

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062872.D
 Acq On : 12 Aug 2020 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 05:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	117658	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.55	113	79216	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.06	98	305604	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.38	95	118458	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95788	45.108	ug/l	99
3) Chloromethane	2.04	50	85097	42.466	ug/l	96
4) Vinyl Chloride	2.16	62	83851	44.613	ug/l	99
5) Bromomethane	2.50	94	59309	47.669	ug/l	99
6) Chloroethane	2.65	64	67761	54.801	ug/l	96
7) Trichlorofluoromethane	2.97	101	160763	47.968	ug/l	97
8) Diethyl Ether	3.37	74	43813	45.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64023	47.319	ug/l	98
10) Methyl Iodide	3.91	142	83790	51.582	ug/l	98
11) Tert butyl alcohol	4.74	59	89218	221.973	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	59735	47.235	ug/l	96
13) Acrolein	3.57	56	53543	220.019	ug/l	100
14) Allyl chloride	4.27	41	103365	39.812	ug/l	99
15) Acrylonitrile	4.93	53	214735	230.343	ug/l	100
16) Acetone	3.78	43	185889	209.778	ug/l	98
17) Carbon Disulfide	4.00	76	154075	42.837	ug/l	99
18) Methyl Acetate	4.28	43	103702	49.468	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	278415	48.458	ug/l	97
20) Methylene Chloride	4.50	84	77222	47.583	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	65697	44.270	ug/l	99
22) Diisopropyl ether	5.90	45	253466	45.859	ug/l	97
23) Vinyl Acetate	5.84	43	875460	208.246	ug/l	97
24) 1,1-Dichloroethane	5.80	63	141080	43.557	ug/l	99
25) 2-Butanone	6.79	43	279221	222.483	ug/l	100
26) 2,2-Dichloropropane	6.77	77	94225	31.559	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	81195	45.610	ug/l	93
28) Bromochloromethane	7.15	49	74934	47.936	ug/l	95
29) Tetrahydrofuran	7.17	42	183723	225.332	ug/l	96
30) Chloroform	7.33	83	157153	45.655	ug/l	99
31) Cyclohexane	7.62	56	123965	41.694	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	142785	46.395	ug/l	99
36) 1,1-Dichloropropene	7.75	75	103147	44.305	ug/l	98
37) Ethyl Acetate	6.88	43	107161	44.064	ug/l	99
38) Carbon Tetrachloride	7.73	117	124464	45.203	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125614	44.835	ug/l	99
40) Benzene	8.00	78	308339	44.384	ug/l	100
41) Methacrylonitrile	7.17	41	169565	154.517	ug/l #	60
42) 1,2-Dichloroethane	8.09	62	133899	45.285	ug/l	100
43) Isopropyl Acetate	8.13	43	176425	43.494	ug/l	99
44) Trichloroethene	8.80	130	76175	45.006	ug/l	99
45) 1,2-Dichloropropane	9.09	63	85753	45.608	ug/l	98
46) Dibromomethane	9.18	93	58183	47.228	ug/l	97
47) Bromodichloromethane	9.37	83	131348	47.471	ug/l	99
48) Methyl methacrylate	9.17	41	87984	44.098	ug/l	95
49) 1,4-Dioxane	9.17	88	35786	967.988	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602880	229.711	ug/l	98
52) Toluene	10.13	92	198583	46.297	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	136416	44.822	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	136575	44.695	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	85011	46.405	ug/l	98
56) Ethyl methacrylate	10.40	69	133761	48.510	ug/l	98
57) 1,3-Dichloropropane	10.68	76	145072	46.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	176058	225.884	ug/l	100
59) 2-Hexanone	10.72	43	455366	232.598	ug/l	99
60) Dibromochloromethane	10.88	129	101405	48.507	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86283	47.732	ug/l	100
64) Tetrachloroethene	10.60	164	67014	45.447	ug/l	98
65) Chlorobenzene	11.41	112	220303	46.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92455	48.192	ug/l	98
67) Ethyl Benzene	11.49	91	403640	47.215	ug/l	99
68) m/p-Xylenes	11.60	106	302025	97.324	ug/l	97
69) o-Xylene	11.92	106	145875	50.160	ug/l	96
70) Styrene	11.94	104	257775	50.426	ug/l	100
71) Bromoform	12.10	173	75784	48.280	ug/l #	98
73) Isopropylbenzene	12.23	105	409020	42.831	ug/l	99
74) N-amyl acetate	12.05	43	163171	42.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	130494	38.818	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	181633	53.106	ug/l #	100
77) Bromobenzene	12.50	156	99532	41.948	ug/l	94
78) n-propylbenzene	12.57	91	473452	42.236	ug/l	99
79) 2-Chlorotoluene	12.65	91	291645	41.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	369369	44.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43526	38.849	ug/l	100
82) 4-Chlorotoluene	12.75	91	305732	42.204	ug/l	98
83) tert-Butylbenzene	12.97	119	340226	48.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	397701	50.178	ug/l	99
85) sec-Butylbenzene	13.15	105	447283	48.587	ug/l	99
86) p-Isopropyltoluene	13.26	119	402702	49.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	200309	47.255	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	195038	45.875	ug/l	99
89) n-Butylbenzene	13.59	91	317059	45.877	ug/l	100
90) Hexachloroethane	13.85	117	80510	45.708	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	192917	48.544	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	33059	45.807	ug/l	94

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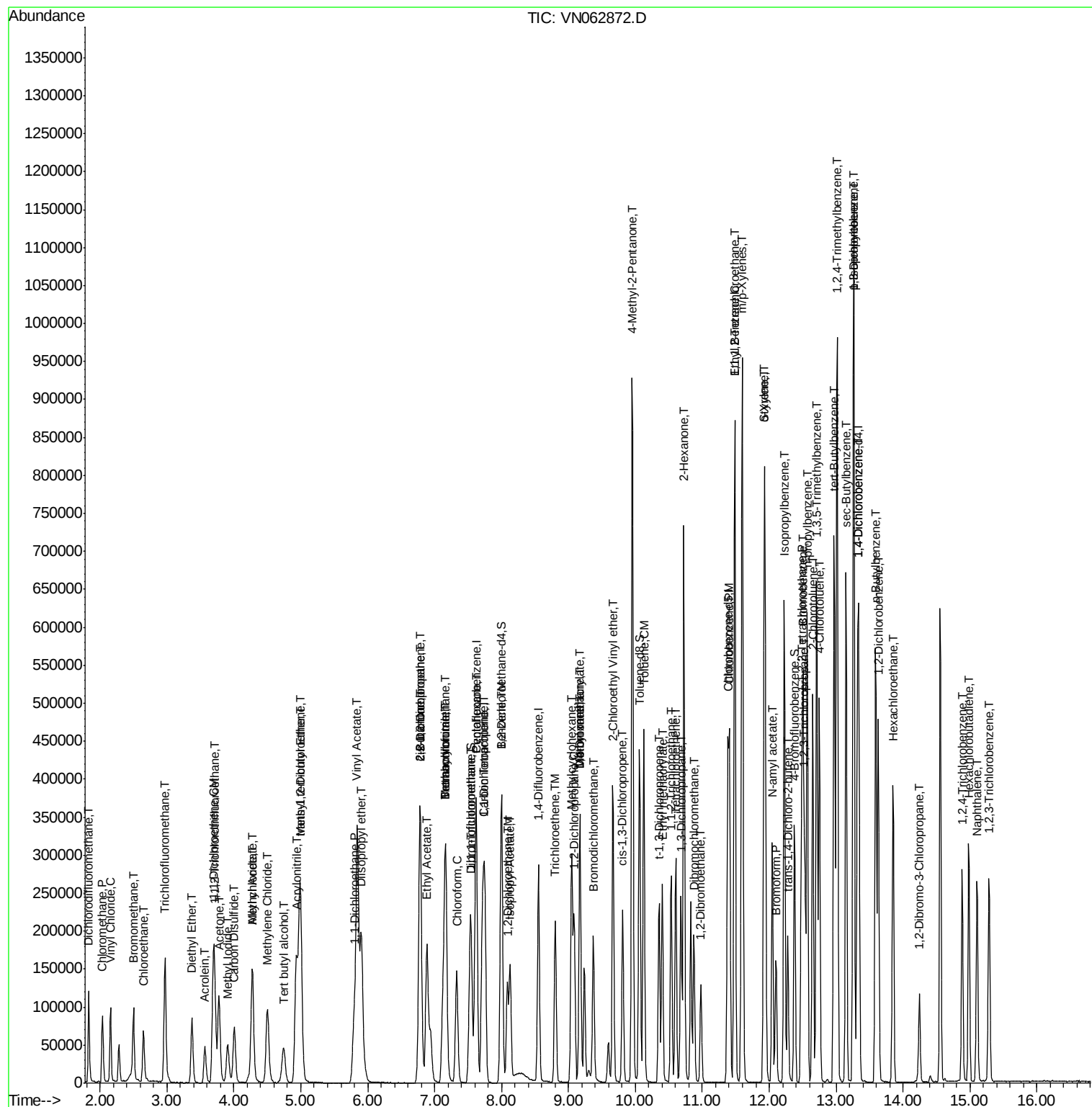
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86349	41.092	ug/l	98
94) Hexachlorobutadiene	14.99	225	60332	48.177	ug/l	98
95) Naphthalene	15.10	128	224918	39.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89452	42.934	ug/l	99

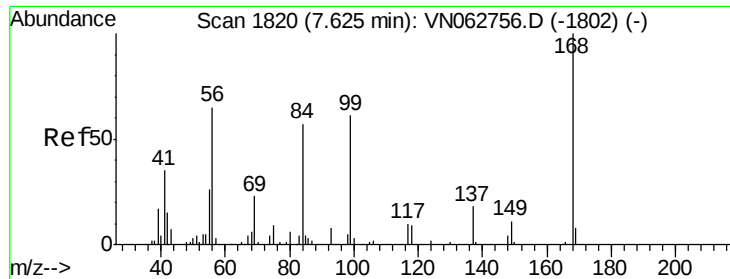
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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QLast Update : Wed Aug 05 13:26:42 2020
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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: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

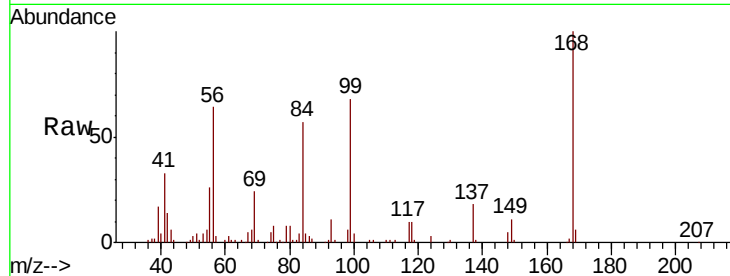
VSTDCCC050EC

Tot Ion:168 Resp: 148295

Ion Ratio Lower Upper

168 100

99 67.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

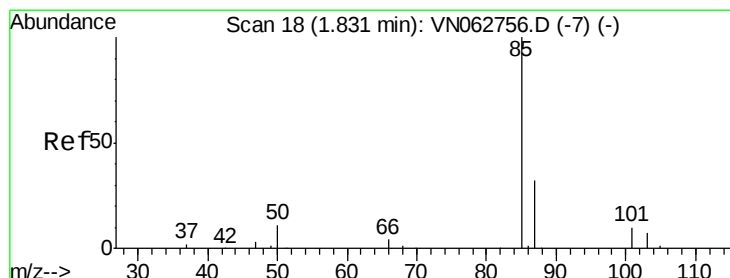
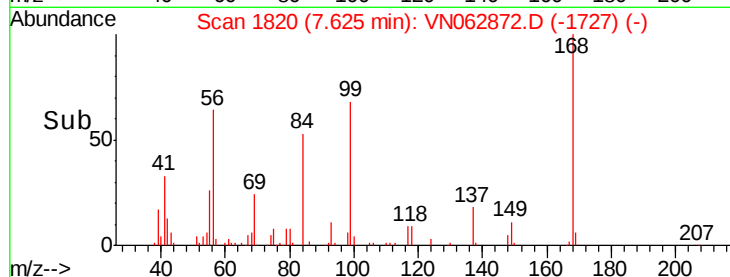
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.108 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062872.D

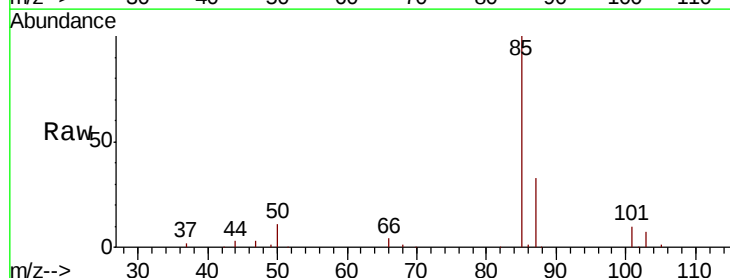
Acq: 12 Aug 2020 21:27

Tgt Ion: 85 Resp: 95788

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

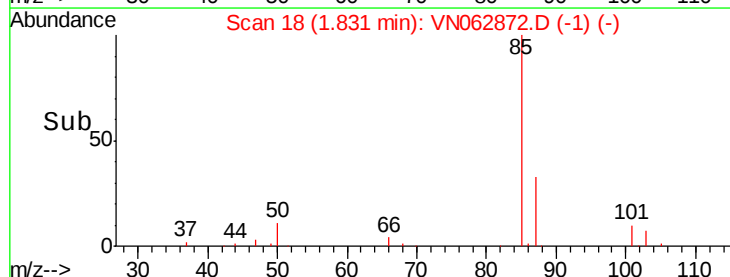
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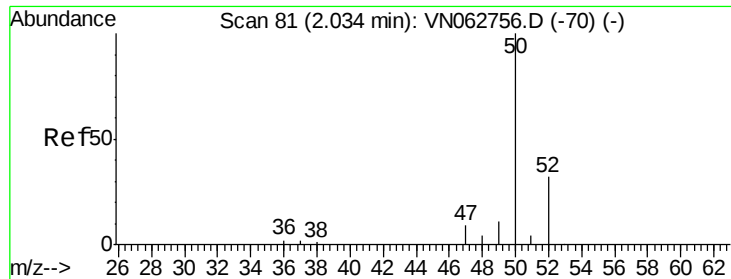
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->

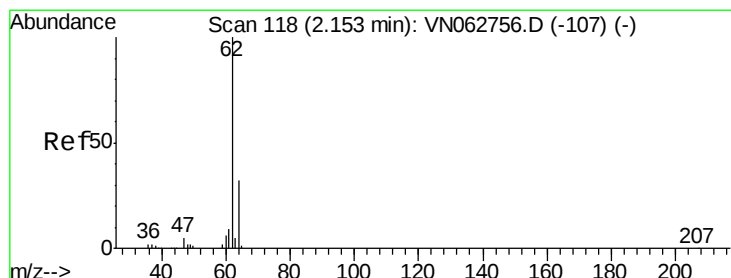
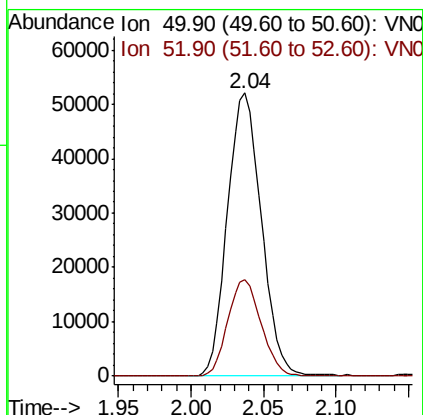
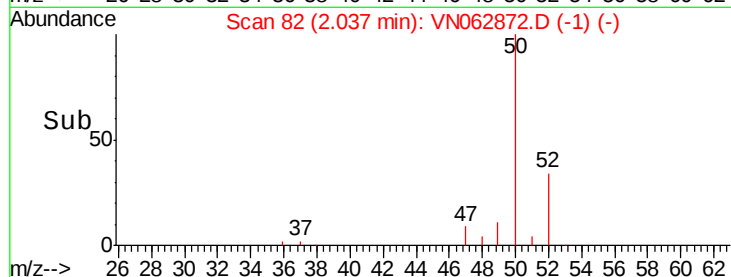
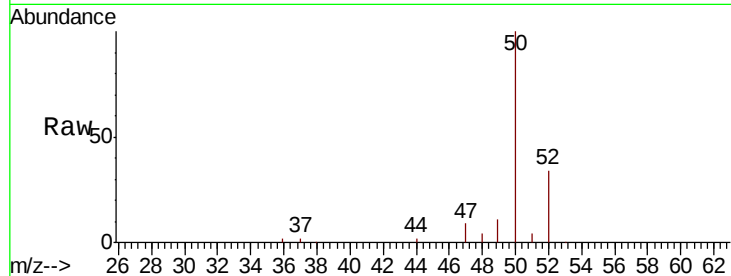




#3
Chloromethane
Concen: 42.466 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

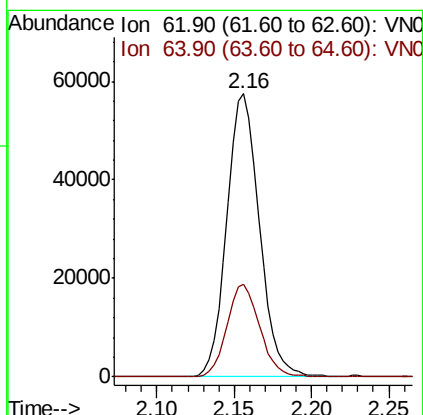
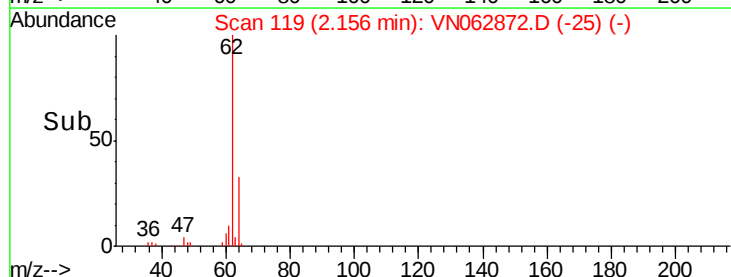
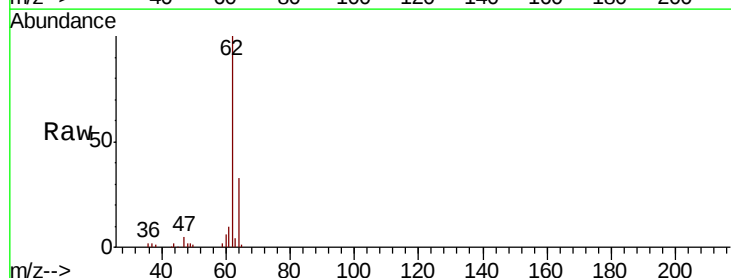
Instrument :
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VSTDCCC050EC

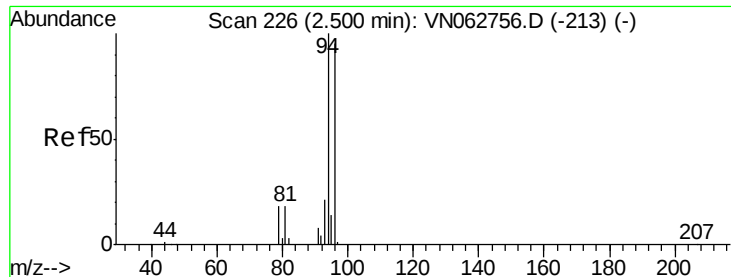
Tot Ion: 50 Resp: 85097
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 44.613 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 62 Resp: 83851
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5

Bromomethane

Concen: 47.669 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

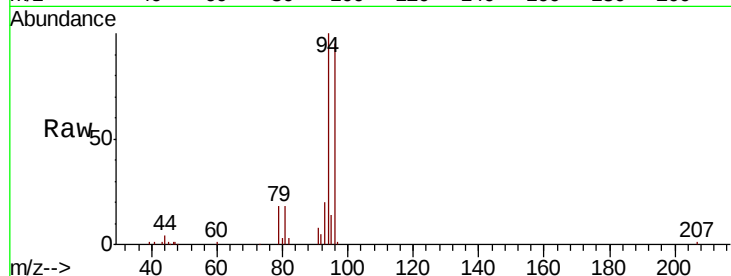
VSTDCCC050EC

Tot Ion: 94 Resp: 59309

Ion Ratio Lower Upper

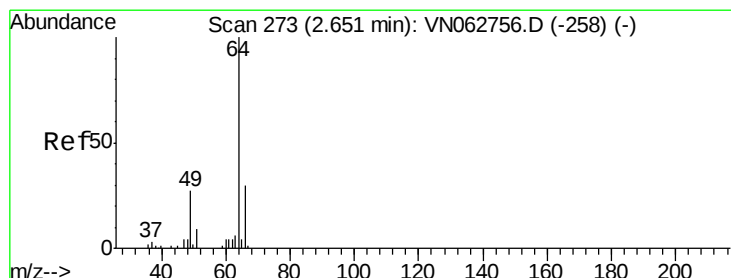
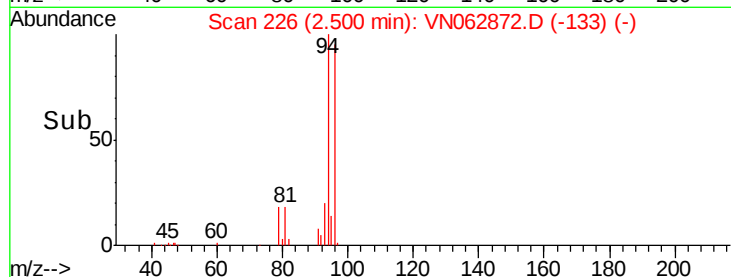
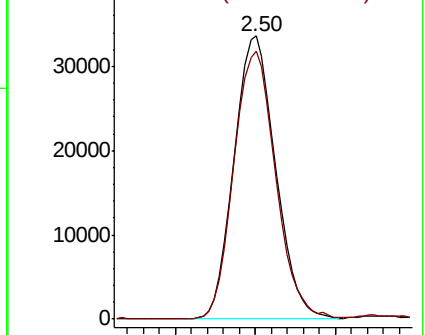
94 100

96 94.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062872.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062872.D (-133) (-)



#6

Chloroethane

Concen: 54.801 ug/l

RT: 2.65 min Scan# 272

Delta R.T. -0.00 min

Lab File: VN062872.D

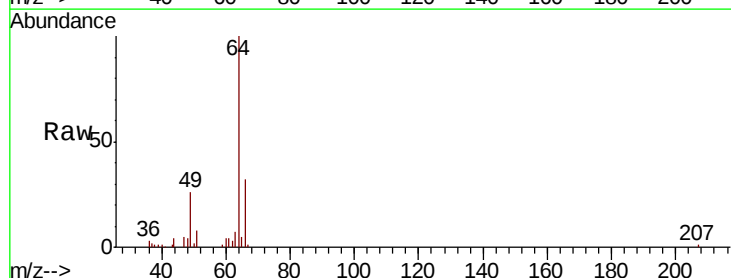
Acq: 12 Aug 2020 21:27

Tgt Ion: 64 Resp: 67761

Ion Ratio Lower Upper

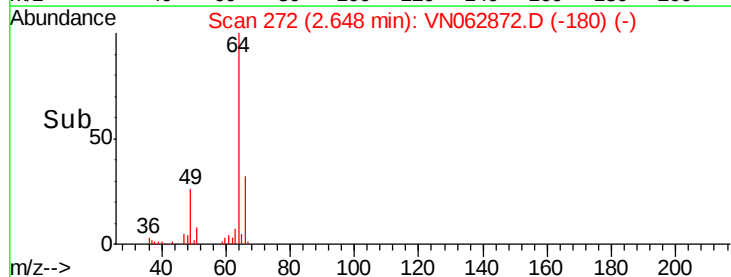
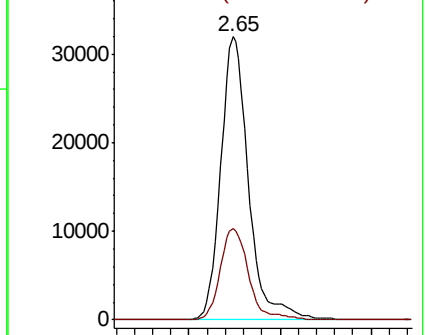
64 100

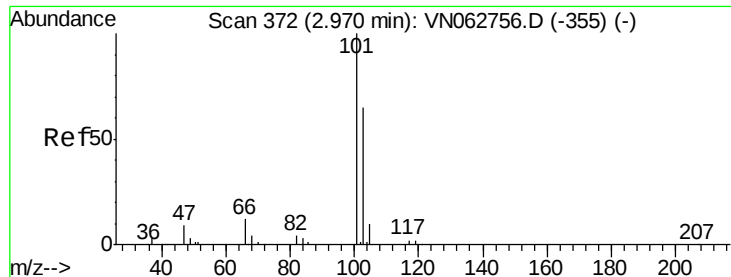
66 32.1 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062872.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062872.D (-180) (-)



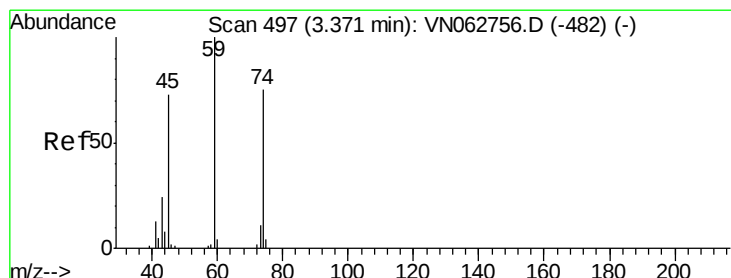
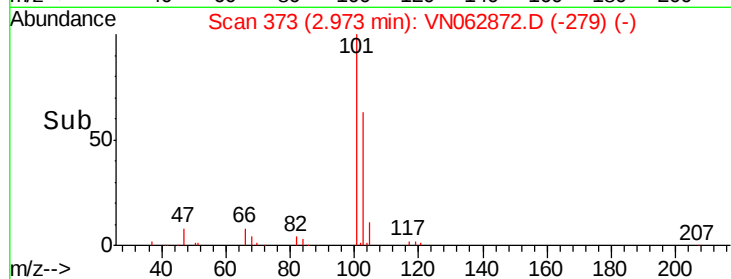
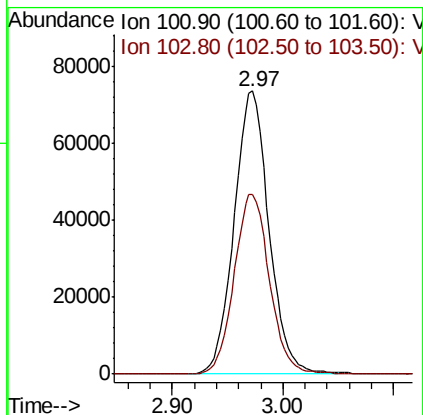
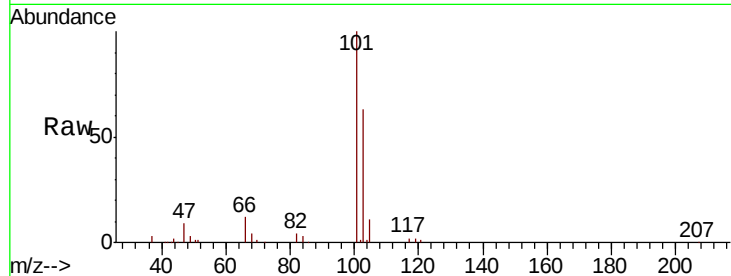


#7

Trichlorofluoromethane
Concen: 47.968 ug/l
RT: 2.97 min Scan# 373
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
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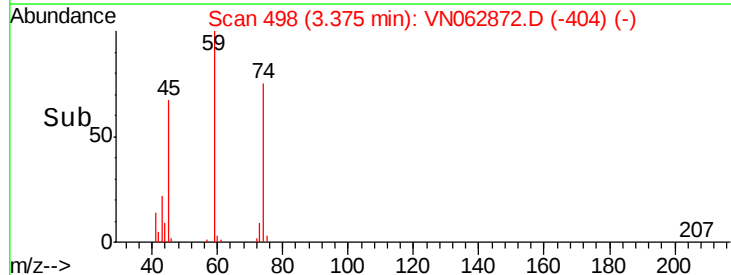
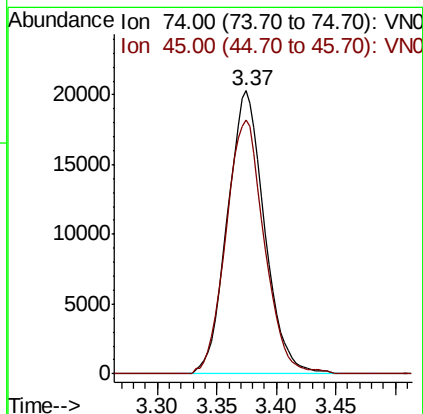
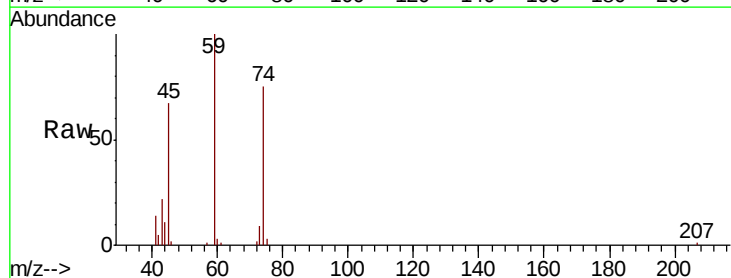
Tot Ion:101 Resp: 160763
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5

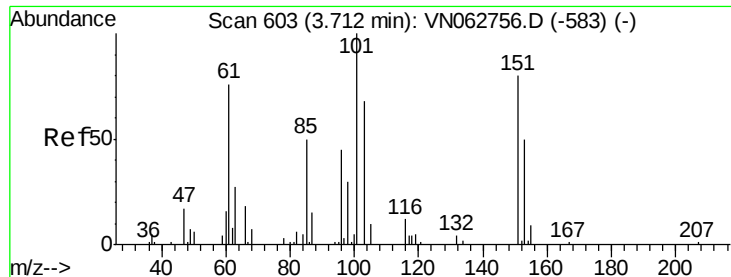


#8

Diethyl Ether
Concen: 45.665 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 74 Resp: 43813
Ion Ratio Lower Upper
74 100
45 92.1 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.319 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

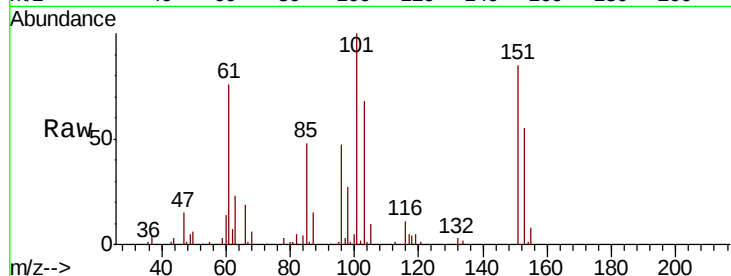
Tot Ion:101 Resp: 64023

Ion Ratio Lower Upper

101 100

85 47.2 38.5 57.7

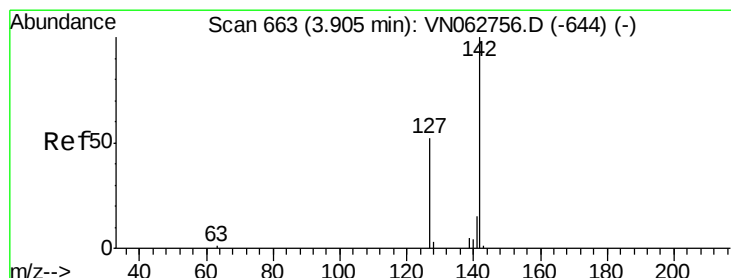
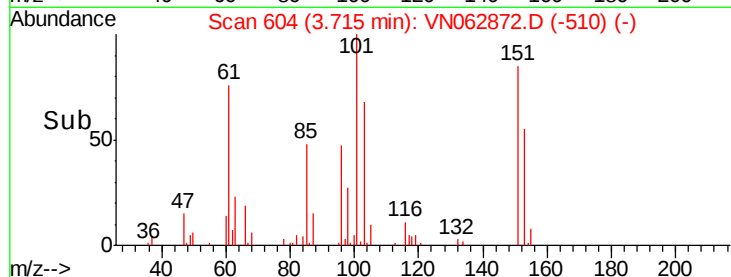
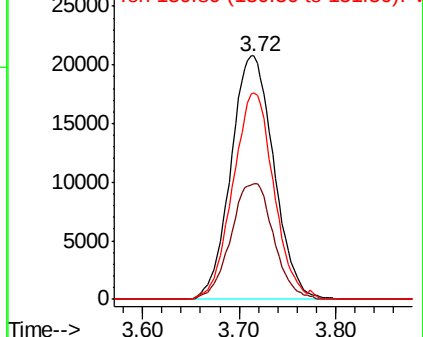
151 80.4 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.582 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

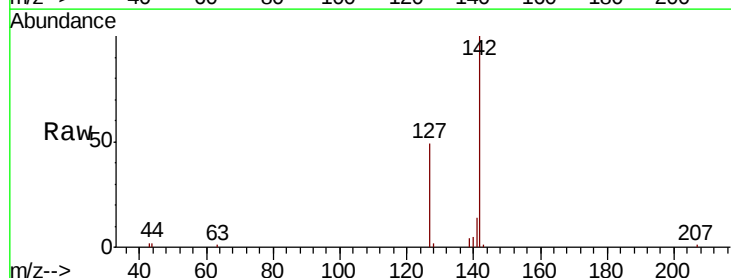
Tgt Ion:142 Resp: 83790

Ion Ratio Lower Upper

142 100

127 50.4 41.4 62.0

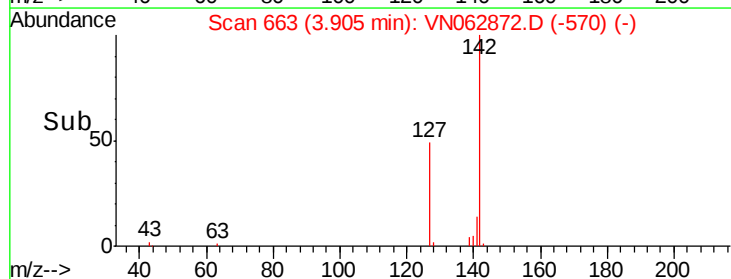
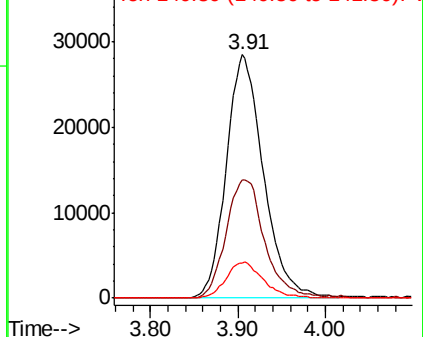
141 14.8 12.2 18.4

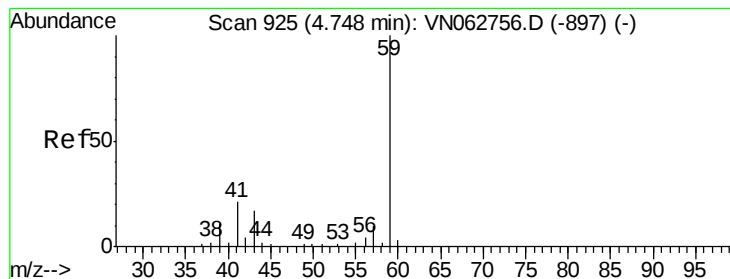


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



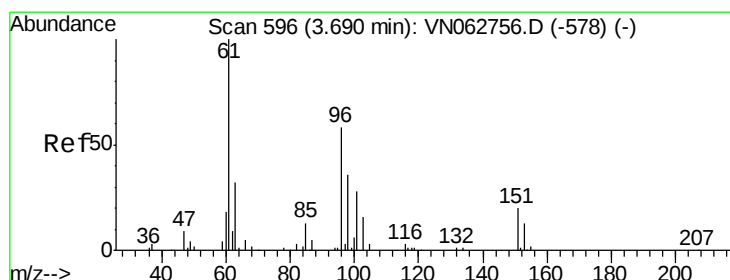
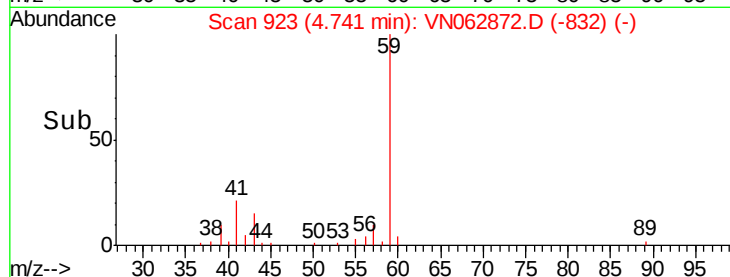
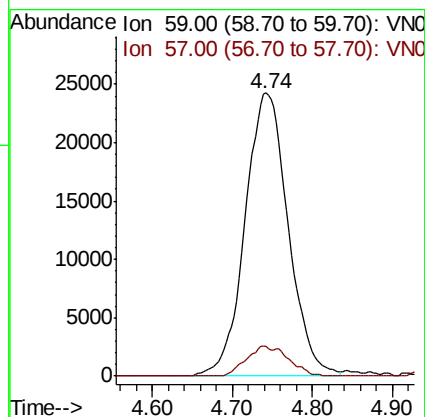
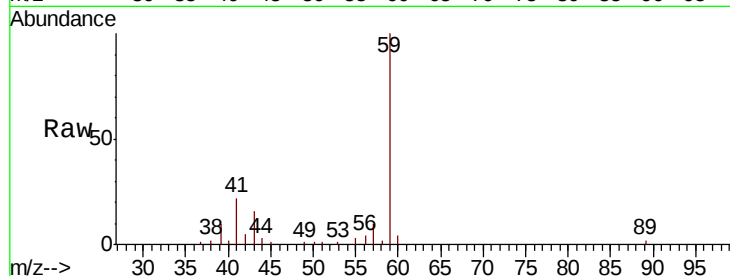


#11

Tert butyl alcohol
 Concen: 221.973 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

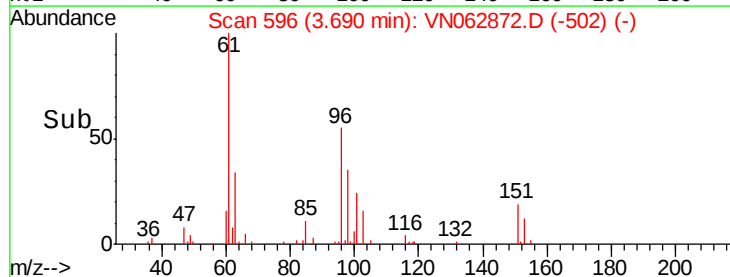
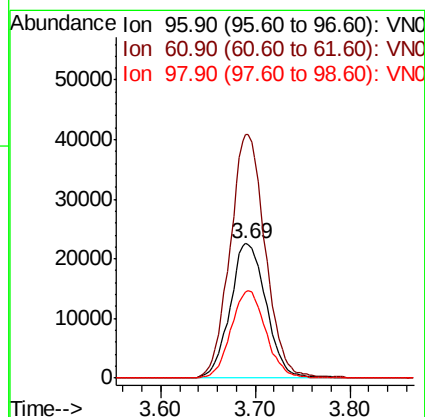
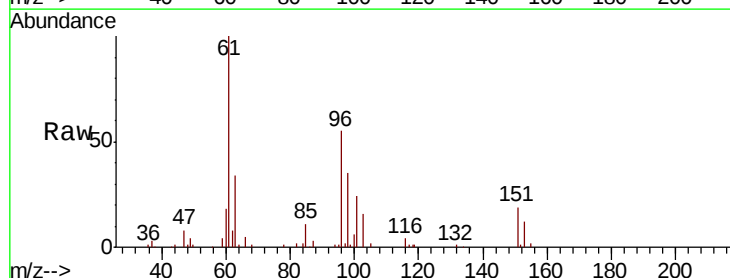
Tot Ion: 59 Resp: 89218
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.3 12.5#

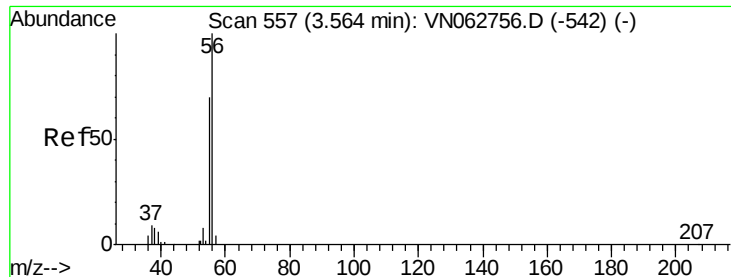


#12

1,1-Dichloroethene
 Concen: 47.235 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 96 Resp: 59735
 Ion Ratio Lower Upper
 96 100
 61 181.2 139.0 208.6
 98 63.7 50.2 75.4





#13

Acrolein

Concen: 220.019 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

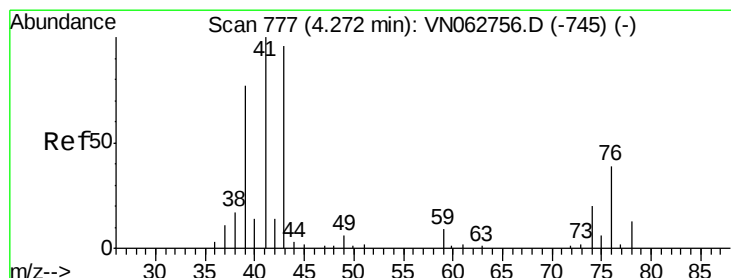
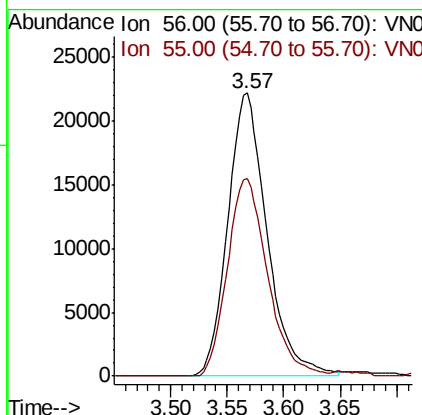
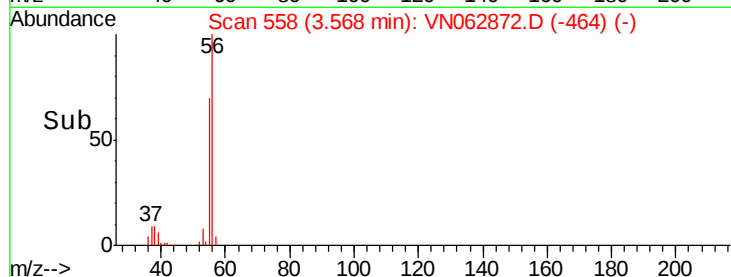
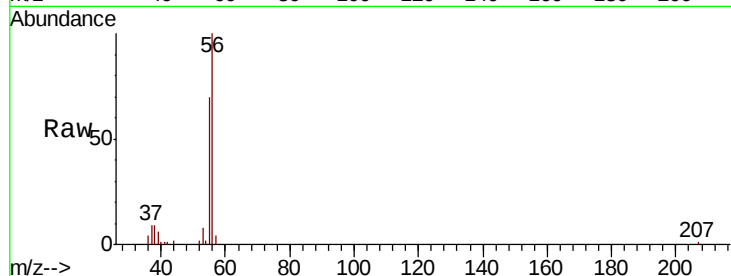
VSTDCCC050EC

Tot Ion: 56 Resp: 53543

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.6



#14

Allyl chloride

Concen: 39.812 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

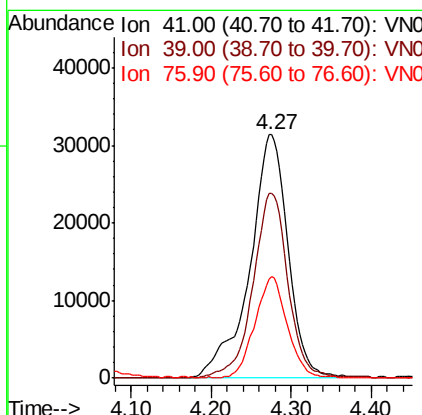
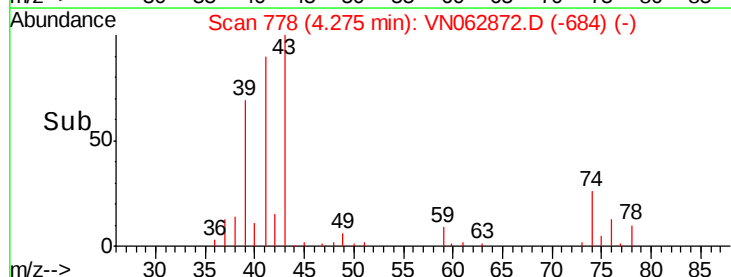
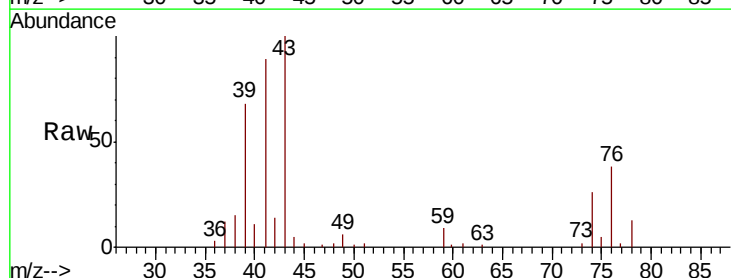
Tgt Ion: 41 Resp: 103365

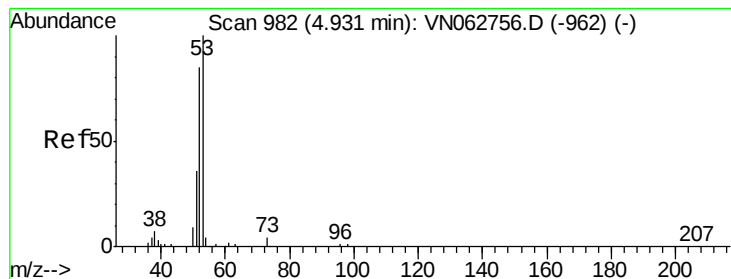
Ion Ratio Lower Upper

41 100

39 69.3 55.7 83.5

76 35.3 27.5 41.3





#15

Acrylonitrile

Concen: 230.343 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

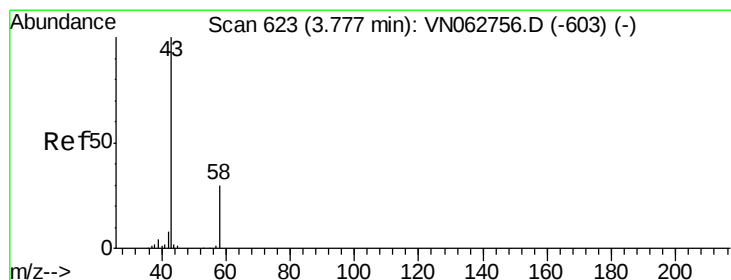
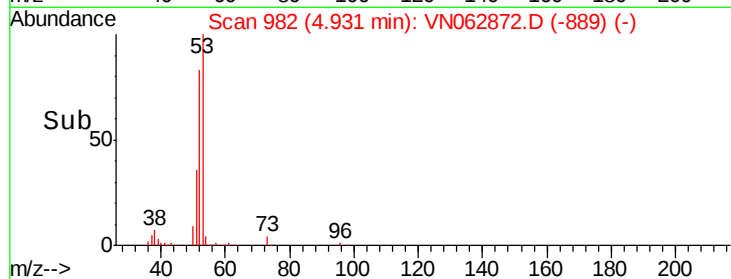
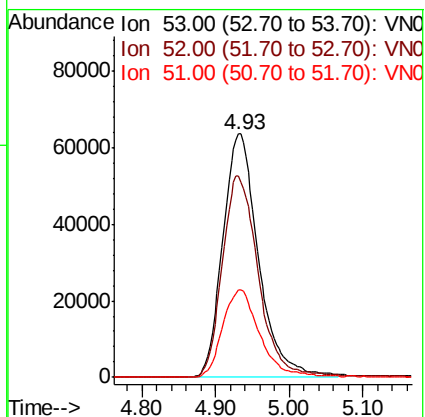
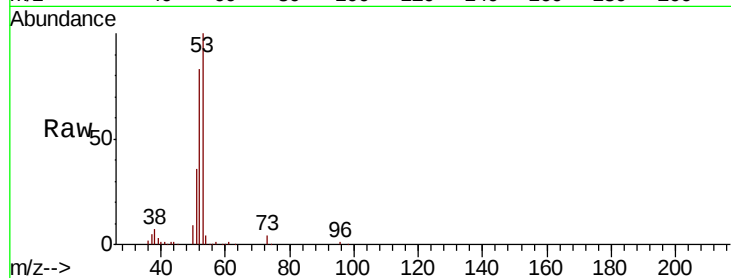
Tot Ion: 53 Resp: 214735

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

51 37.4 29.5 44.3



#16

Acetone

Concen: 209.778 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062872.D

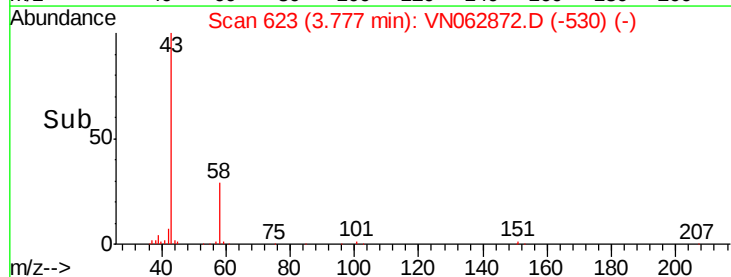
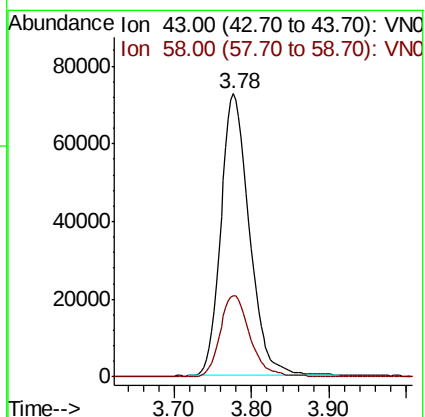
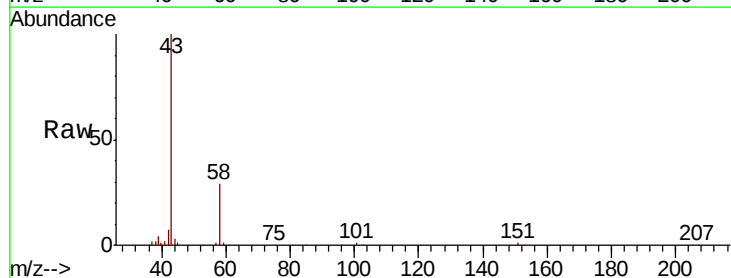
Acq: 12 Aug 2020 21:27

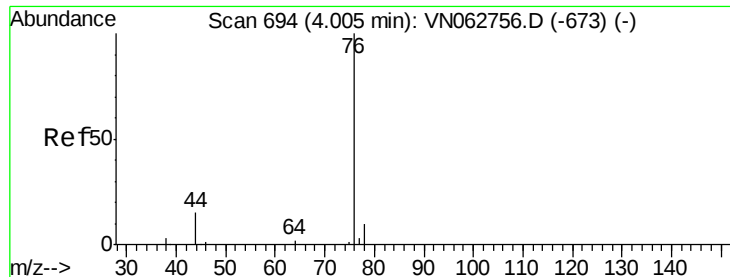
Tgt Ion: 43 Resp: 185889

Ion Ratio Lower Upper

43 100

58 28.9 24.1 36.1

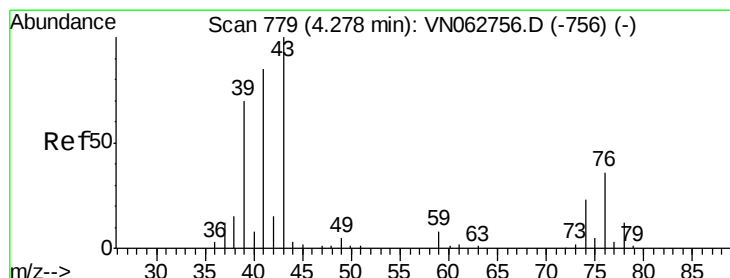
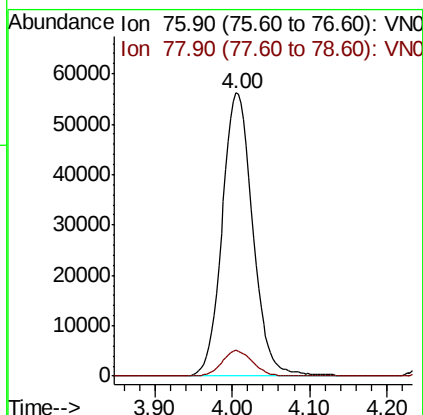
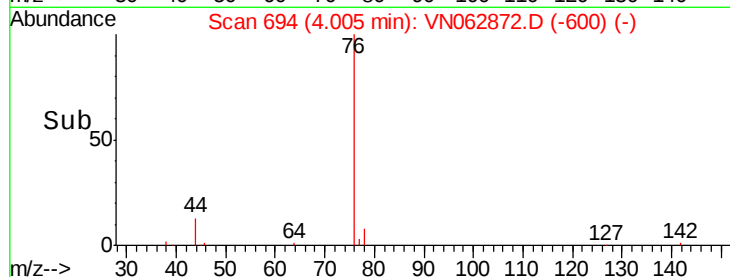
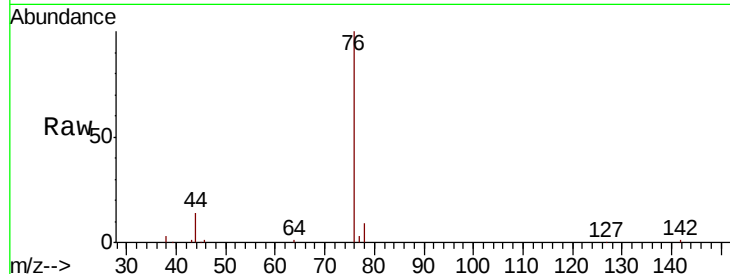




#17
Carbon Disulfide
Concen: 42.837 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

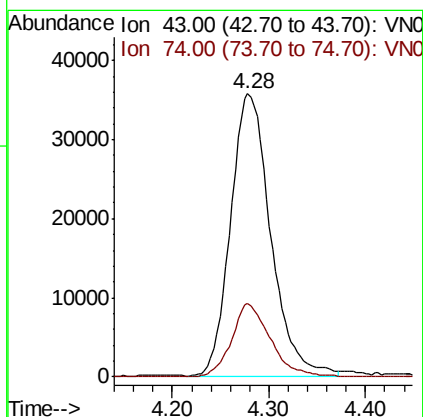
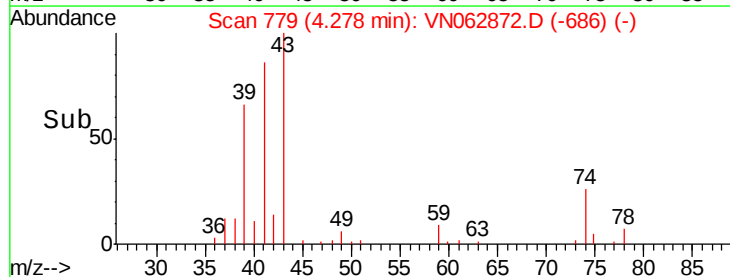
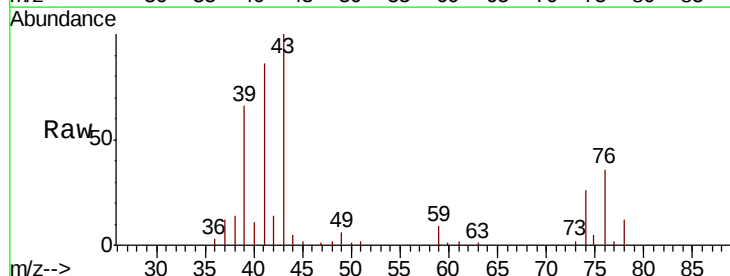
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

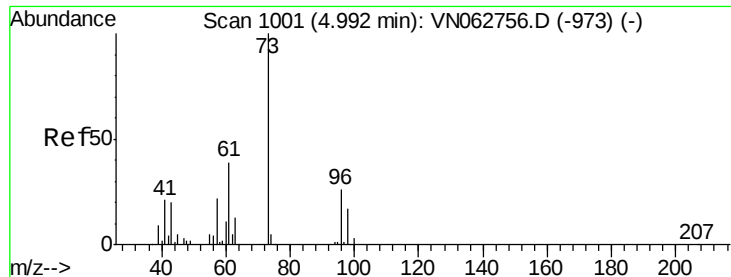
Tot Ion: 76 Resp: 154075
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 49.468 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 43 Resp: 103702
Ion Ratio Lower Upper
43 100
74 24.9 18.6 28.0

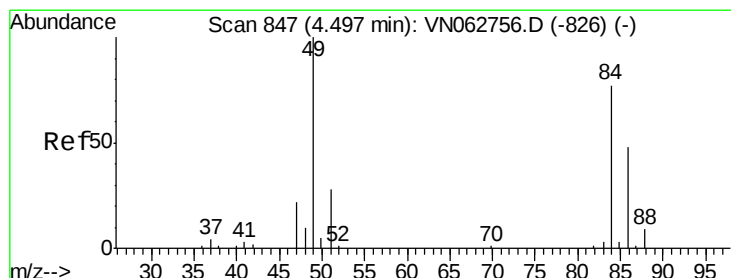
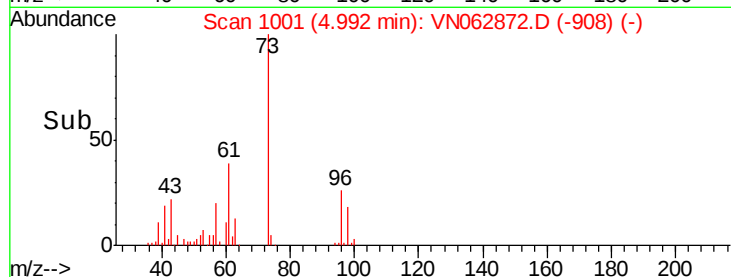
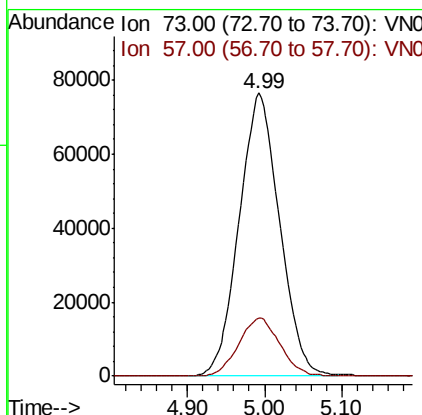
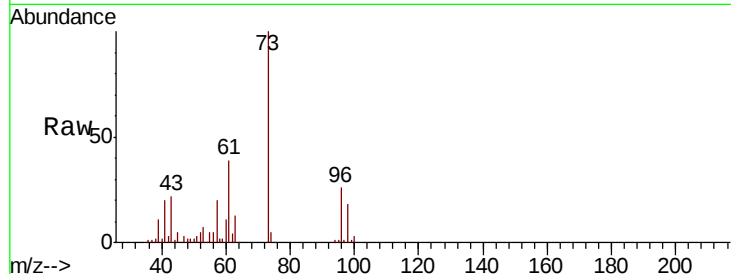




#19
Methyl tert-butyl Ether
Concen: 48.458 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

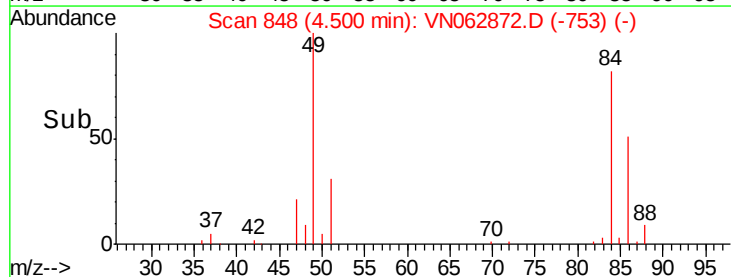
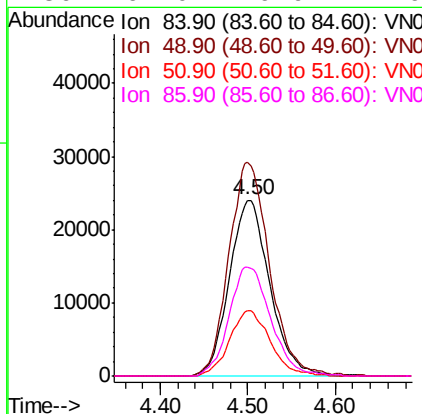
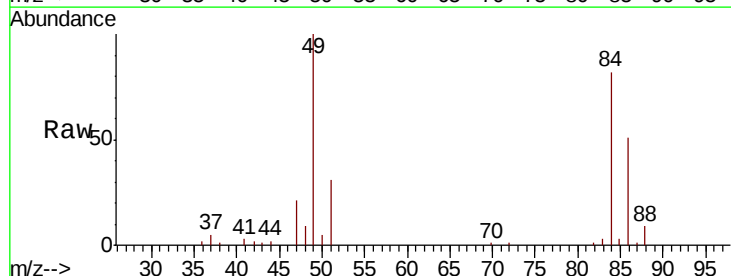
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

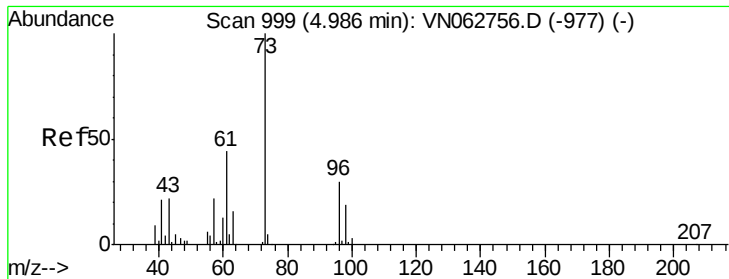
Tot Ion: 73 Resp: 278415
Ion Ratio Lower Upper
73 100
57 20.4 17.5 26.3



#20
Methylene Chloride
Concen: 47.583 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 84 Resp: 77222
Ion Ratio Lower Upper
84 100
49 121.6 103.4 155.2
51 37.4 29.3 43.9
86 62.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 44.270 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

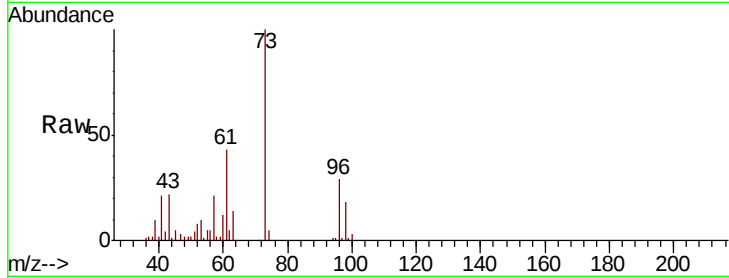
Tot Ion: 96 Resp: 65697

Ion Ratio Lower Upper

96 100

61 150.0 118.8 178.2

98 64.5 51.0 76.4

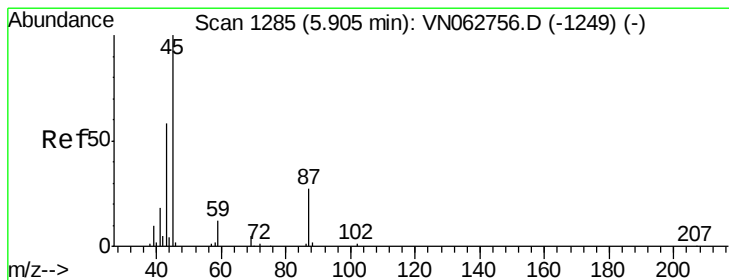
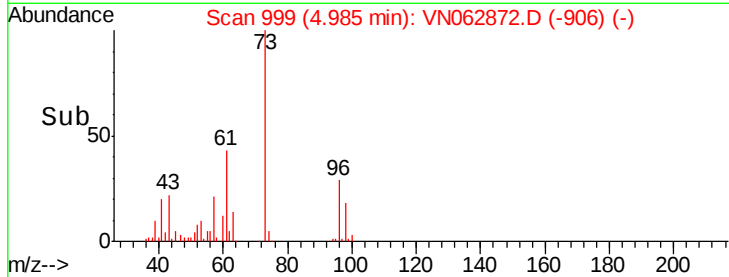
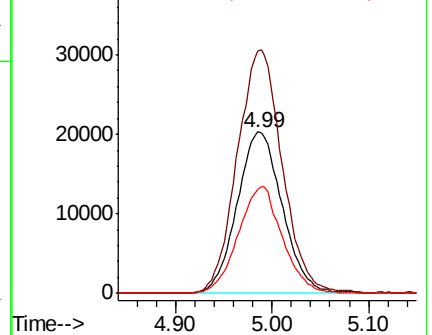


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 45.859 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Tgt Ion: 45 Resp: 253466

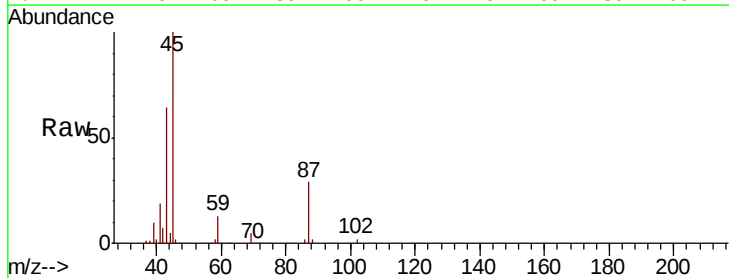
Ion Ratio Lower Upper

45 100

43 62.2 47.4 71.2

87 29.0 22.8 34.2

59 12.1 9.9 14.9



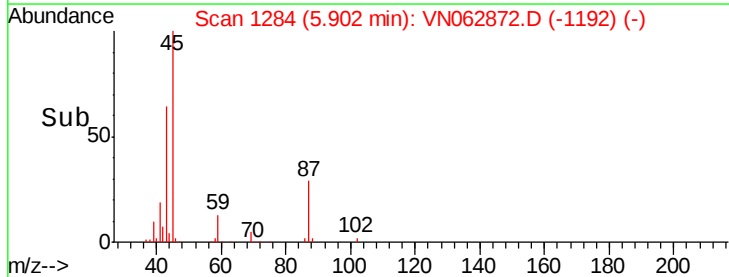
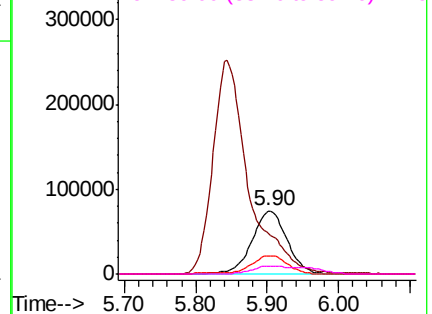
Abundance

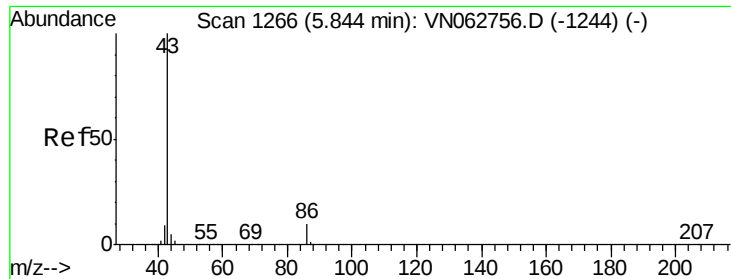
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 208.246 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

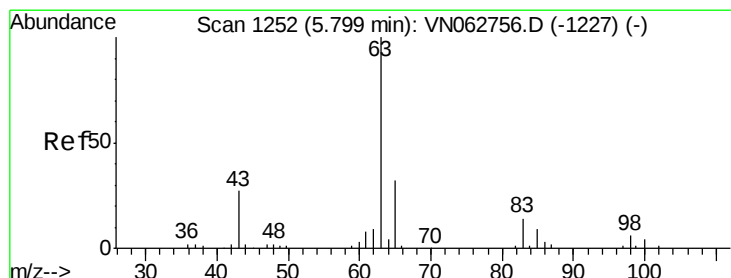
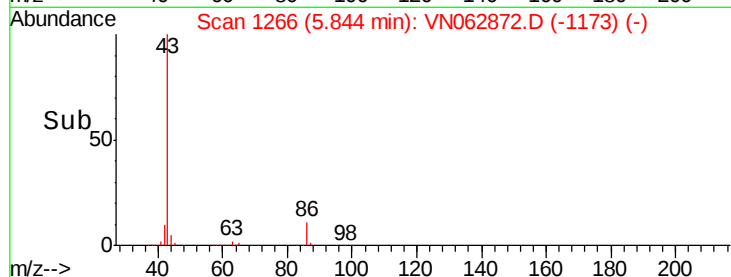
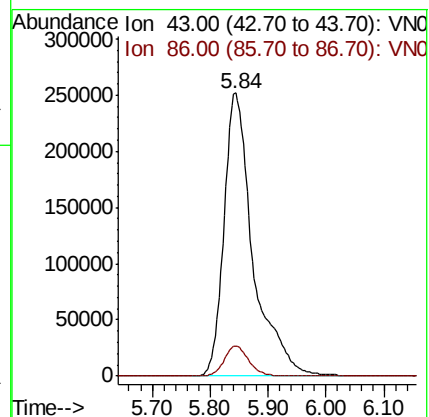
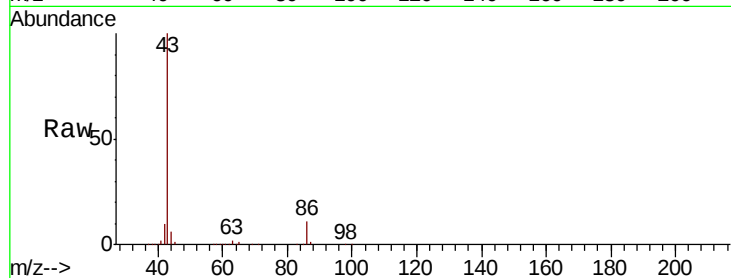
VSTDCCC050EC

Tot Ion: 43 Resp: 875460

Ion Ratio Lower Upper

43 100

86 10.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 43.557 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

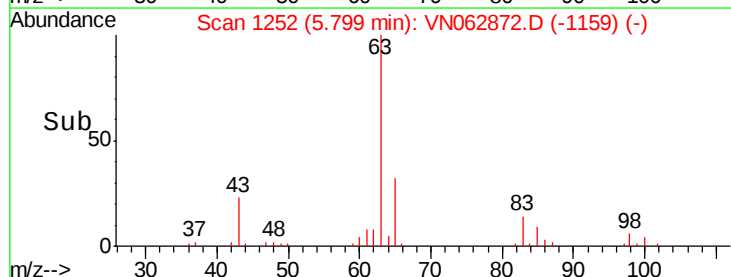
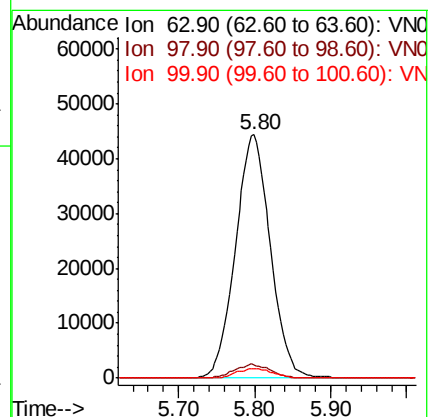
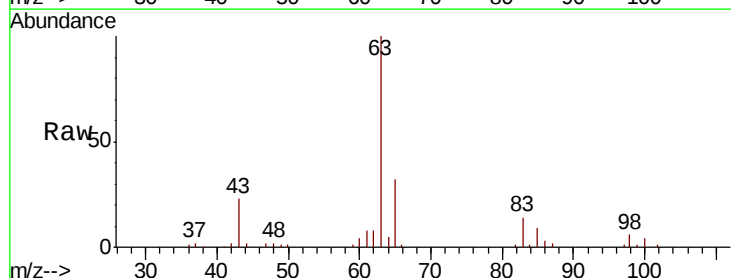
Tgt Ion: 63 Resp: 141080

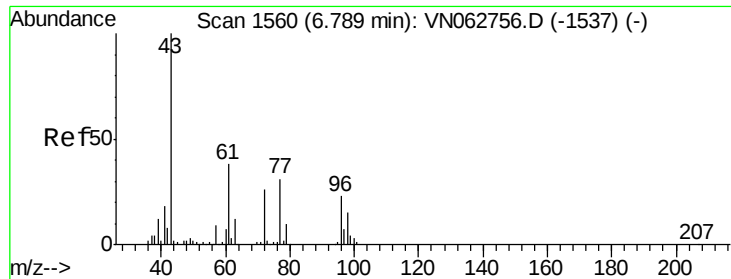
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 222.483 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

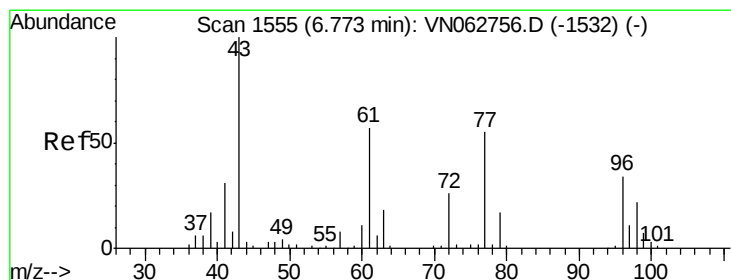
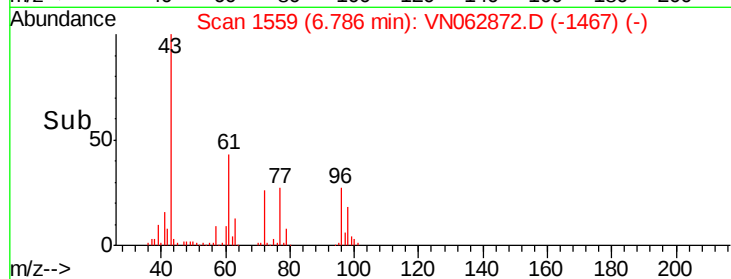
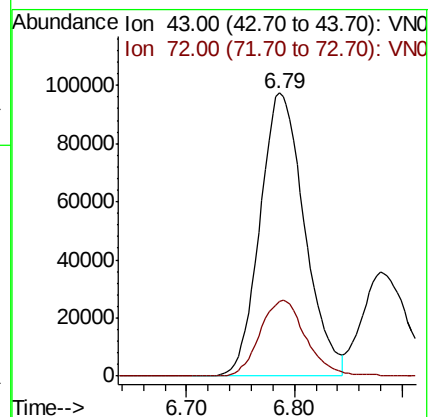
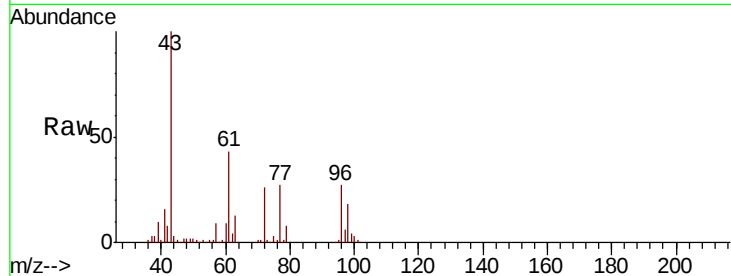
VSTDCCC050EC

Tot Ion: 43 Resp: 279221

Ion Ratio Lower Upper

43 100

72 26.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 31.559 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062872.D

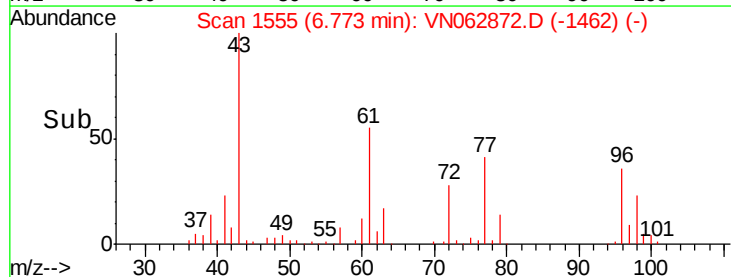
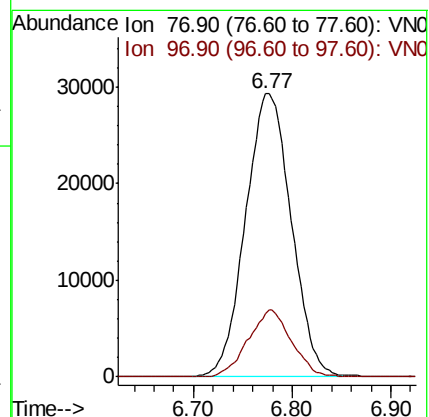
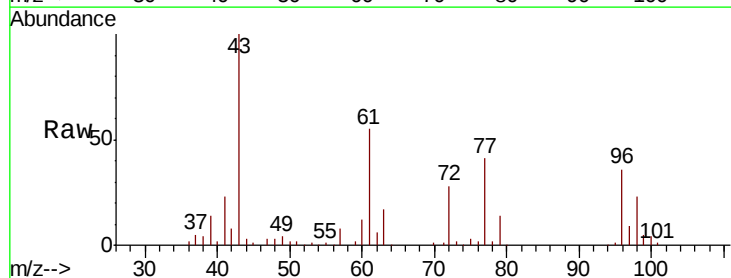
Acq: 12 Aug 2020 21:27

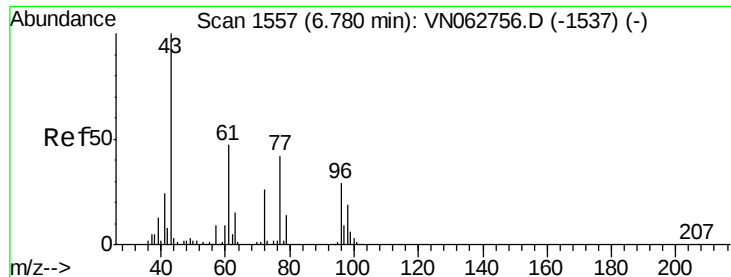
Tgt Ion: 77 Resp: 94225

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.610 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

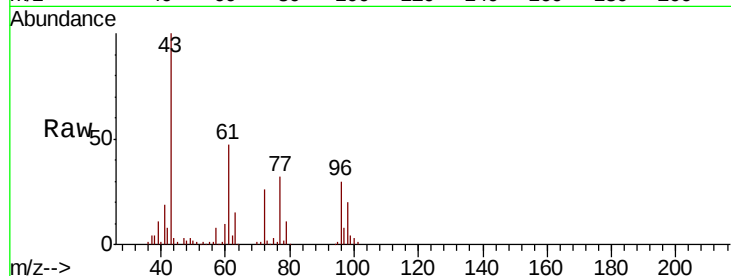
Tot Ion: 96 Resp: 81195

Ion Ratio Lower Upper

96 100

61 152.6 0.0 332.2

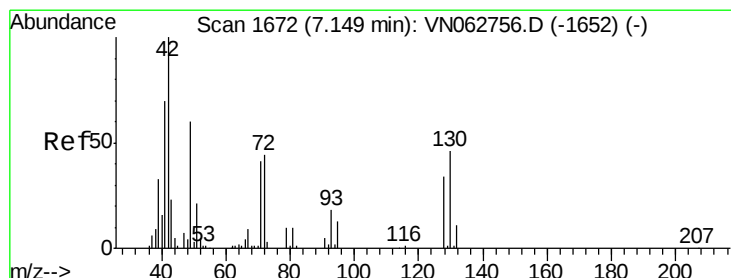
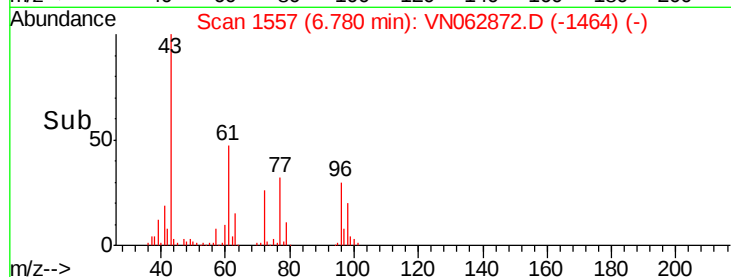
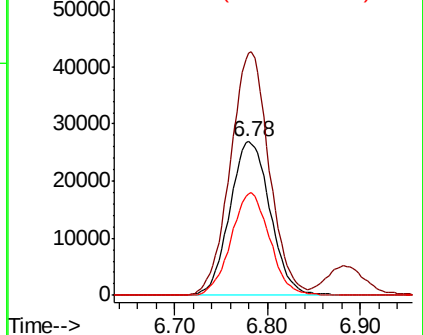
98 63.9 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062872.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN062872.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN062872.D (-1464) (-)



#28

Bromochloromethane

Concen: 47.936 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

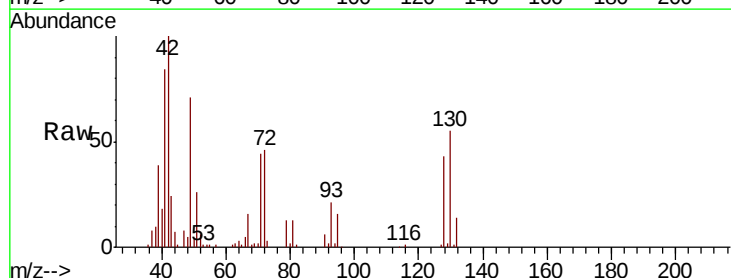
Tgt Ion: 49 Resp: 74934

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.2

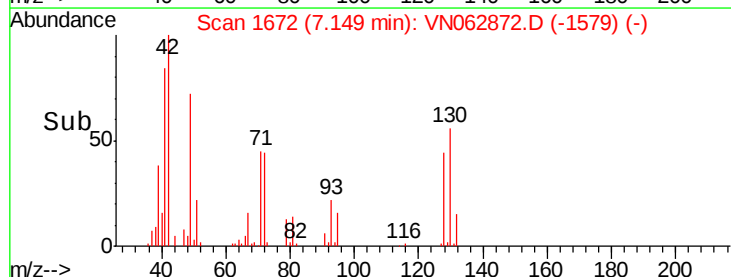
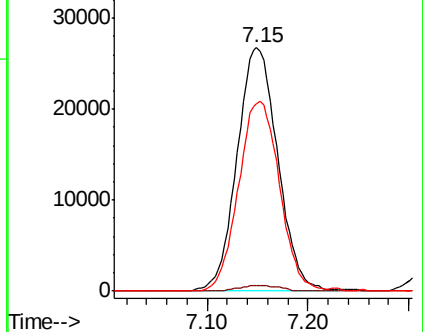
130 78.3 59.0 88.6

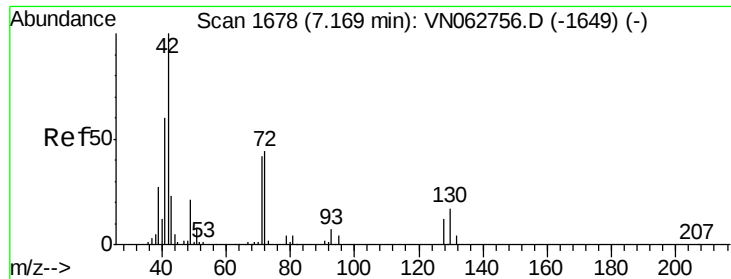


Abundance Ion 48.90 (48.60 to 49.60): VN062872.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062872.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062872.D (-1579) (-)

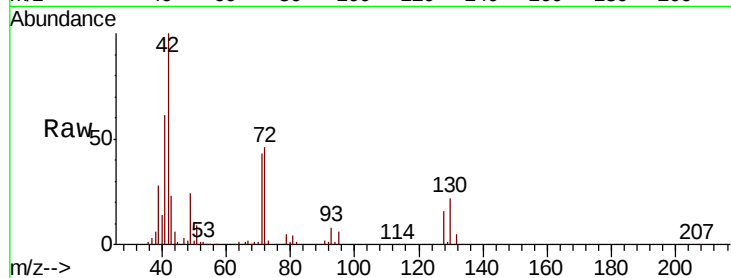




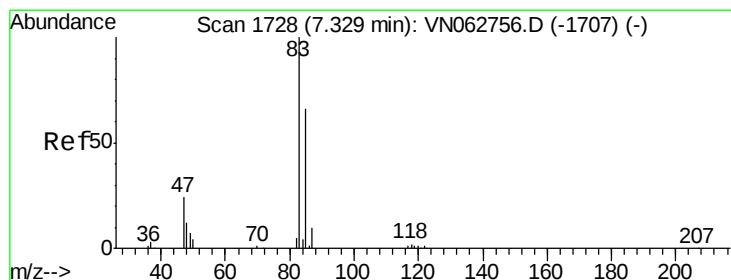
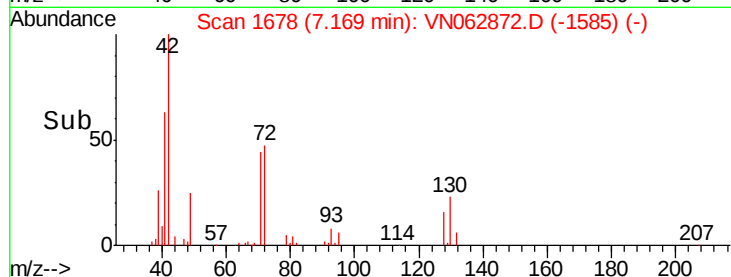
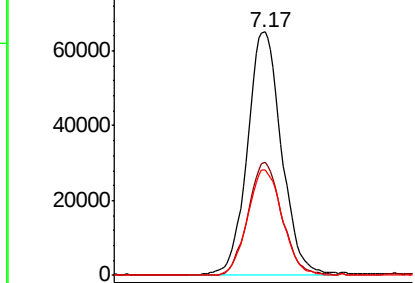
#29
Tetrahydrofuran
Concen: 225.332 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 183723
Ion Ratio Lower Upper
42 100
72 45.9 35.0 52.4
71 43.8 33.2 49.8

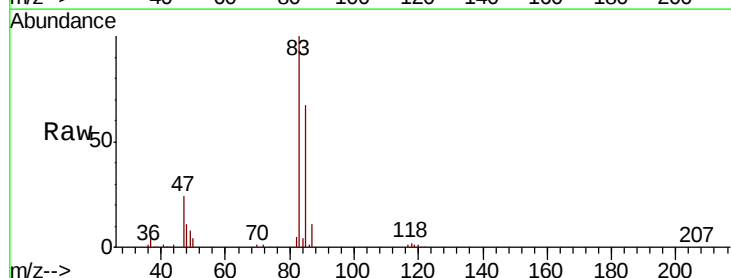


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

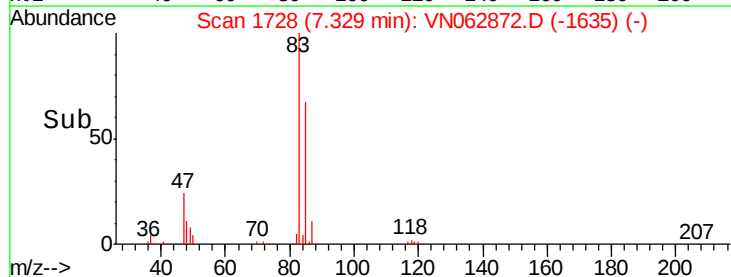
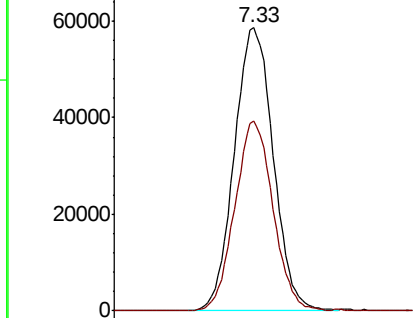


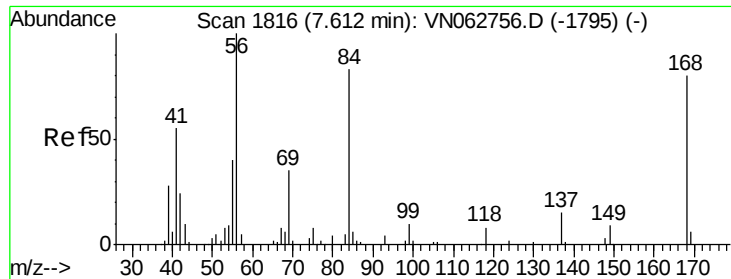
#30
Chloroform
Concen: 45.655 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 83 Resp: 157153
Ion Ratio Lower Upper
83 100
85 66.9 52.7 79.1



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

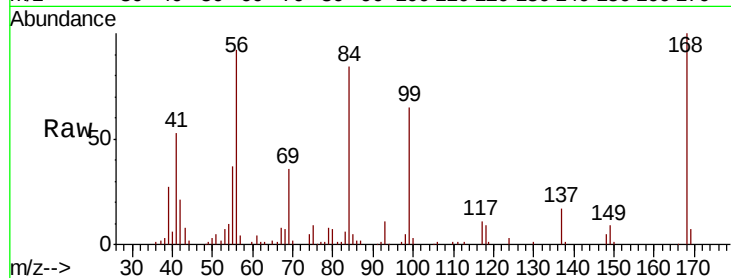




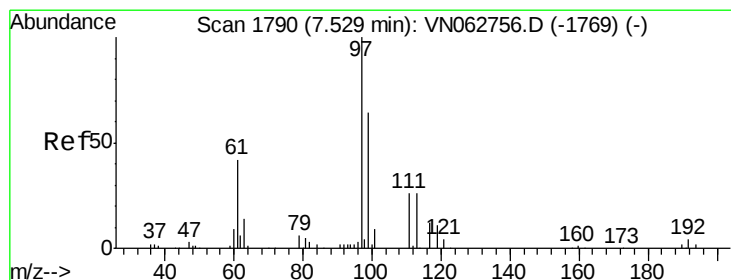
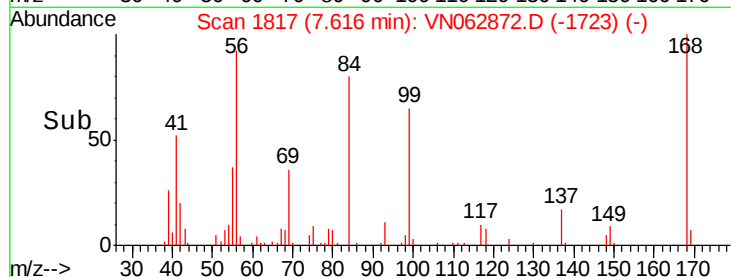
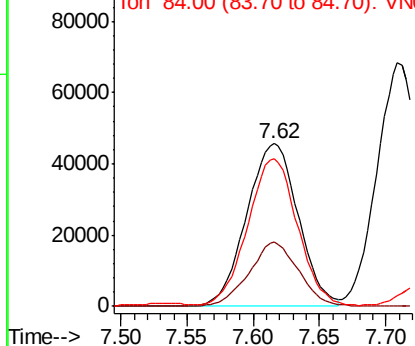
#31
Cyclohexane
Concen: 41.694 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 123965
Ion Ratio Lower Upper
56 100
69 39.2 28.1 42.1
84 89.6 66.8 100.2

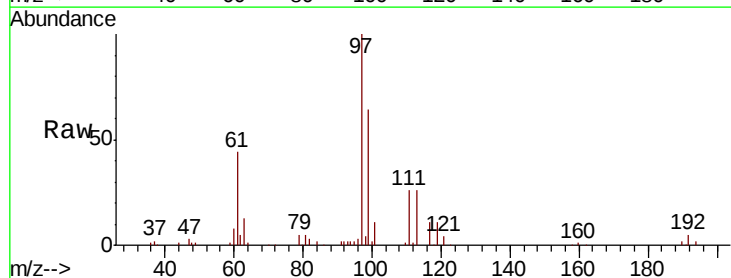


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

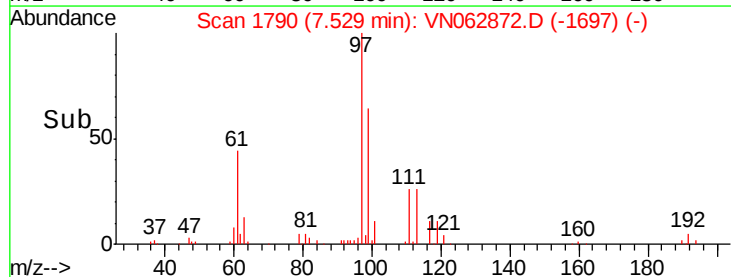
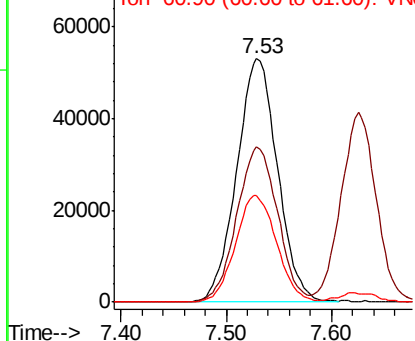


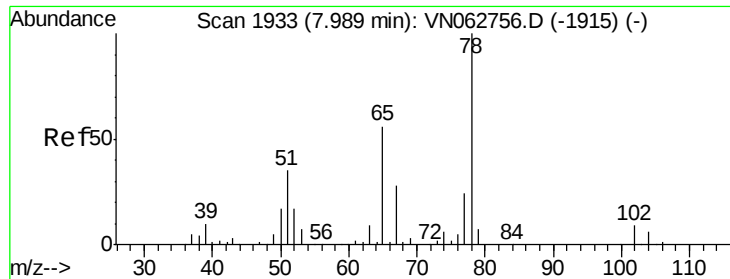
#32
1,1,1-Trichloroethane
Concen: 46.395 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 97 Resp: 142785
Ion Ratio Lower Upper
97 100
99 63.8 50.0 75.0
61 44.2 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

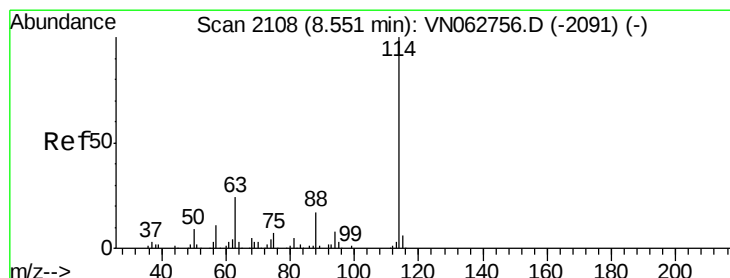
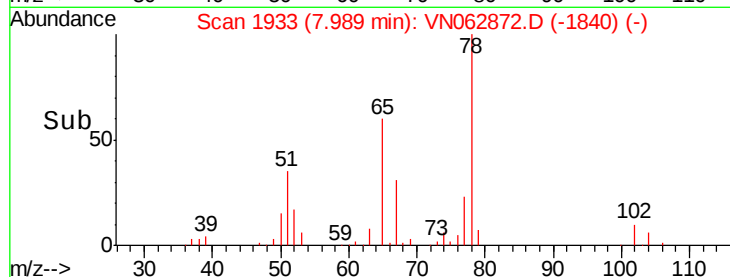
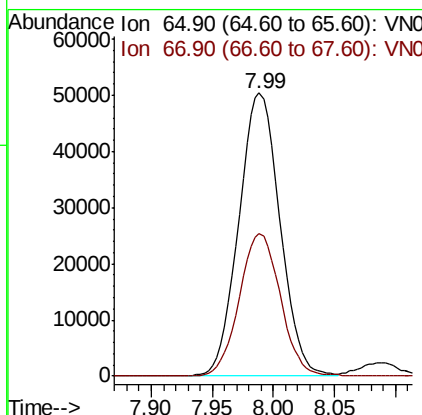
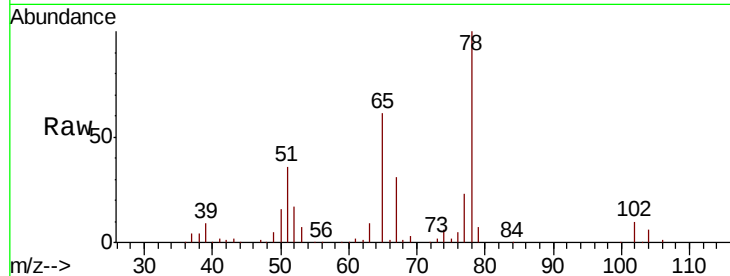




#33
 1,2-Dichloroethane-d4
 Concen: 47.978 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

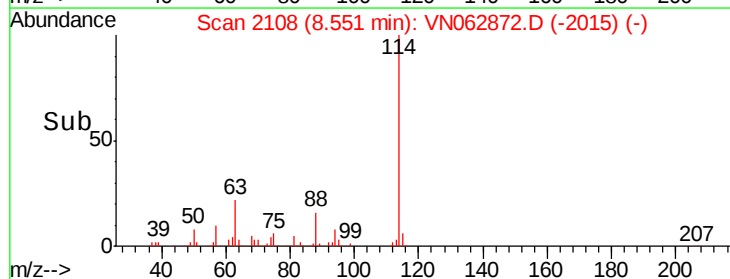
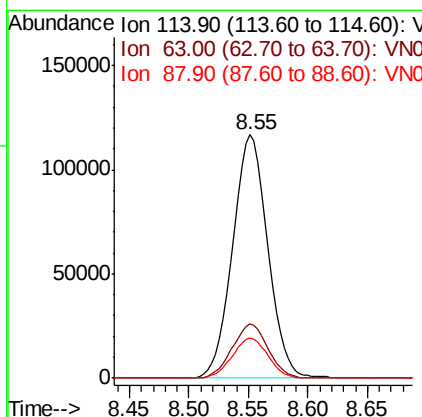
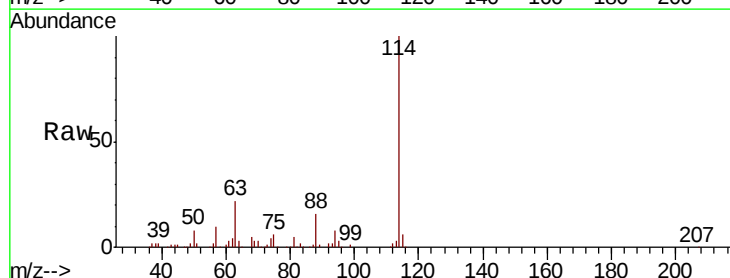
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

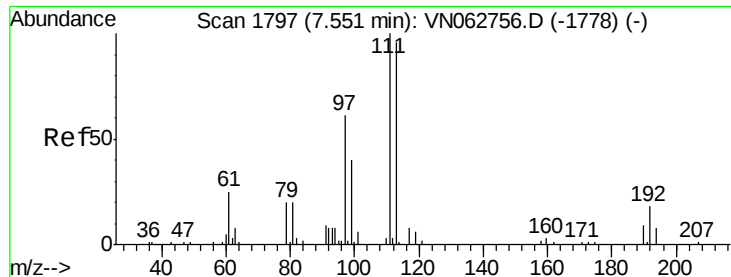
Tot Ion: 65 Resp: 117658
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 114 Resp: 239094
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.6
 88 16.5 0.0 34.4

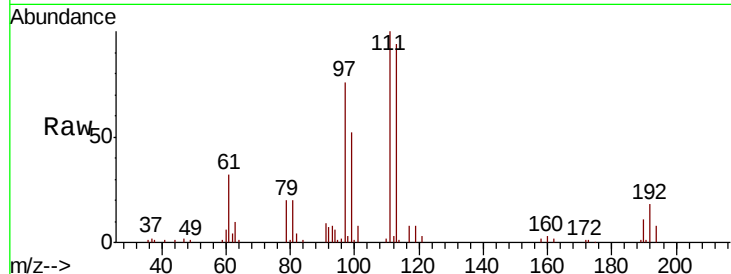




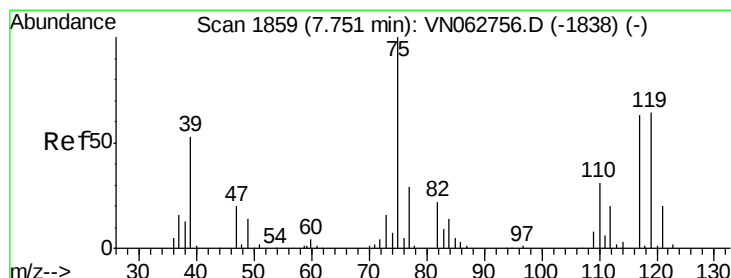
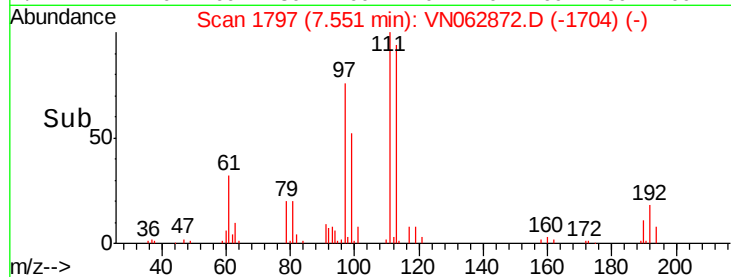
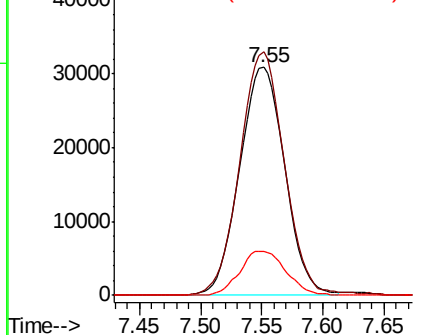
#35
 Dibromofluoromethane
 Concen: 48.434 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 79216
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.6
 192 19.7 15.0 22.4

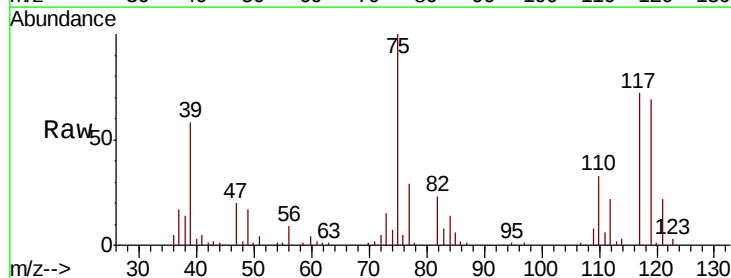


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

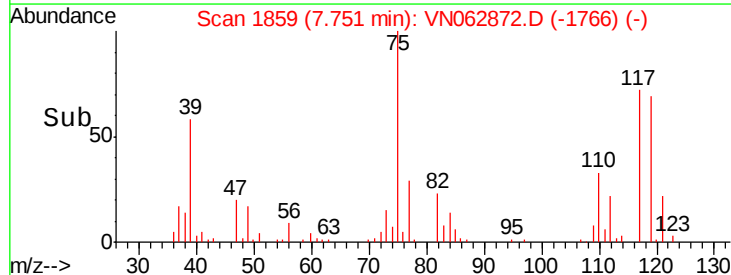
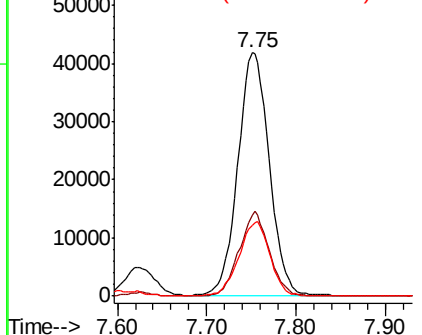


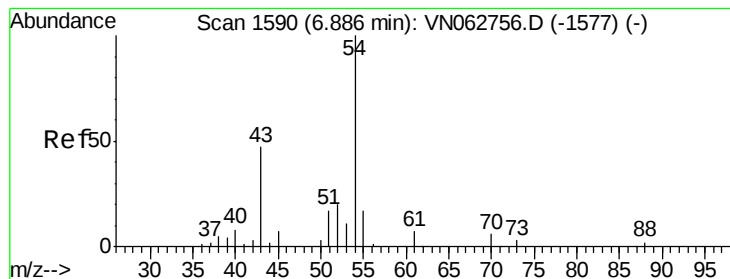
#36
 1,1-Dichloropropene
 Concen: 44.305 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 75 Resp: 103147
 Ion Ratio Lower Upper
 75 100
 110 32.7 15.6 46.7
 77 30.0 24.1 36.1



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





#37

Ethyl Acetate

Concen: 44.064 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. -0.01 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

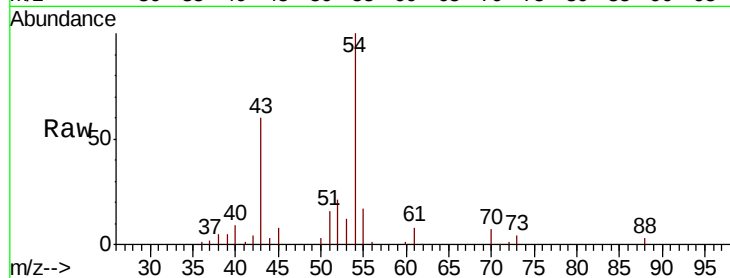
Tot Ion: 43 Resp: 107161

Ion Ratio Lower Upper

43 100

61 14.5 12.1 18.1

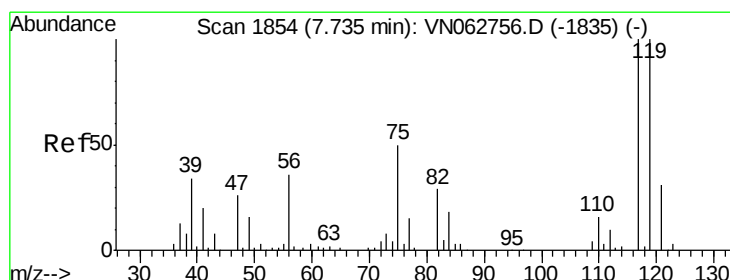
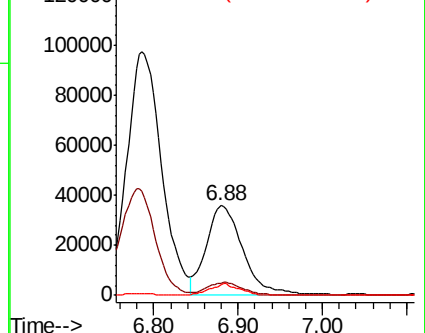
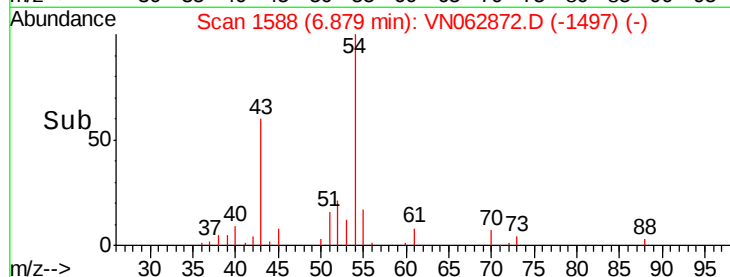
70 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN062872.D (-1497) (-)

Ion 60.90 (60.60 to 61.60): VN062872.D (-1497) (-)

Ion 70.00 (69.70 to 70.70): VN062872.D (-1497) (-)



#38

Carbon Tetrachloride

Concen: 45.203 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

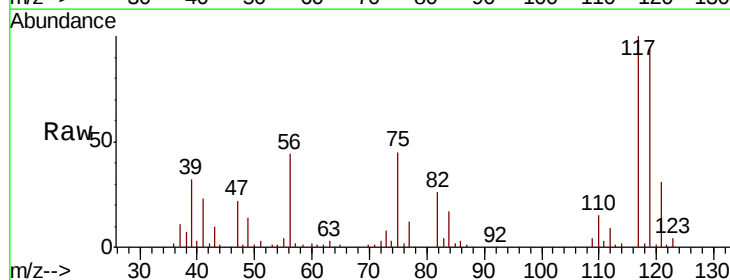
Tgt Ion: 117 Resp: 124464

Ion Ratio Lower Upper

117 100

119 94.4 79.4 119.2

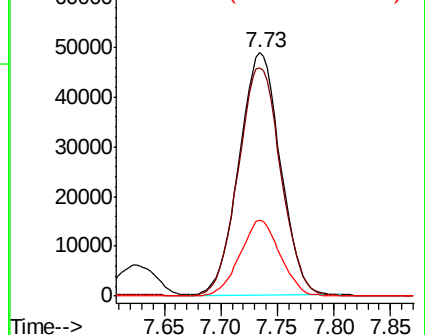
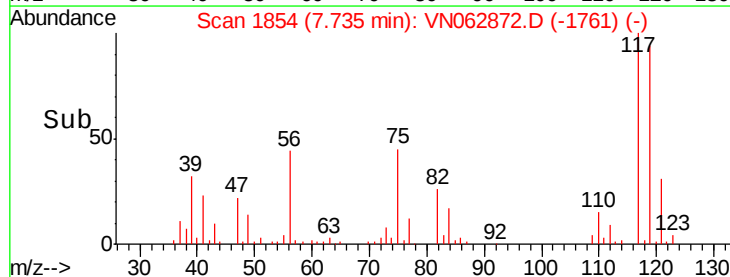
121 31.6 24.9 37.3

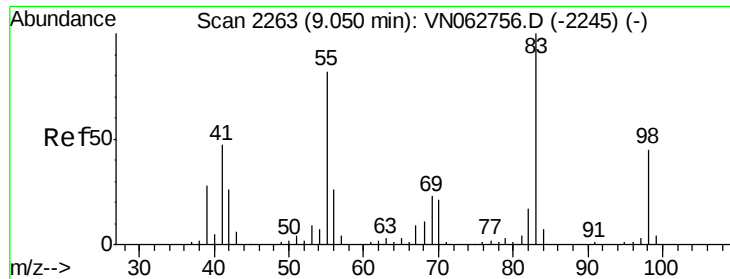


Abundance Ion 116.80 (116.50 to 117.50): VN062872.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN062872.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN062872.D (-1761) (-)

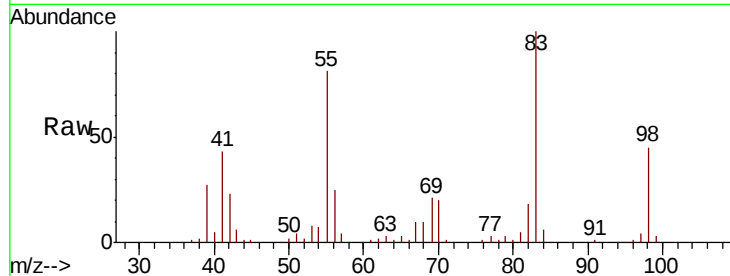




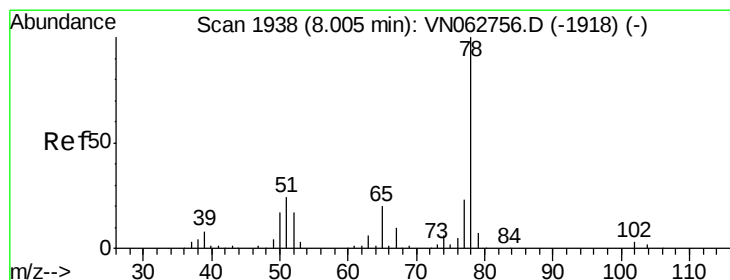
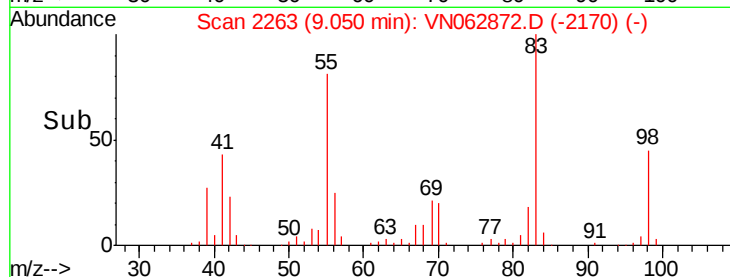
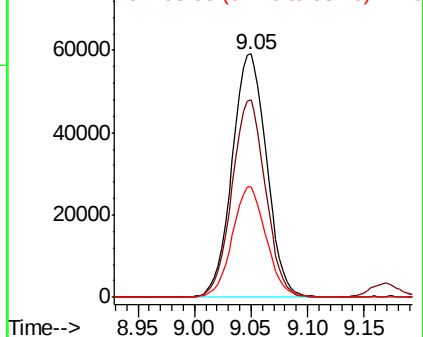
#39
Methvlcvclohexane
Concen: 44.835 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 125614
Ion Ratio Lower Upper
83 100
55 81.3 65.7 98.5
98 45.4 35.6 53.4

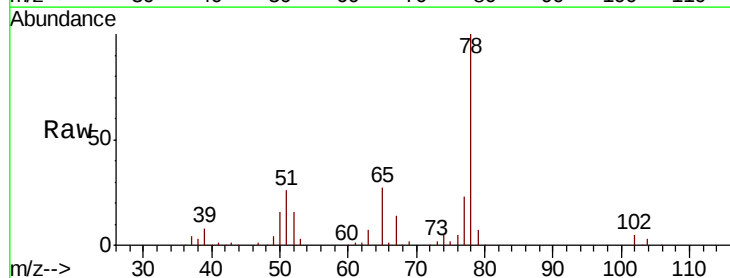


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

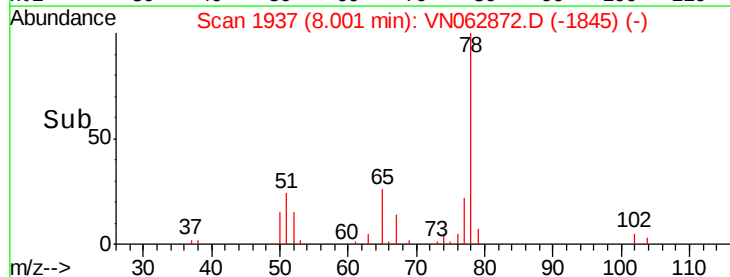
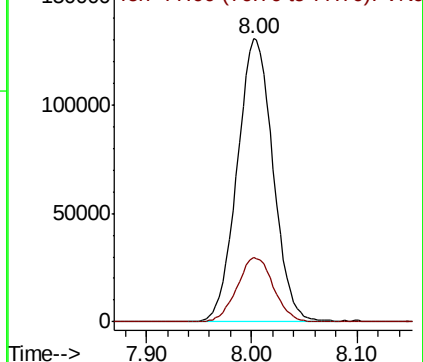


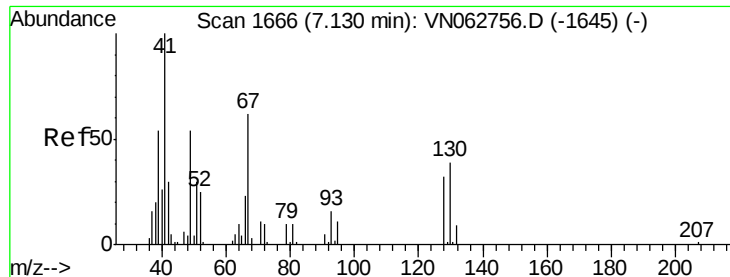
#40
Benzene
Concen: 44.384 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 78 Resp: 308339
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1



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

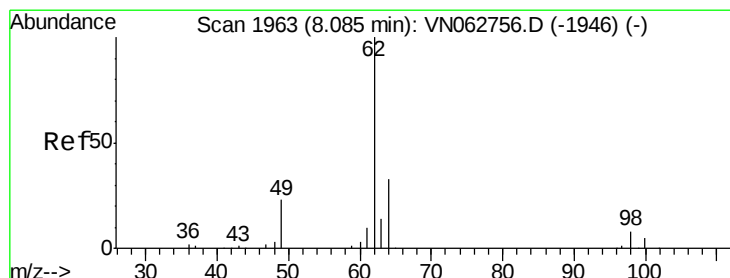
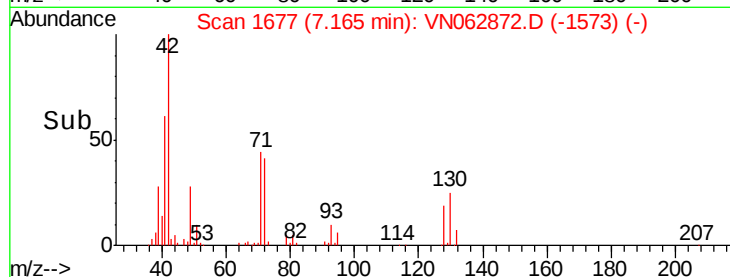
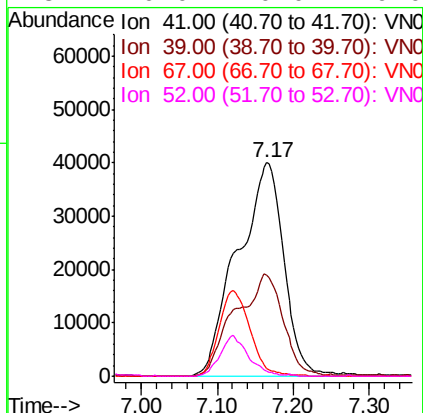
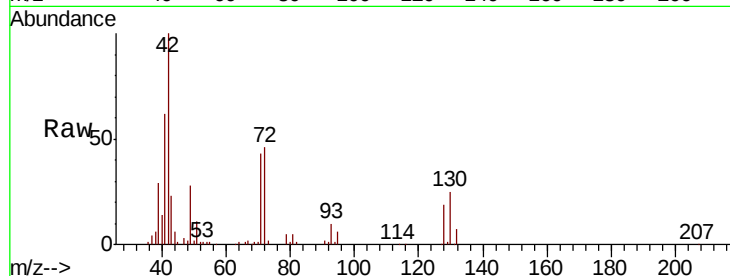




#41
Methacrylonitrile
Concen: 154.517 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

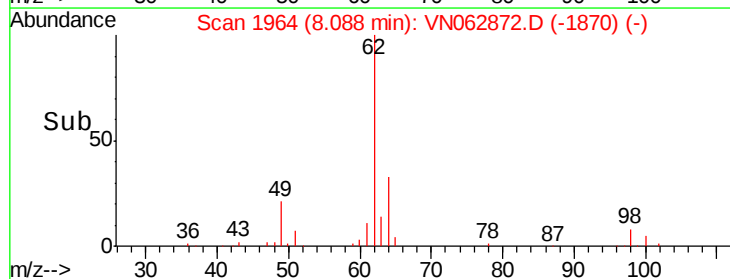
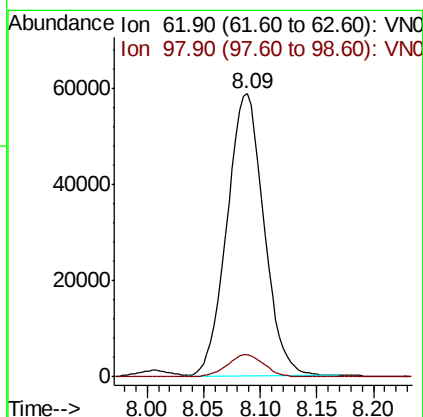
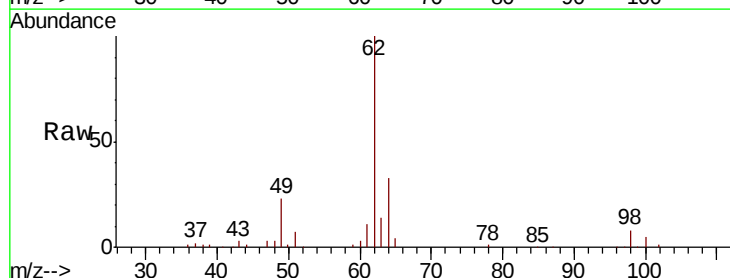
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

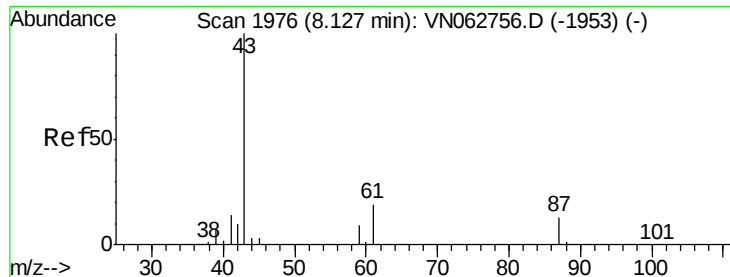
Tot Ion:	41	Resp:	169565
Ion	Ratio	Lower	Upper
41	100		
39	49.5	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 45.285 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:	62	Resp:	133899
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 43.494 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

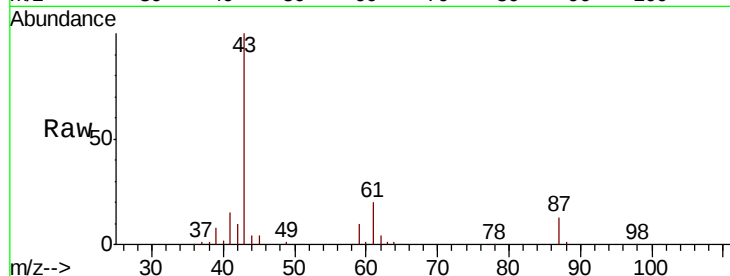
Tot Ion: 43 Resp: 176425

Ion Ratio Lower Upper

43 100

61 19.7 15.8 23.6

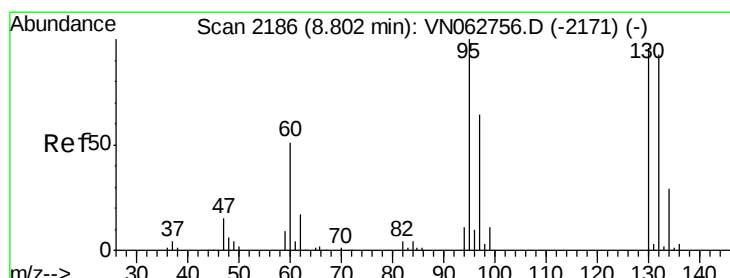
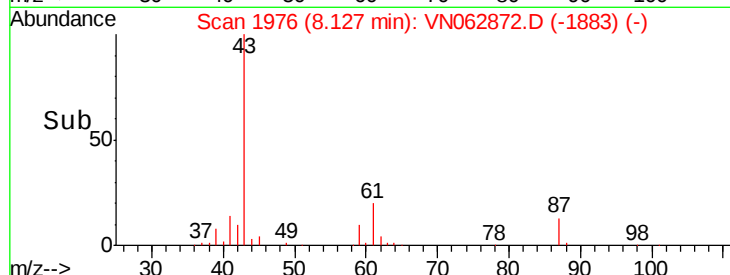
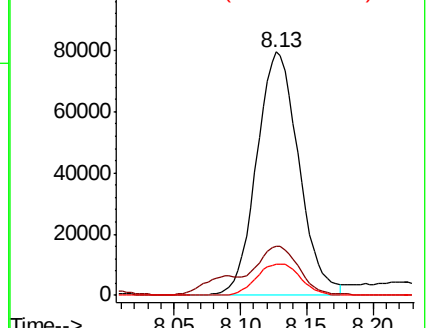
87 13.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062872.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062872.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062872.D (-1953) (-)



#44

Trichloroethene

Concen: 45.006 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062872.D

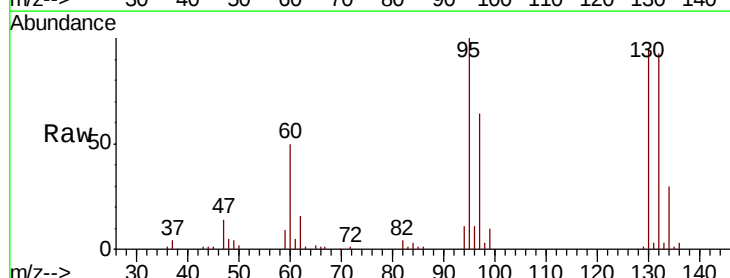
Acq: 12 Aug 2020 21:27

Tgt Ion:130 Resp: 76175

Ion Ratio Lower Upper

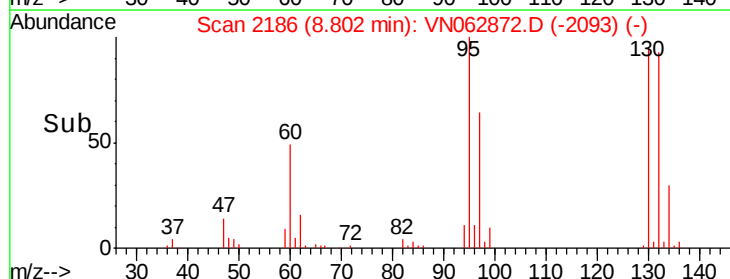
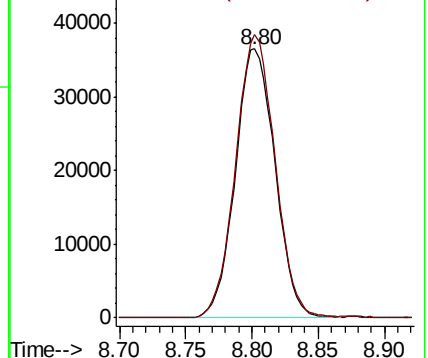
130 100

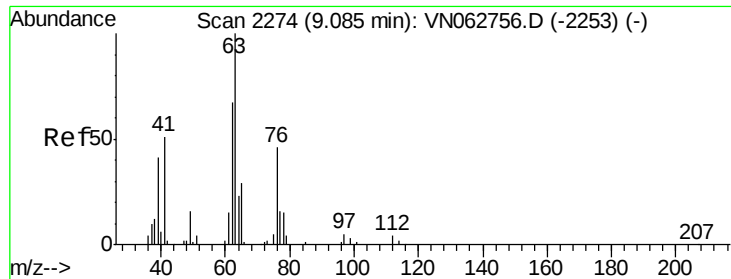
95 105.1 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062872.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062872.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 45.608 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

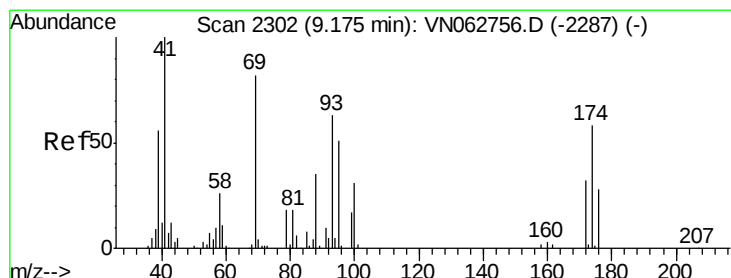
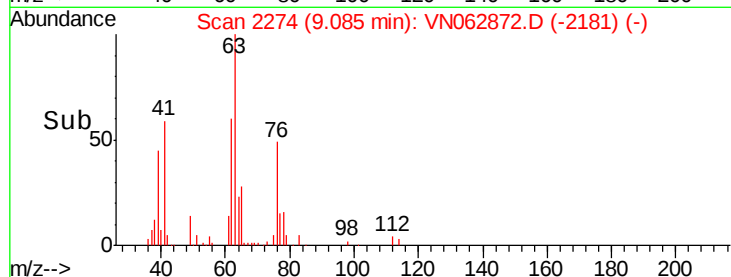
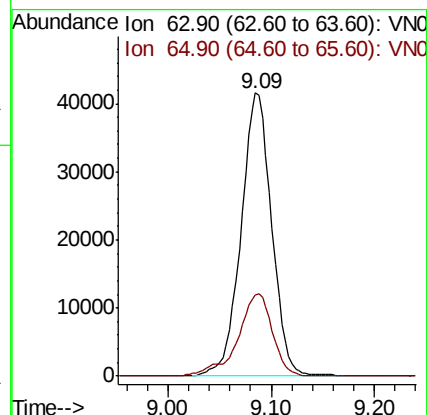
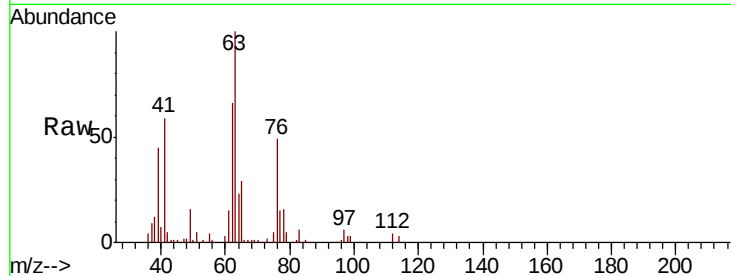
VSTDCCC050EC

Tot Ion: 63 Resp: 85753

Ion Ratio Lower Upper

63 100

65 28.5 23.5 35.3



#46

Dibromomethane

Concen: 47.228 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

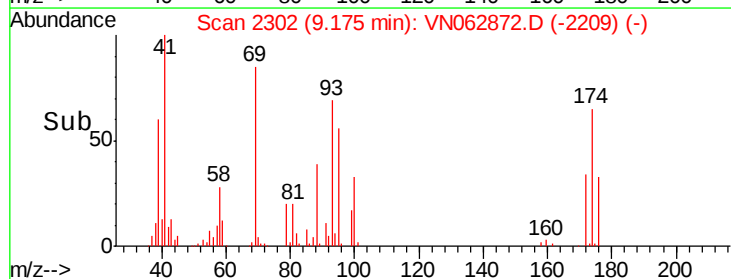
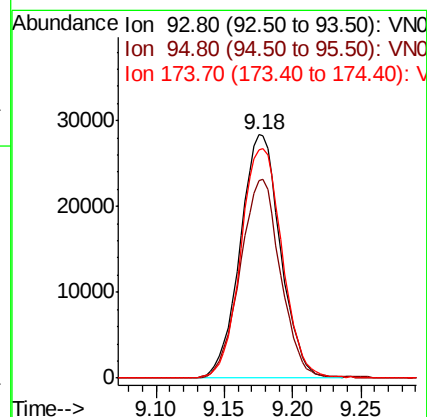
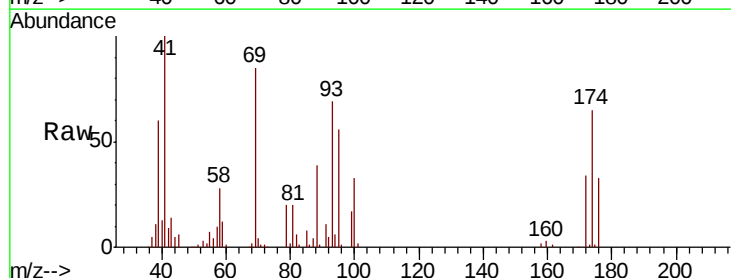
Tgt Ion: 93 Resp: 58183

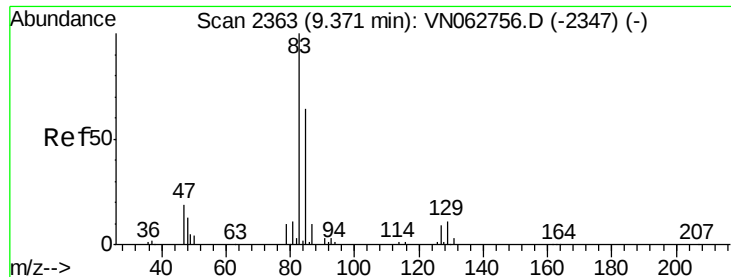
Ion Ratio Lower Upper

93 100

95 81.3 65.1 97.7

174 96.9 73.9 110.9





#47

Bromodichloromethane

Concen: 47.471 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

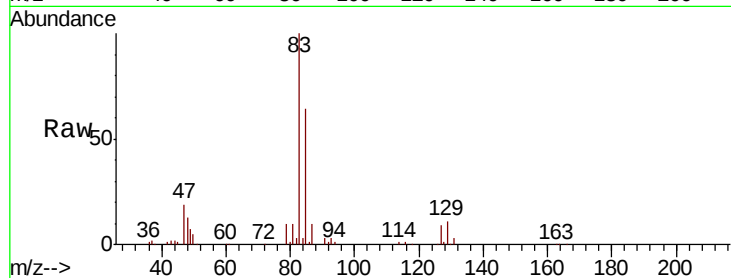
Tot Ion: 83 Resp: 131348

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0

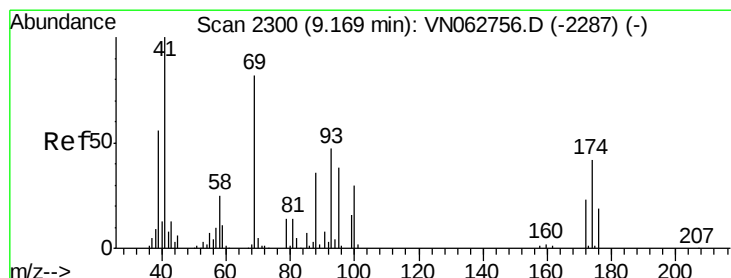
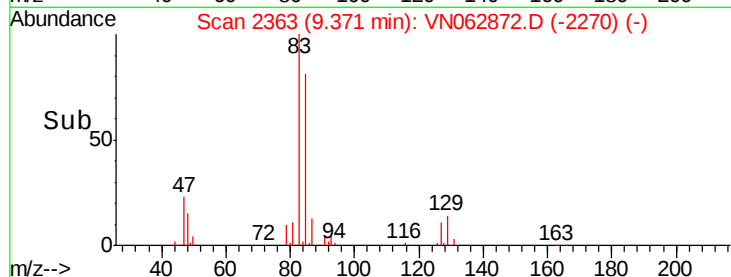
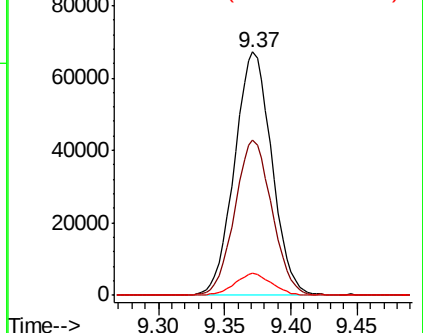
127 9.0 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062872.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062872.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062872.D (-2270) (-)



#48

Methyl methacrylate

Concen: 44.098 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

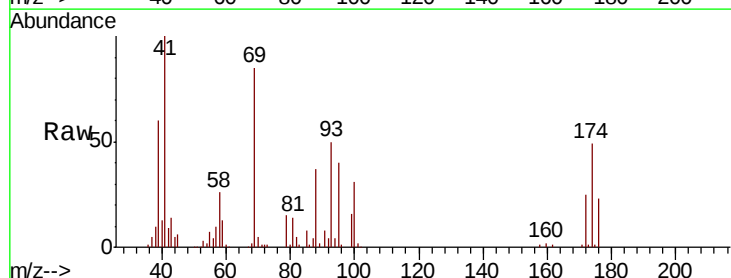
Tgt Ion: 41 Resp: 87984

Ion Ratio Lower Upper

41 100

69 90.5 67.4 101.2

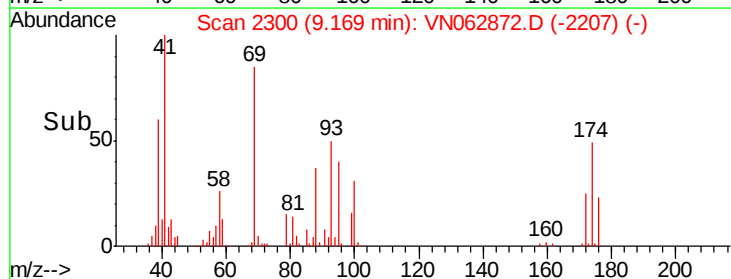
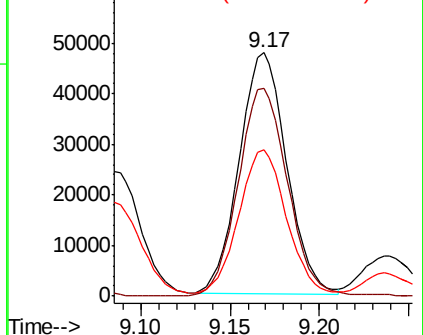
39 61.7 47.6 71.4

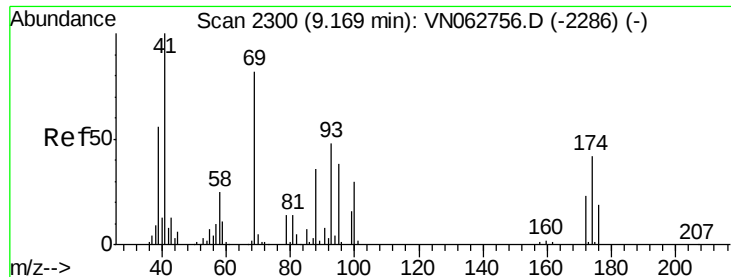


Abundance Ion 41.00 (40.70 to 41.70): VN062872.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062872.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062872.D (-2207) (-)

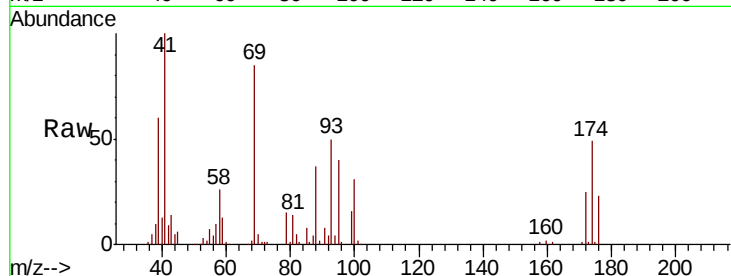




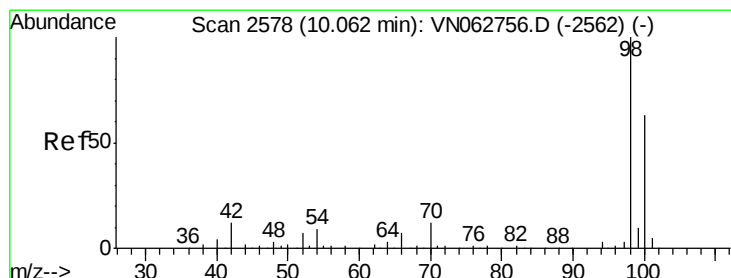
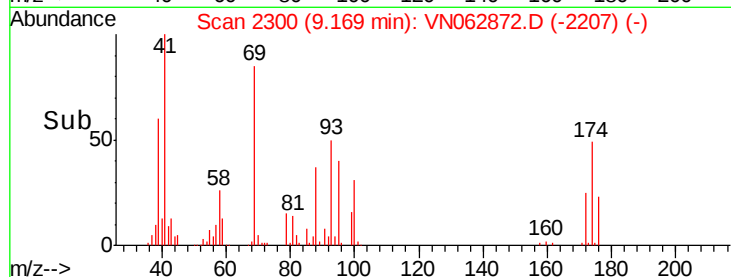
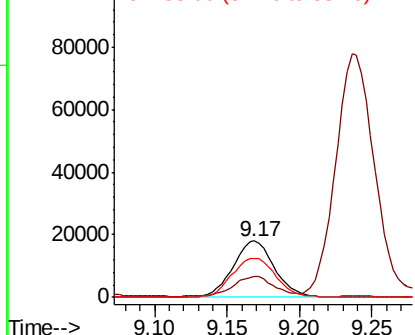
#49
1,4-Dioxane
Concen: 967.988 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 35786
Ion Ratio Lower Upper
88 100
43 34.7 29.5 44.3
58 73.9 59.8 89.8

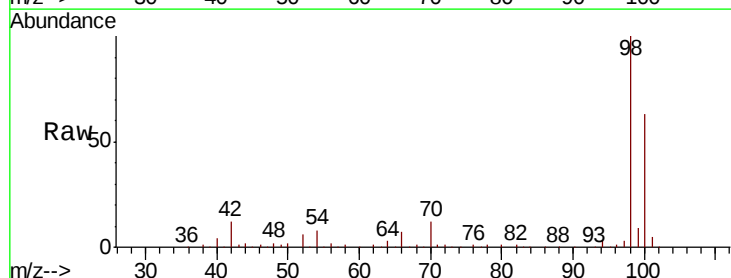


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

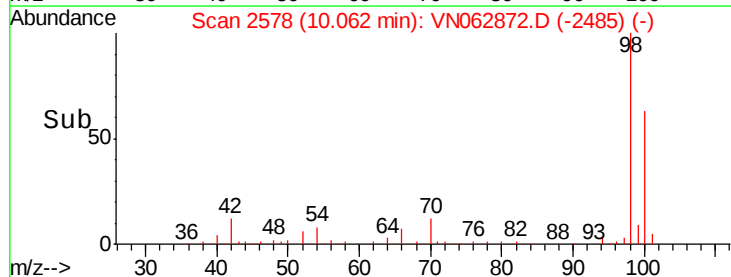
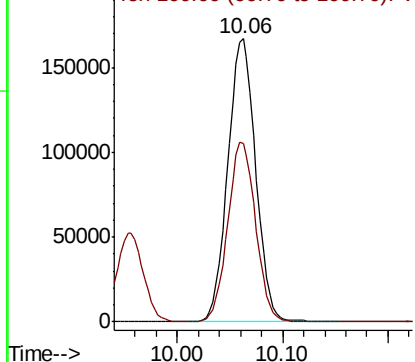


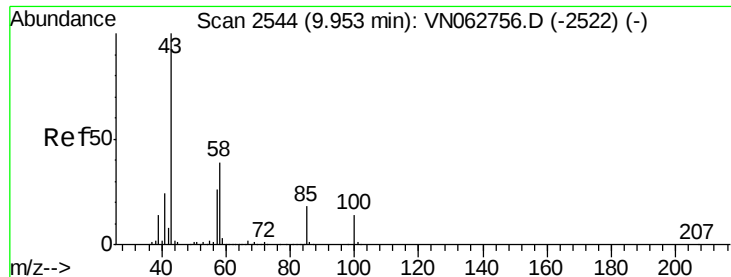
#50
Toluene-d8
Concen: 47.861 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 98 Resp: 305604
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 229.711 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

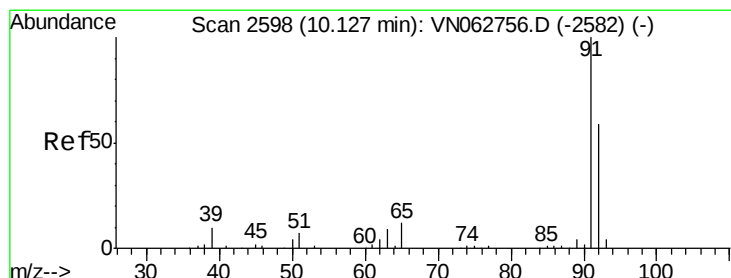
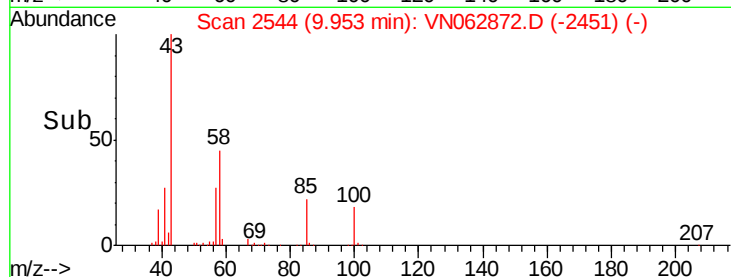
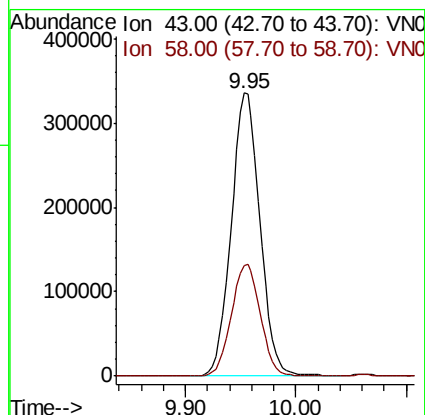
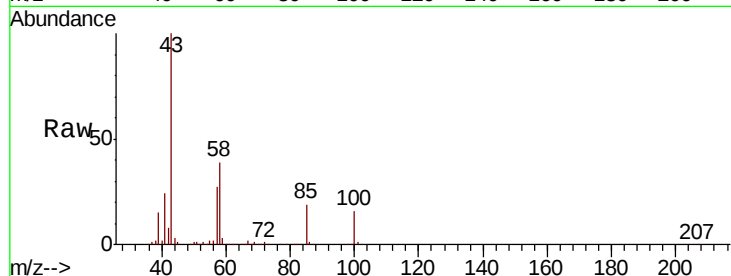
VSTDCCC050EC

Tot Ion: 43 Resp: 602880

Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7



#52

Toluene

Concen: 46.297 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062872.D

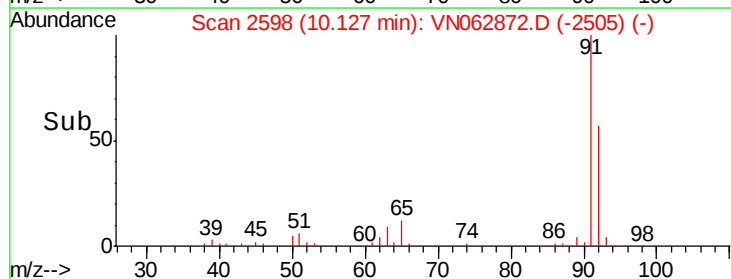
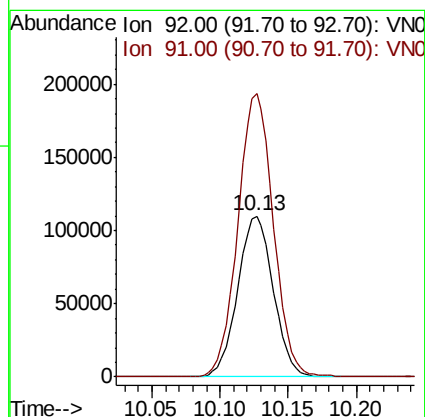
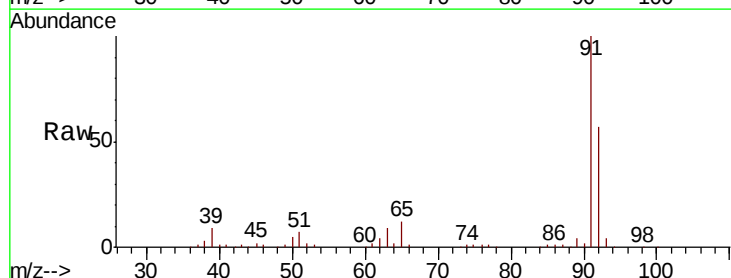
Acq: 12 Aug 2020 21:27

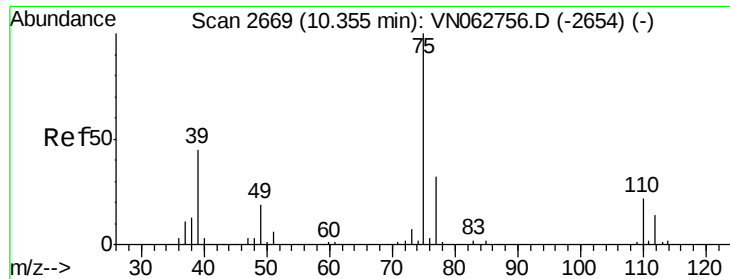
Tgt Ion: 92 Resp: 198583

Ion Ratio Lower Upper

92 100

91 176.2 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 44.822 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

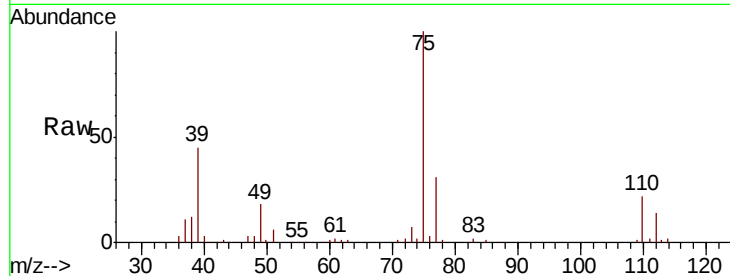
VSTDCCC050EC

Tot Ion: 75 Resp: 136416

Ion Ratio Lower Upper

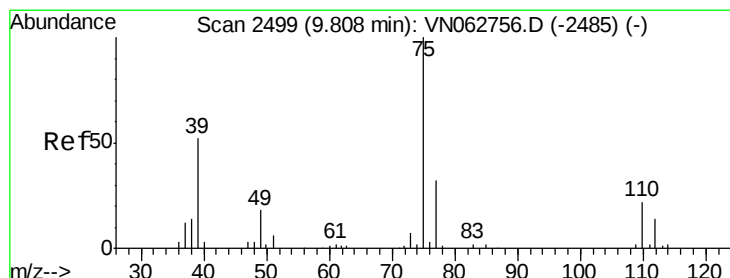
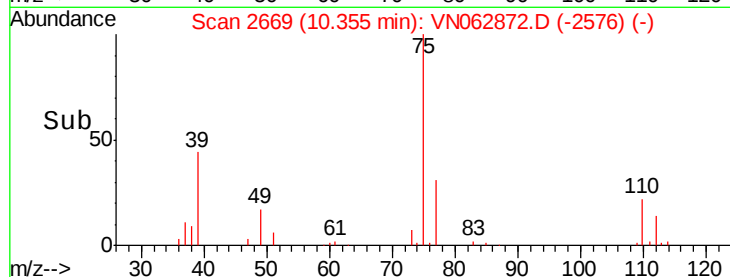
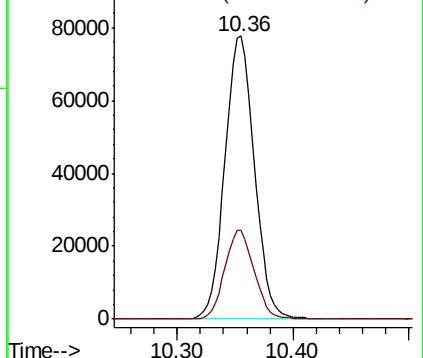
75 100

77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 44.695 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

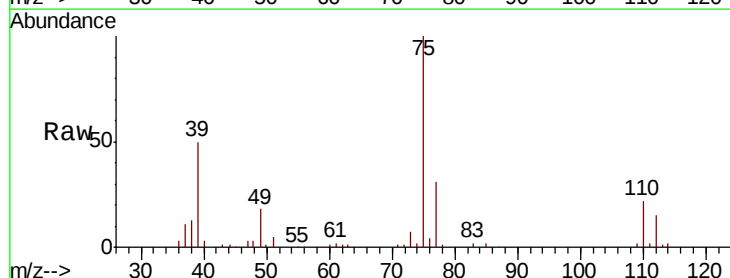
Tgt Ion: 75 Resp: 136575

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

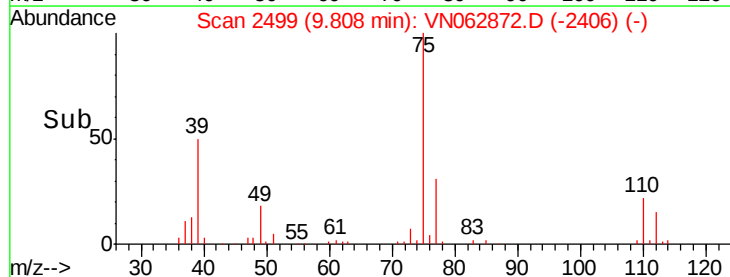
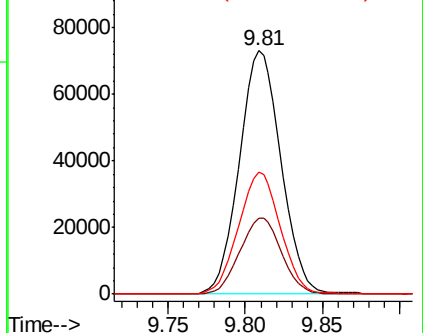
39 50.0 41.9 62.9

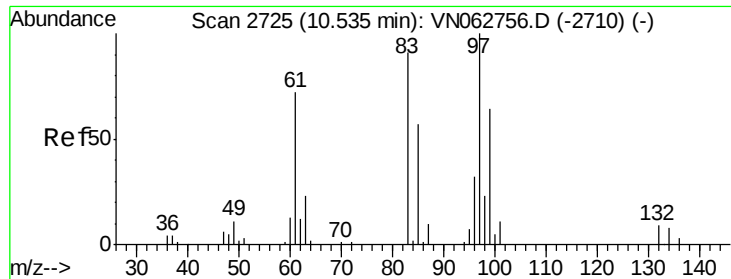


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

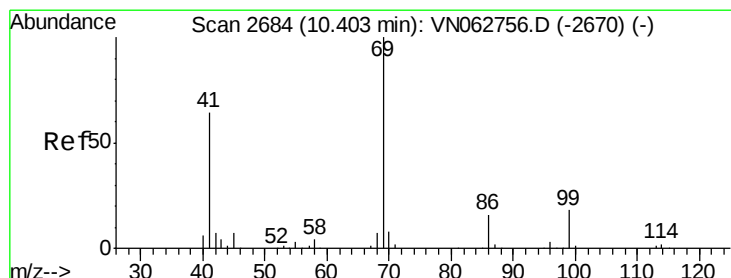
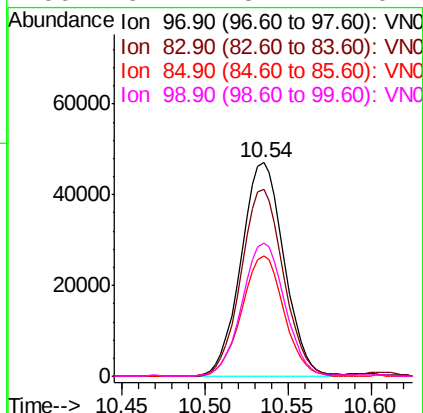
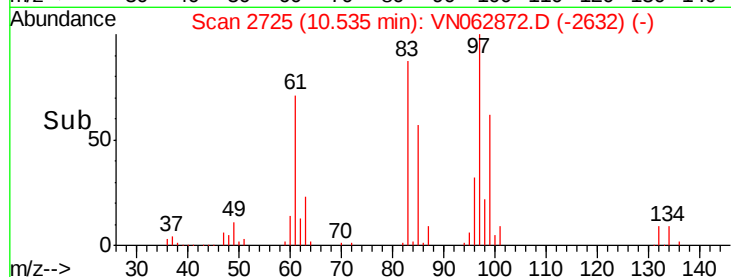
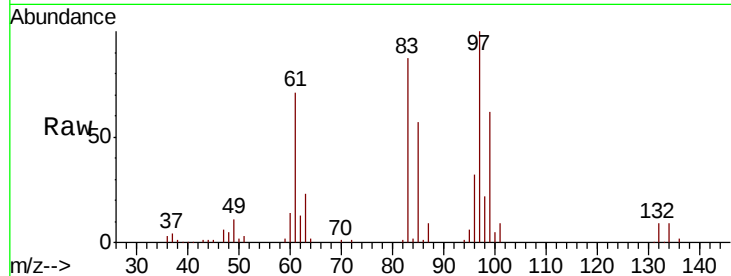




#55
 1,1,2-Trichloroethane
 Concen: 46.405 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

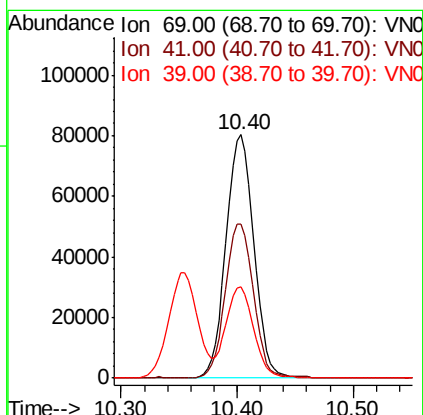
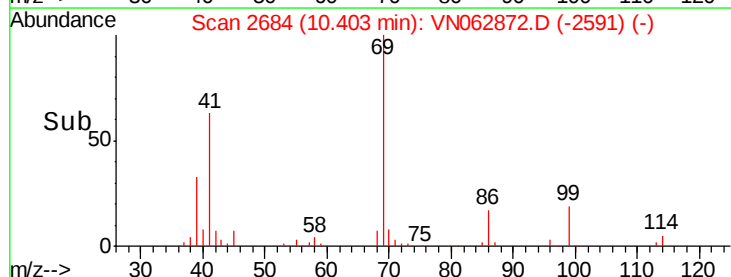
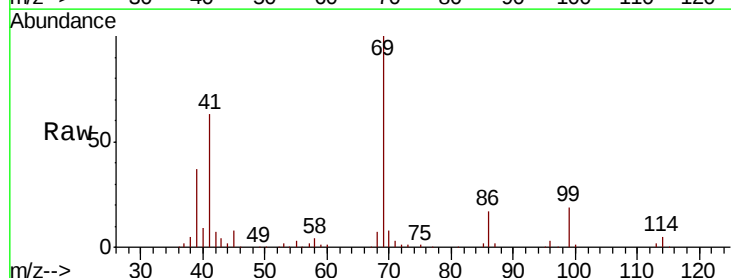
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

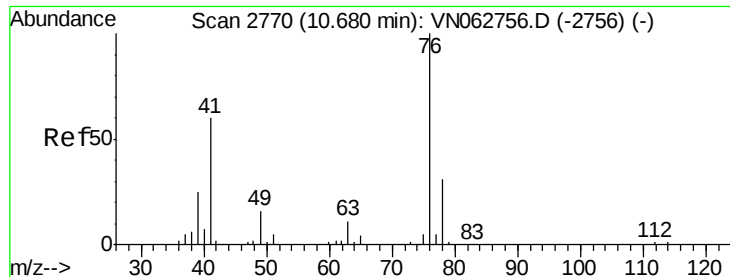
Tot Ion: 97 Resp: 85011
 Ion Ratio Lower Upper
 97 100
 83 87.4 72.6 108.8
 85 56.5 46.0 69.0
 99 62.4 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 48.510 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 69 Resp: 133761
 Ion Ratio Lower Upper
 69 100
 41 64.4 52.2 78.2
 39 37.2 30.9 46.3

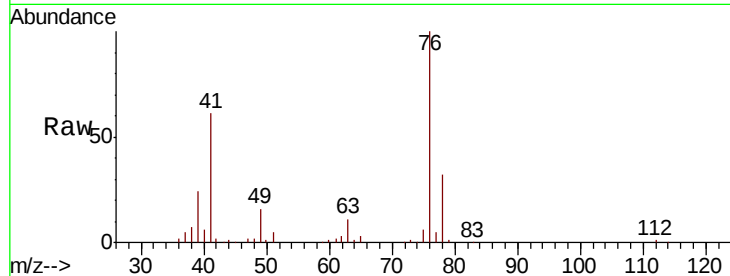




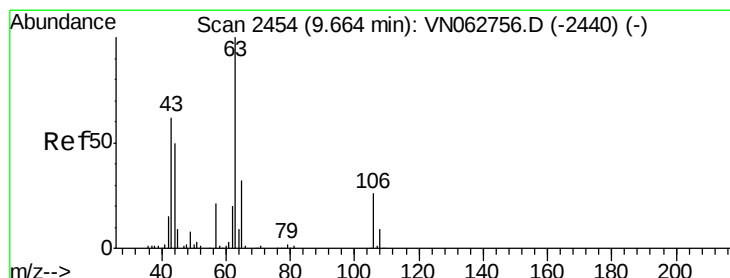
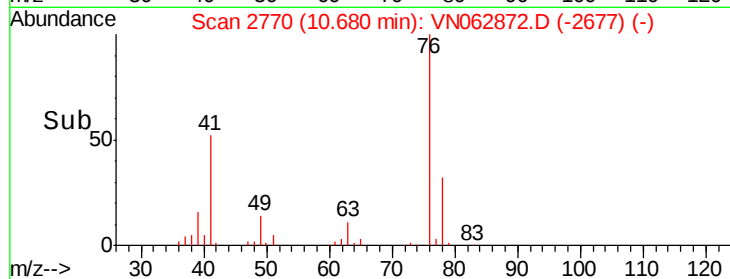
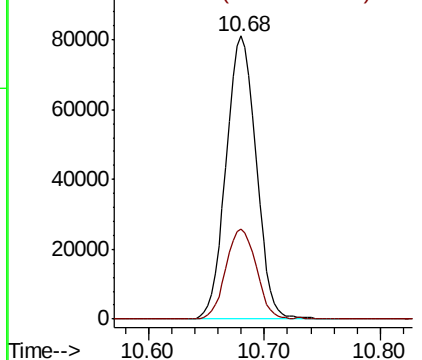
#57
 1,3-Dichloropropane
 Concen: 46.607 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 145072
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0

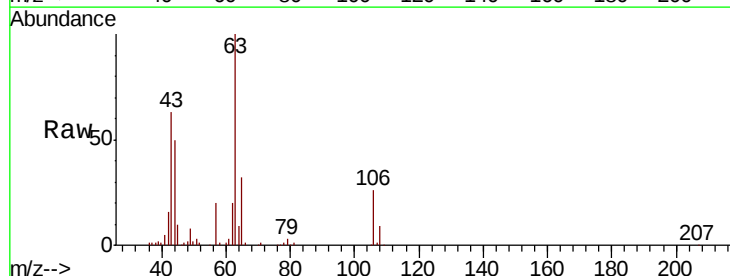


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

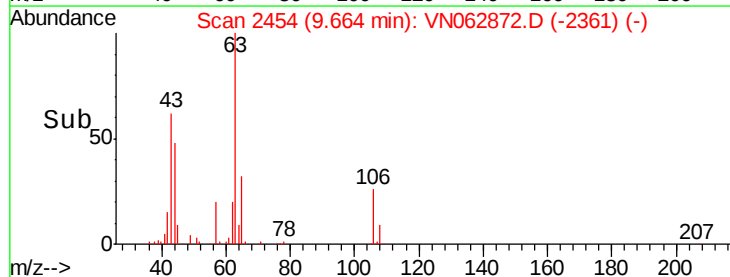
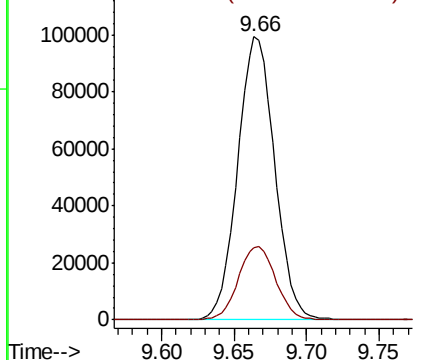


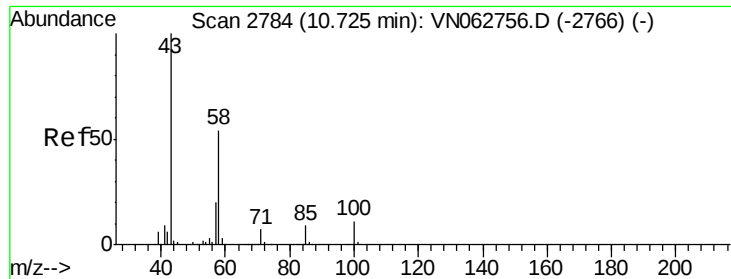
#58
 2-Chloroethyl Vinyl ether
 Concen: 225.884 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 63 Resp: 176058
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.9 31.3



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

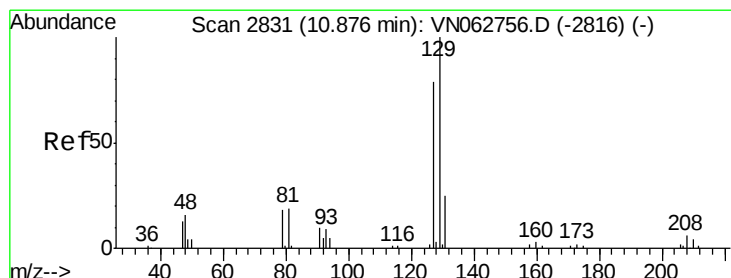
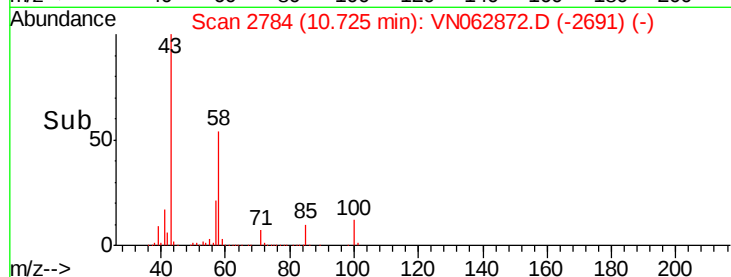
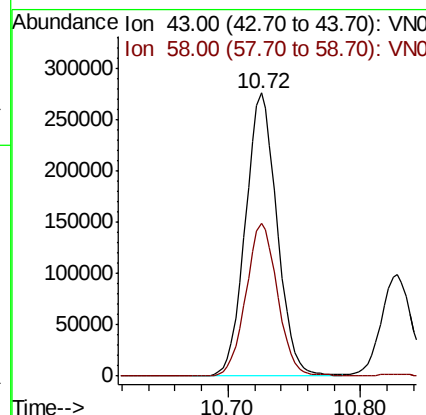
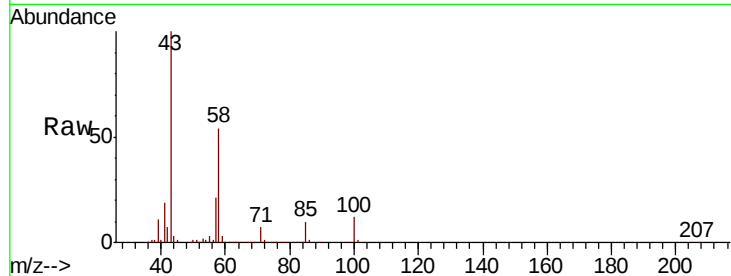




#59
2-Hexanone
Concen: 232.598 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

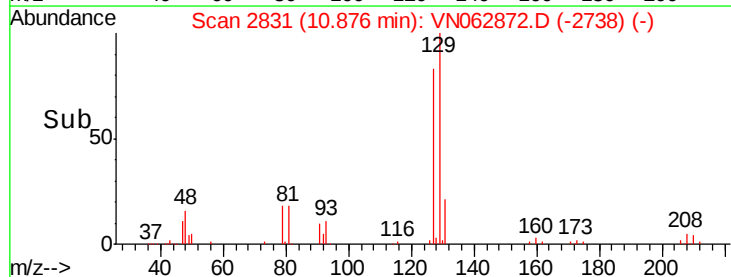
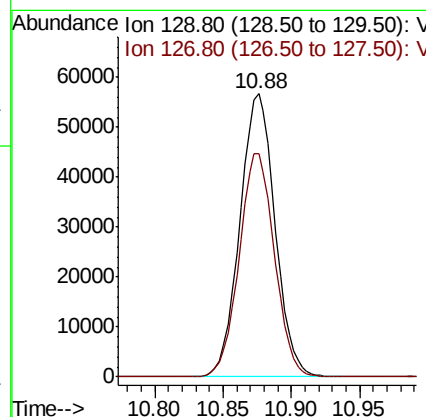
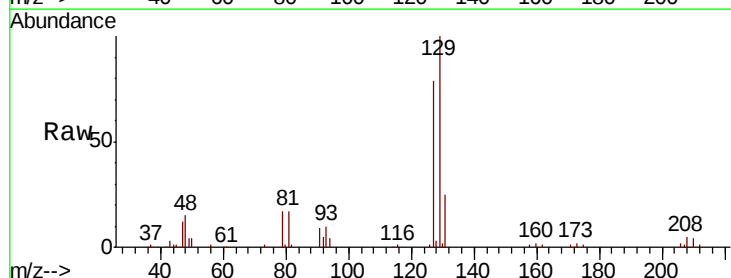
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

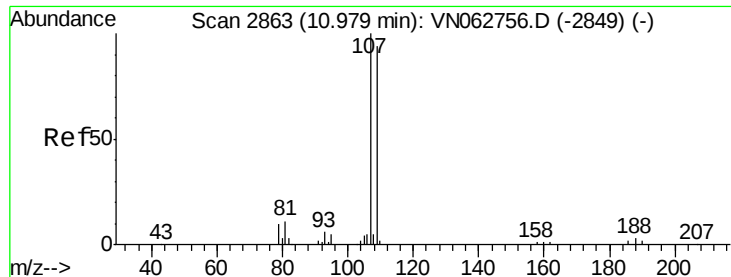
Tot Ion: 43 Resp: 455366
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1



#60
Dibromochloromethane
Concen: 48.507 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 129 Resp: 101405
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2

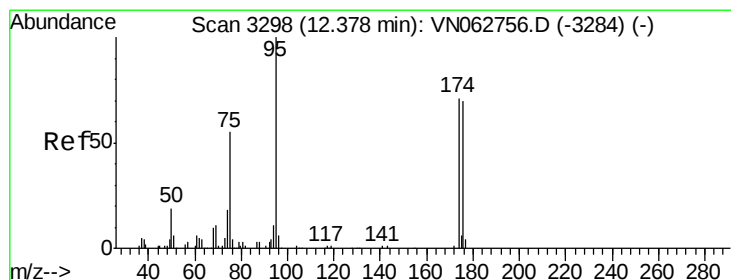
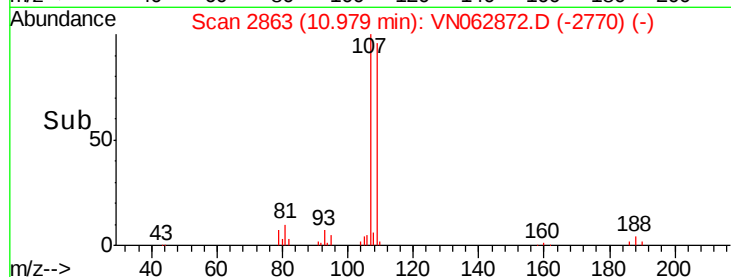
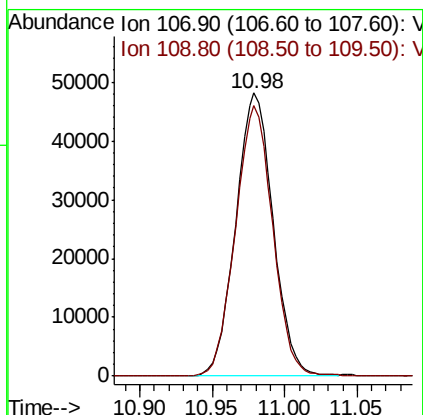
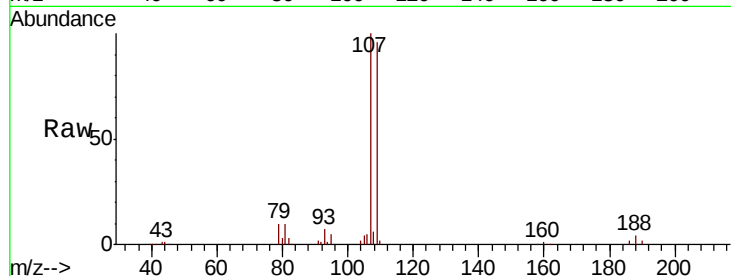




#61
 1,2-Dibromoethane
 Concen: 47.732 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

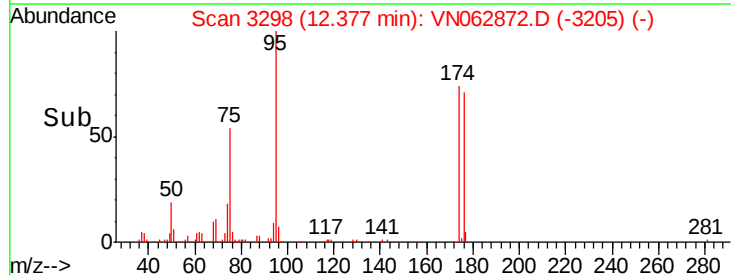
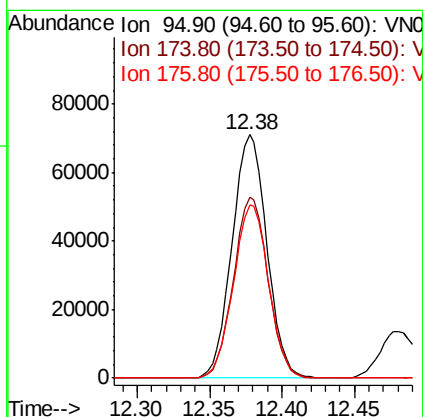
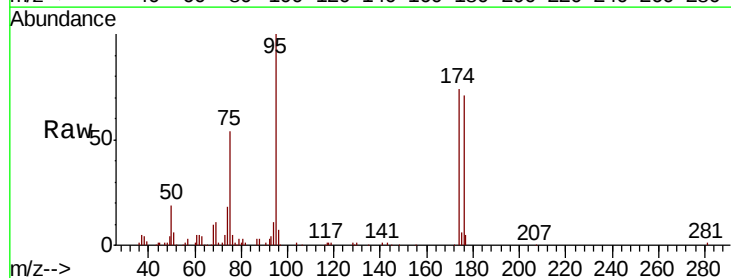
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

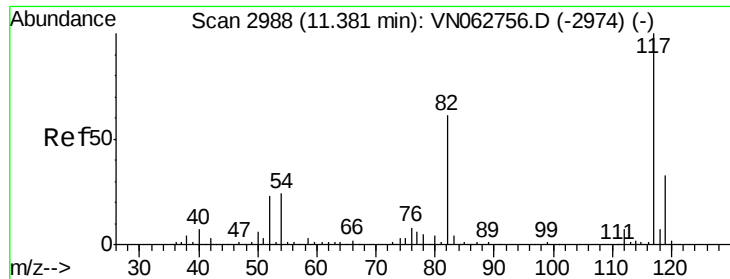
Tot Ion:107 Resp: 86283
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 49.092 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion: 95 Resp: 118458
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 144.8
 176 71.9 0.0 142.2

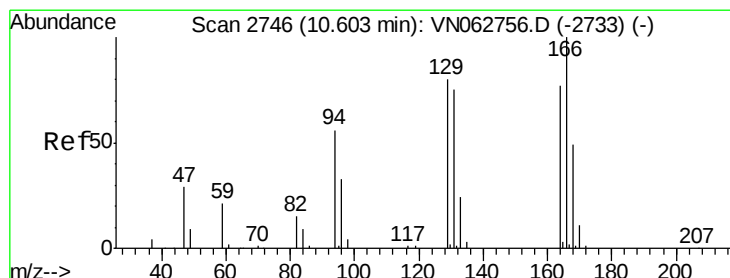
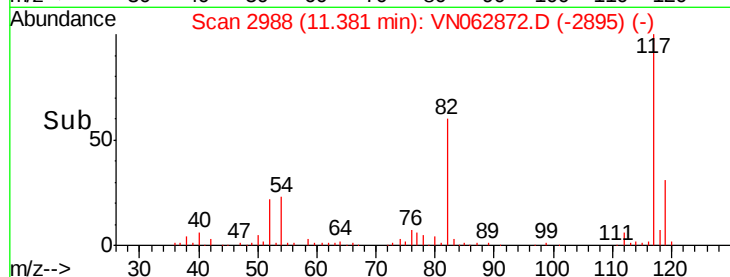
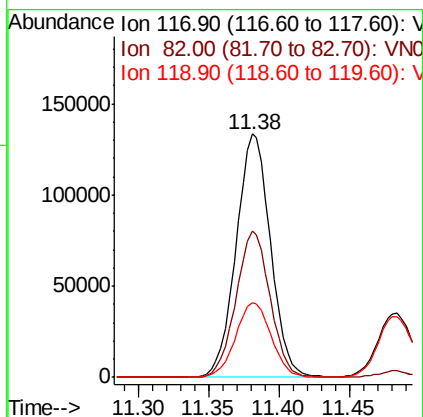
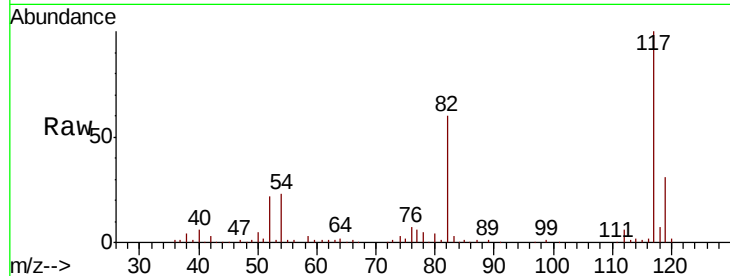




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

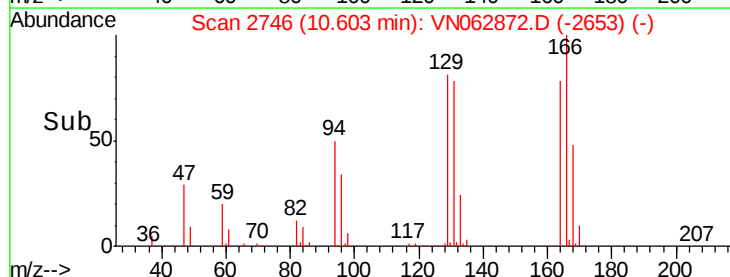
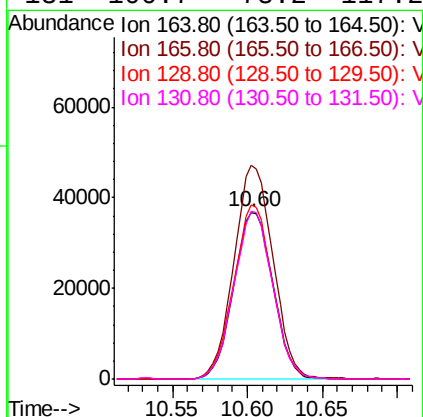
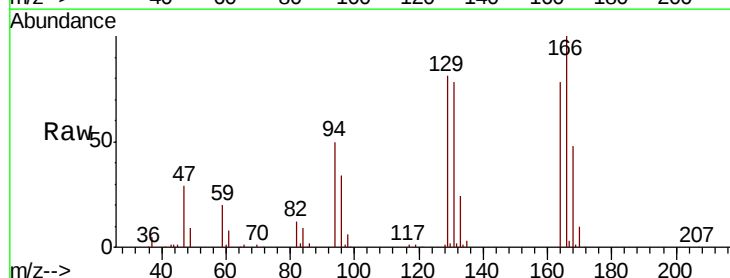
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

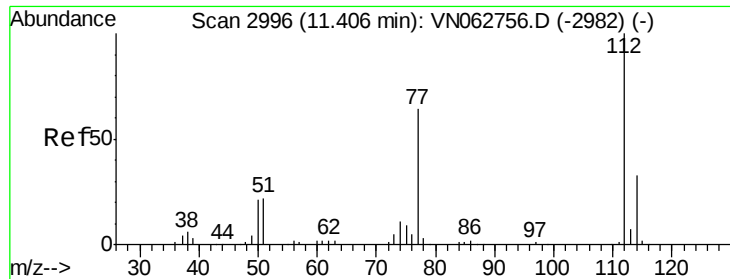
Tot Ion:117 Resp: 228540
Ion Ratio Lower Upper
117 100
82 60.0 49.0 73.4
119 30.8 26.2 39.2



#64
Tetrachloroethene
Concen: 45.447 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:164 Resp: 67014
Ion Ratio Lower Upper
164 100
166 128.3 103.8 155.8
129 104.2 82.7 124.1
131 100.7 78.2 117.2

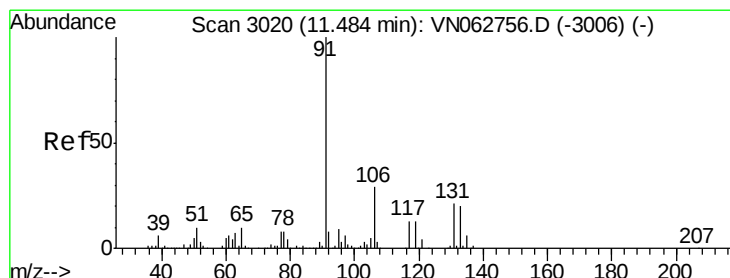
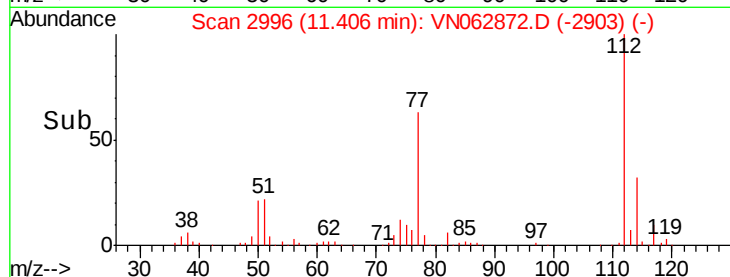
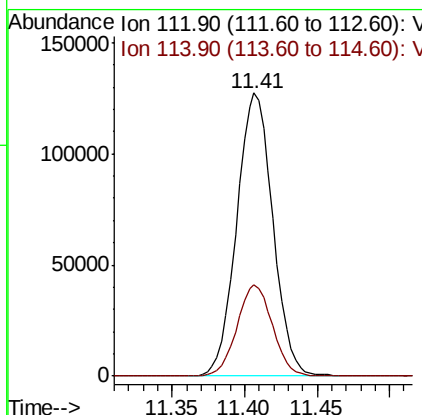
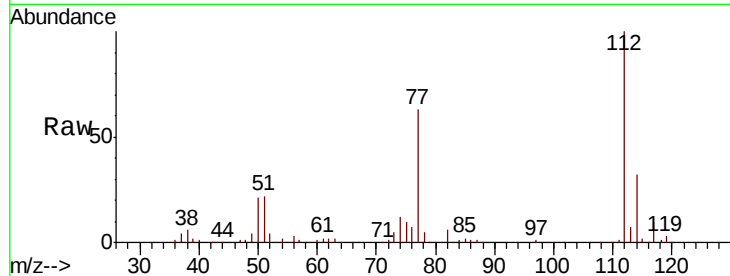




#65
Chlorobenzene
Concen: 46.114 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

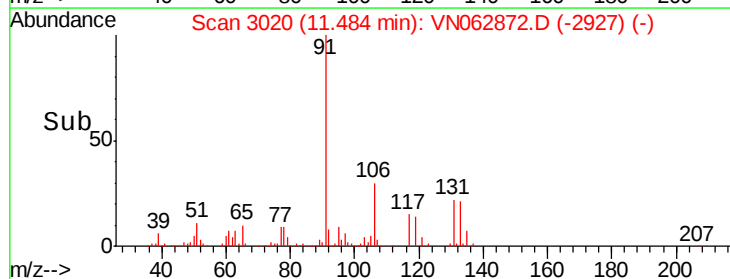
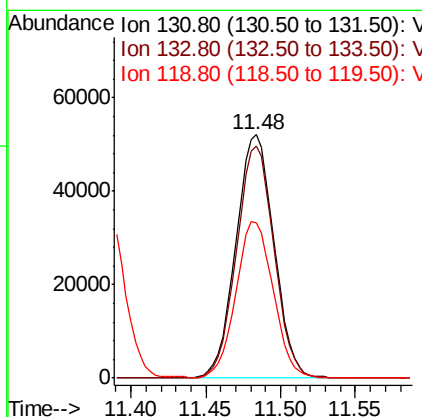
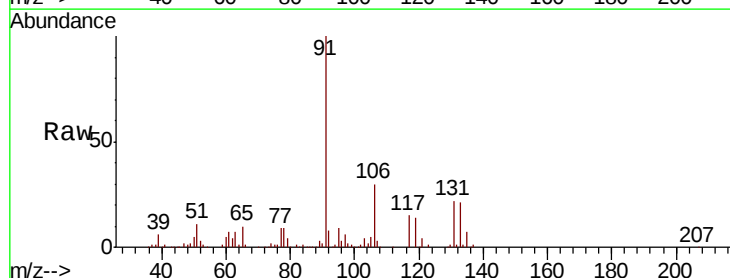
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

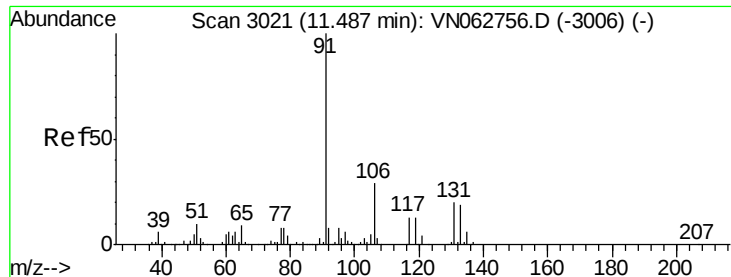
Tot Ion:112 Resp: 220303
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.192 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:131 Resp: 92455
Ion Ratio Lower Upper
131 100
133 94.2 48.6 145.8
119 63.2 32.2 96.6

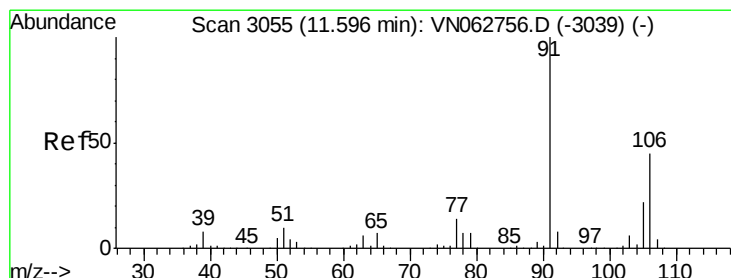
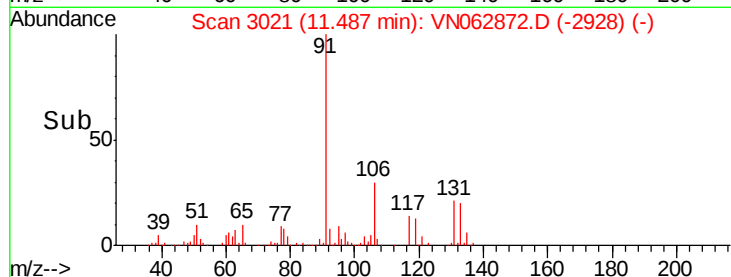
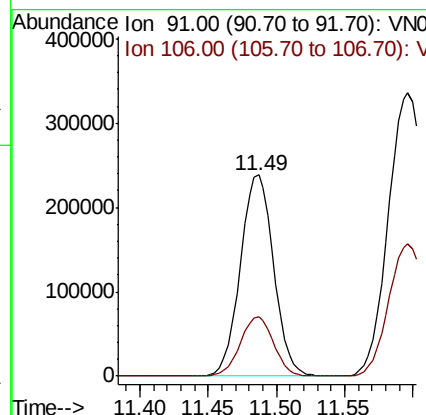
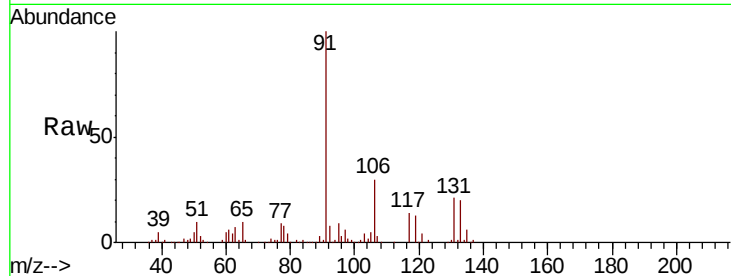




#67
Ethyl Benzene
Concen: 47.215 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

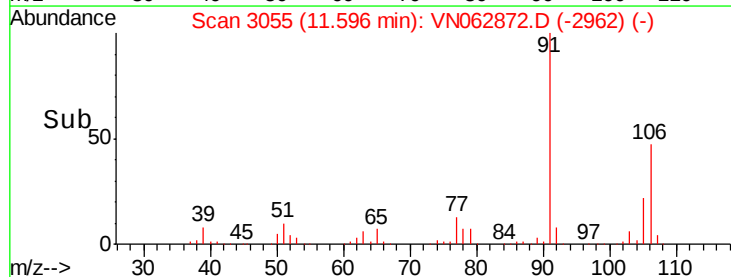
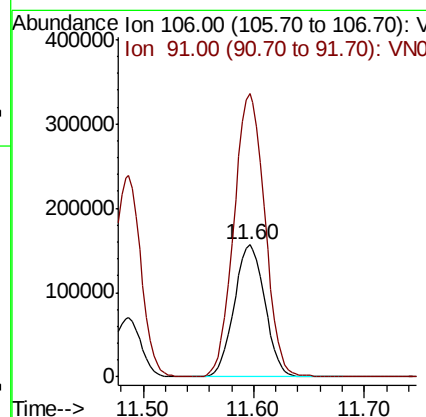
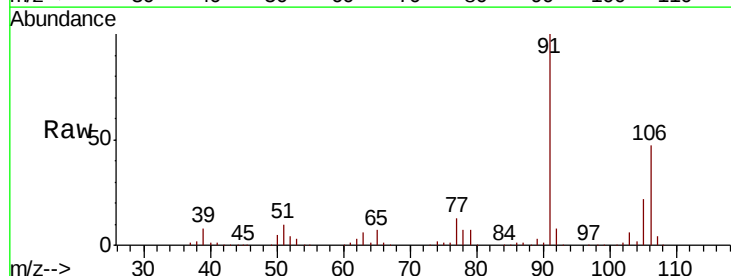
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 403640
Ion Ratio Lower Upper
91 100
106 29.7 23.2 34.8



#68
m/p-Xylenes
Concen: 97.324 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 106 Resp: 302025
Ion Ratio Lower Upper
106 100
91 214.9 175.9 263.9

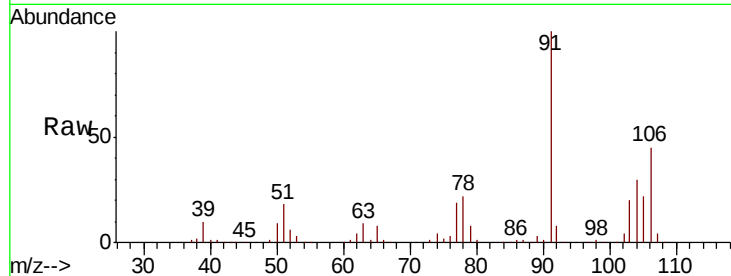




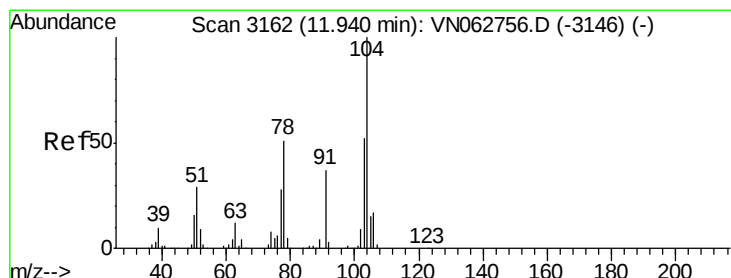
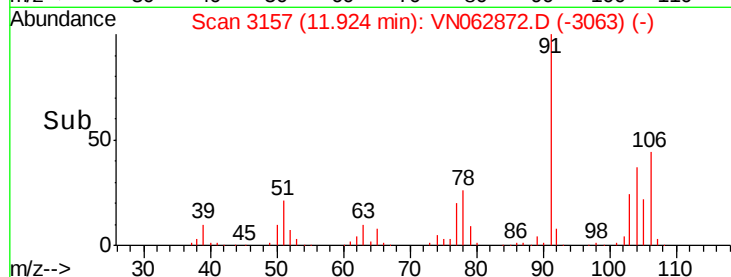
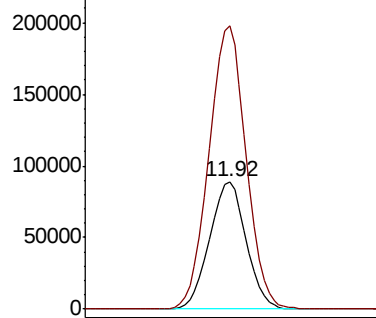
#69
o-Xylene
Concen: 50.160 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 145875
Ion Ratio Lower Upper
106 100
91 225.1 115.8 347.4

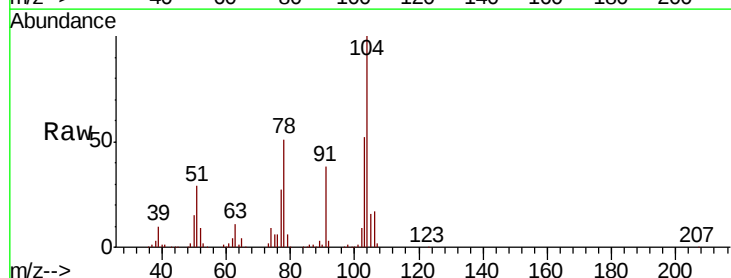


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

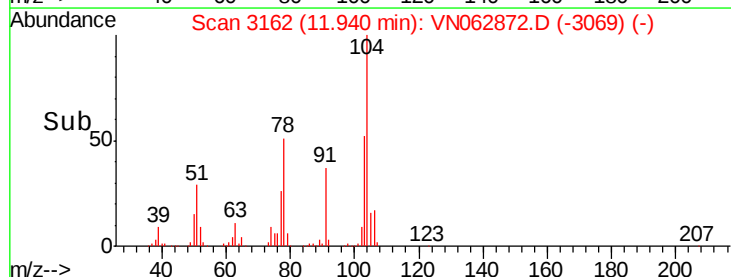
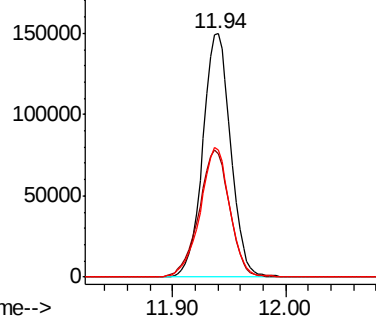


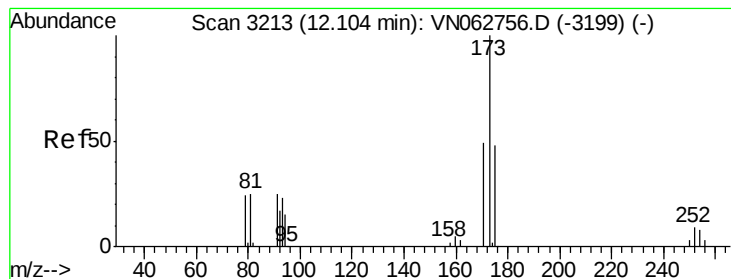
#70
Styrene
Concen: 50.426 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:104 Resp: 257775
Ion Ratio Lower Upper
104 100
78 57.1 45.9 68.9
103 56.4 45.1 67.7



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





#71

Bromoform

Concen: 48.280 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

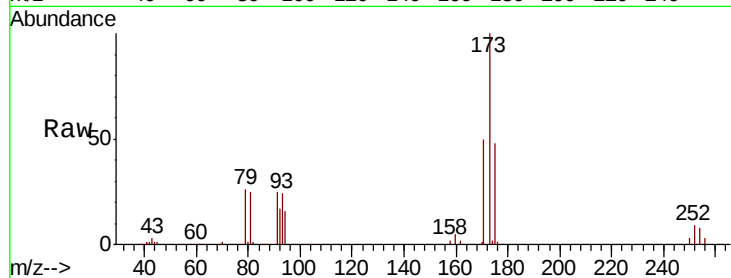
Tot Ion:173 Resp: 75784

Ion Ratio Lower Upper

173 100

175 49.2 24.0 72.0

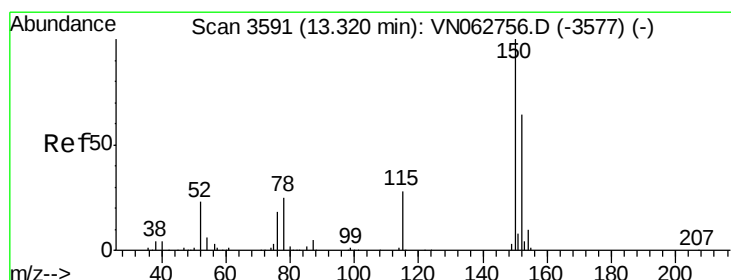
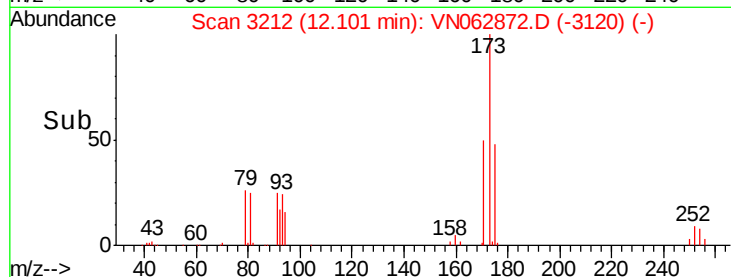
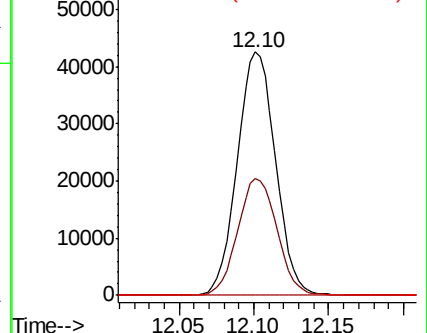
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

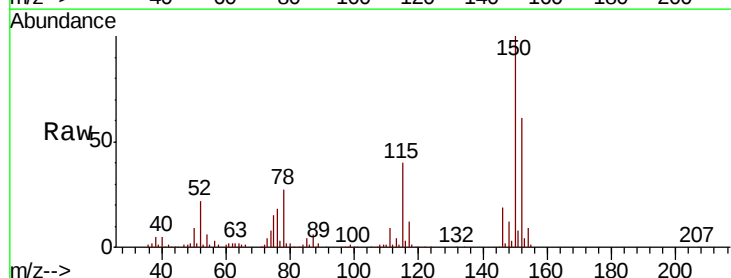
Tgt Ion:152 Resp: 126821

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

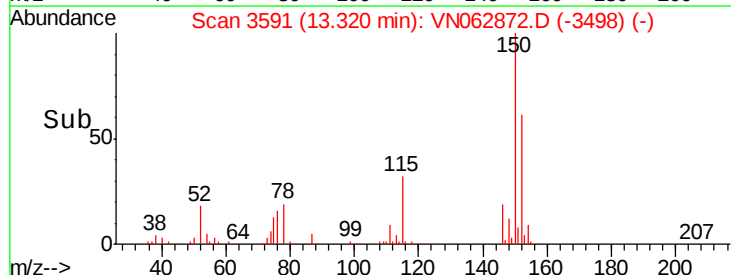
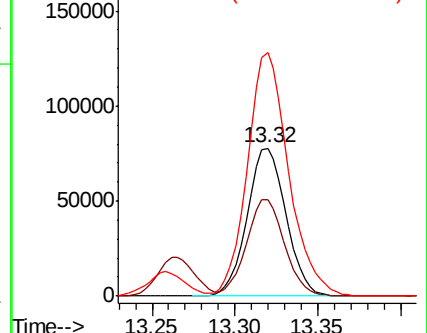
150 173.4 0.0 349.2

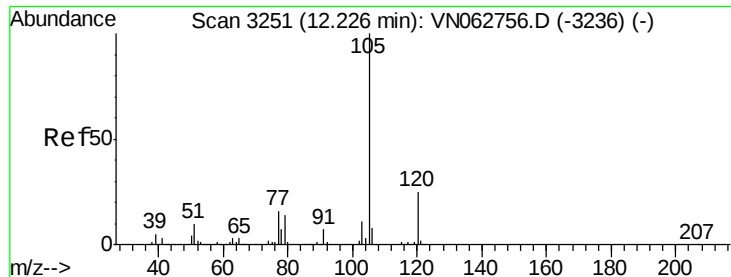


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

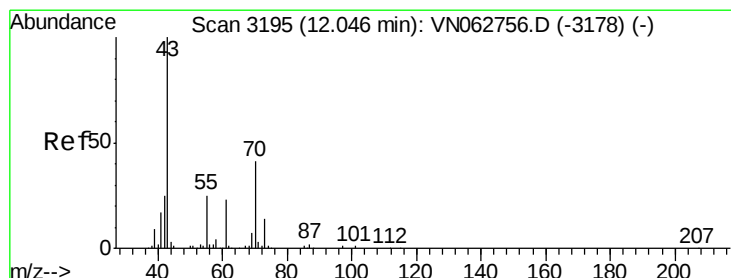
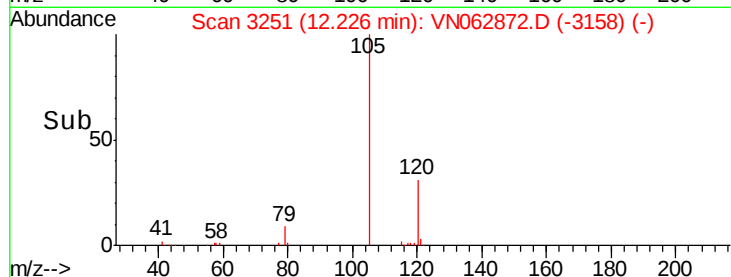
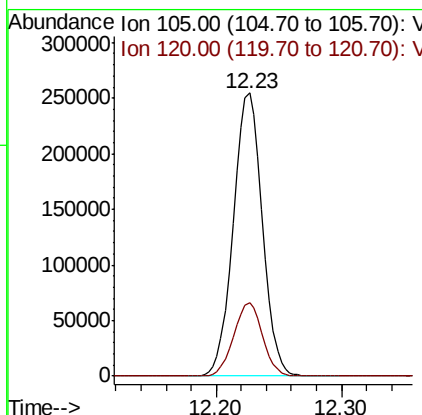
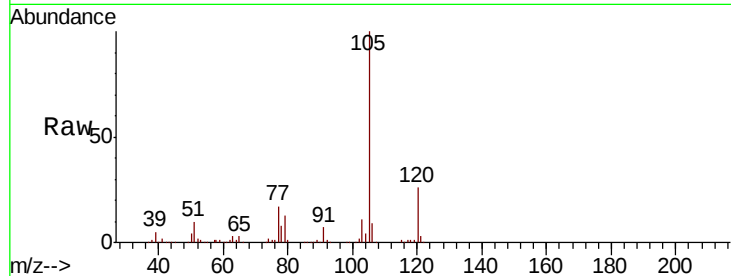




#73
Isopropylbenzene
Concen: 42.831 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

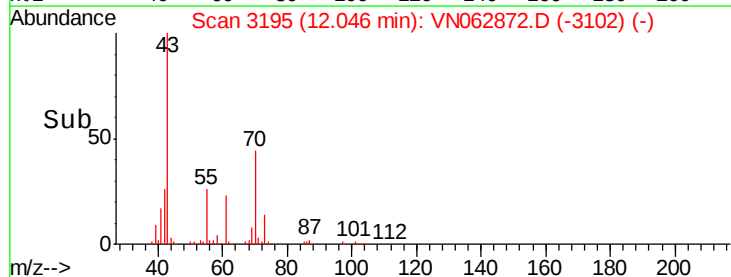
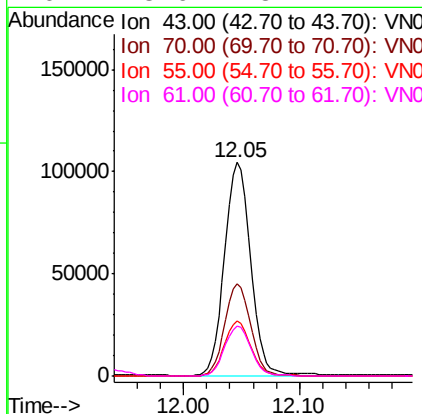
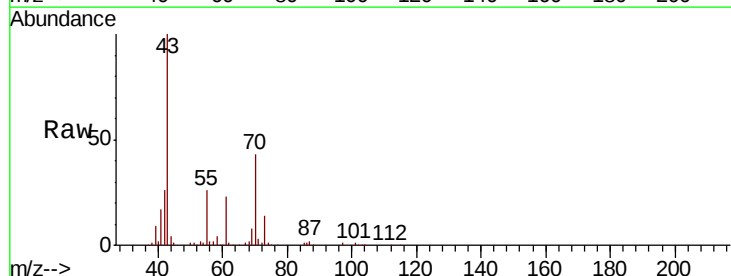
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

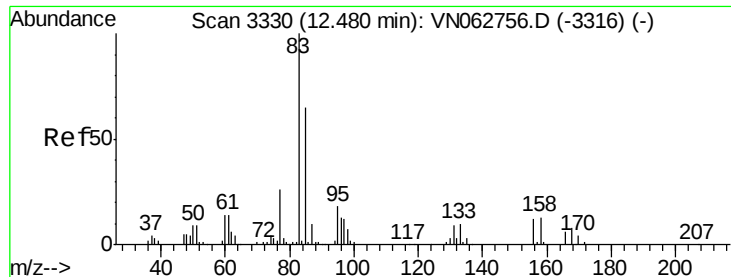
Tot Ion:105 Resp: 409020
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8



#74
N-ethyl acetate
Concen: 42.164 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 43 Resp: 163171
Ion Ratio Lower Upper
43 100
70 42.8 32.3 48.5
55 25.8 20.2 30.2
61 23.6 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 38.818 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

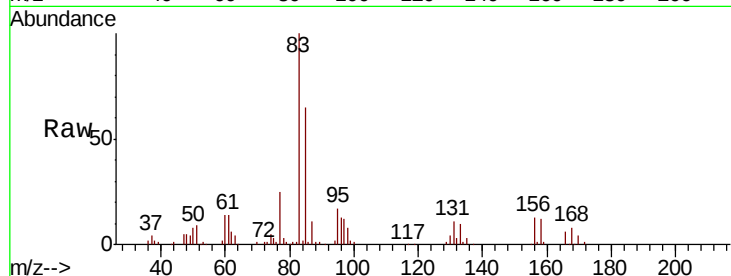
Tot Ion: 83 Resp: 130494

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

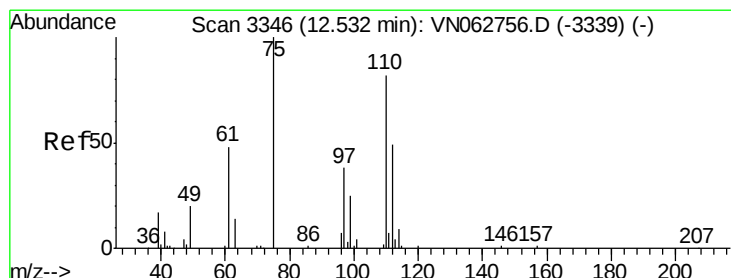
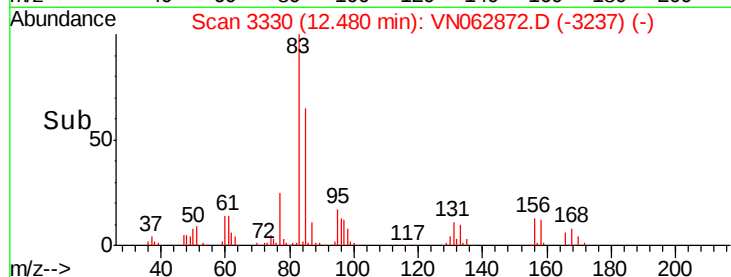
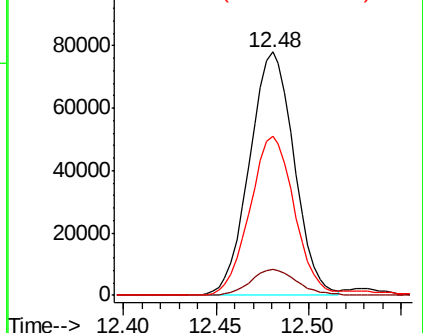
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062872.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062872.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062872.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 53.106 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062872.D

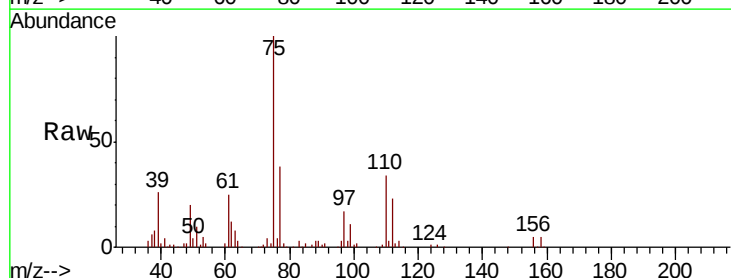
Acq: 12 Aug 2020 21:27

Tgt Ion: 75 Resp: 181633

Ion Ratio Lower Upper

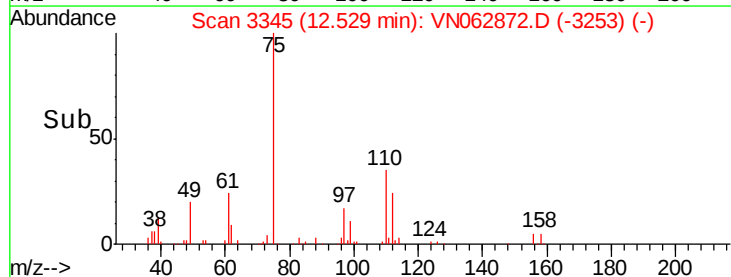
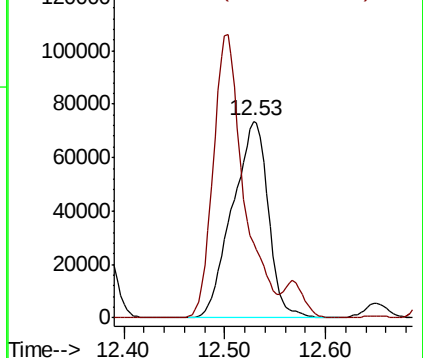
75 100

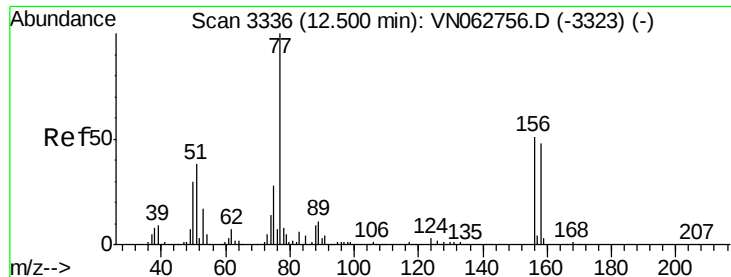
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062872.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062872.D (-3253) (-)





#77

Bromobenzene

Concen: 41.948 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

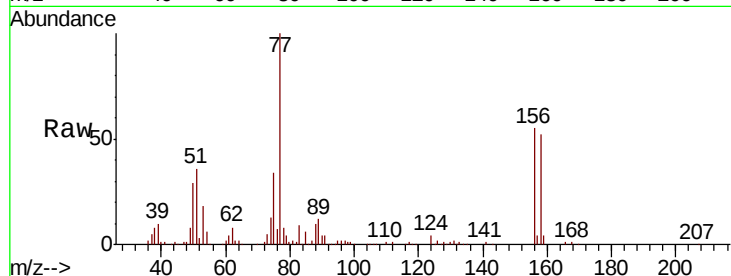
Tot Ion:156 Resp: 99532

Ion Ratio Lower Upper

156 100

77 225.5 119.7 359.1

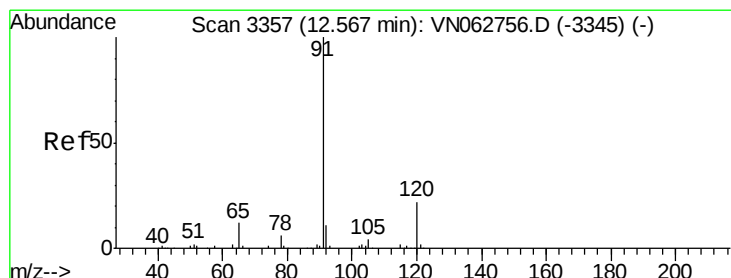
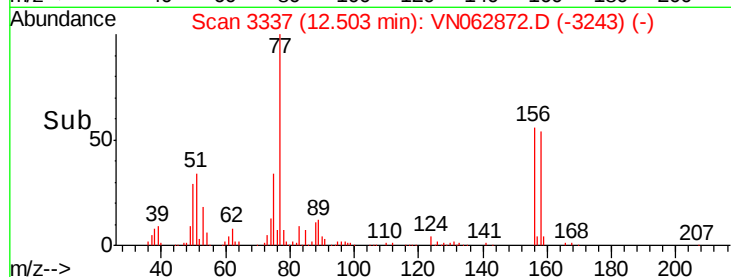
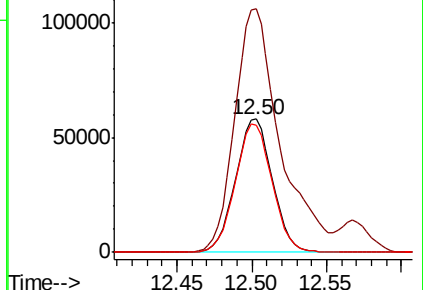
158 96.5 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.236 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062872.D

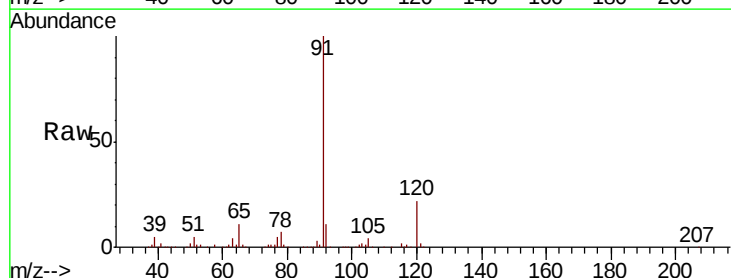
Acq: 12 Aug 2020 21:27

Tgt Ion: 91 Resp: 473452

Ion Ratio Lower Upper

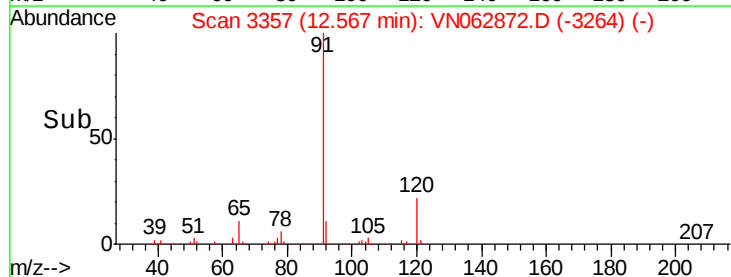
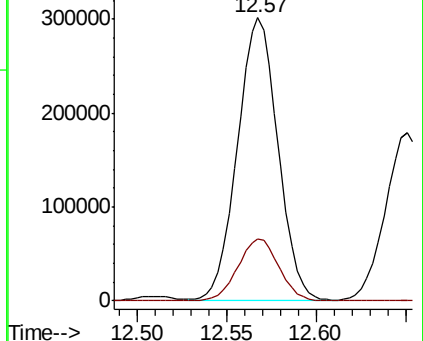
91 100

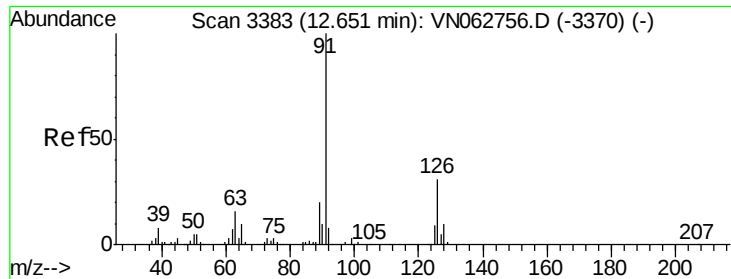
120 22.3 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 41.488 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

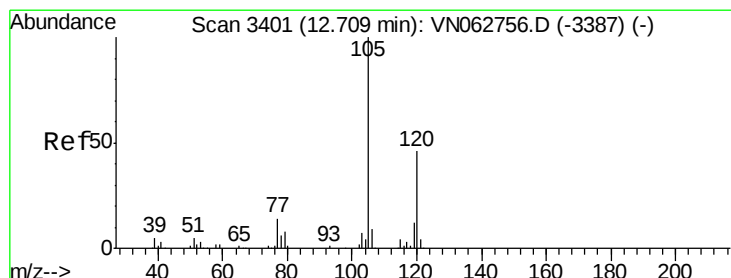
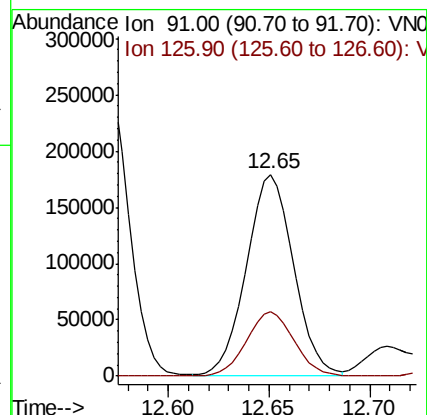
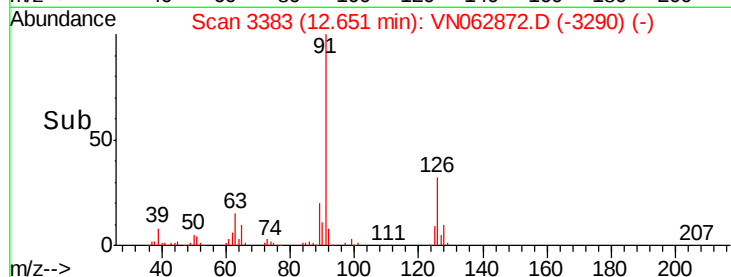
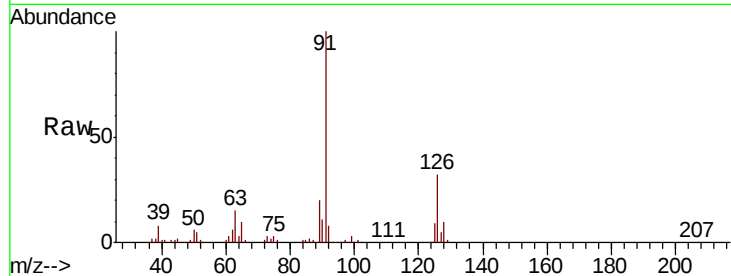
VSTDCCC050EC

Tot Ion: 91 Resp: 291645

Ion Ratio Lower Upper

91 100

126 32.5 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 44.584 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062872.D

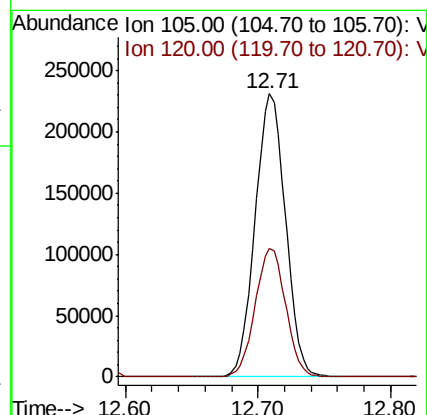
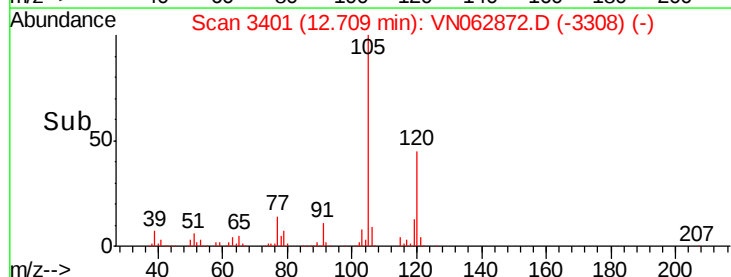
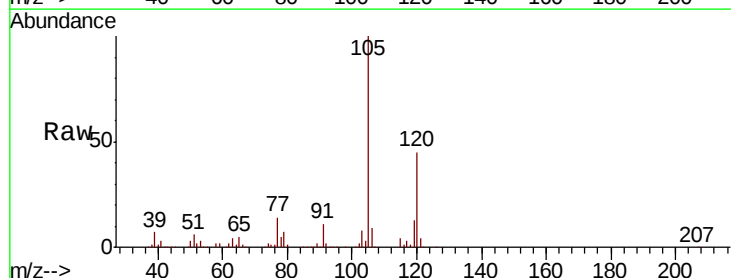
Acq: 12 Aug 2020 21:27

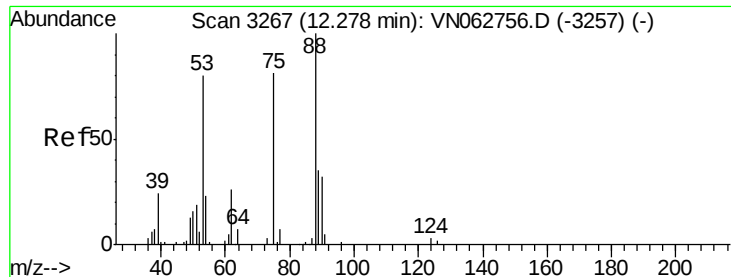
Tgt Ion: 105 Resp: 369369

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 38.849 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

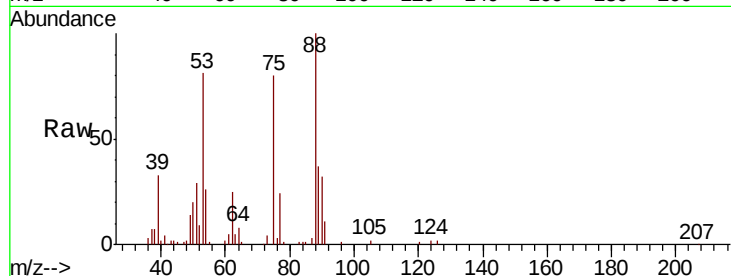
Tot Ion: 75 Resp: 43526

Ion Ratio Lower Upper

75 100

53 98.7 79.1 118.7

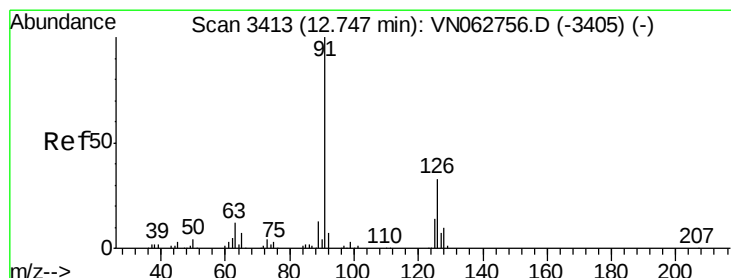
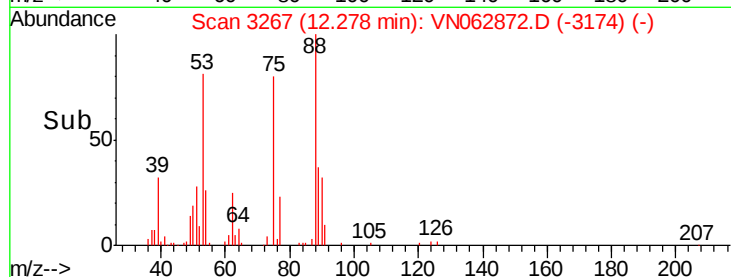
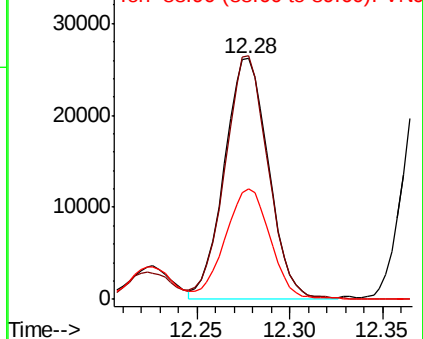
89 45.5 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 42.204 ug/l

RT: 12.75 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN062872.D

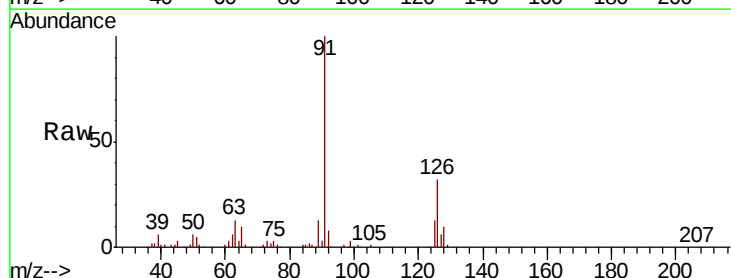
Acq: 12 Aug 2020 21:27

Tgt Ion: 91 Resp: 305732

Ion Ratio Lower Upper

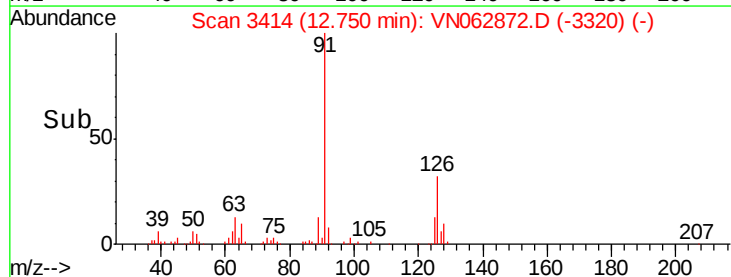
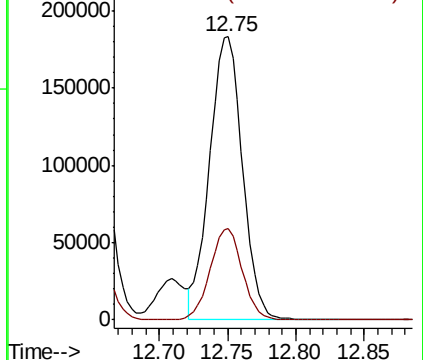
91 100

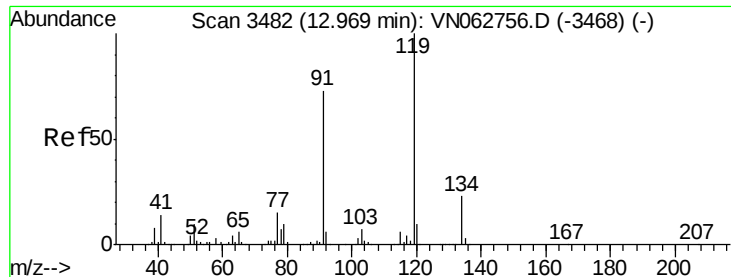
126 31.7 15.3 45.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

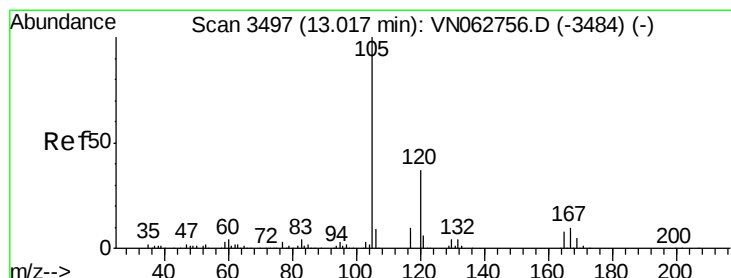
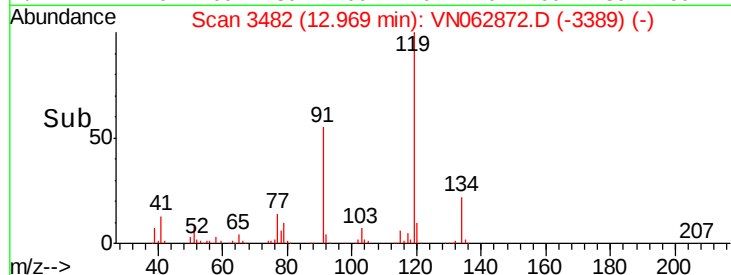
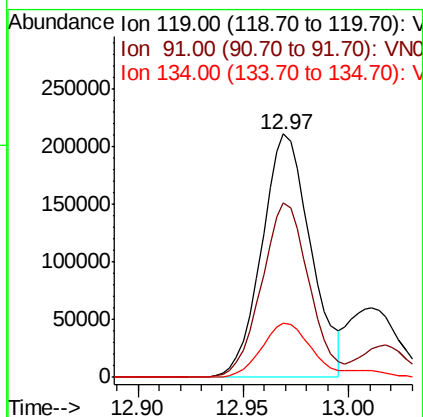
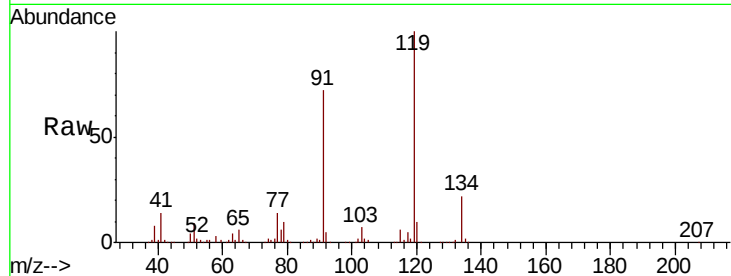




#83
tert-Butylbenzene
Concen: 48.532 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

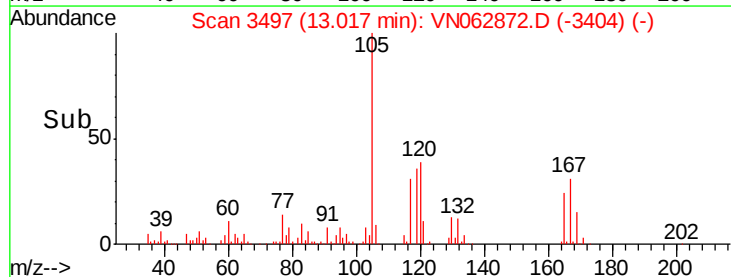
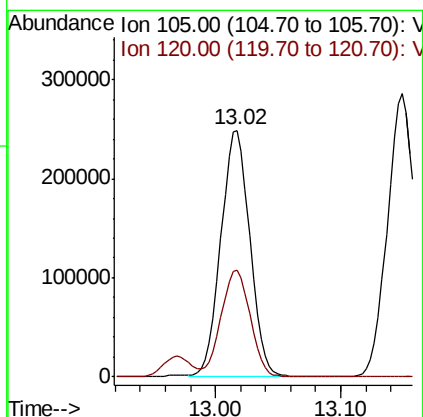
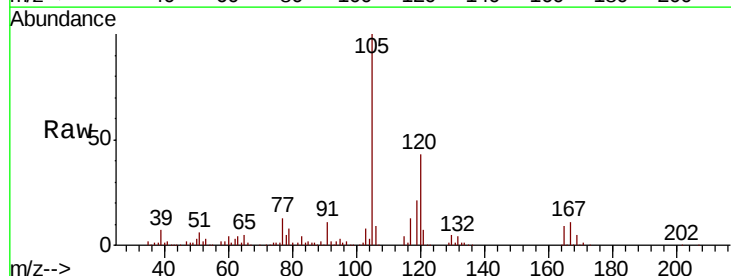
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

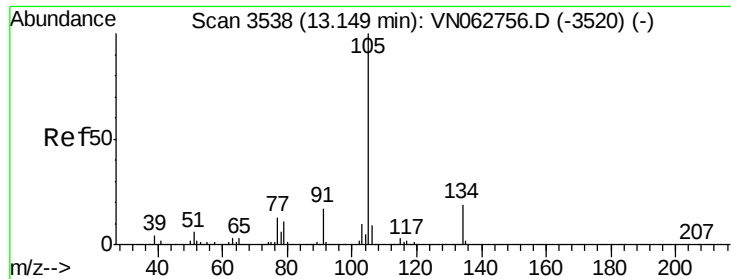
Tot Ion:119 Resp: 340226
Ion Ratio Lower Upper
119 100
91 69.7 36.5 109.5
134 22.8 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 50.178 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:105 Resp: 397701
Ion Ratio Lower Upper
105 100
120 43.7 21.4 64.2





#85

sec-Butylbenzene

Concen: 48.587 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

Instrument :

MSVOA_N

ClientSampleId :

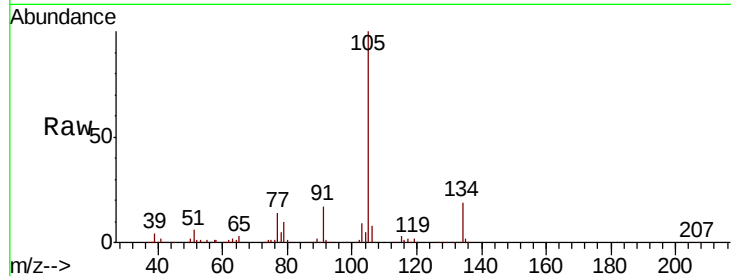
VSTDCCC050EC

Tot Ion:105 Resp: 447283

Ion Ratio Lower Upper

105 100

134 19.5 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

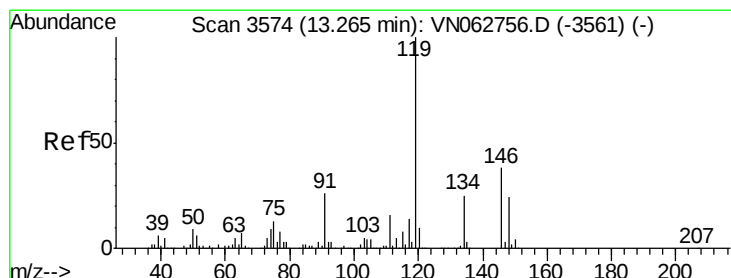
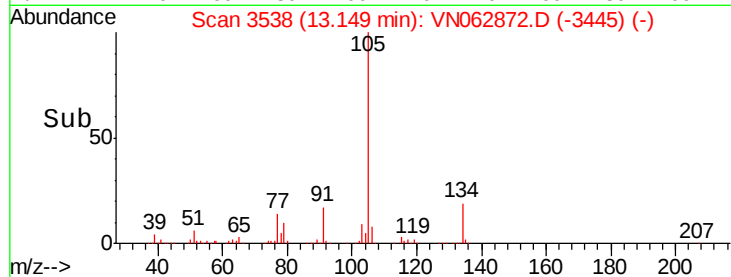
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.281 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062872.D

Acq: 12 Aug 2020 21:27

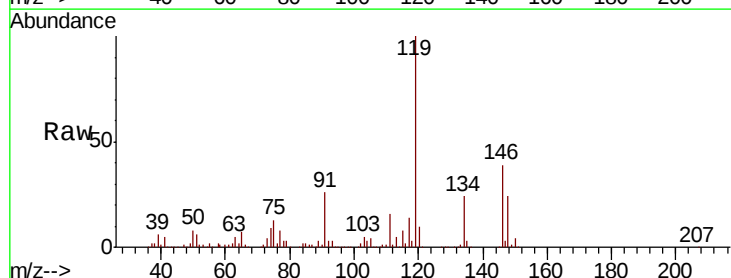
Tgt Ion:119 Resp: 402702

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 25.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

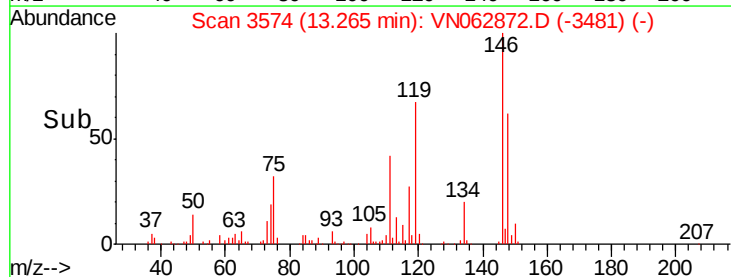
300000

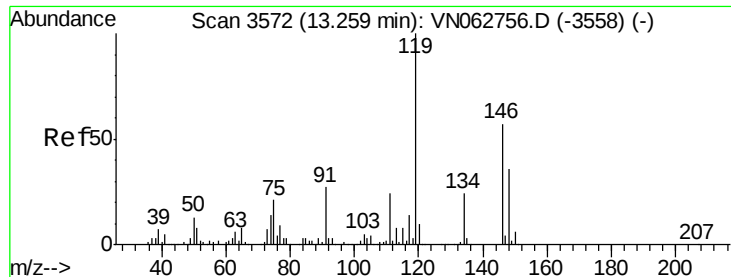
200000

100000

0

Time-->

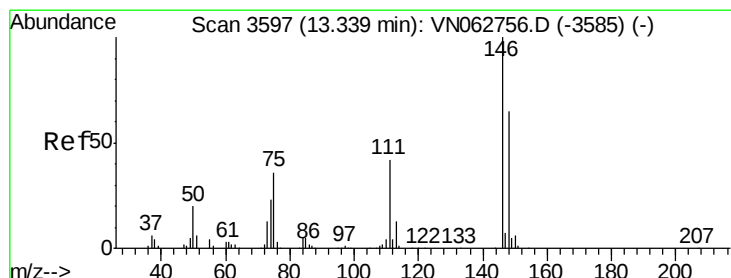
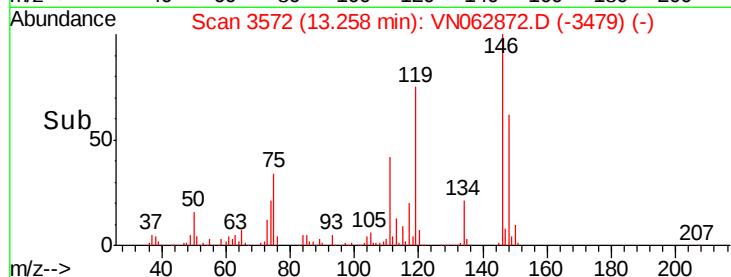
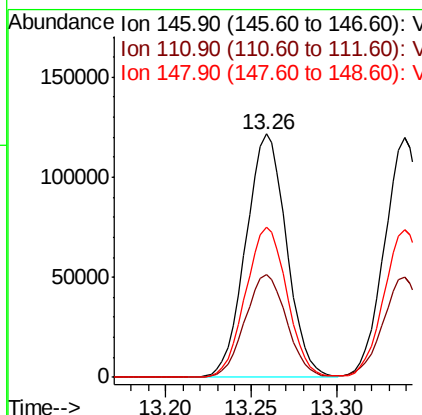
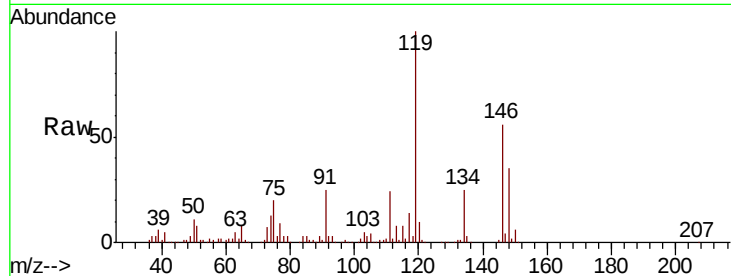




#87
 1,3-Dichlorobenzene
 Concen: 47.255 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

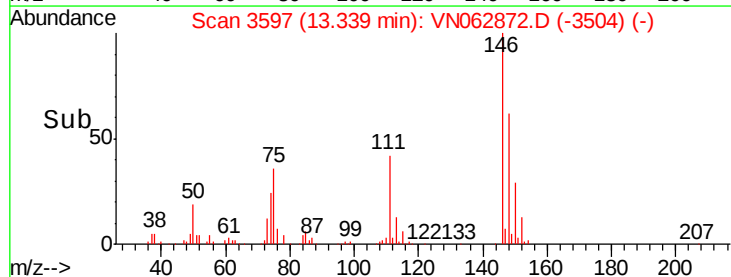
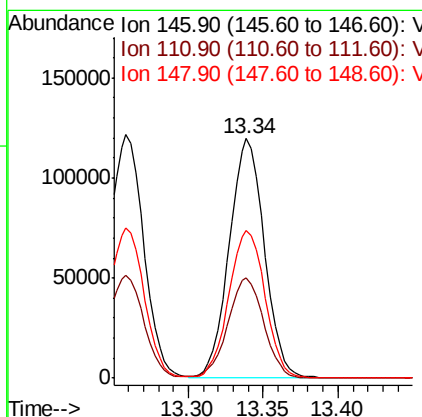
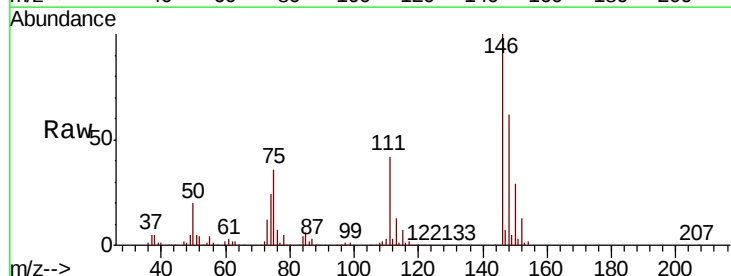
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

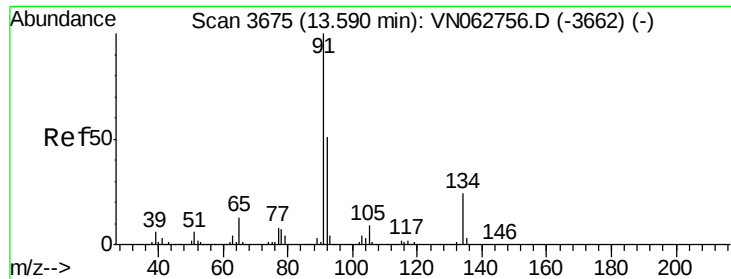
Tot Ion:146 Resp: 200309
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 62.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 45.875 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion:146 Resp: 195038
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.6
 148 63.7 32.6 97.8

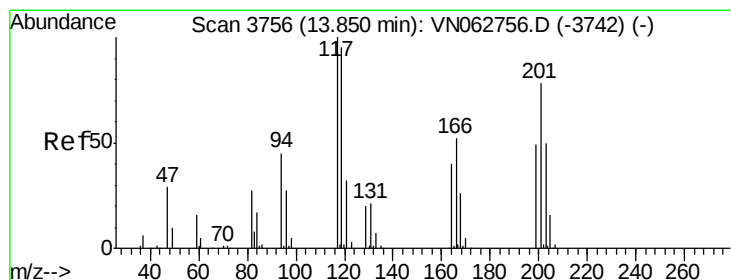
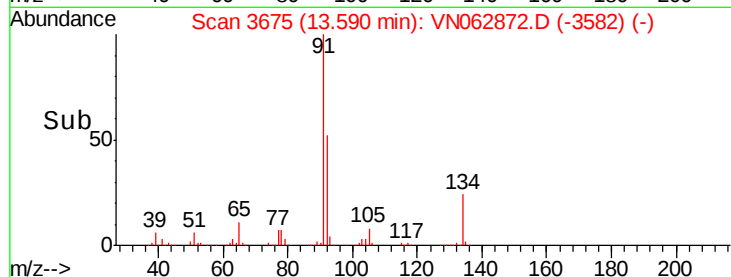
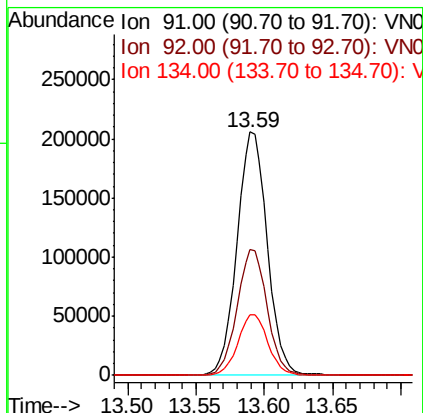
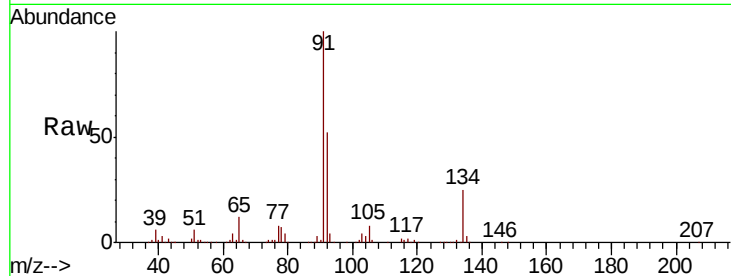




#89
n-Butylbenzene
Concen: 45.877 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

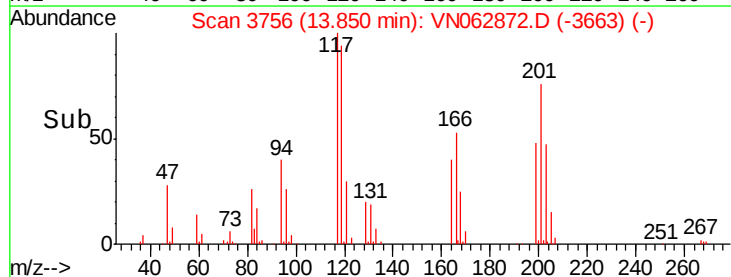
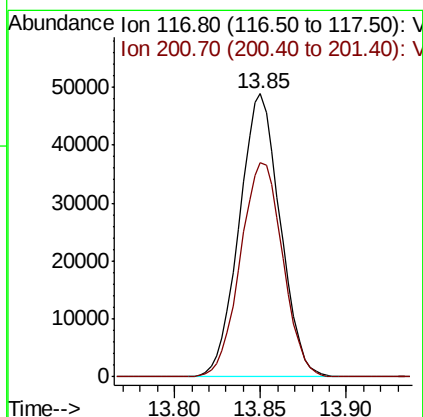
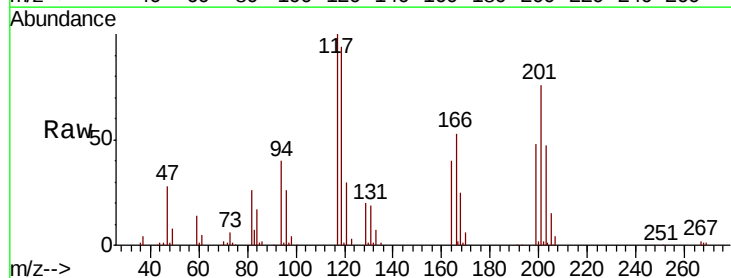
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 317059
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 24.8 12.2 36.6



#90
Hexachloroethane
Concen: 45.708 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion: 117 Resp: 80510
Ion Ratio Lower Upper
117 100
201 78.4 39.2 117.6

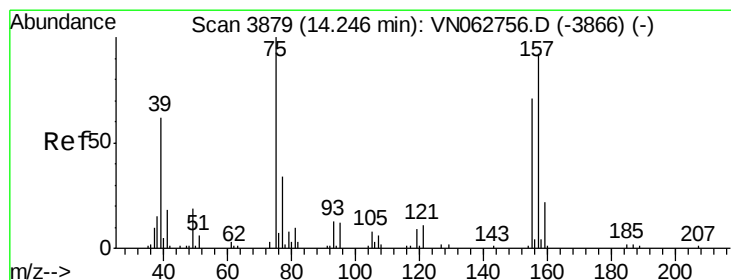
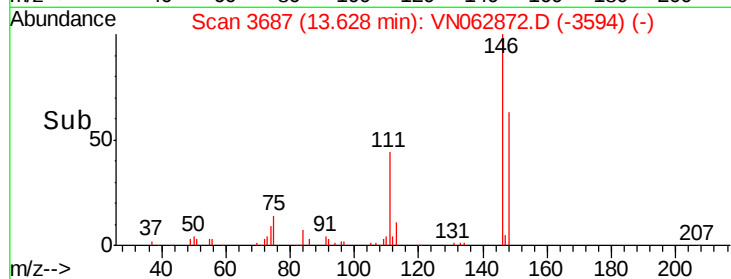
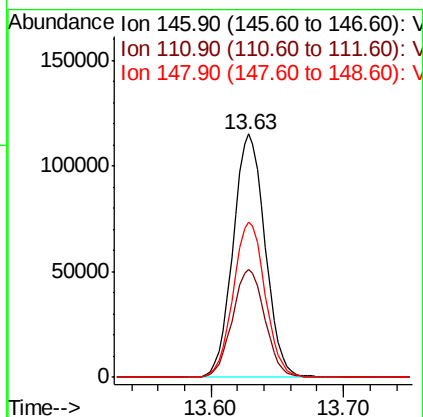
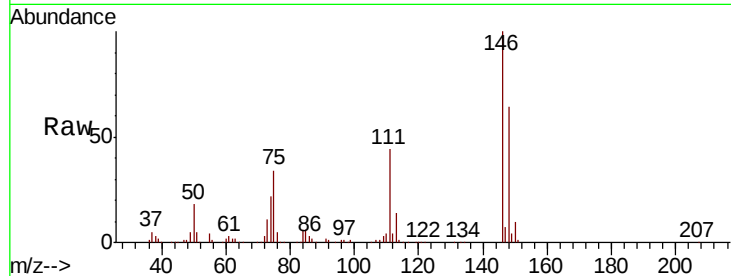




#91
 1,2-Dichlorobenzene
 Concen: 48.544 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

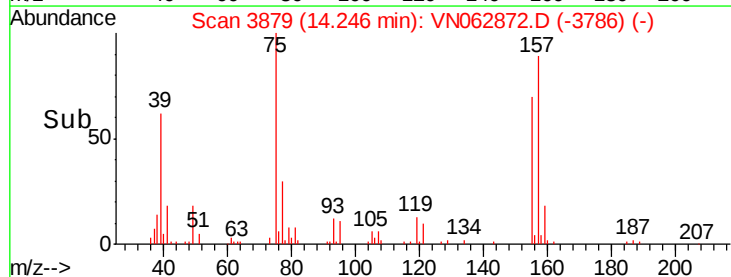
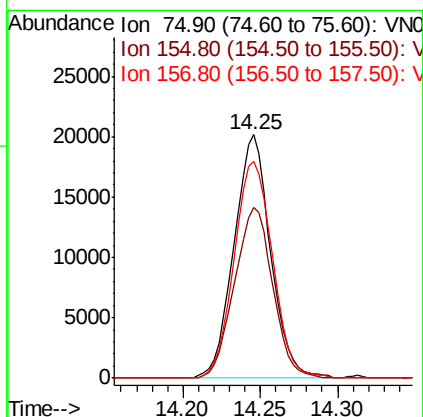
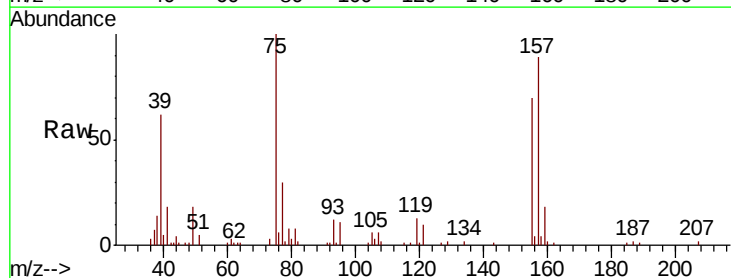
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

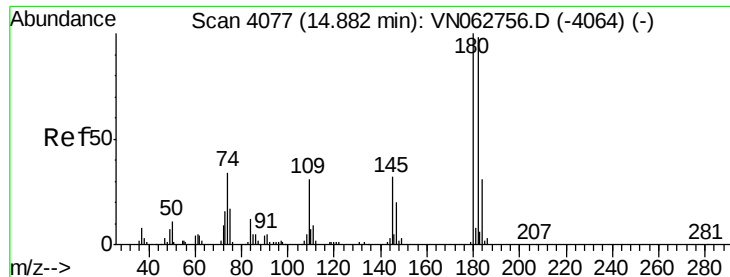
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.8	68.4
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.807 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.2	35.0	105.1
157	93.7	43.2	129.6

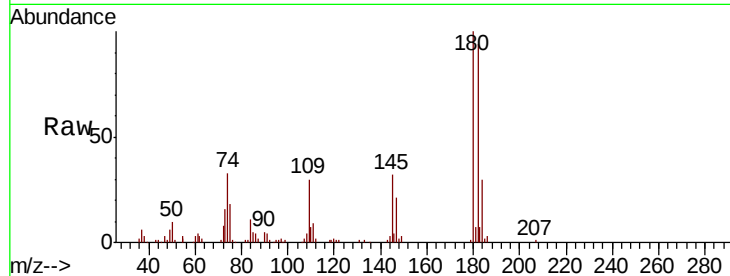




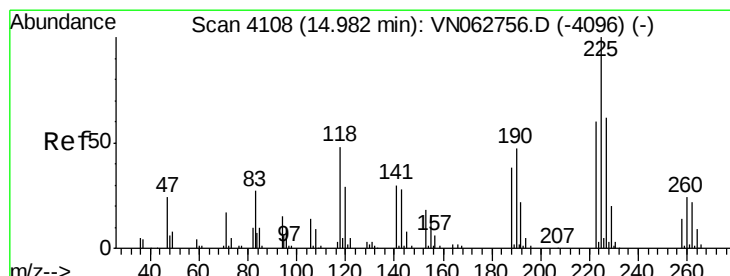
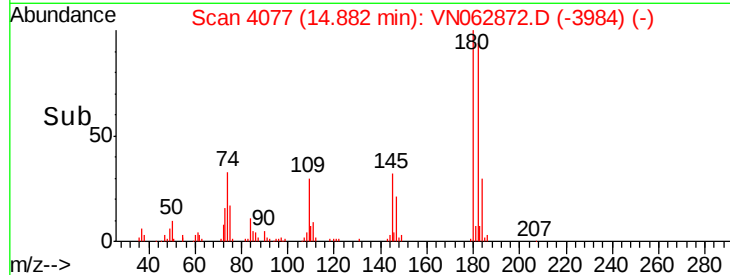
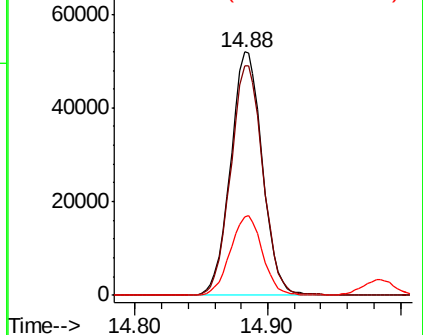
#93
 1,2,4-Trichlorobenzene
 Concen: 41.092 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 86349
 Ion Ratio Lower Upper
 180 100
 182 95.4 49.1 147.4
 145 32.9 16.3 48.8

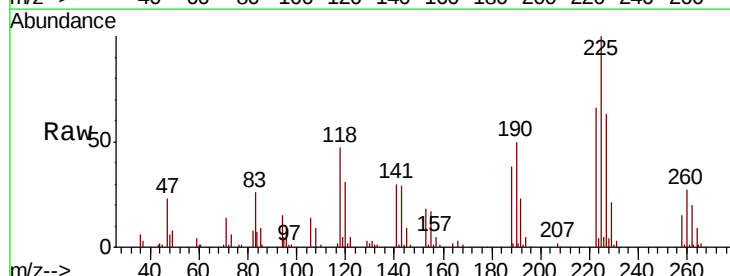


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

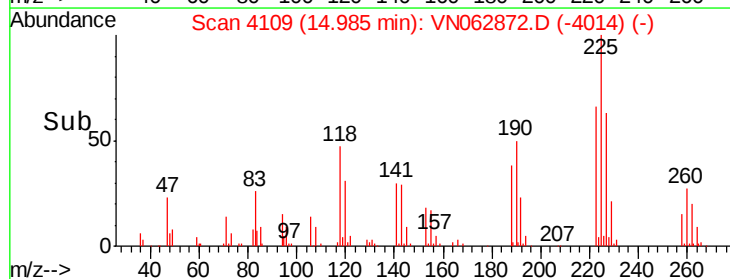
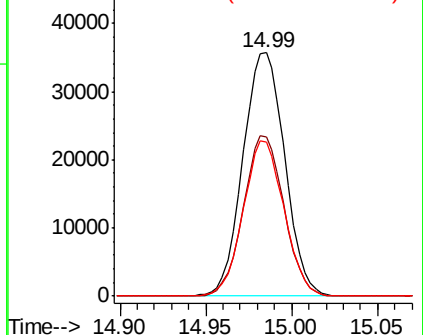


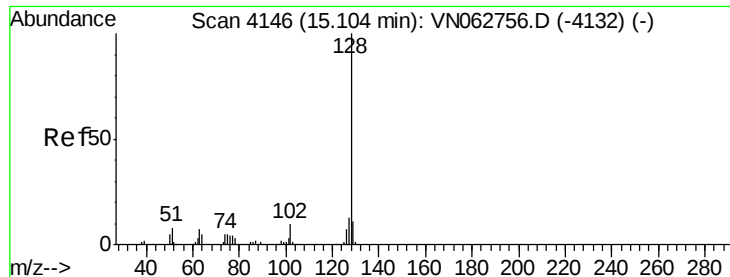
#94
 Hexachlorobutadiene
 Concen: 48.177 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062872.D
 Acq: 12 Aug 2020 21:27

Tgt Ion:225 Resp: 60332
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.6 92.0
 227 61.9 31.6 95.0



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

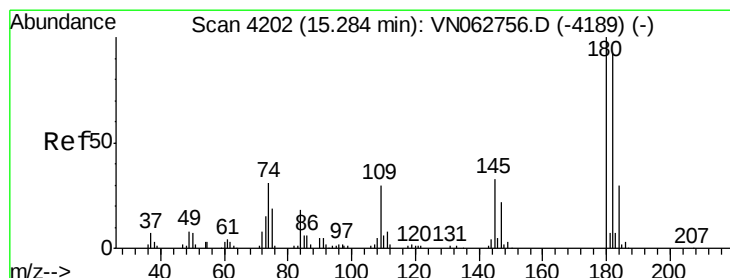
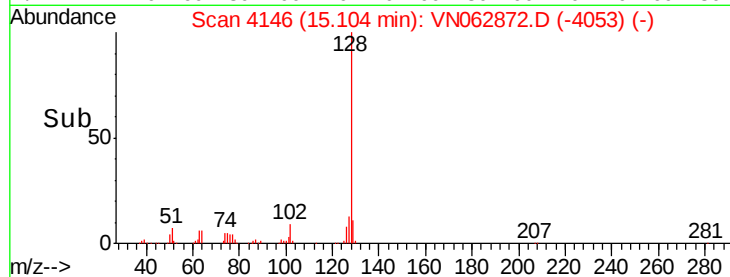
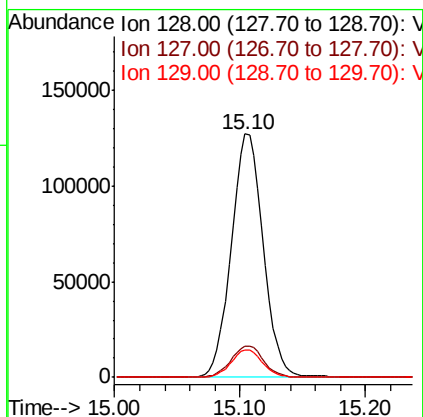
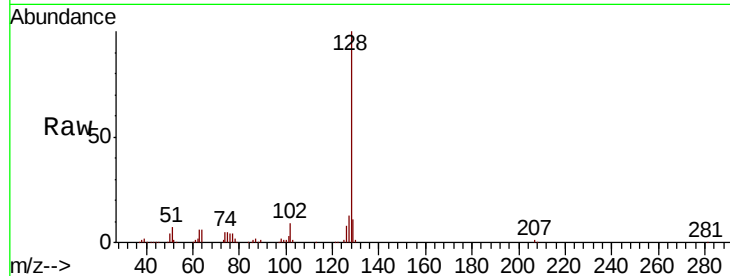




#95
Naphthalene
Concen: 39.426 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 224918
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 42.934 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062872.D
Acq: 12 Aug 2020 21:27

Tgt Ion:180 Resp: 89452
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.6
145 33.2 17.3 51.7

