

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015263.D
 Acq On : 30 Mar 2020 09:45
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 10:15:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 10:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	631254	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	620570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	288713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	242176	80.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	224071	72.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	465242	66.67	ug/L	0.00
21) 2-Butanone-d5	3.94	46	331131	109.79	ug/L	0.00
24) Chloroform-d	4.38	84	420940	60.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	281871	61.97	ug/L	0.00
32) Benzene-d6	5.08	84	846148	70.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	262339	60.94	ug/L	0.00
41) Toluene-d8	7.34	98	827894	75.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	142872	61.97	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	251234	107.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	381335	52.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	290592	57.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	107234	25.211	ug/L 100
3) Chloromethane	1.25	50	129137	26.314	ug/L 100
5) Vinyl chloride	1.32	62	133987	26.563	ug/L 100
6) Bromomethane	1.53	94	85440	26.259	ug/L 100
8) Chloroethane	1.60	64	88467	27.049	ug/L 100
9) Trichlorofluoromethane	1.77	101	222562	27.489	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	119798	28.000	ug/L 100
12) 1,1-Dichloroethene	2.13	96	114653	26.945	ug/L 100
13) Acetone	2.22	43	95198	59.299	ug/L 100
14) Carbon disulfide	2.31	76	279980	26.485	ug/L 100
15) Methyl Acetate	2.46	43	109940	28.340	ug/L 100
16) Methylene chloride	2.53	84	109678	26.348	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	96129	26.271	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	330836	26.482	ug/L 100
19) 1,1-Dichloroethane	3.21	63	181331	26.471	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	109728	25.057	ug/L 100
22) 2-Butanone	4.03	43	124171	47.835	ug/L 88
23) Bromochloromethane	4.28	128	54757	26.348	ug/L 100
25) Chloroform	4.41	83	200456	27.309	ug/L 100
27) 1,2-Dichloroethane	5.16	62	150654	26.863	ug/L 100
29) Cyclohexane	4.70	56	164493	27.024	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	175138	26.198	ug/L 100
31) Carbon tetrachloride	4.86	117	147561	26.255	ug/L 100
33) Benzene	5.13	78	408308	26.107	ug/L 100
34) Trichloroethene	5.94	95	105618	25.154	ug/L 100
35) Methylcyclohexane	6.15	83	177067	27.705	ug/L 100
37) 1,2-Dichloropropane	6.20	63	104773	26.685	ug/L 100
38) Bromodichloromethane	6.53	83	148256	25.613	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	178161	26.977	ug/L 100
40) 4-Methyl-2-pentanone	7.26	43	308799	53.398	ug/L 100

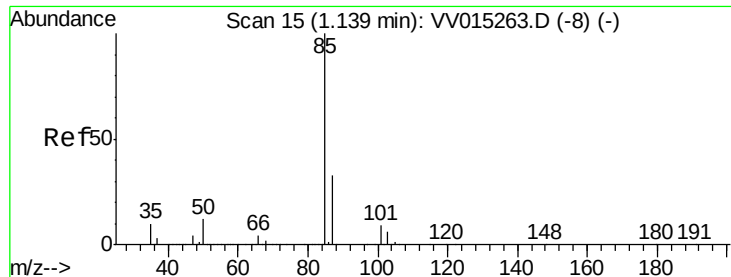
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
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 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 10:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	460221	26.635	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	176110	27.695	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	105046	26.470	ug/L	100
46) Tetrachloroethene	8.00	164	70595	26.189	ug/L	100
48) 2-Hexanone	8.17	43	250861	56.479	ug/L	100
49) Dibromochloromethane	8.27	129	112698	26.308	ug/L	100
50) 1,2-Dibromoethane	8.38	107	114907	27.140	ug/L	100
51) Chlorobenzene	8.90	112	294672	26.151	ug/L	100
52) Ethylbenzene	9.04	91	516997	26.495	ug/L	100
53) m,p-Xylene	9.16	106	198511	26.437	ug/L	100
54) o-xylene	9.57	106	202473	26.980	ug/L	100
55) Styrene	9.58	104	340876	27.021	ug/L	100
56) Isopropylbenzene	9.95	105	519605	27.114	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	177014	27.057	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	144701	27.064	ug/L	100
61) Bromoform	9.75	173	70559	25.952	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	214175	26.495	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	214088	26.370	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	223502	26.798	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	47486	27.337	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	133966	26.182	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	125846	26.453	ug/L	100
69) Naphthalene	13.53	128	513109	26.671	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	130020	26.597	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 25.211 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

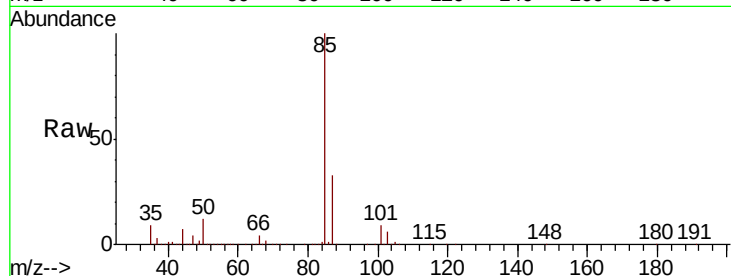
ClientSampleId :

Tot Ion: 85 Resp: 107234

Ion Ratio Lower Upper

85 100

87 32.4 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VV015263.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV015263.D (-8) (-)

1.14

120000

100000

80000

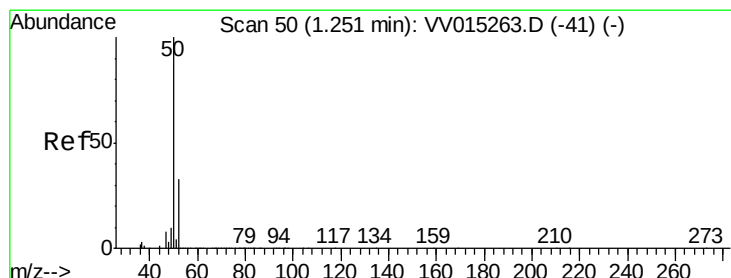
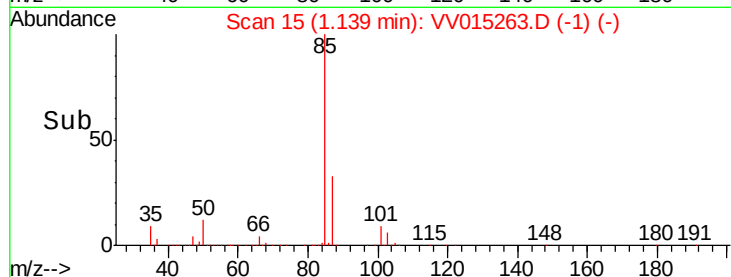
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 26.314 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV015263.D

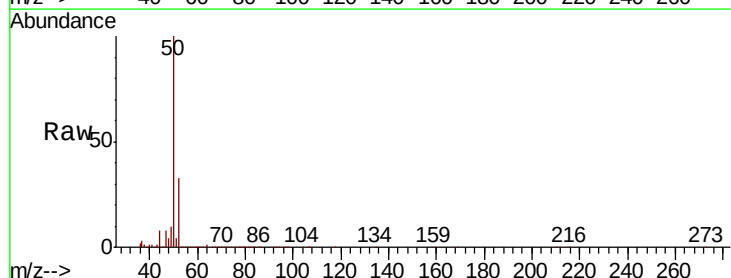
Acq: 30 Mar 2020 09:45

Tgt Ion: 50 Resp: 129137

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.8



Abundance Ion 50.00 (49.70 to 50.70): VV015263.D (-41) (-)

Ion 52.00 (51.70 to 52.70): VV015263.D (-41) (-)

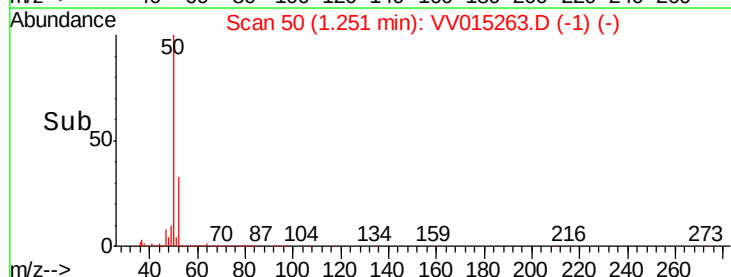
1.25

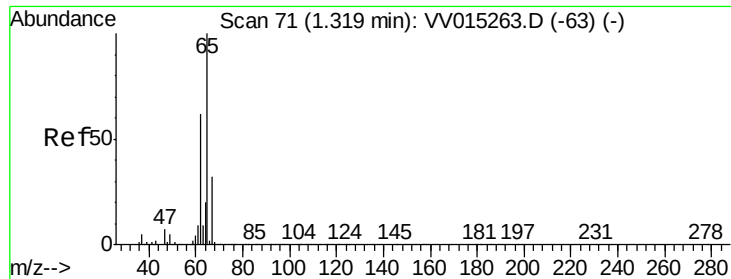
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 26.563 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

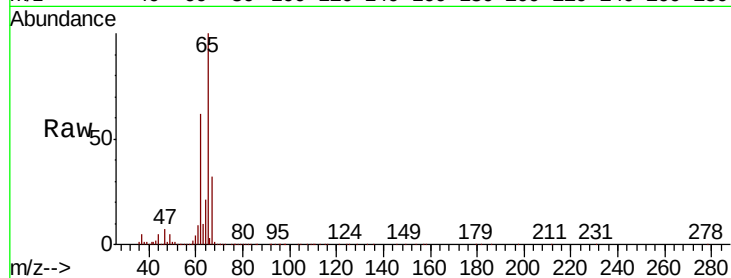
ClientSampled :

Tot Ion: 62 Resp: 133987

Ion Ratio Lower Upper

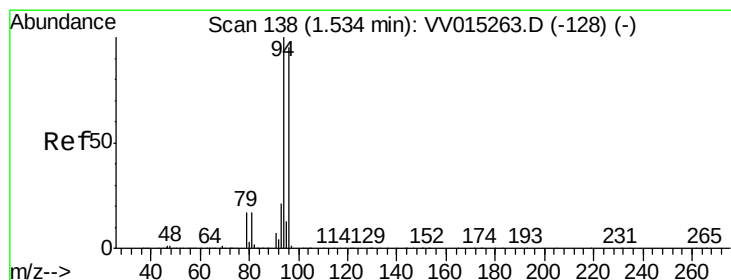
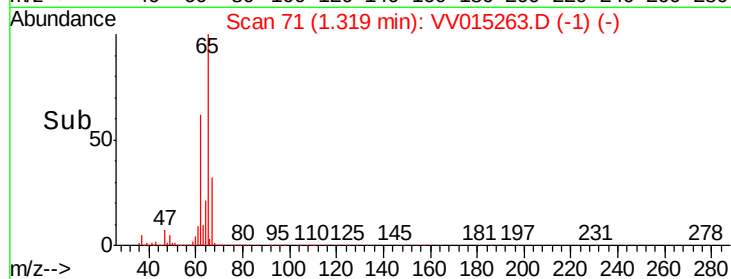
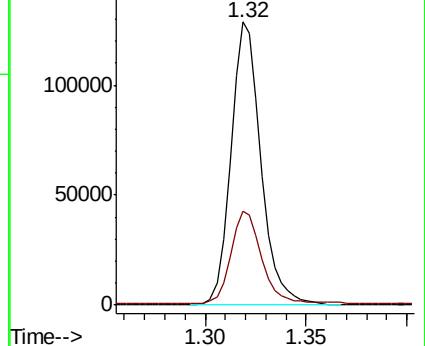
62 100

64 33.2 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 26.259 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV015263.D

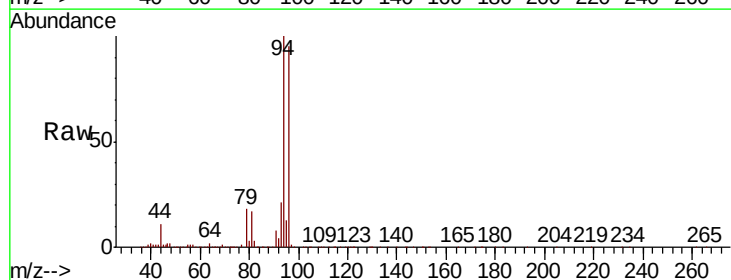
Acq: 30 Mar 2020 09:45

Tgt Ion: 94 Resp: 85440

Ion Ratio Lower Upper

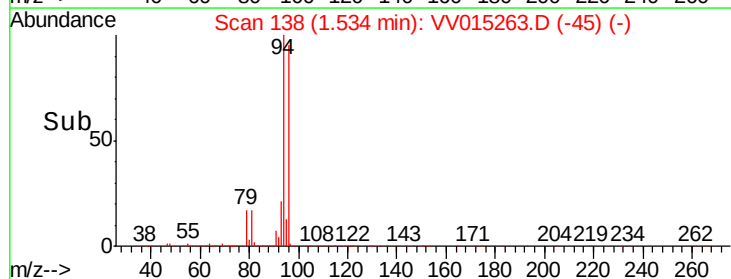
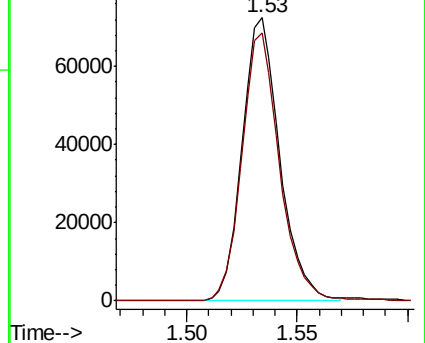
94 100

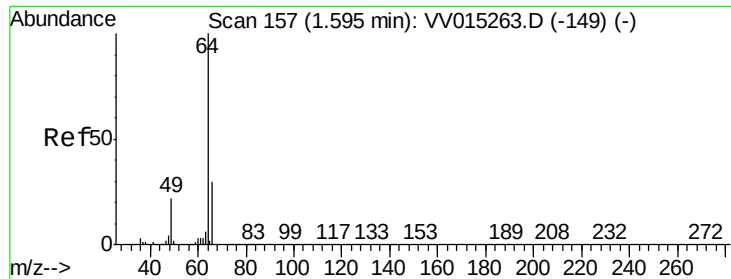
96 94.6 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

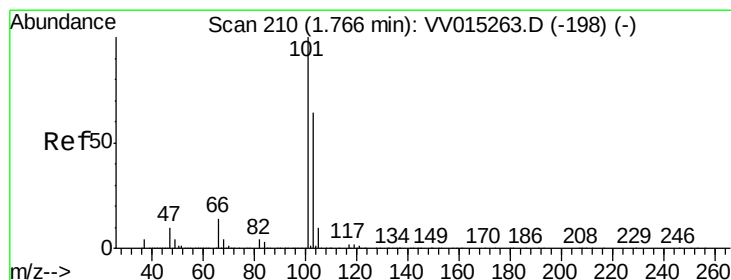
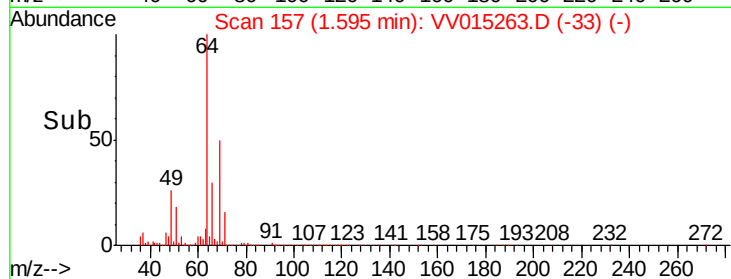
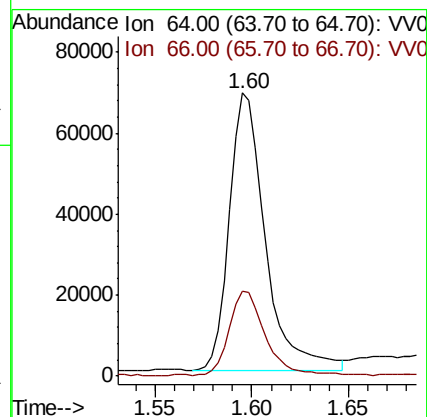
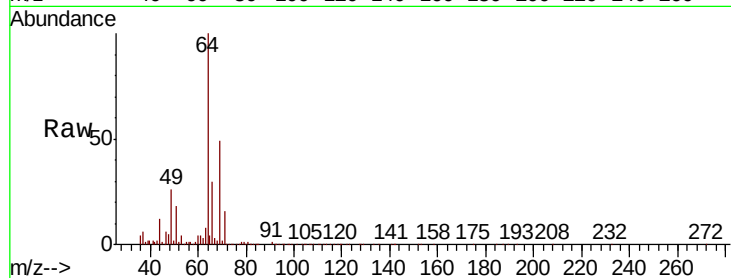




#8
Chloroethane
Concen: 27.049 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

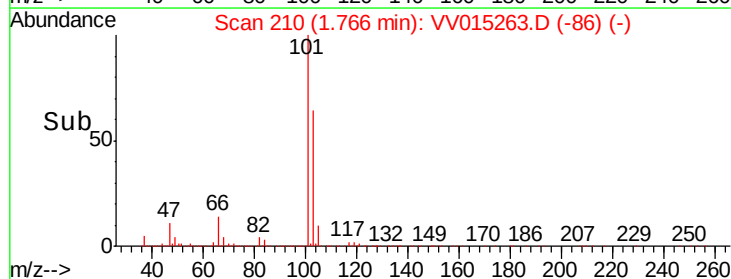
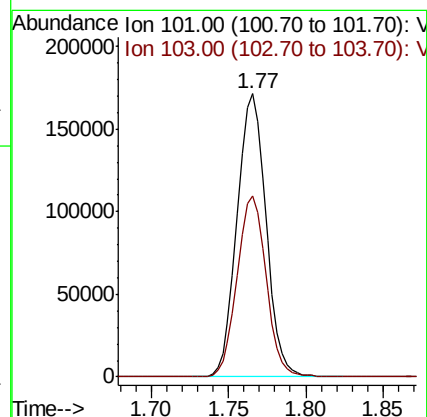
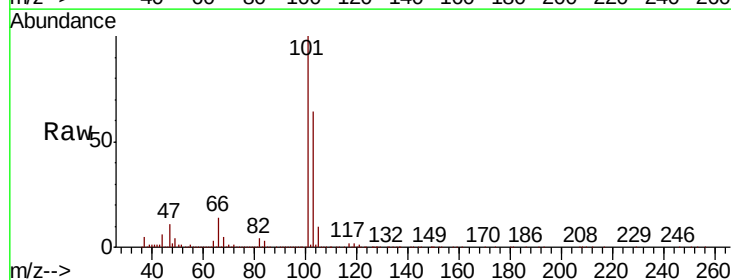
Instrument :
MSVOA_V
ClientSampleId :

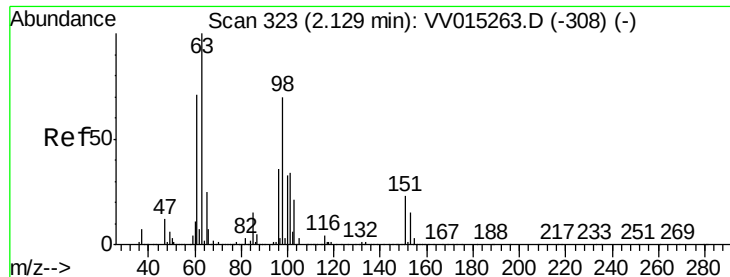
Tot Ion: 64 Resp: 88467
Ion Ratio Lower Upper
64 100
66 30.2 21.1 39.3



#9
Trichlorofluoromethane
Concen: 27.489 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

Tgt Ion: 101 Resp: 222562
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 28.000 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampleId :

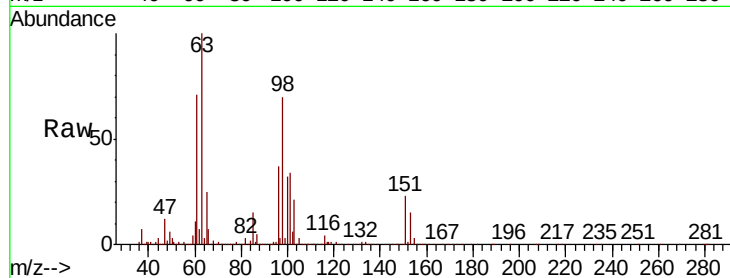
Tot Ion:101 Resp: 119798

Ion Ratio Lower Upper

101 100

85 44.2 35.4 53.0

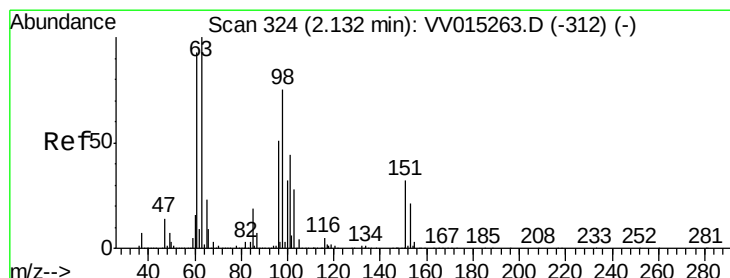
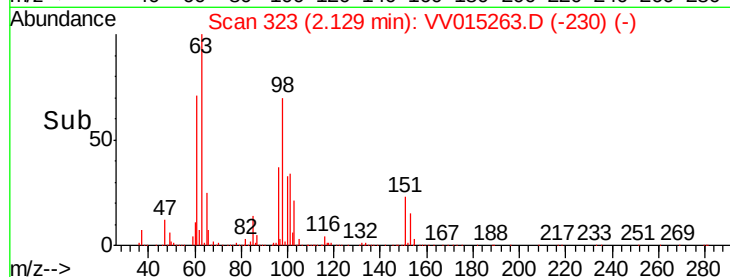
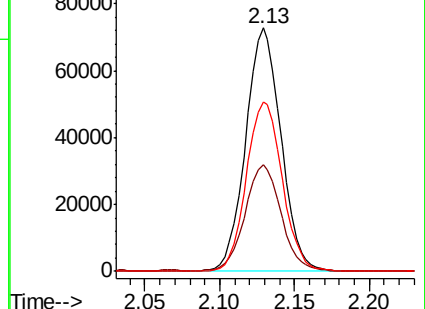
151 70.7 56.6 84.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 26.945 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

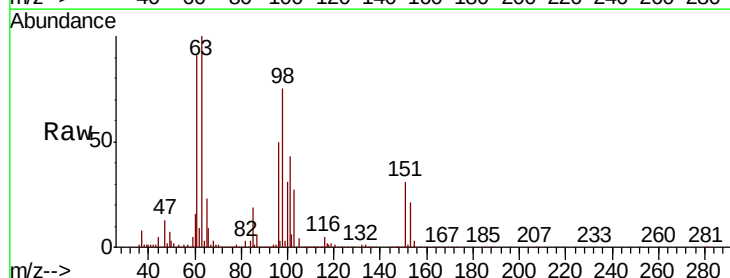
Tgt Ion: 96 Resp: 114653

Ion Ratio Lower Upper

96 100

61 183.2 128.2 238.2

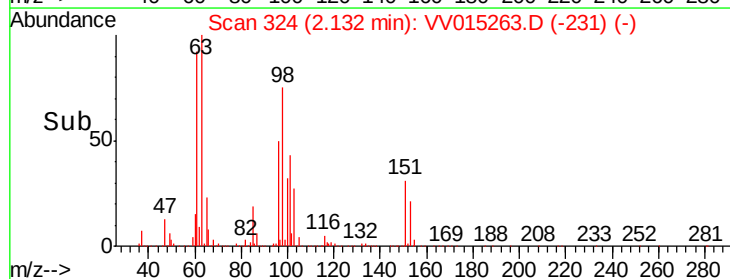
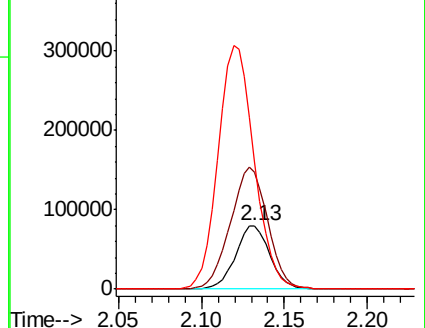
63 200.4 140.3 260.5

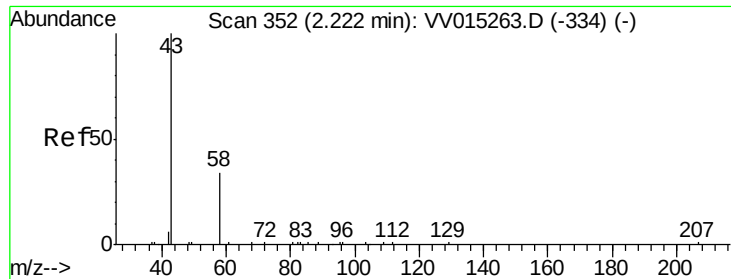


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 59.299 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

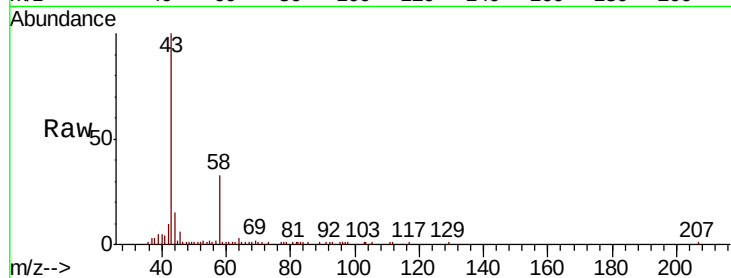
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 95198

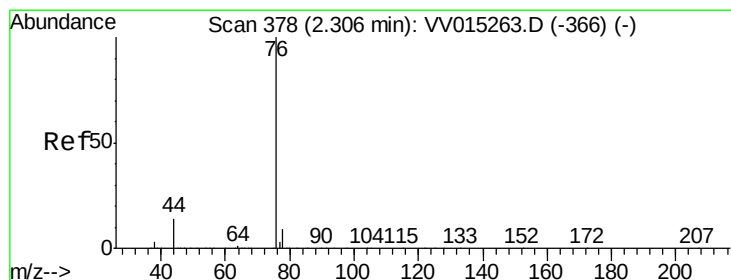
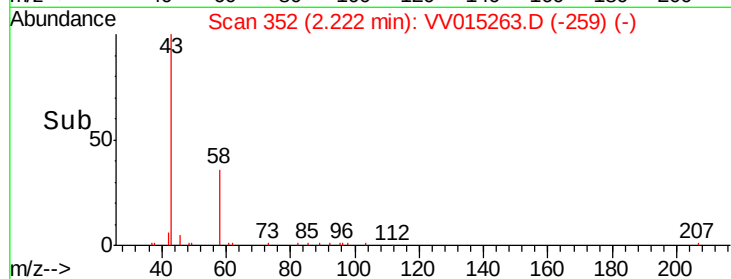
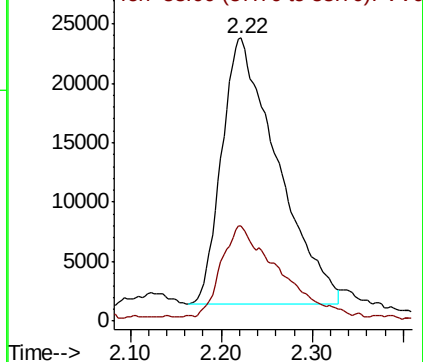
Ion Ratio Lower Upper

43 100

58 18.9 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 26.485 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015263.D

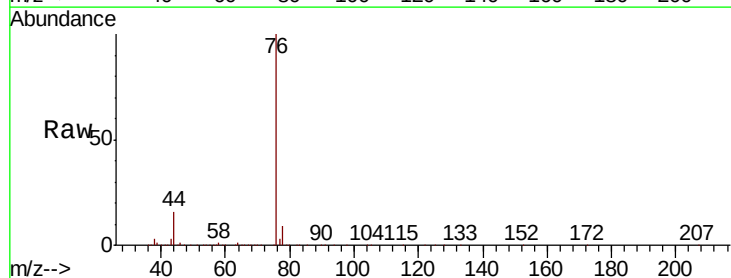
Acq: 30 Mar 2020 09:45

Tgt Ion: 76 Resp: 279980

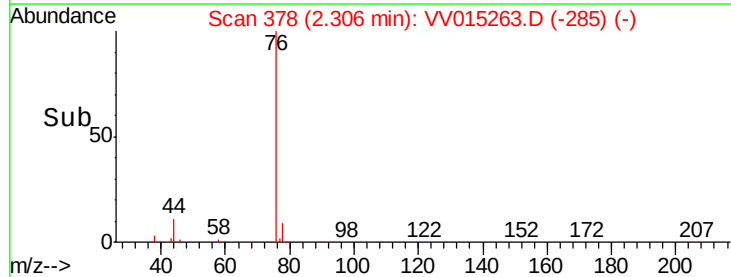
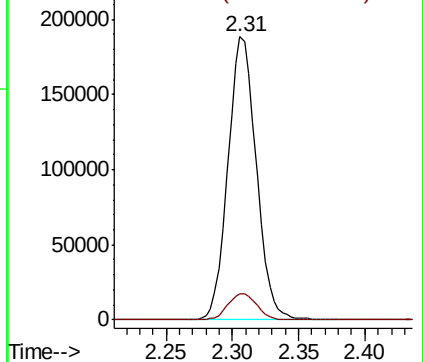
Ion Ratio Lower Upper

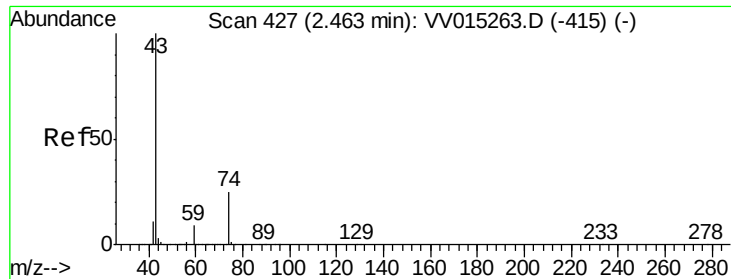
76 100

78 9.3 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV0
Ion 78.00 (77.70 to 78.70): VV0

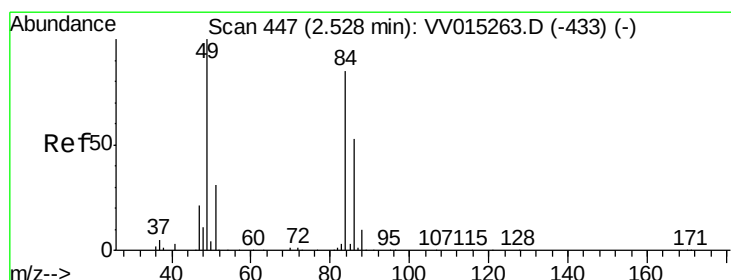
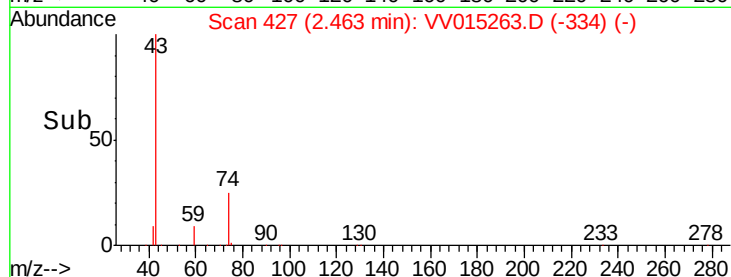
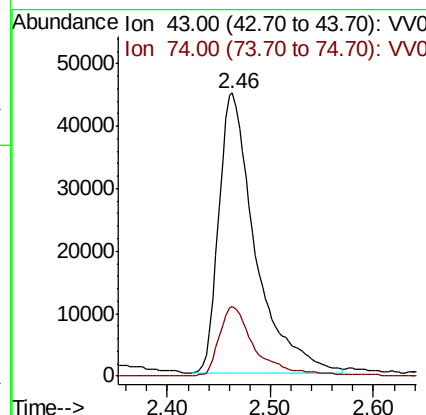
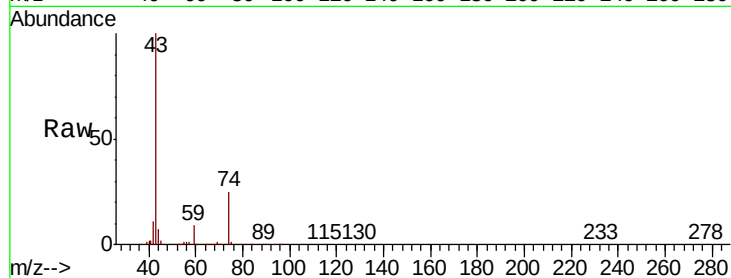




#15
Methvl Acetate
Concen: 28.340 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

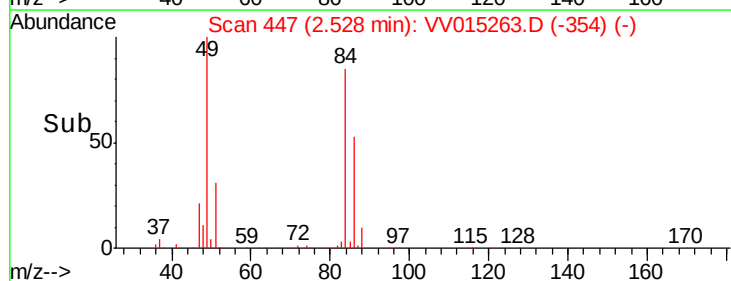
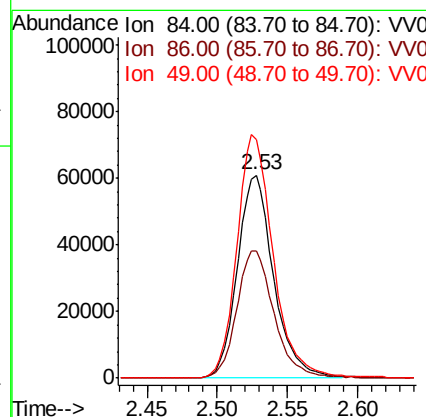
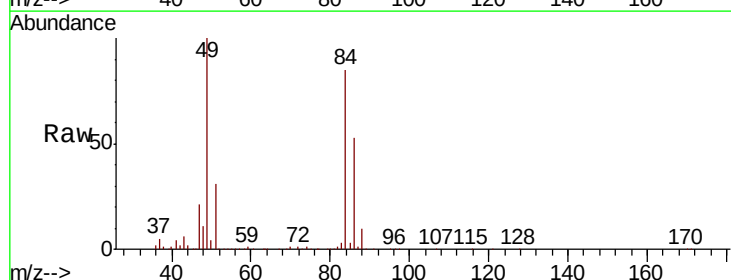
Instrument :
MSVOA_V
ClientSampled :

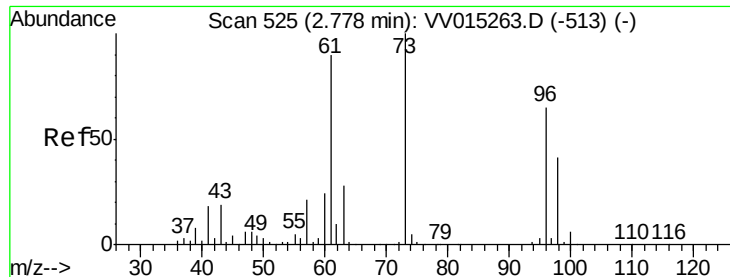
Tot Ion: 43 Resp: 109940
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1



#16
Methylene chloride
Concen: 26.348 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

Tgt Ion: 84 Resp: 109678
Ion Ratio Lower Upper
84 100
86 62.7 43.9 81.5
49 117.7 82.4 153.0





#17

trans-1,2-Dichloroethene

Concen: 26.271 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampled :

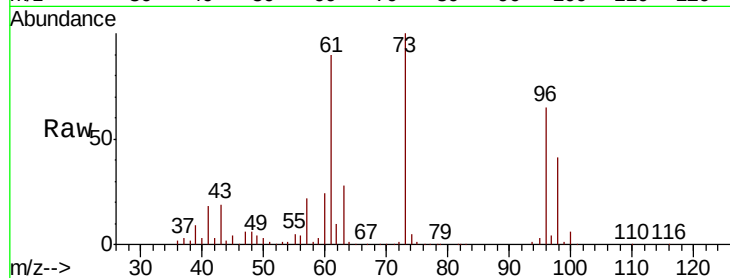
Tot Ion: 96 Resp: 96129

Ion Ratio Lower Upper

96 100

61 139.4 97.6 181.2

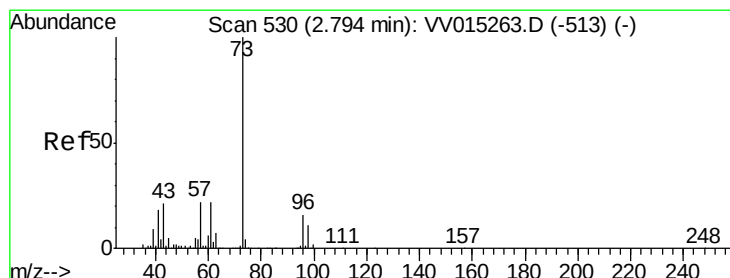
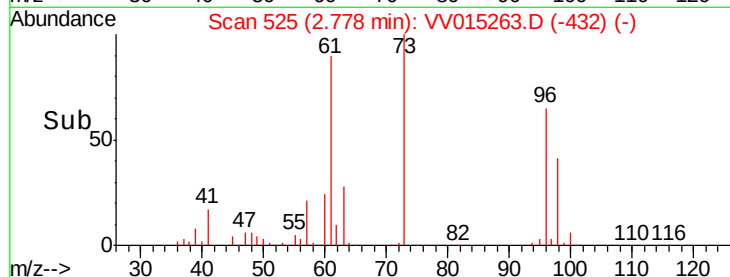
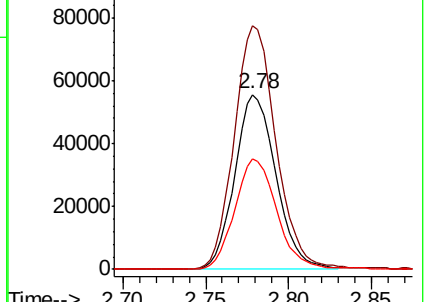
98 63.6 44.5 82.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 26.482 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

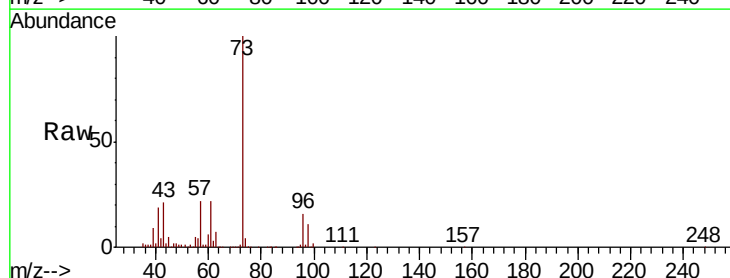
Tgt Ion: 73 Resp: 330836

Ion Ratio Lower Upper

73 100

43 19.9 15.9 23.9

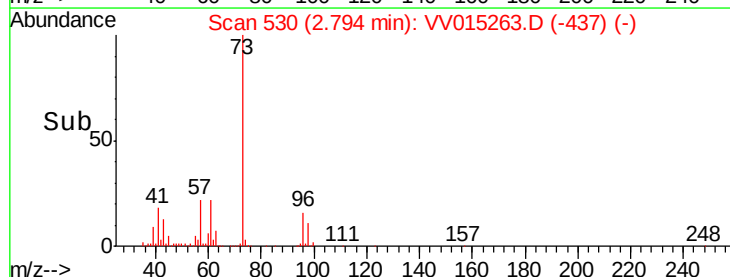
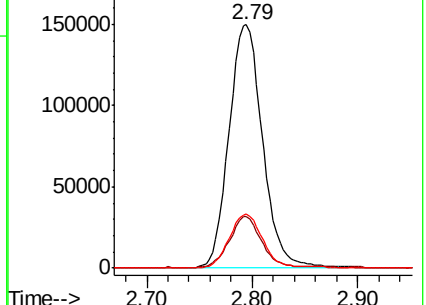
57 21.8 17.4 26.2

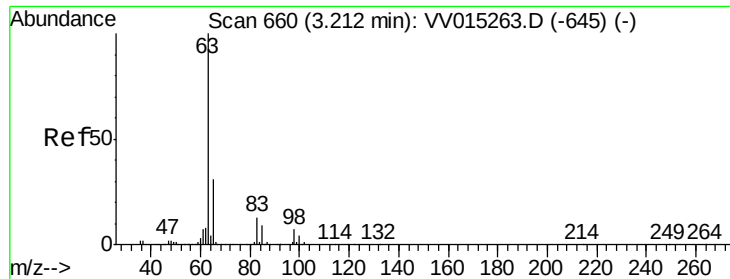


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

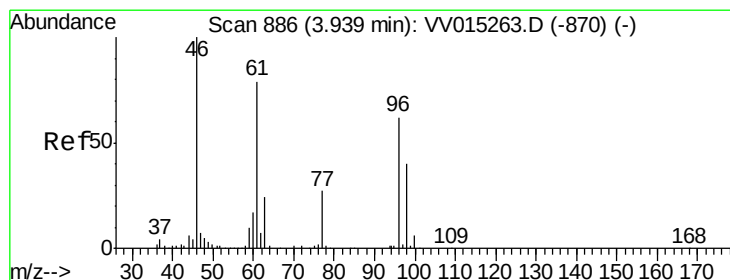
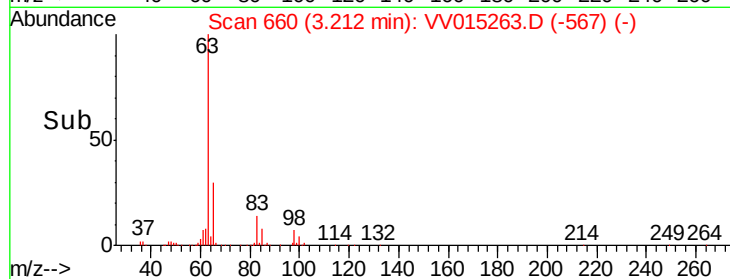
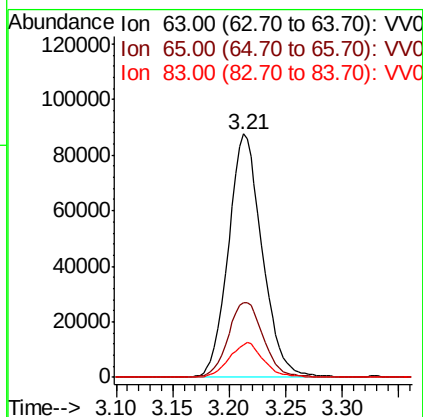
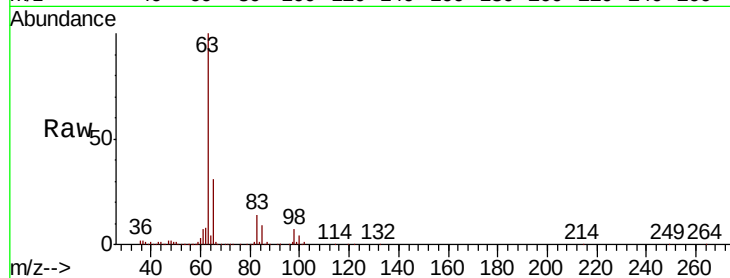




#19
 1,1-Dichloroethane
 Concen: 26.471 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

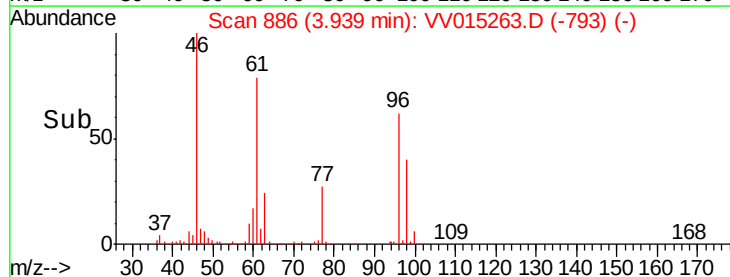
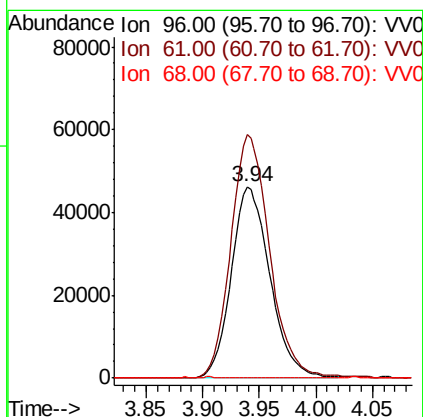
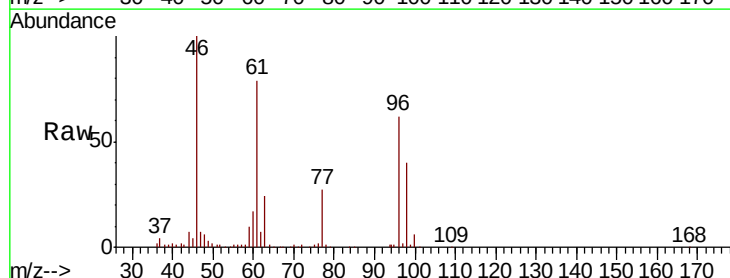
Instrument :
 MSVOA_V
 ClientSampled :

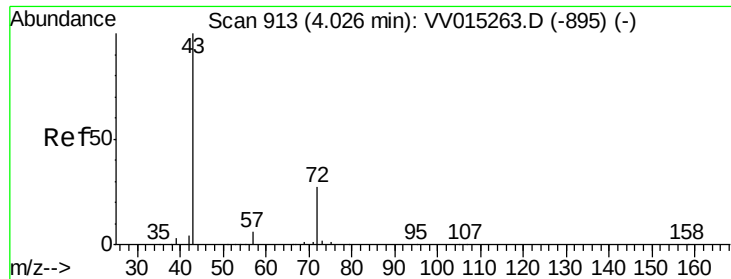
Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.5	39.9
83	13.5	9.4	17.6



#20
 cis-1,2-Dichloroethene
 Concen: 25.057 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.3	89.1	165.5
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 47.835 ug/L

RT: 4.03 min Scan# 913

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

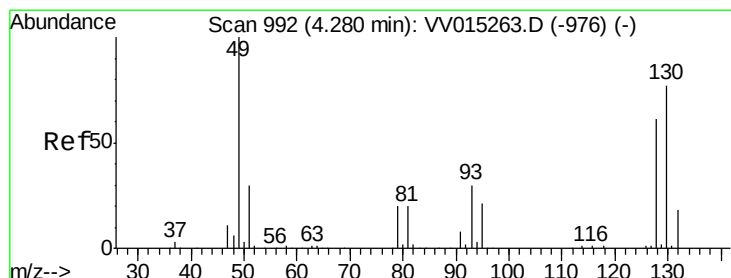
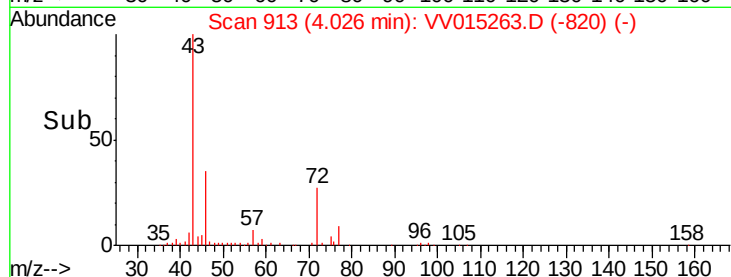
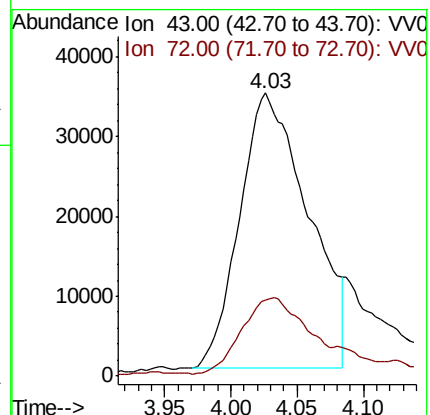
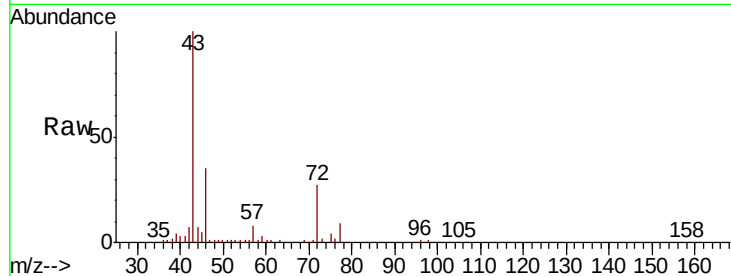
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 124171

Ion Ratio Lower Upper

43 100

72 26.3 10.3 30.9



#23

Bromochloromethane

Concen: 26.348 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Tgt Ion: 128 Resp: 54757

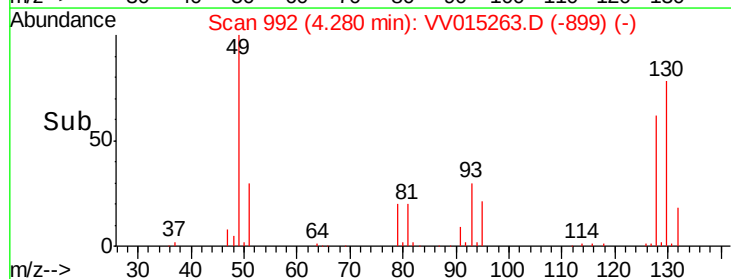
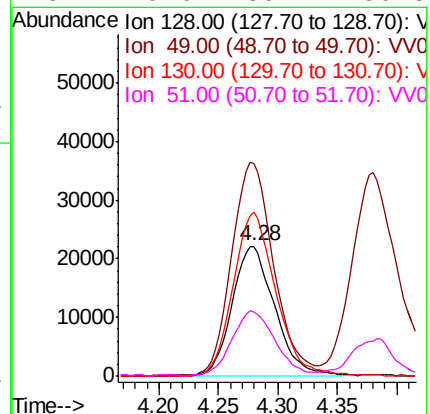
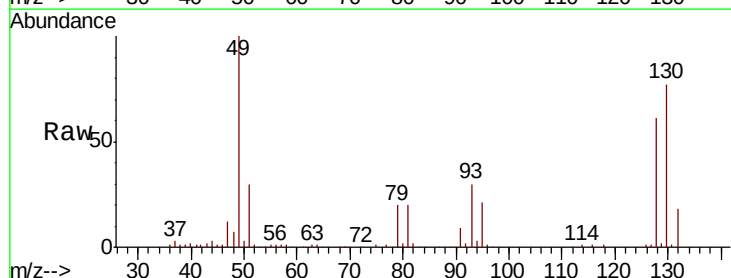
Ion Ratio Lower Upper

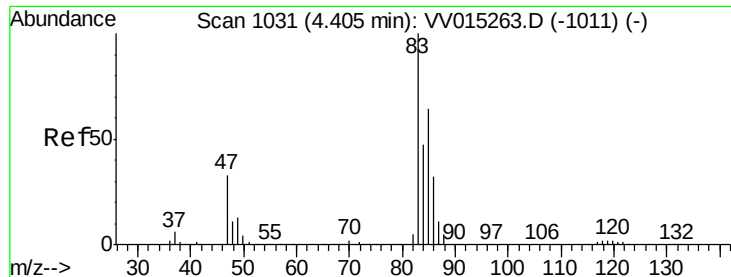
128 100

49 163.9 114.7 213.1

130 125.8 88.1 163.5

51 49.6 39.7 59.5

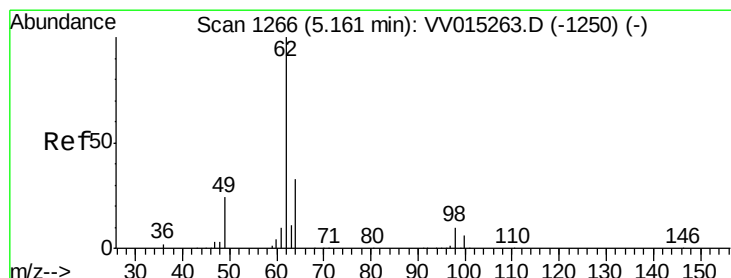
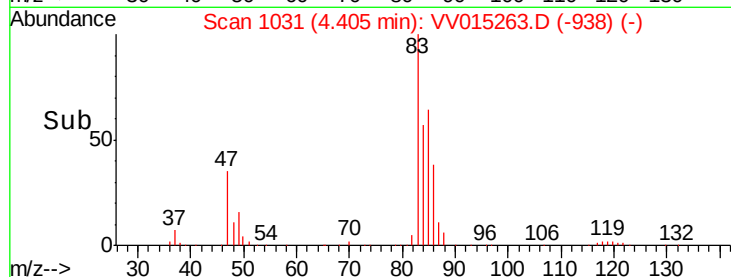
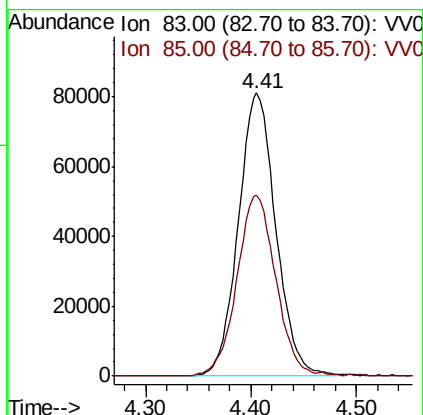
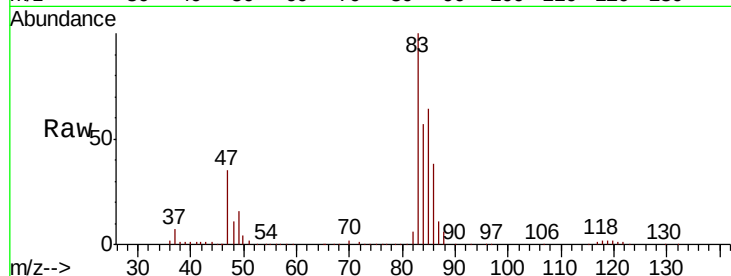




#25
Chloroform
Concen: 27.309 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

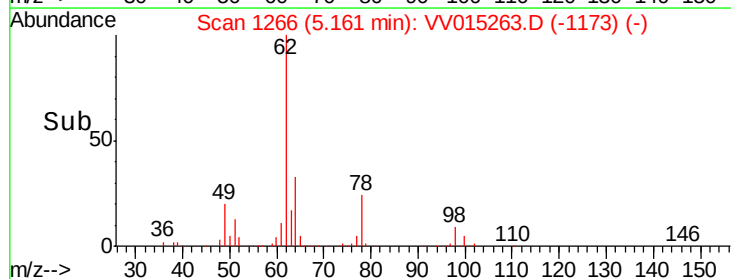
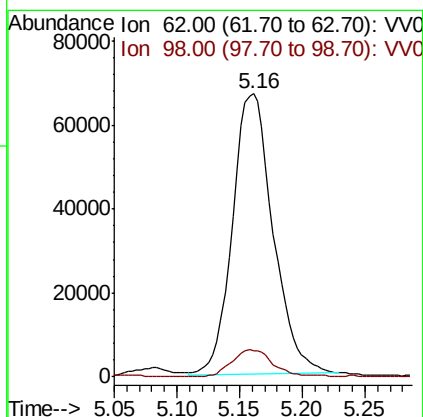
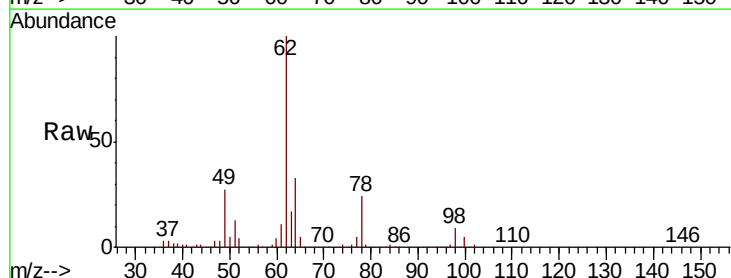
Instrument :
MSVOA_V
ClientSampleId :

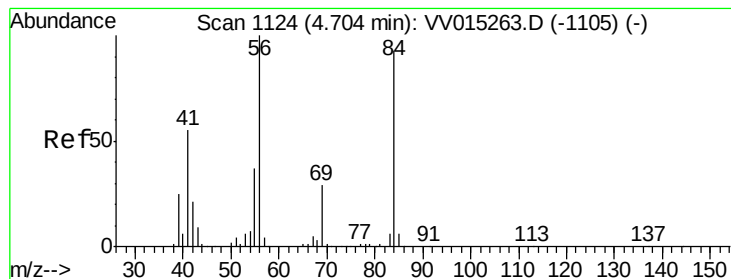
Tot Ion: 83 Resp: 200456
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3



#27
1,2-Dichloroethane
Concen: 26.863 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

Tgt Ion: 62 Resp: 150654
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 27.024 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

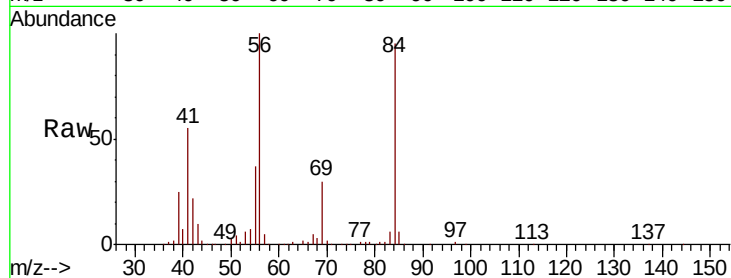
Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 164493

Ion	Ratio	Lower	Upper
56	100		
69	17.2	13.8	20.6
84	91.7	73.4	110.0

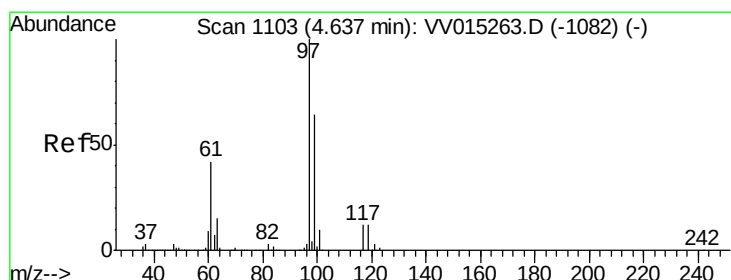
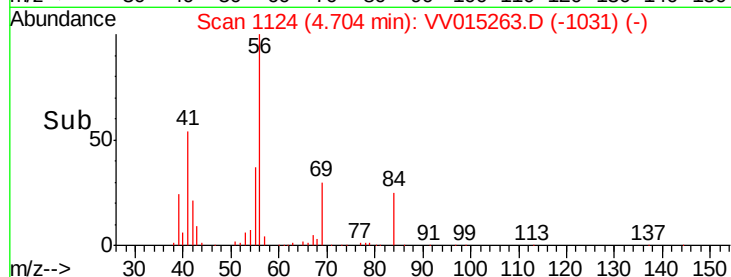
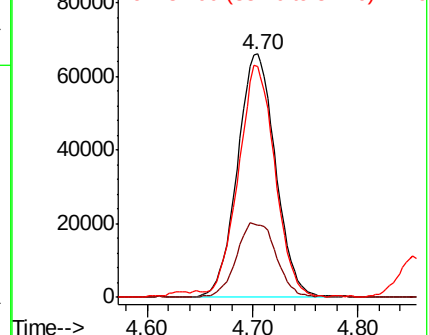


Abundance

Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 26.198 ug/L

RT: 4.64 min Scan# 1103

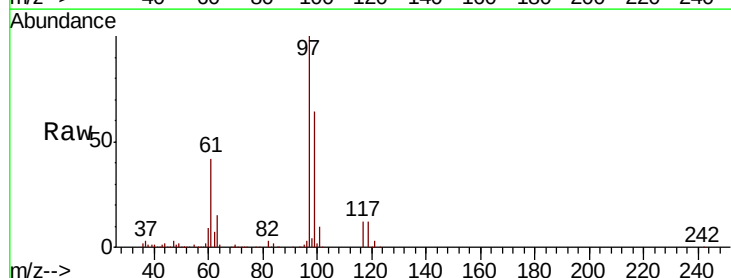
Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Tgt Ion: 97 Resp: 175138

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	42.8	34.2	51.4

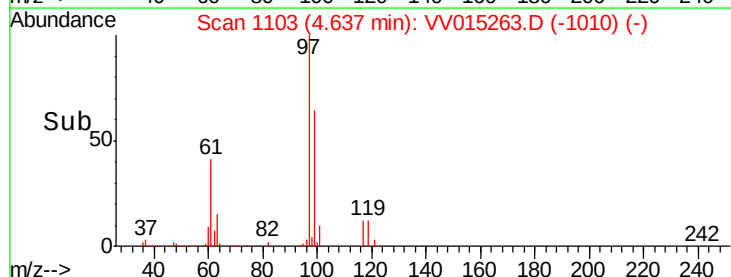
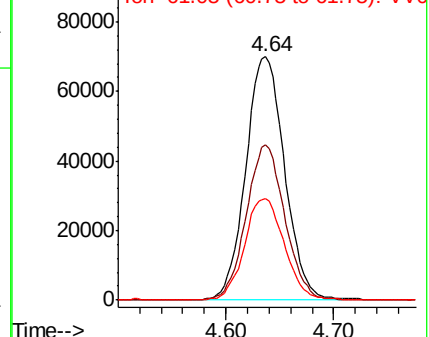


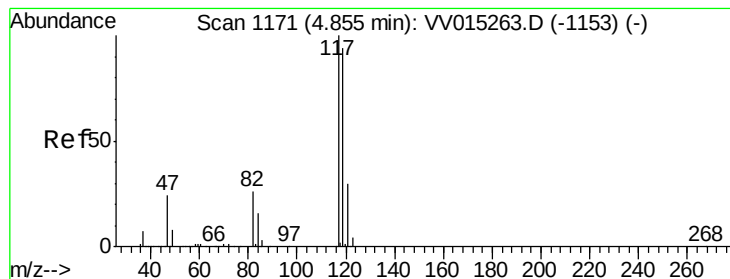
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 26.255 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

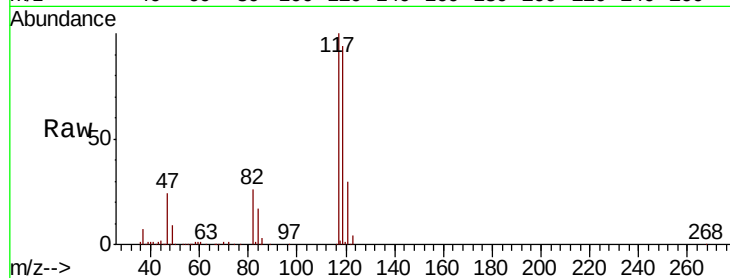
ClientSampleId :

Tot Ion:117 Resp: 147561

Ion Ratio Lower Upper

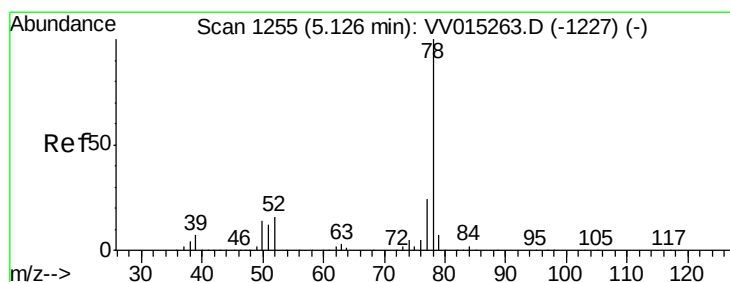
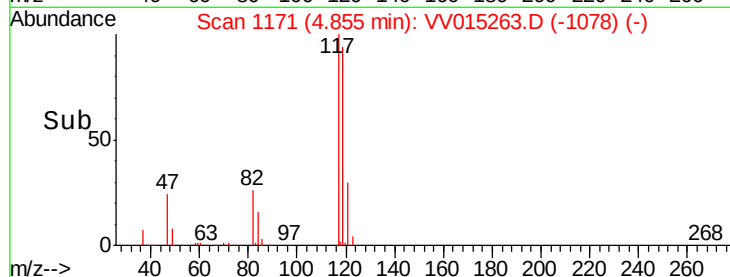
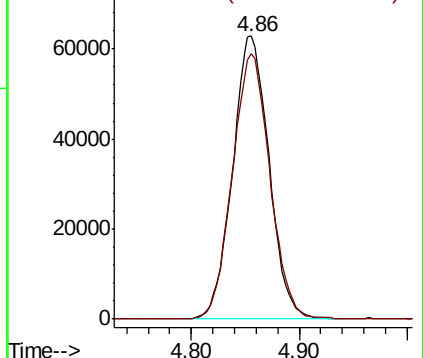
117 100

119 96.8 77.4 116.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 26.107 ug/L

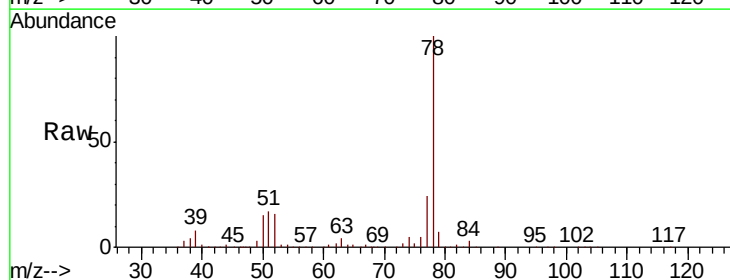
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

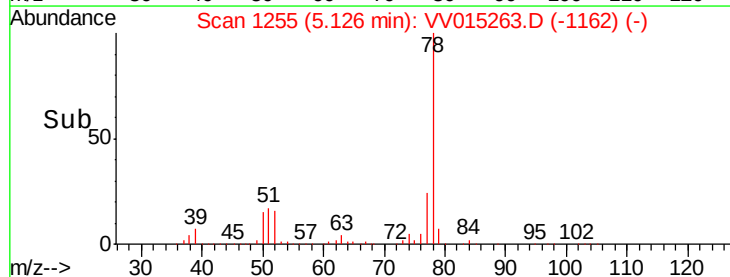
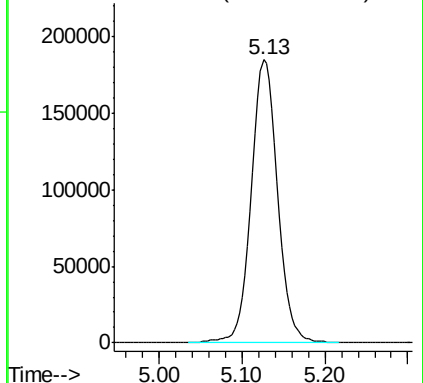
Lab File: VV015263.D

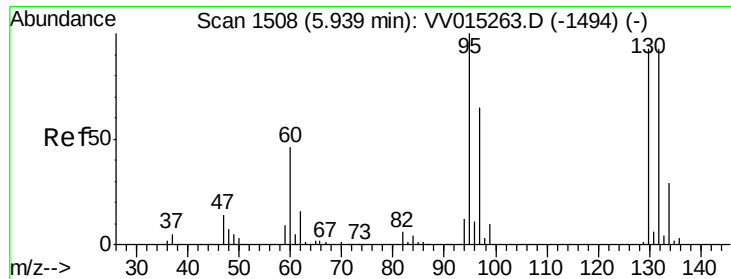
Acq: 30 Mar 2020 09:45

Tgt Ion: 78 Resp: 408308



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 25.154 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 105618

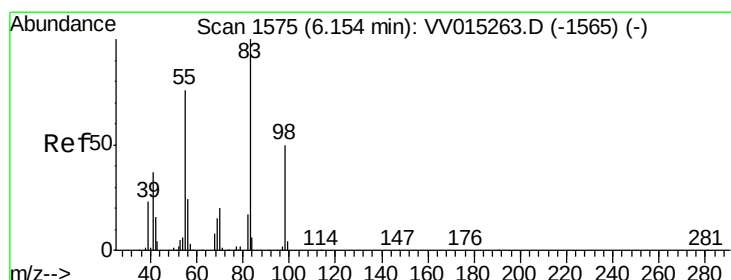
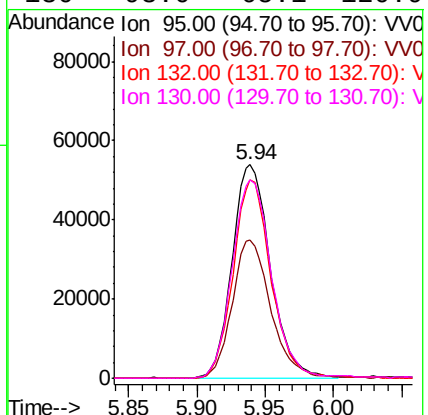
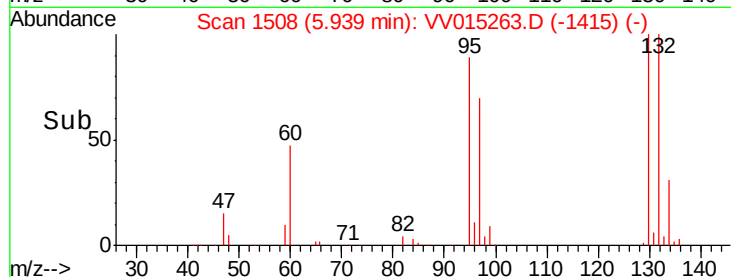
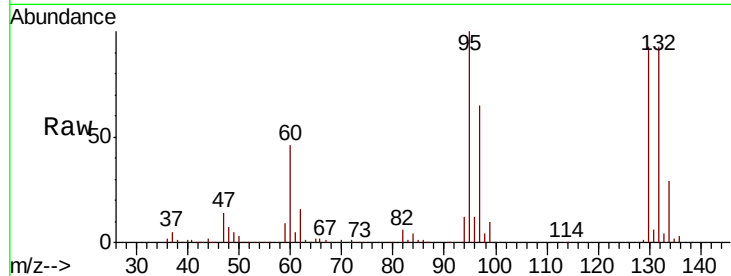
Ion Ratio Lower Upper

95 100

97 64.9 45.4 84.4

132 92.6 64.8 120.4

130 93.0 65.1 120.9



#35

Methylcyclohexane

Concen: 27.705 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

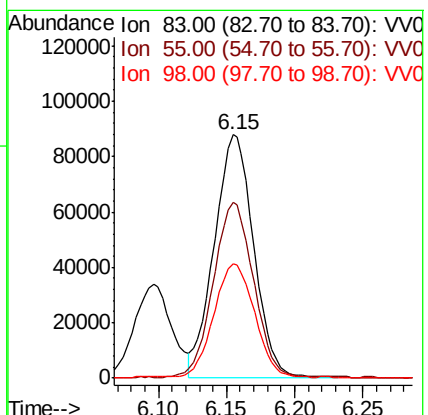
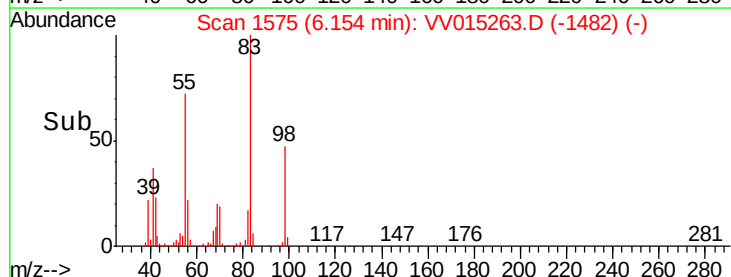
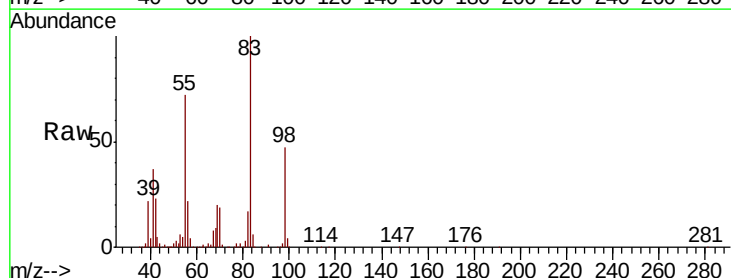
Tgt Ion: 83 Resp: 177067

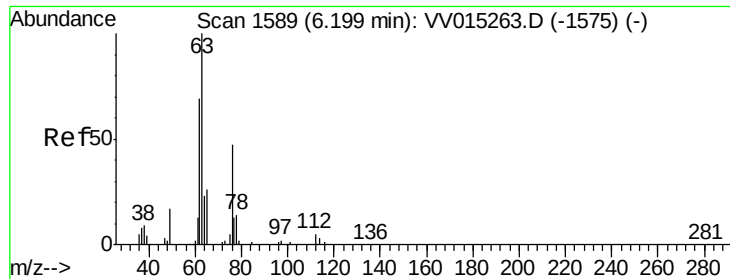
Ion Ratio Lower Upper

83 100

55 73.0 58.4 87.6

98 48.7 39.0 58.4

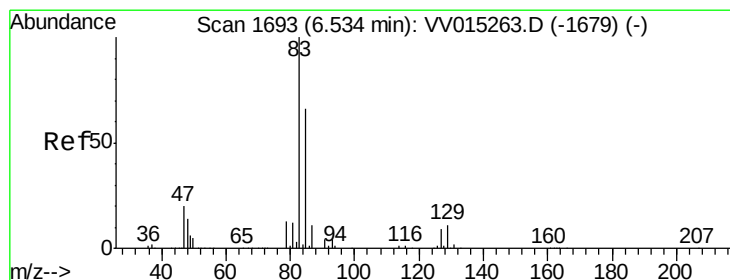
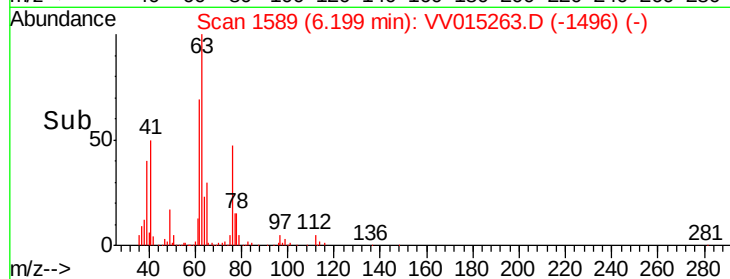
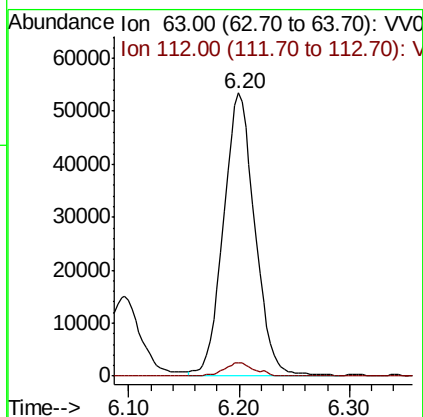
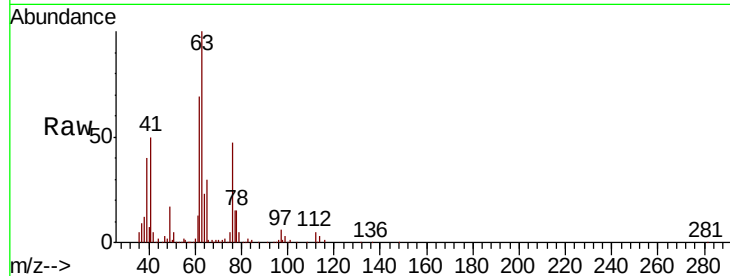




#37
 1,2-Dichloropropane
 Concen: 26.685 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

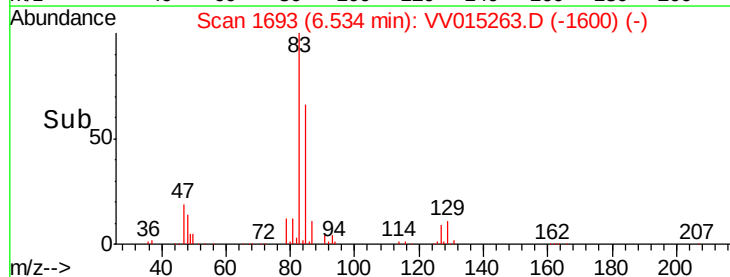
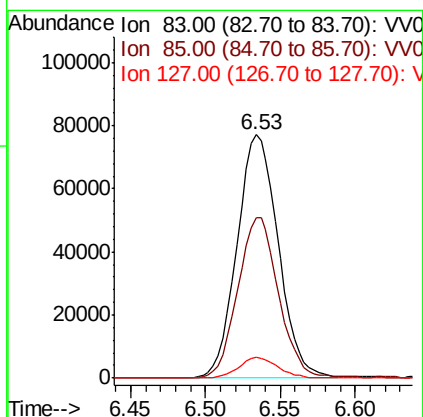
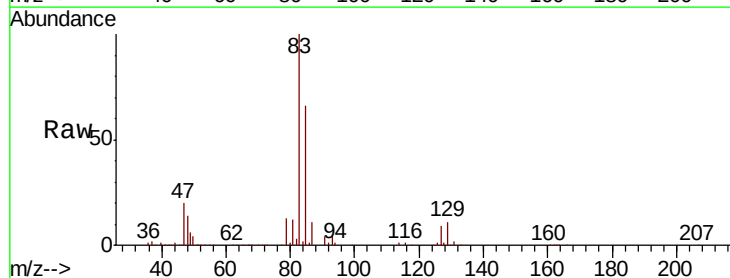
Instrument :
 MSVOA_V
 ClientSampleId :

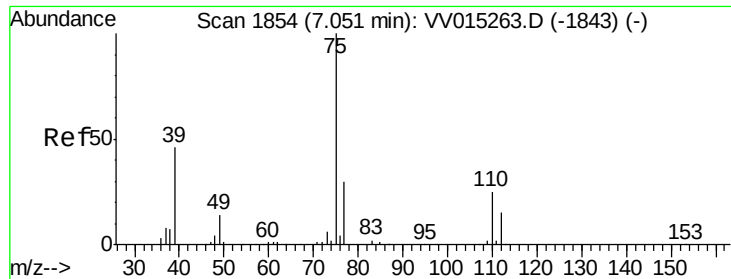
Tot Ion: 63 Resp: 104773
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.3 4.9



#38
 Bromodichloromethane
 Concen: 25.613 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion: 83 Resp: 148256
 Ion Ratio Lower Upper
 83 100
 85 66.1 46.3 85.9
 127 8.5 6.8 10.2

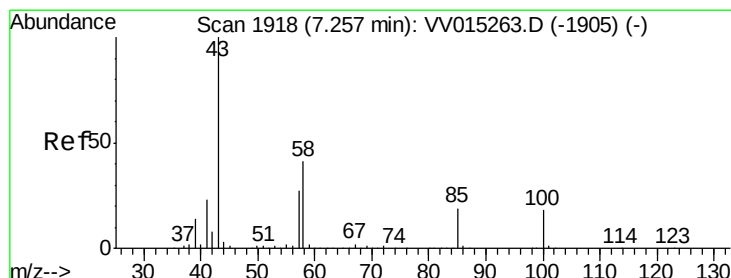
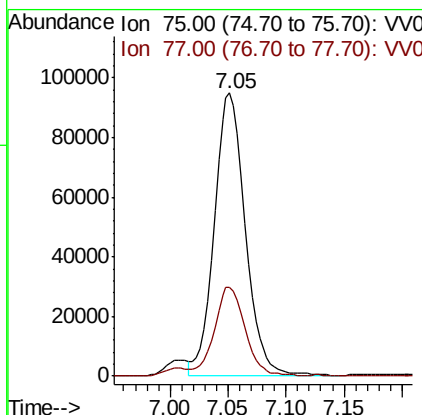
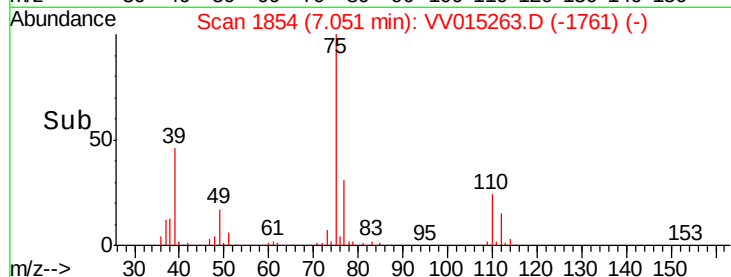
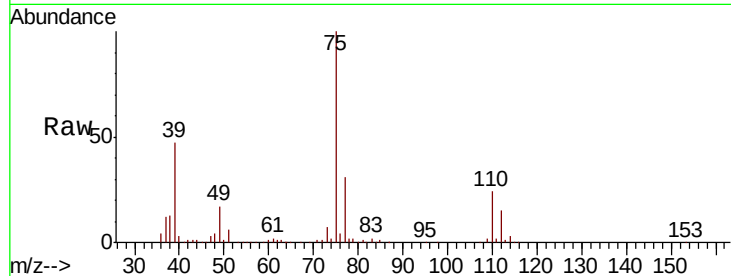




#39
 cis-1,3-Dichloropropene
 Concen: 26.977 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

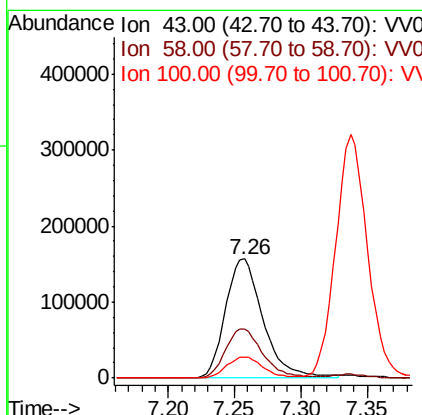
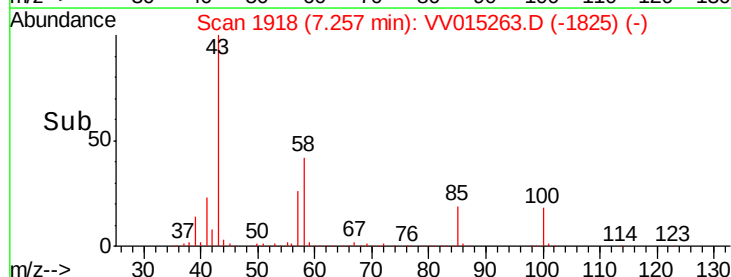
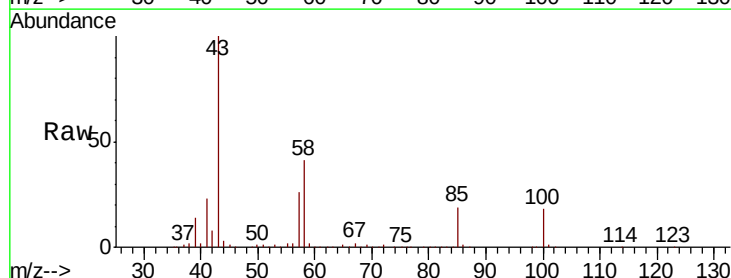
Instrument :
 MSVOA_V
 ClientSampled :

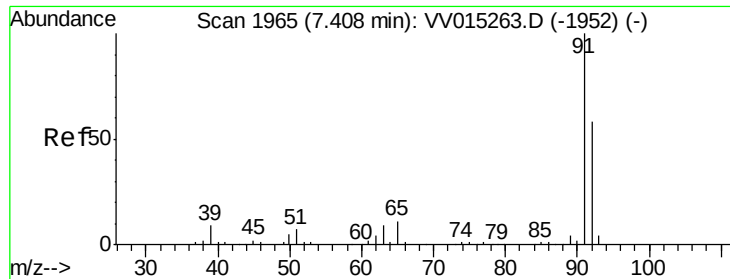
Tot Ion: 75 Resp: 178161
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 53.398 ug/L
 RT: 7.26 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion: 43 Resp: 308799
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6
 100 16.9 13.5 20.3





#42

Toluene

Concen: 26.635 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

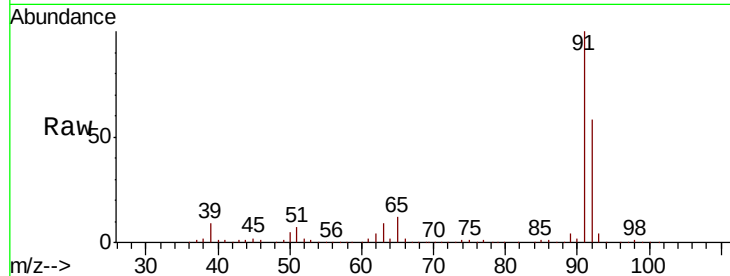
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 460221

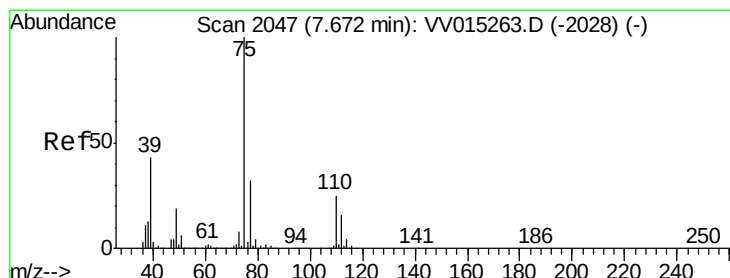
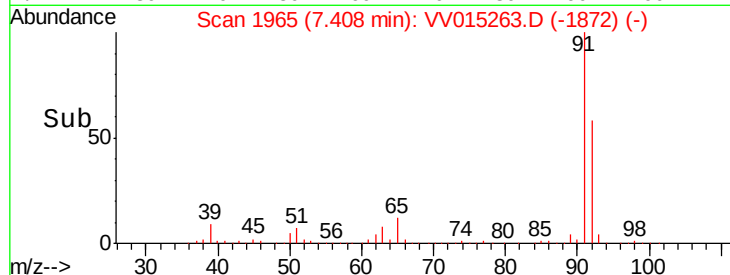
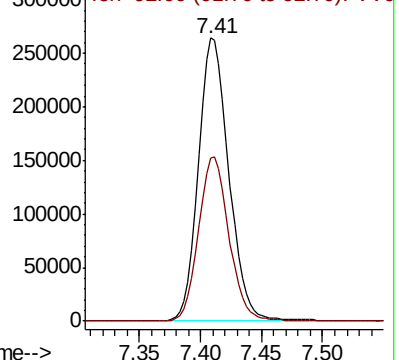
Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV015263.D (-1952) (-)
Ion 92.00 (91.70 to 92.70): VV015263.D (-1952) (-)



#44

trans-1,3-Dichloropropene

Concen: 27.695 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV015263.D

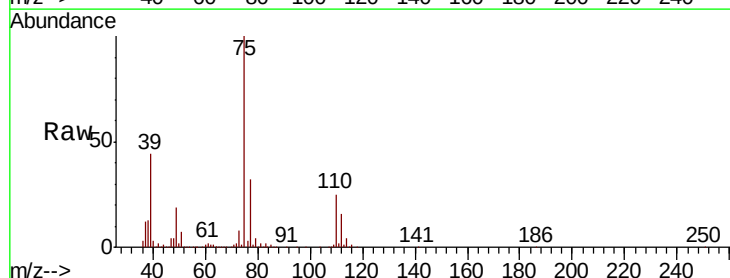
Acq: 30 Mar 2020 09:45

Tgt Ion: 75 Resp: 176110

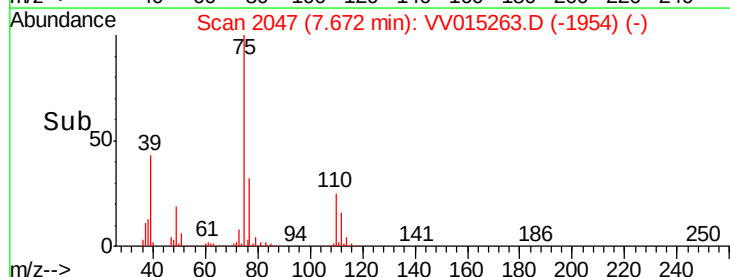
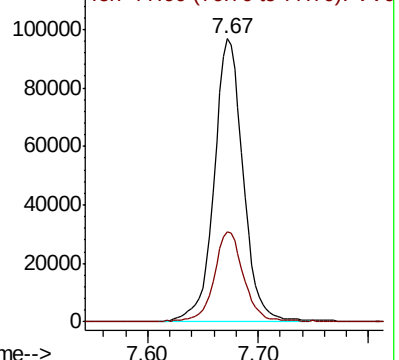
Ion Ratio Lower Upper

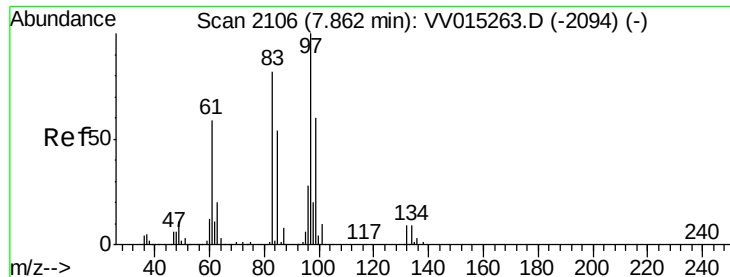
75 100

77 31.8 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV015263.D (-2028) (-)
Ion 77.00 (76.70 to 77.70): VV015263.D (-2028) (-)

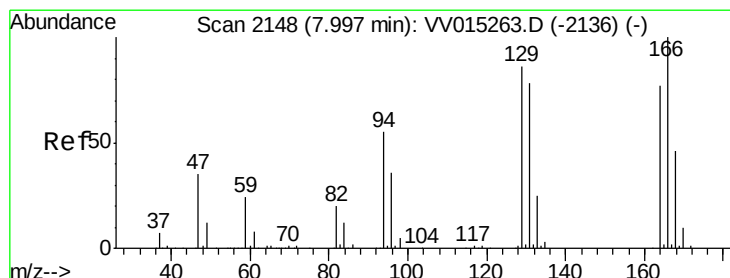
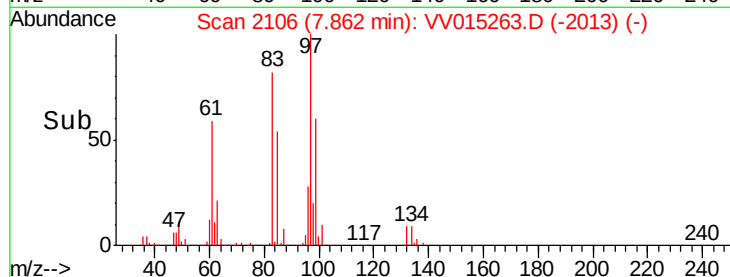
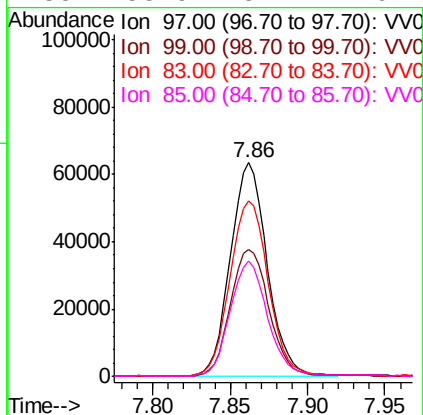
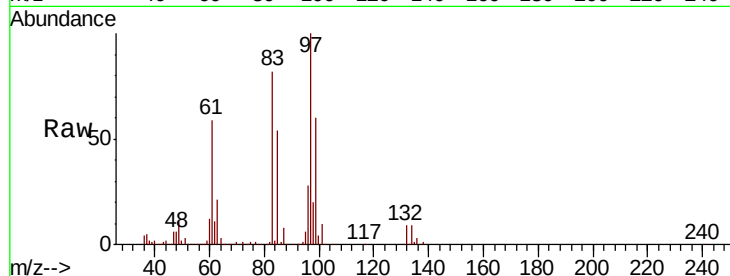




#45
1,1,2-Trichloroethane
Concen: 26.470 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

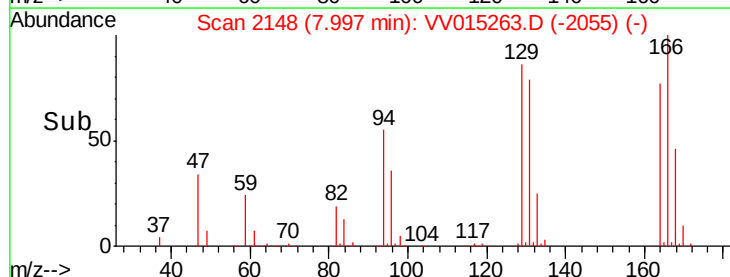
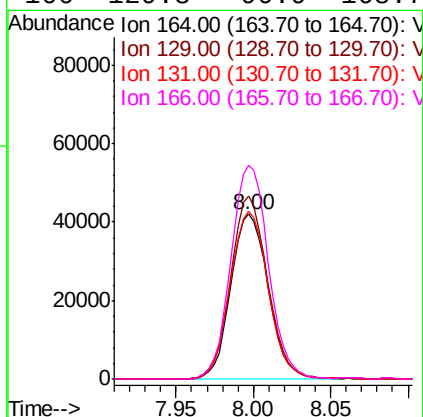
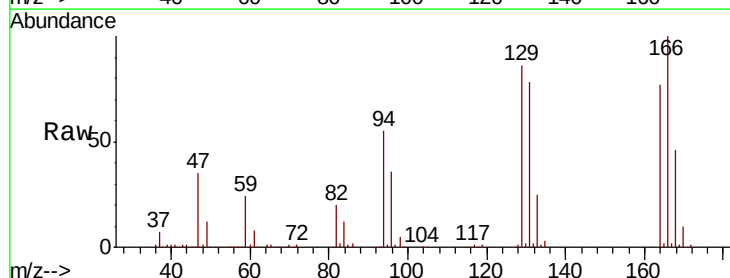
Instrument :
MSVOA_V
ClientSampled :

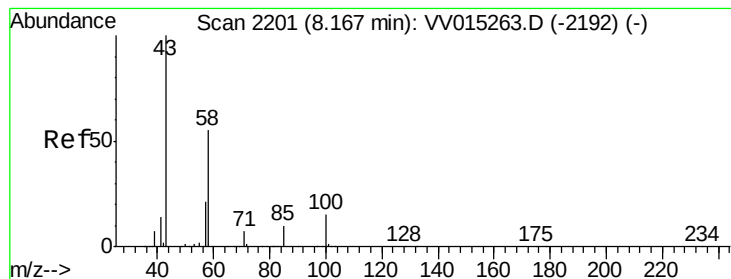
Tot Ion:	97	Resp:	105046
Ion	Ratio	Lower	Upper
97	100		
99	59.5	41.6	77.3
83	82.4	57.7	107.1
85	53.9	37.7	70.1



#46
Tetrachloroethene
Concen: 26.189 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

Tgt Ion:	164	Resp:	70595
Ion	Ratio	Lower	Upper
164	100		
129	111.5	78.0	144.9
131	101.8	71.3	132.3
166	129.8	90.9	168.7





#48

2-Hexanone

Concen: 56.479 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 250861

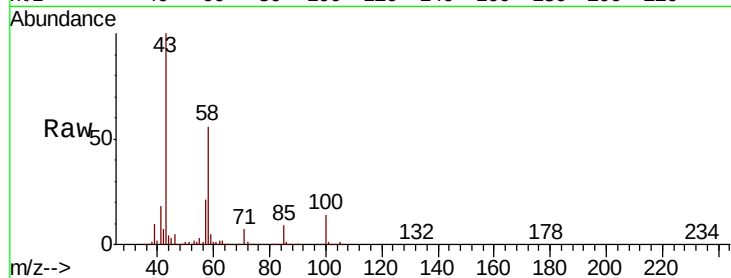
Ion Ratio Lower Upper

43 100

58 57.1 45.7 68.5

57 18.7 15.0 22.4

100 13.9 11.1 16.7

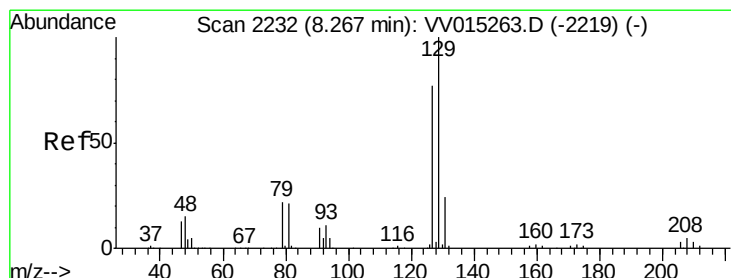
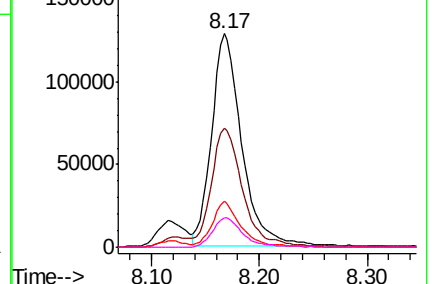
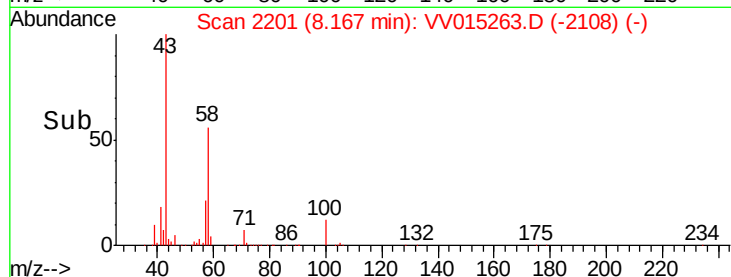


Abundance Ion 43.00 (42.70 to 43.70): VV015263.D (-2192) (-)

Ion 58.00 (57.70 to 58.70): VV015263.D (-2192) (-)

Ion 57.00 (56.70 to 57.70): VV015263.D (-2192) (-)

Ion 100.00 (99.70 to 100.70): VV015263.D (-2192) (-)



#49

Dibromochloromethane

Concen: 26.308 ug/L

RT: 8.27 min Scan# 2232

Delta R.T. 0.00 min

Lab File: VV015263.D

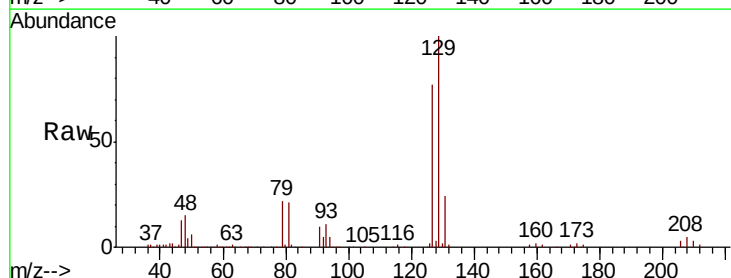
Acq: 30 Mar 2020 09:45

Tgt Ion: 129 Resp: 112698

Ion Ratio Lower Upper

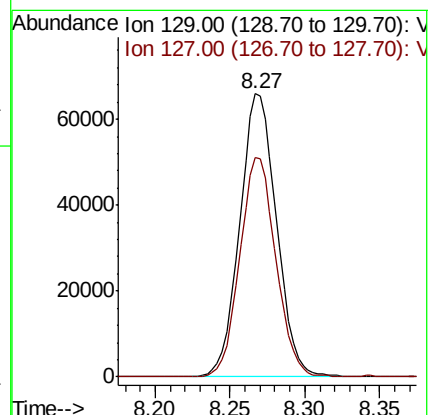
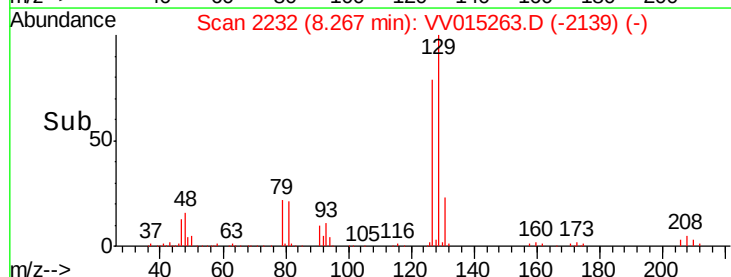
129 100

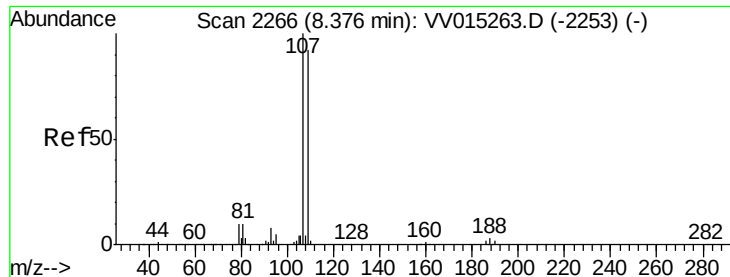
127 77.4 54.2 100.6



Abundance Ion 129.00 (128.70 to 129.70): VV015263.D (-2219) (-)

Ion 127.00 (126.70 to 127.70): VV015263.D (-2219) (-)

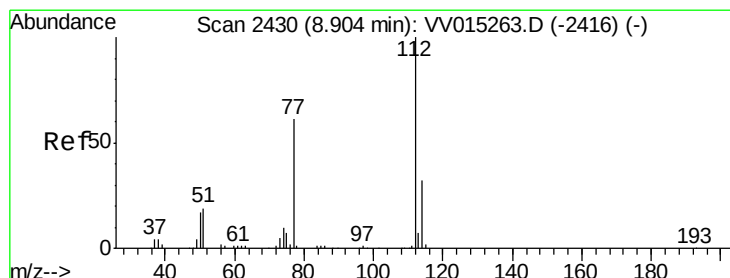
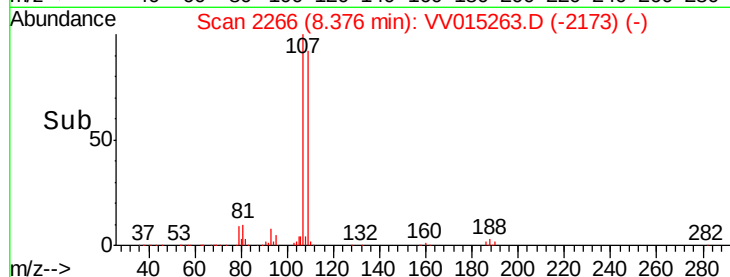
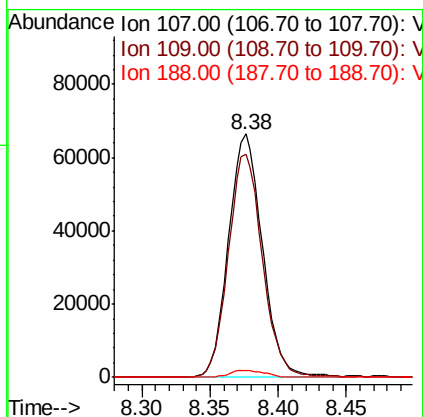
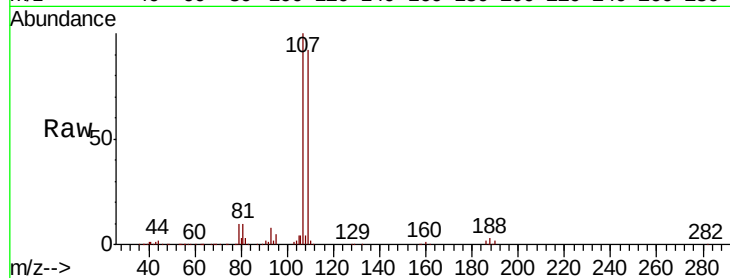




#50
 1,2-Dibromoethane
 Concen: 27.140 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

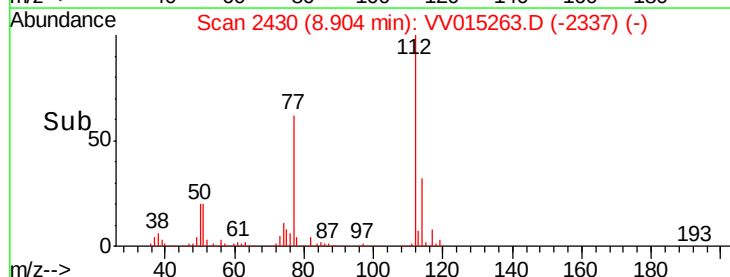
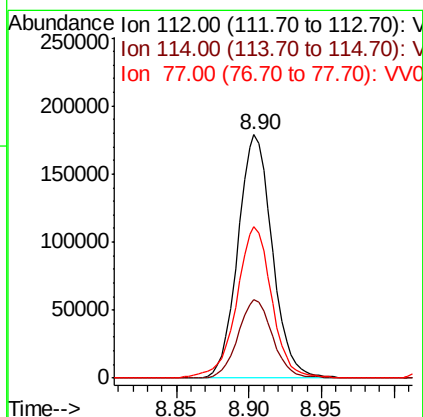
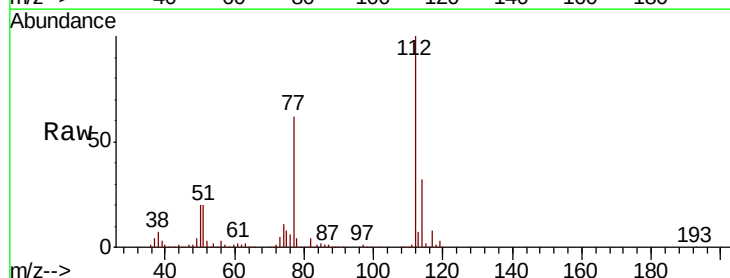
Instrument :
 MSVOA_V
 ClientSampled :

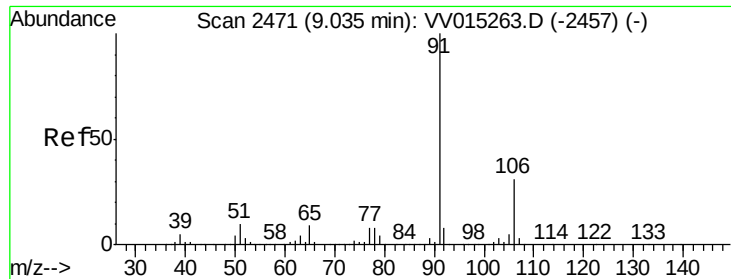
Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	64.3	119.3
188	2.7	2.2	3.2



#51
 Chlorobenzene
 Concen: 26.151 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	62.1	49.7	74.5

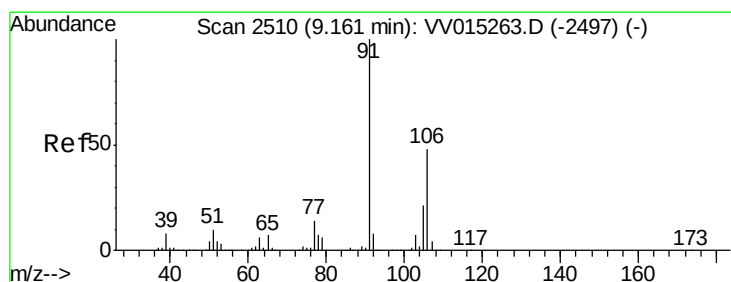
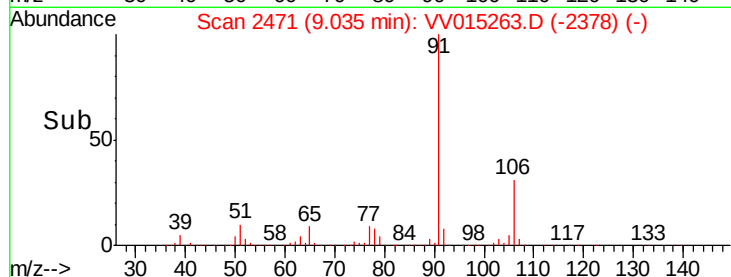
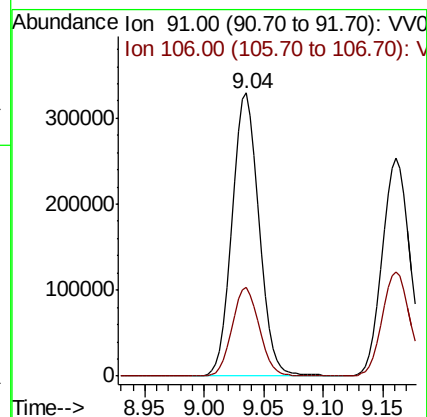
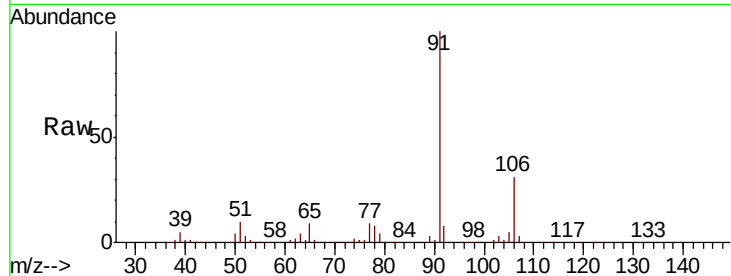




#52
Ethylbenzene
Concen: 26.495 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

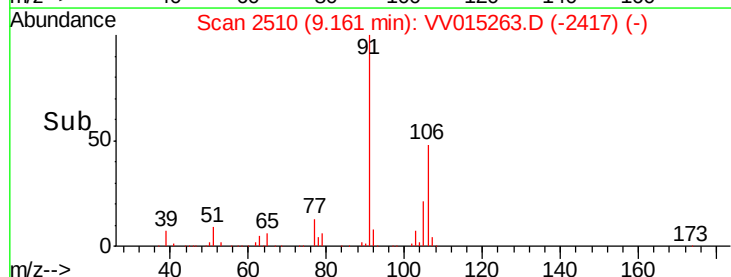
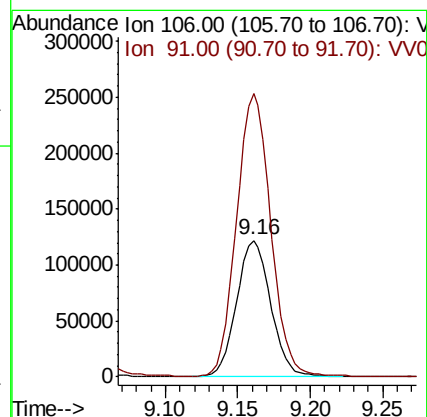
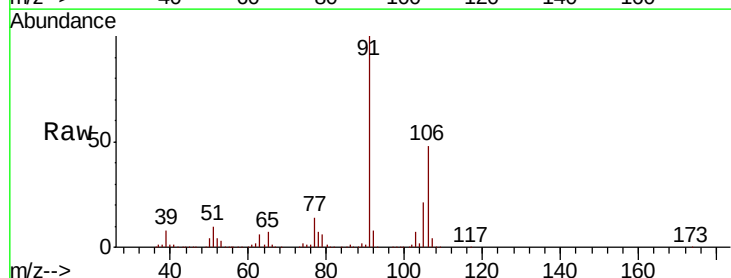
Instrument :
MSVOA_V
ClientSampled :

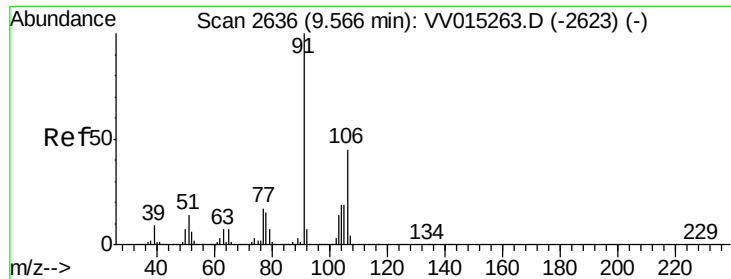
Tot Ion: 91 Resp: 516997
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 26.437 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV015263.D
Acq: 30 Mar 2020 09:45

Tgt Ion: 106 Resp: 198511
Ion Ratio Lower Upper
106 100
91 207.6 145.3 269.9





#54

o-xylene

Concen: 26.980 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

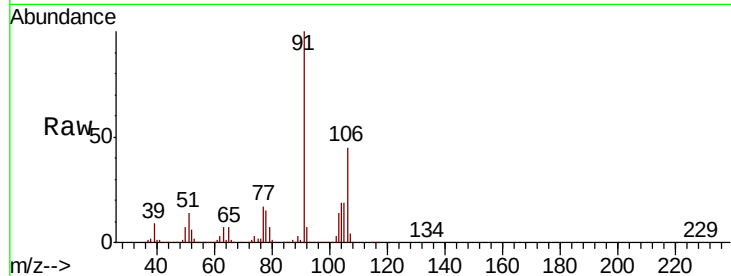
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 202473

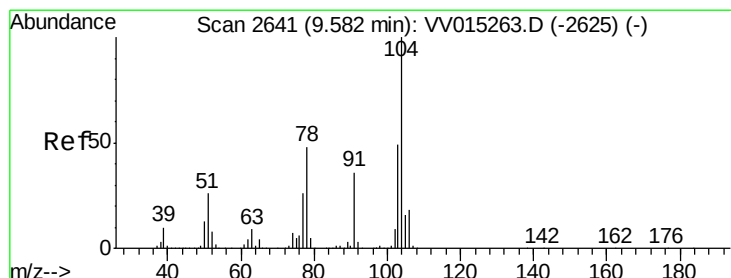
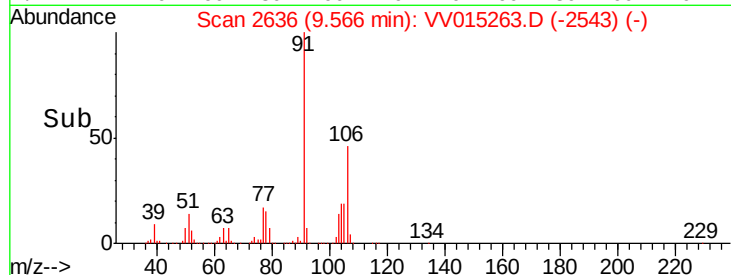
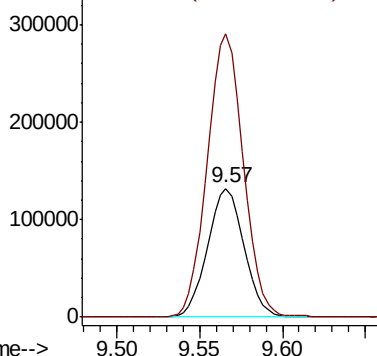
Ion Ratio Lower Upper

106 100

91 220.0 154.0 286.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 27.021 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV015263.D

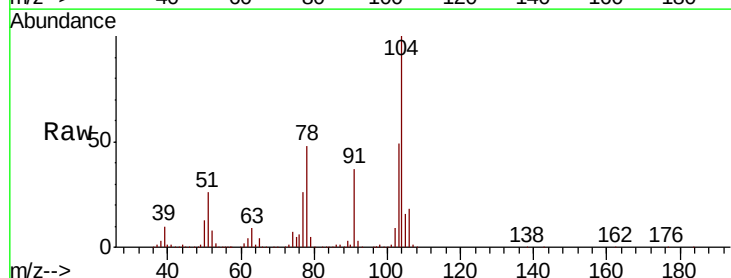
Acq: 30 Mar 2020 09:45

Tgt Ion:104 Resp: 340876

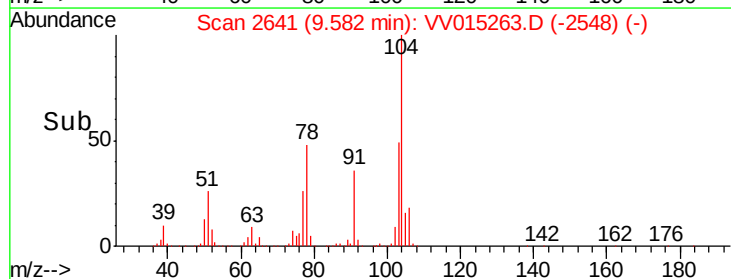
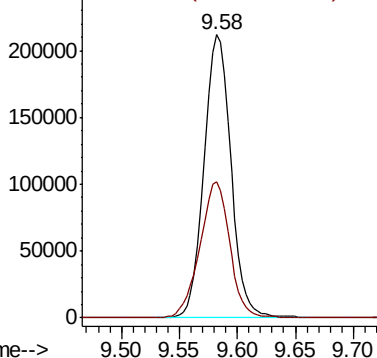
Ion Ratio Lower Upper

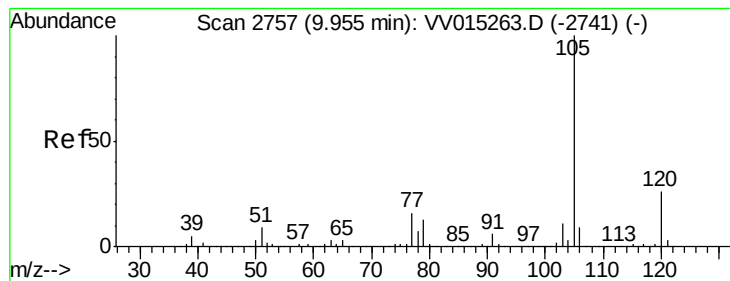
104 100

78 48.2 33.7 62.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 27.114 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampleId :

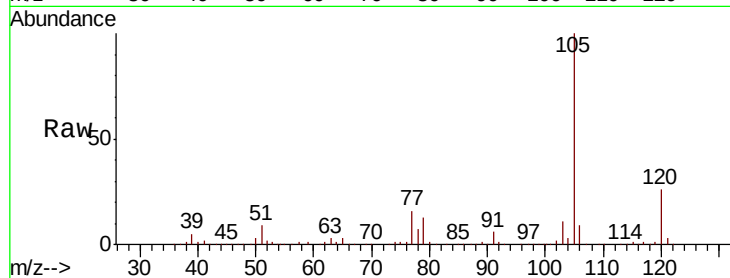
Tot Ion:105 Resp: 519605

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

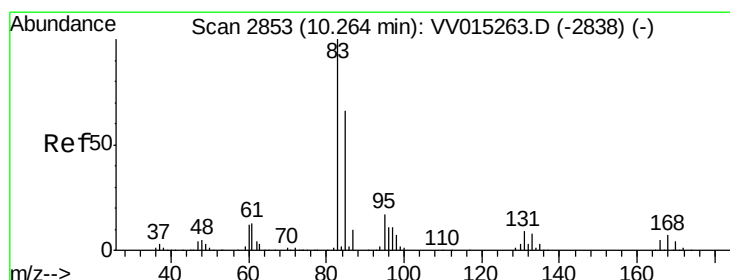
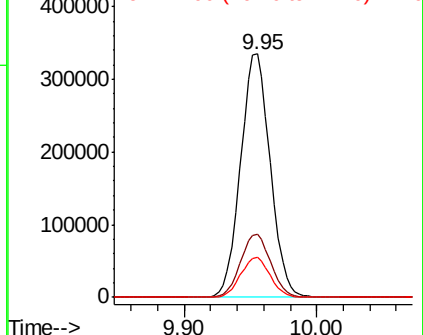
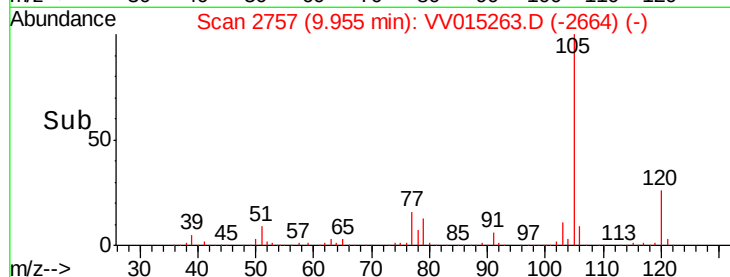
77 16.3 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 27.057 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

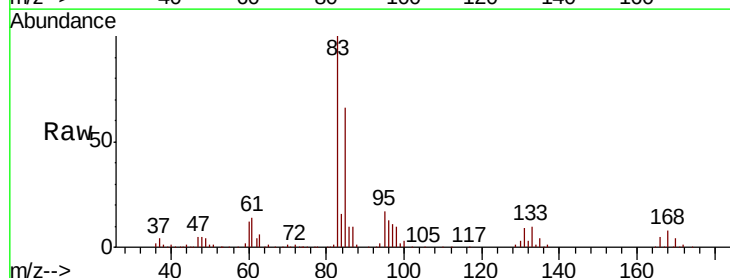
Tgt Ion: 83 Resp: 177014

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9

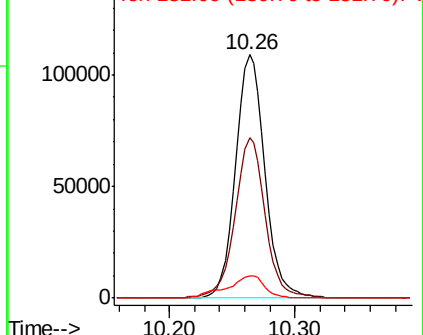
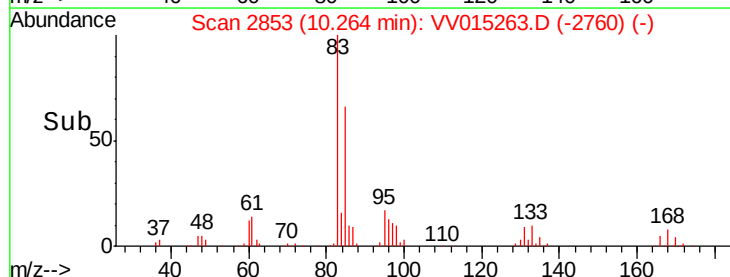
131 9.2 7.4 11.0

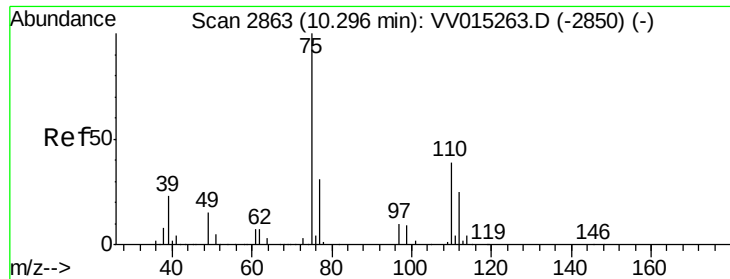


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.064 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

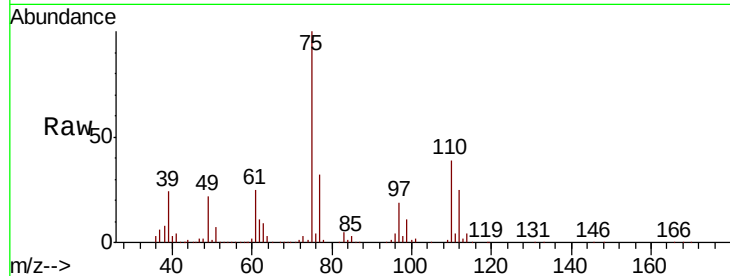
ClientSampled :

Tot Ion: 75 Resp: 144701

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

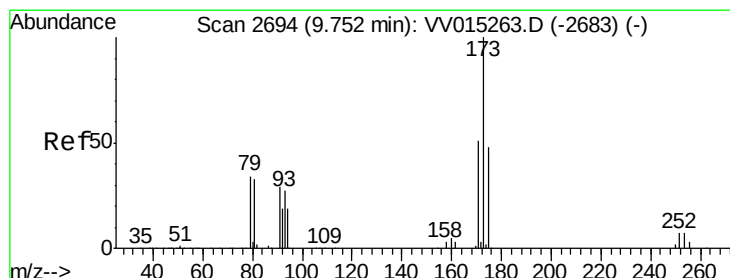
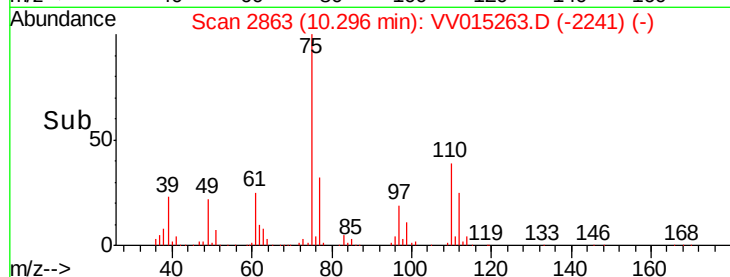


Abundance Ion 75.00 (74.70 to 75.70): VV015263.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV015263.D (-2850) (-)

10.30

Time-->



#61

Bromoform

Concen: 25.952 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

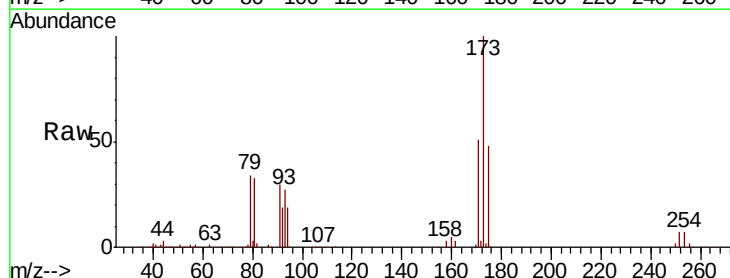
Tgt Ion: 173 Resp: 70559

Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 5.9 4.7 7.1



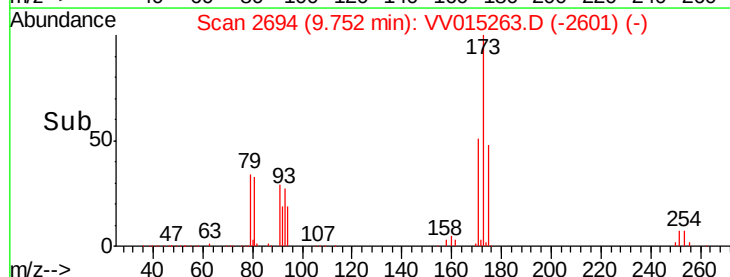
Abundance Ion 173.00 (172.70 to 173.70): VV015263.D (-2683) (-)

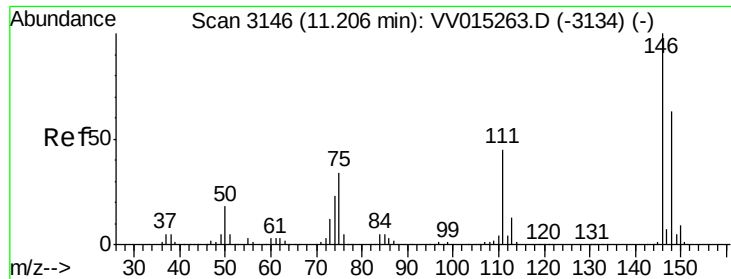
Ion 175.00 (174.70 to 175.70): VV015263.D (-2683) (-)

Ion 254.00 (253.70 to 254.70): VV015263.D (-2683) (-)

9.75

Time-->

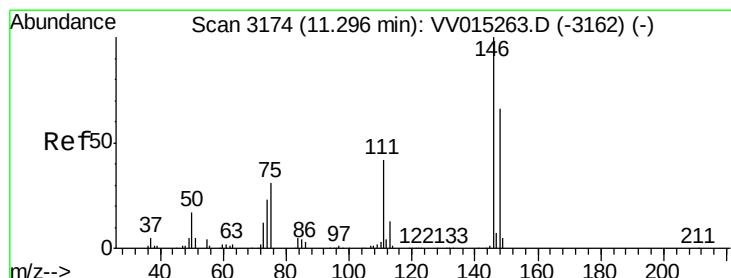
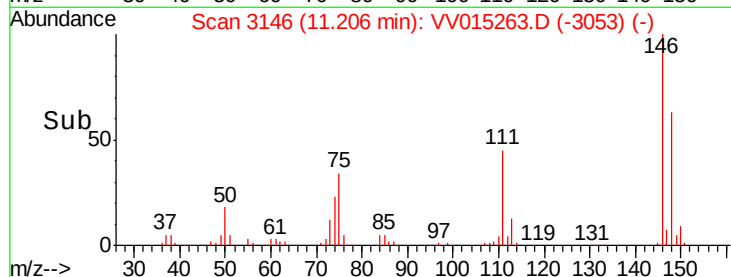
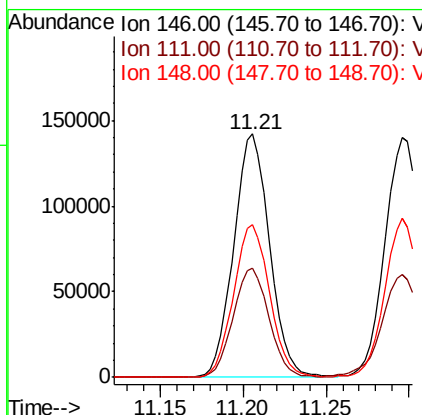
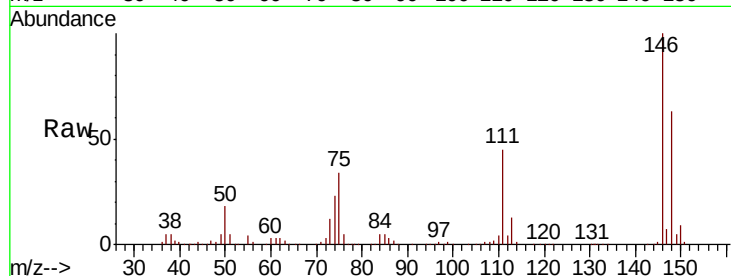




#62
 1,3-Dichlorobenzene
 Concen: 26.495 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

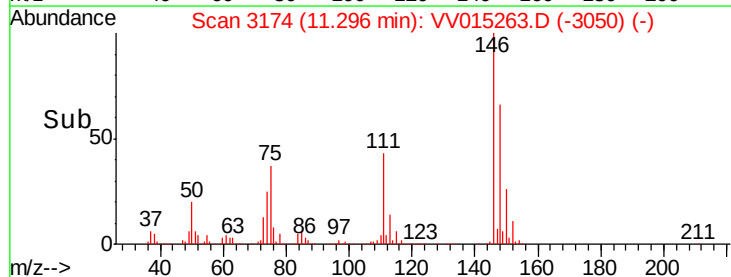
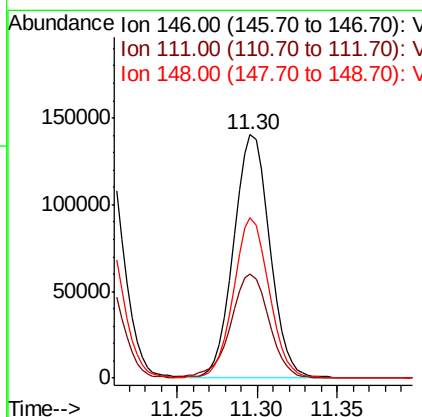
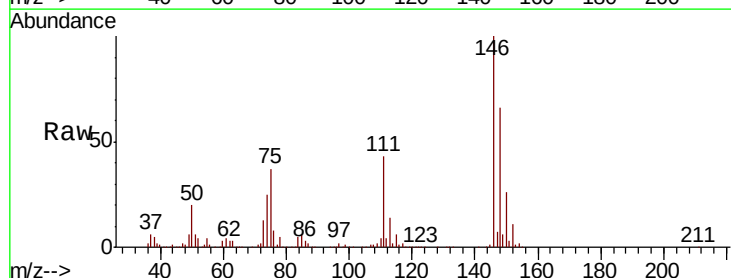
Instrument :
 MSVOA_V
 ClientSampleId :

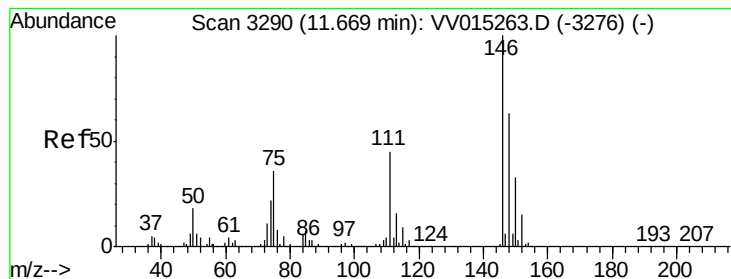
Tot Ion:146 Resp: 214175
 Ion Ratio Lower Upper
 146 100
 111 44.9 31.4 58.4
 148 62.6 43.8 81.4



#63
 1,4-Dichlorobenzene
 Concen: 26.370 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion:146 Resp: 214088
 Ion Ratio Lower Upper
 146 100
 111 42.8 30.0 55.6
 148 66.0 46.2 85.8





#65

1,2-Dichlorobenzene

Concen: 26.798 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampleId :

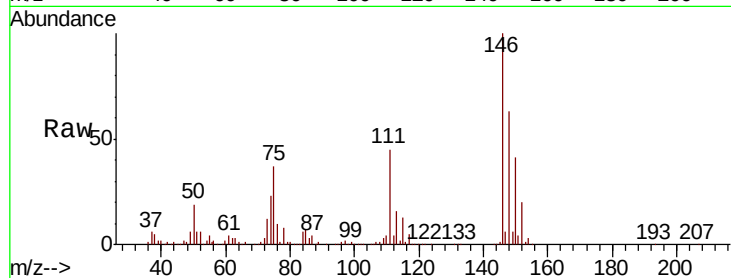
Tot Ion:146 Resp: 223502

Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

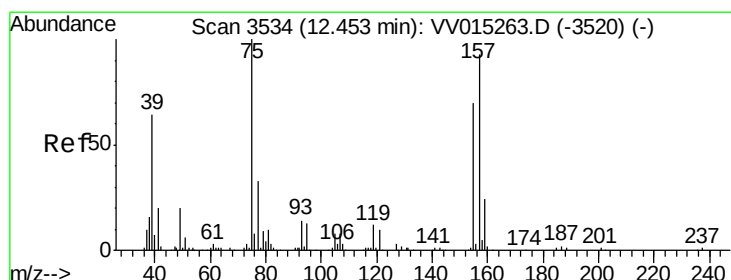
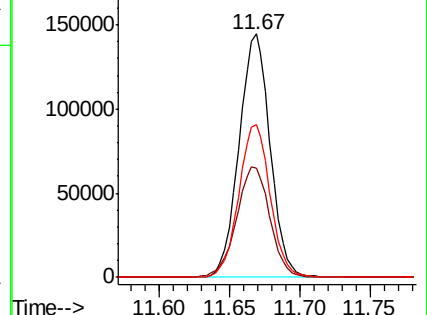
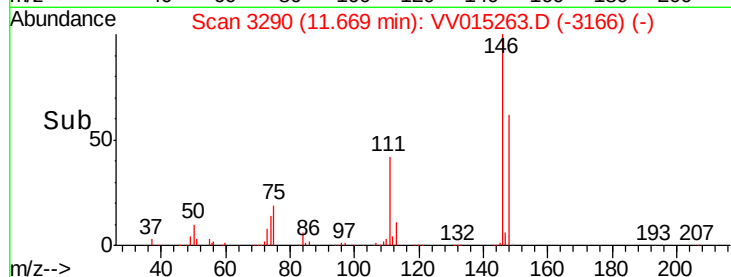
148 62.6 50.1 75.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 27.337 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

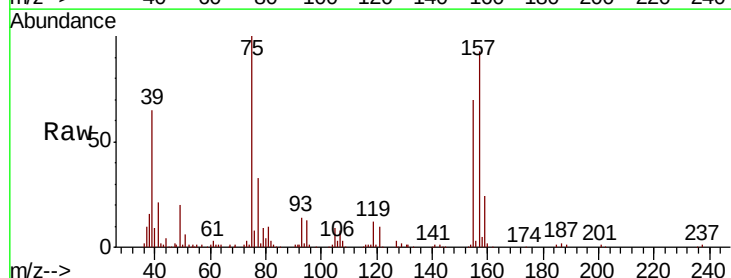
Tgt Ion: 75 Resp: 47486

Ion Ratio Lower Upper

75 100

155 70.0 56.0 84.0

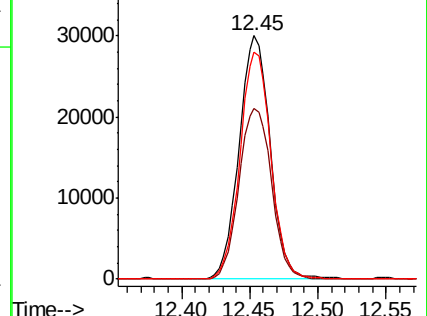
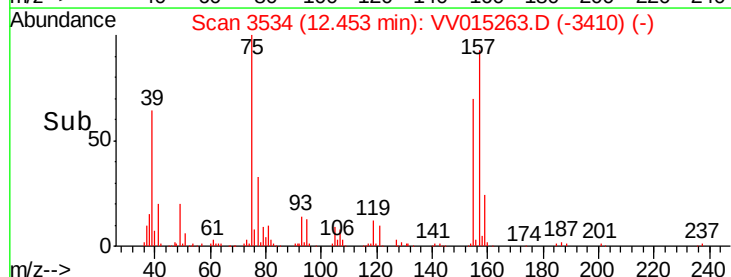
157 93.1 74.5 111.7

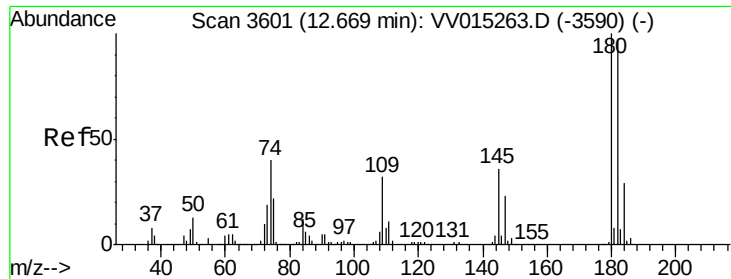


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

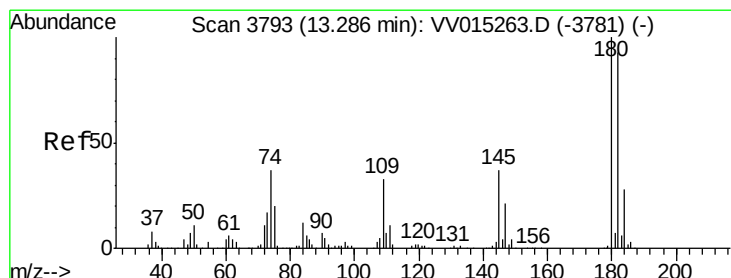
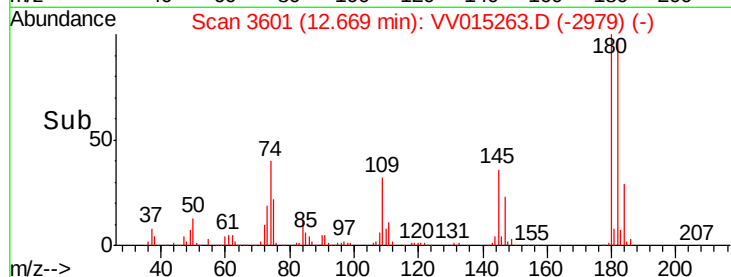
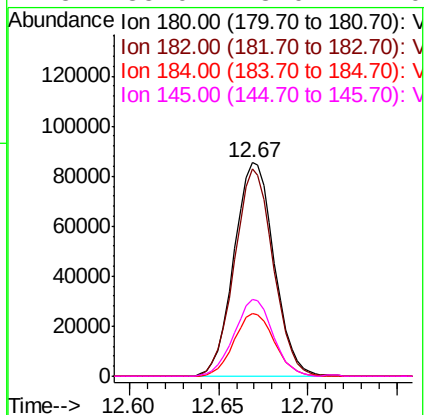
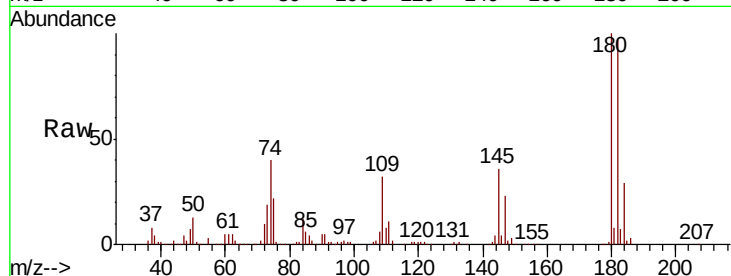




#67
 1,3,5-Trichlorobenzene
 Concen: 26.182 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

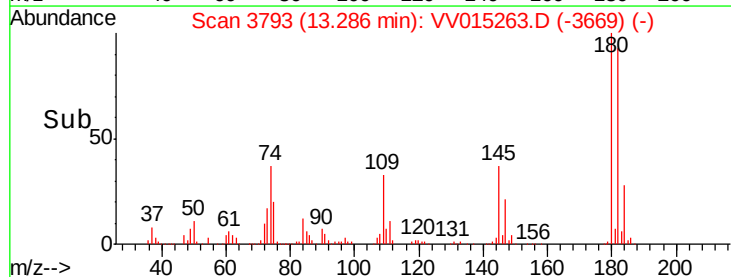
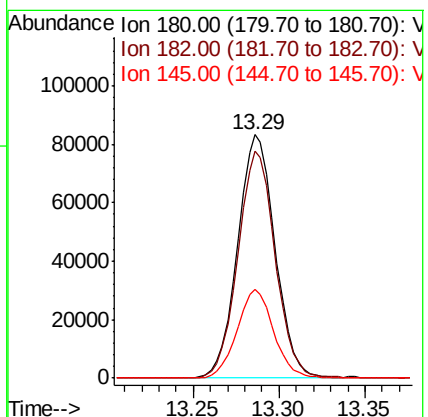
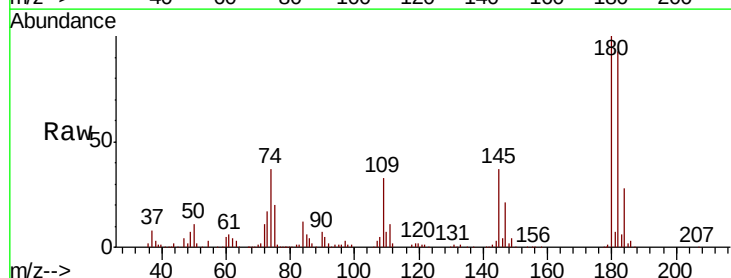
Instrument :
 MSVOA_V
 ClientSampleId :

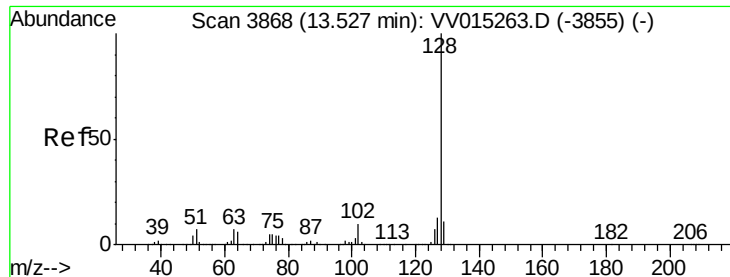
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
184	29.6	23.7	35.5
145	35.0	28.0	42.0



#68
 1,2,4-trichlorobenzene
 Concen: 26.453 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015263.D
 Acq: 30 Mar 2020 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	74.5	111.7
145	35.7	28.6	42.8





#69

Naphthalene

Concen: 26.671 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

Instrument :

MSVOA_V

ClientSampleId :

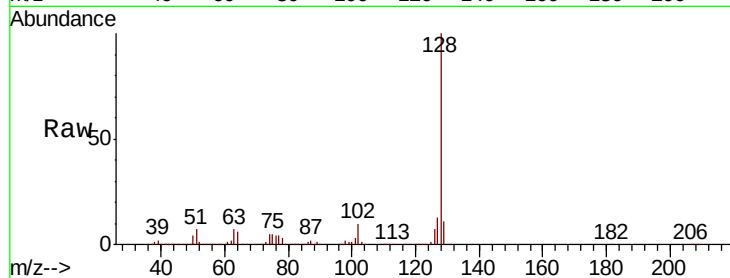
Tot Ion:128 Resp: 513109

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

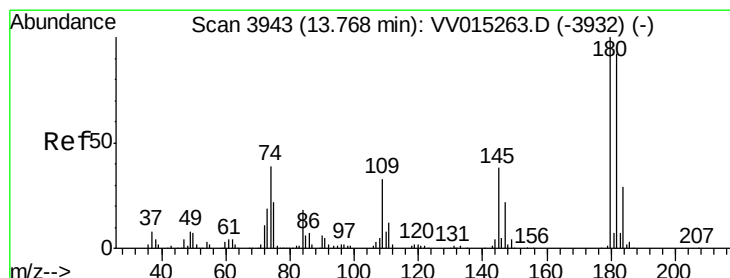
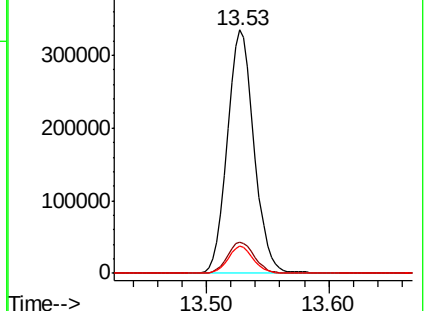
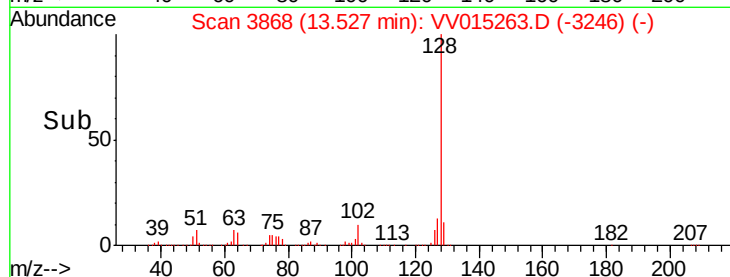
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.597 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015263.D

Acq: 30 Mar 2020 09:45

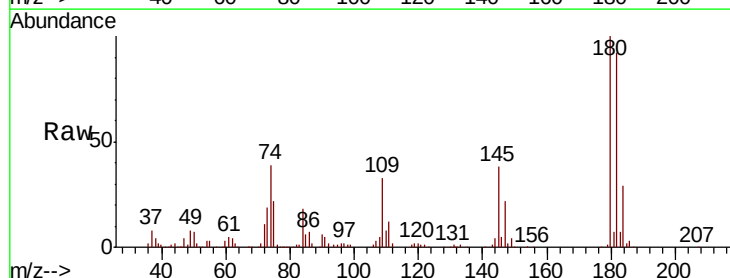
Tgt Ion:180 Resp: 130020

Ion Ratio Lower Upper

180 100

182 92.4 73.9 110.9

145 37.7 30.2 45.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

