

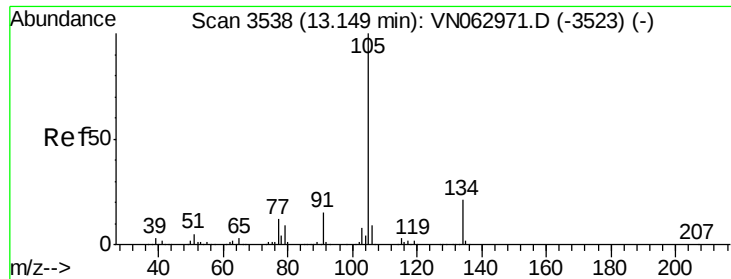
Tot Ion:119 Resp: 402939
Ion Ratio Lower Upper
119 100
91 62.8 31.0 93.0
134 24.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 49.057 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion:105 Resp: 465179
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6

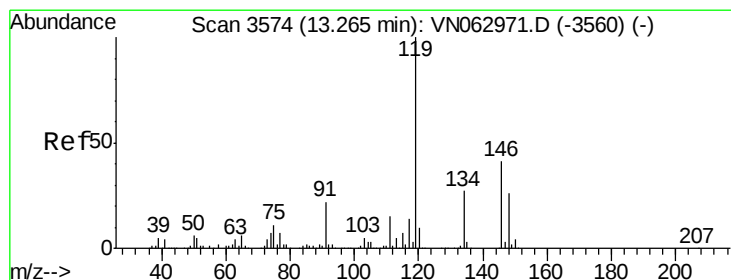
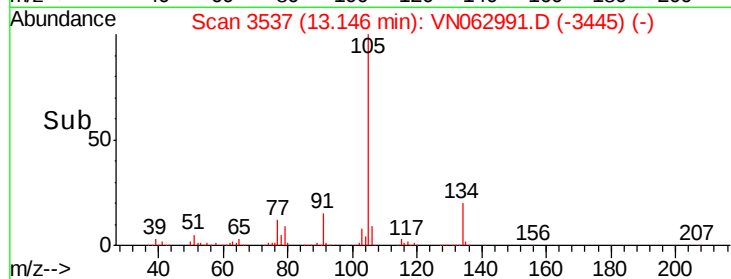
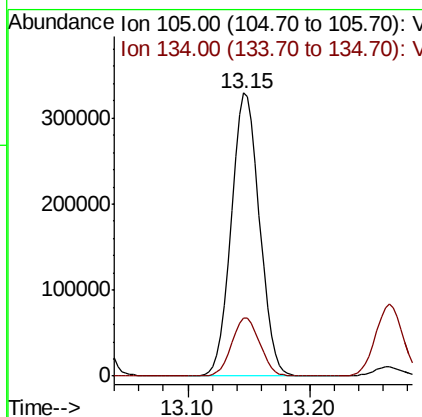
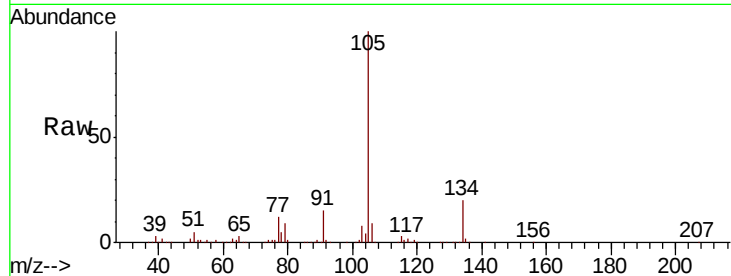




#85
 sec-Butylbenzene
 Concen: 47.705 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

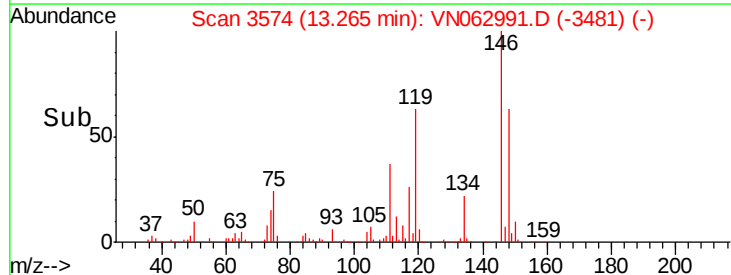
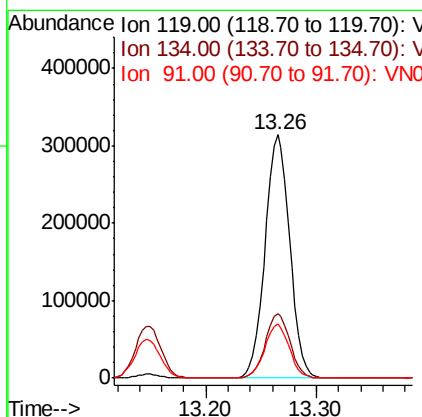
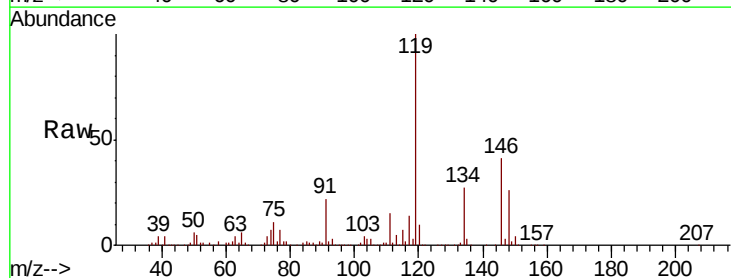
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

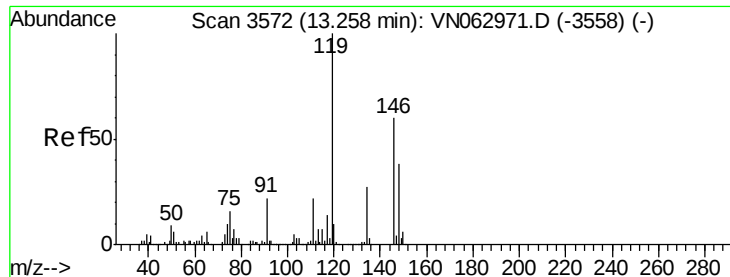
Tot Ion:105 Resp: 530565
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.420 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion:119 Resp: 489099
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 47.312 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

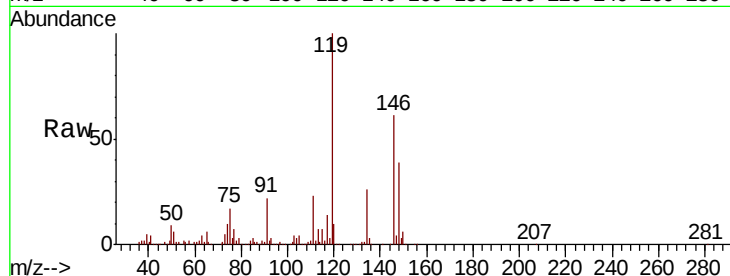
Tot Ion:146 Resp: 261646

Ion Ratio Lower Upper

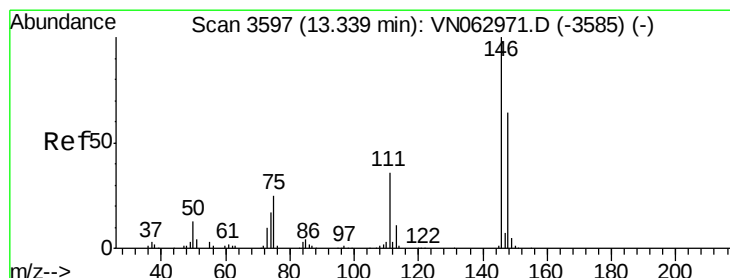
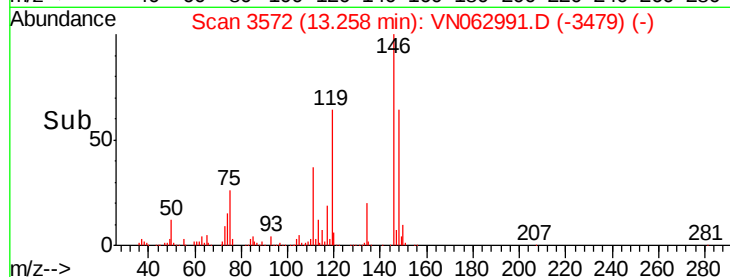
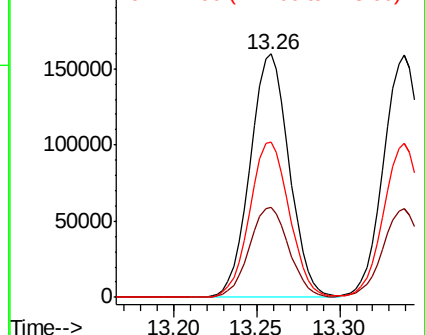
146 100

111 37.5 18.9 56.5

148 64.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.658 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

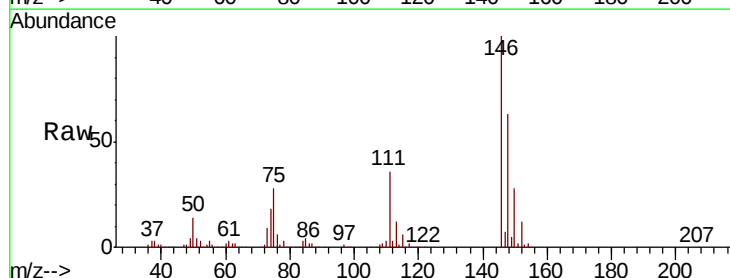
Tgt Ion:146 Resp: 260230

Ion Ratio Lower Upper

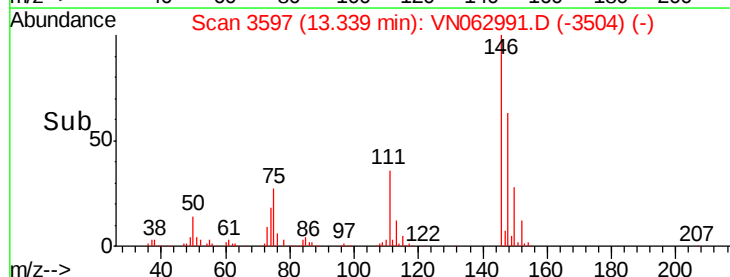
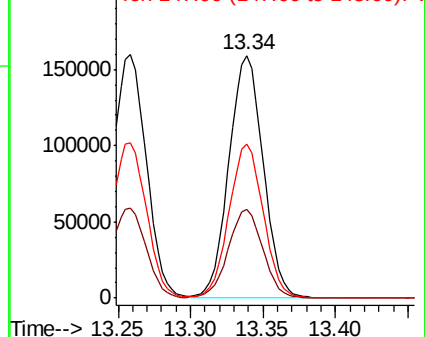
146 100

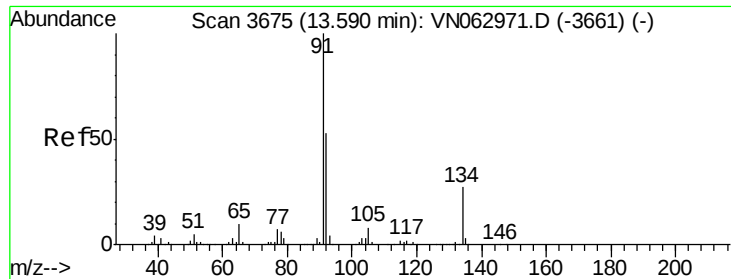
111 37.5 18.4 55.2

148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.820 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062991.D

Acq: 18 Aug 2020 00:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

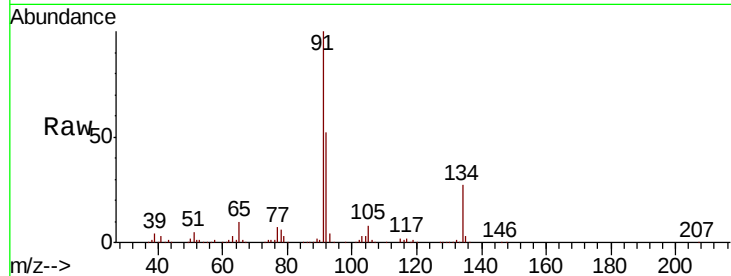
Tot Ion: 91 Resp: 376369

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

134 27.1 13.4 40.2

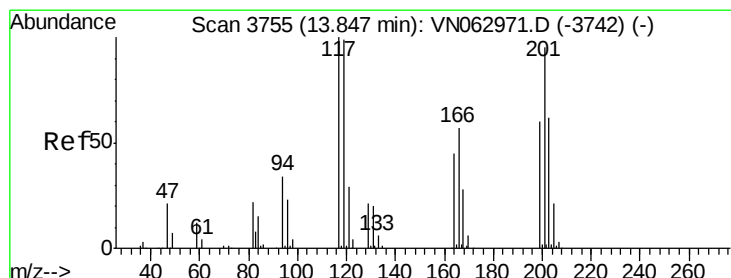
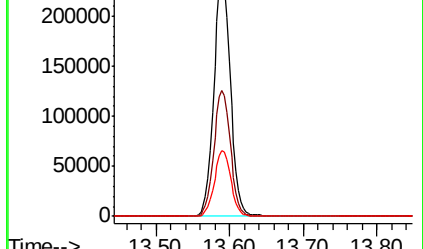
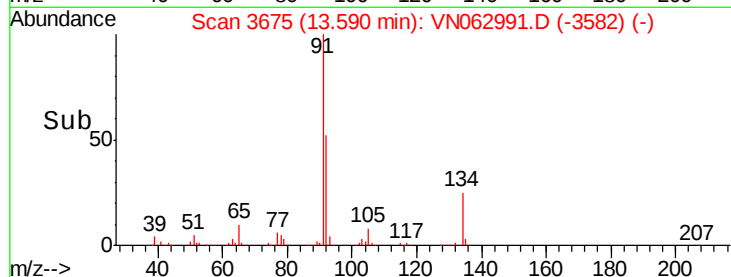


Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062971.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062971.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 45.074 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062991.D

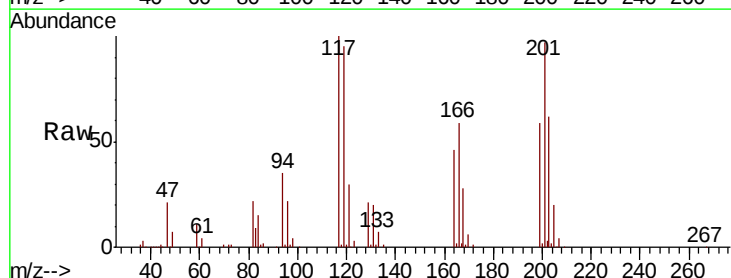
Acq: 18 Aug 2020 00:21

Tgt Ion: 117 Resp: 90487

Ion Ratio Lower Upper

117 100

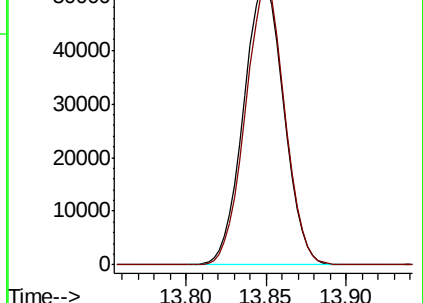
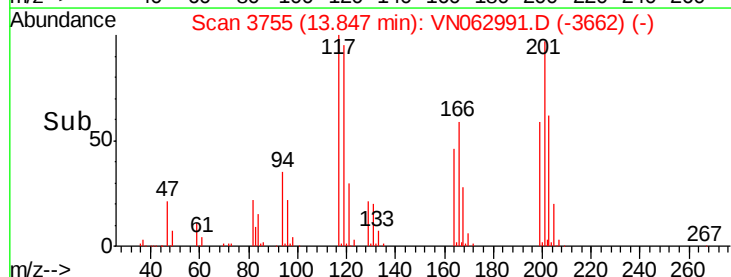
201 96.8 48.4 145.3

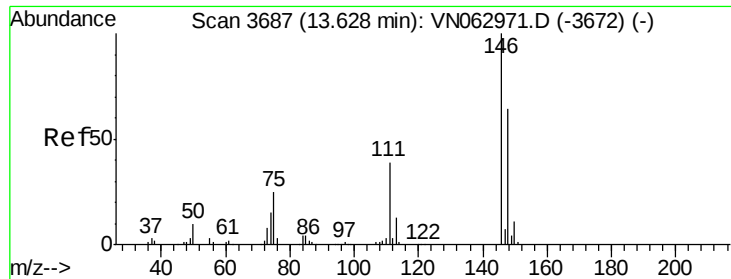


Abundance Ion 116.80 (116.50 to 117.50): VN062971.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062971.D (-3742) (-)

Time-->

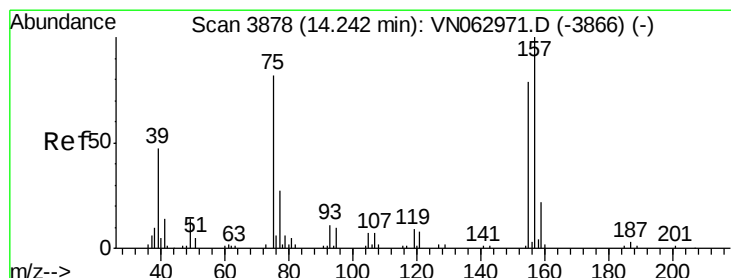
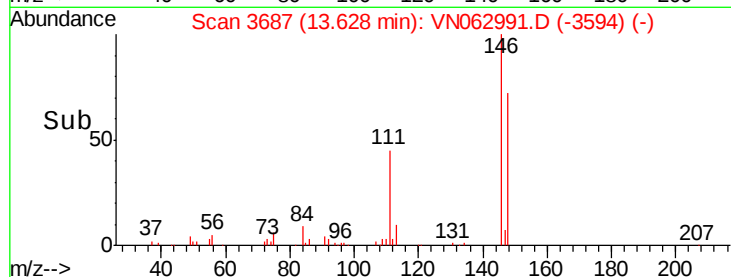
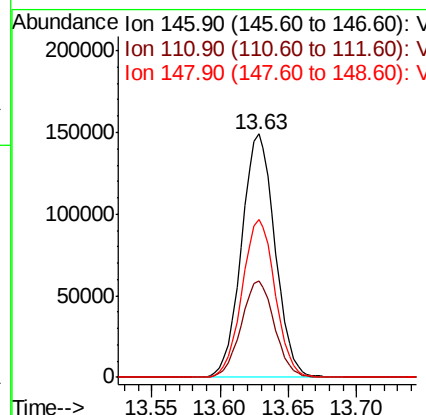
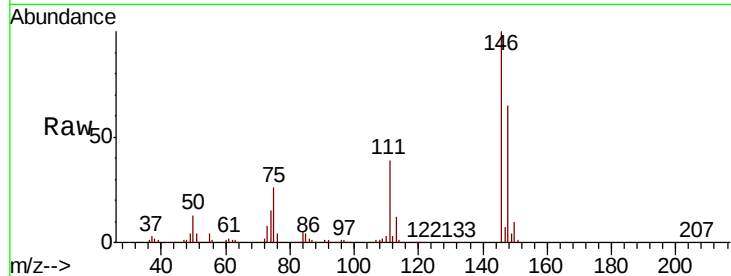




#91
 1,2-Dichlorobenzene
 Concen: 47.412 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

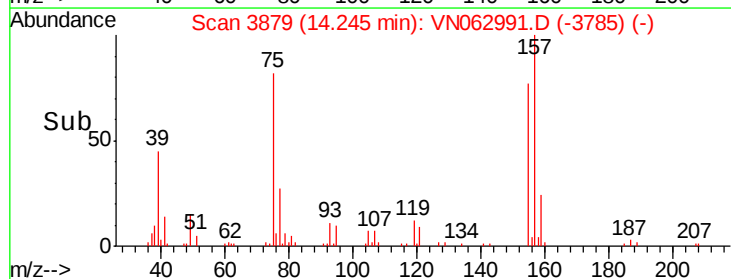
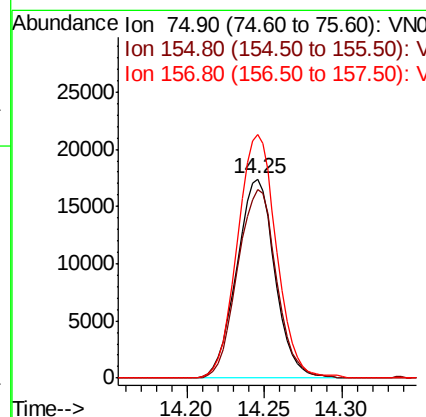
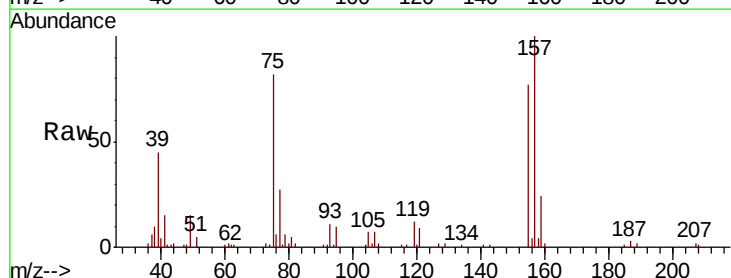
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

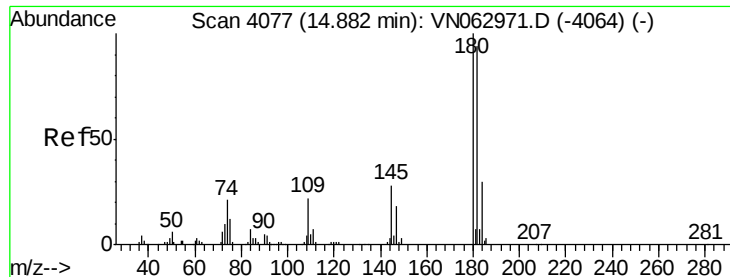
Tot Ion:146 Resp: 253411
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.4
 148 64.1 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.183 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion: 75 Resp: 29890
 Ion Ratio Lower Upper
 75 100
 155 96.6 47.6 142.8
 157 125.0 61.4 184.1

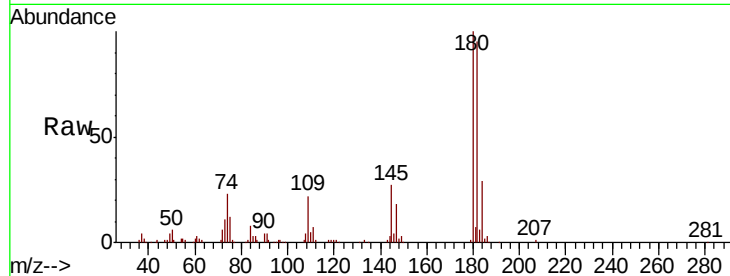




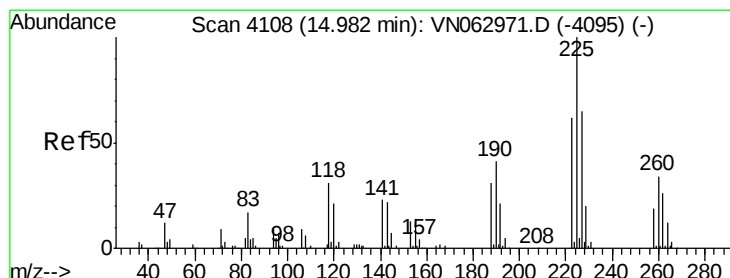
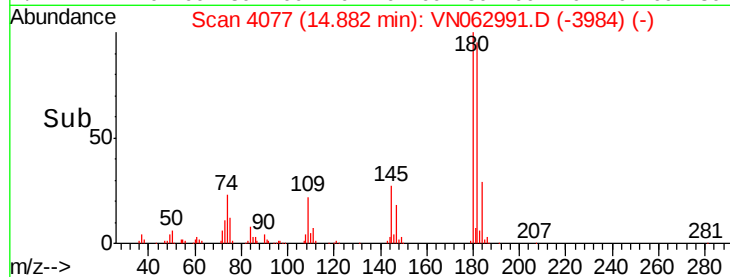
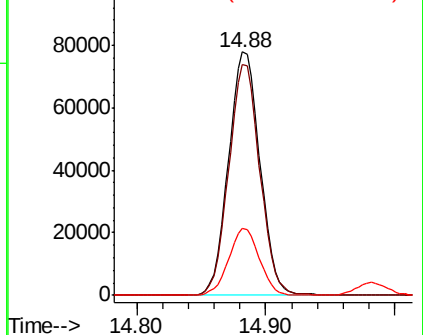
#93
 1,2,4-Trichlorobenzene
 Concen: 43.838 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 131578
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.8 143.3
 145 27.0 13.9 41.7

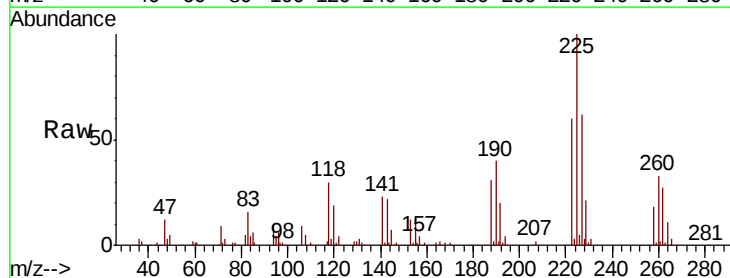


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

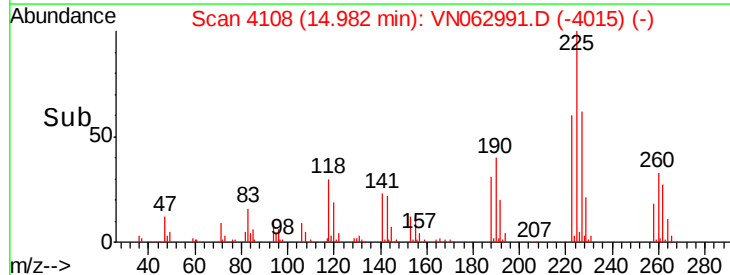
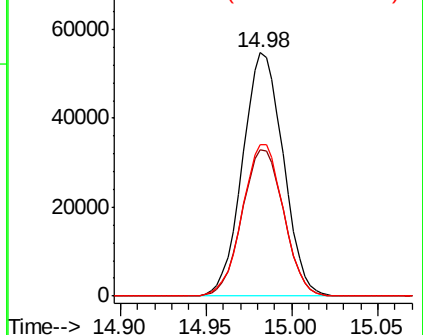


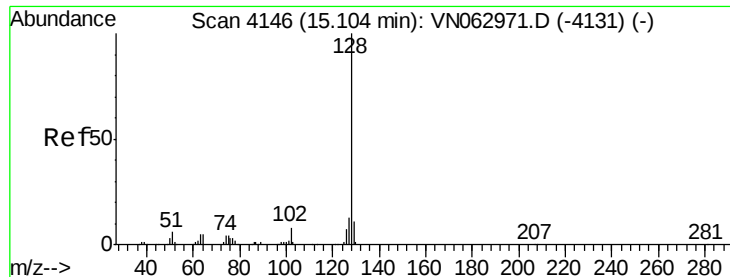
#94
 Hexachlorobutadiene
 Concen: 43.649 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062991.D
 Acq: 18 Aug 2020 00:21

Tgt Ion:225 Resp: 90055
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.5
 227 62.9 32.0 96.0



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

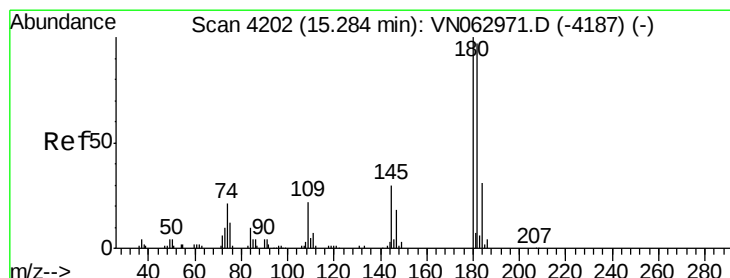
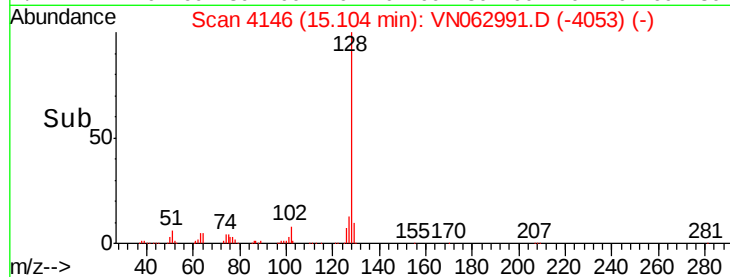
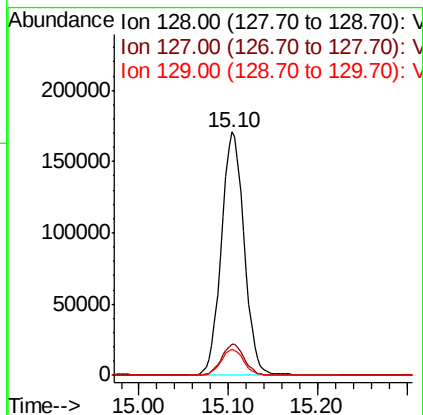
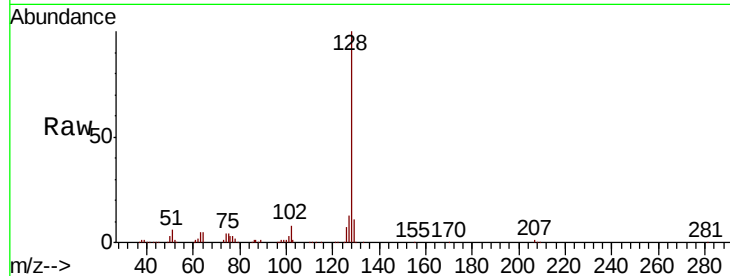




#95
Naphthalene
Concen: 49.635 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 302567
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 43.830 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062991.D
Acq: 18 Aug 2020 00:21

Tgt Ion:180 Resp: 129879
Ion Ratio Lower Upper
180 100
182 95.9 49.3 147.8
145 29.0 15.0 45.0

