

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110119\
 Data File : VV013467.D
 Acq On : 01 Nov 2019 14:30
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00G/10.0ML/MSVOA V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 03:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 03:55:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	647579	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	616504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	305995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	258665	28.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.48%
7) Chloroethane-d5	1.58	69	193170	29.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.12%
10) 1,1-Dichloroethene-d2	2.13	63	329804	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.20%
20) 2-Butanone-d5	3.95	46	234465	54.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.62%
24) Chloroform-d	4.39	84	469230	25.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	5.08	65	281558	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	5.09	84	988912	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	6.11	67	299083	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.32%
37) Toluene-d8	7.35	98	882201	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.80%
38) trans-1,3-Dichloropropene-	7.66	79	122482	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.08%
39) 2-Hexanone-d5	8.13	63	121007	51.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	264394	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	337094	28.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	11850	1.173	ug/L	91
3) Chloromethane	1.25	50	11233	1.091	ug/L	100
5) Vinyl chloride	1.32	62	11693	1.160	ug/L #	30
6) Bromomethane	1.53	94	5436	1.147	ug/L	89
9) Trichlorofluoromethane	1.77	101	13773	0.998	ug/L	99
13) Acetone	2.21	43	18777	3.755	ug/L	100
14) Carbon disulfide	2.32	76	29530	0.978	ug/L #	93
16) Methylene chloride	2.53	84	27252	2.261	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	23233	0.909	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	10281	0.990	ug/L	92
19) 1,1-Dichloroethane	3.23	63	18630	0.984	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	9215	0.844	ug/L #	66
23) Bromochloromethane	4.30	128	4879	0.932	ug/L #	87
25) Chloroform	4.42	83	34604	1.786	ug/L	84
27) 1,2-Dichloroethane	5.18	62	12306	0.915	ug/L	98
30) Cyclohexane	4.72	56	16892	1.015	ug/L	94
31) 1,1,1-Trichloroethane	4.65	97	16161	1.033	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110119\
 Data File : VV013467.D
 Acq On : 01 Nov 2019 14:30
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00G/10.0ML/MSVOA V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

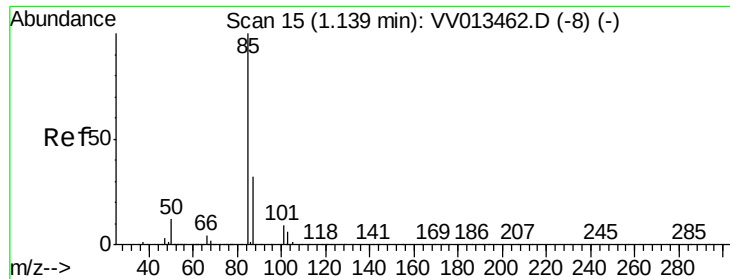
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 03:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 02 03:55:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Benzene	5.14	78	39213	0.970	ug/L	100
35) Trichloroethene	5.96	95	11967	1.096	ug/L	98
36) Methylcyclohexane	6.17	83	16268	0.952	ug/L	98
40) 1,2-Dichloropropane	6.22	63	10402	1.021	ug/L #	89
41) Bromodichloromethane	6.55	83	12107	0.924	ug/L	95
42) cis-1,3-Dichloropropene	7.07	75	12510	0.828	ug/L	94
43) 4-Methyl-2-pentanone	7.28	43	20621	2.193	ug/L	95
44) Toluene	7.43	91	44576	1.079	ug/L	95
46) 1,1,2-Trichloroethane	7.88	97	8704	1.067	ug/L	87
47) Tetrachloroethene	8.02	164	10050	1.086	ug/L	86
49) 2-Hexanone	8.18	43	27746	4.054	ug/L #	86
50) Dibromochloromethane	8.29	129	9007	0.923	ug/L	91
51) 1,2-Dibromoethane	8.40	107	8320	0.986	ug/L #	96
52) Chlorobenzene	8.92	112	26613	0.952	ug/L	92
53) Ethylbenzene	9.05	91	41270	0.906	ug/L	96
54) m,p-Xylene	9.18	106	16636	0.971	ug/L	87
55) o-xylene	9.59	106	14772	0.912	ug/L	92
56) Styrene	9.60	104	22843	0.813	ug/L	100
57) Isopropylbenzene	9.97	105	36429	0.834	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.28	83	11085	1.059	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	9248	1.054	ug/L	95
62) Bromoform	9.77	173	5825	0.961	ug/L #	97
63) 1,3-Dichlorobenzene	11.22	146	23117	1.094	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	25531	1.182	ug/L	95
65) 1,2-Dichlorobenzene	11.68	146	23574	1.201	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	2377	1.316	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	19001	1.137	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	16623	1.167	ug/L	94
69) Naphthalene	13.55	128	27743	1.007	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.79	180	14272	1.071	ug/L #	96

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



#2

Dichlorodifluoromethane

Concen: 1.173 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

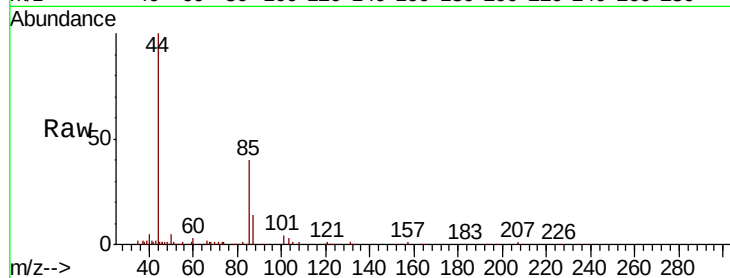
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 11850

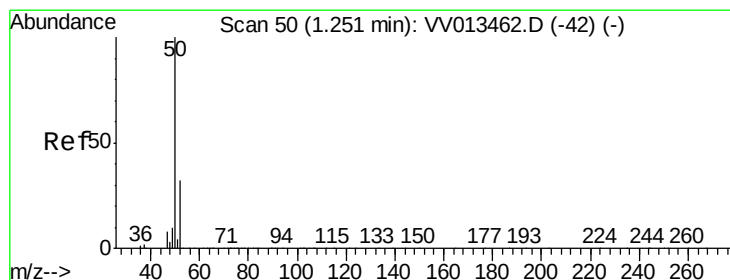
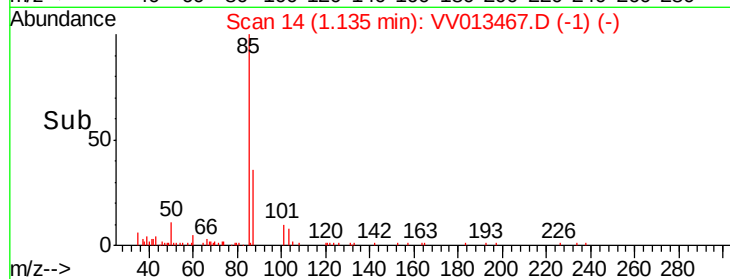
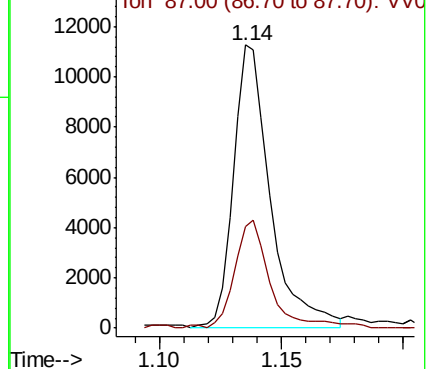
Ion Ratio Lower Upper

85 100

87 36.4 22.2 41.2



Abundance Ion 85.00 (84.70 to 85.70): VV0



#3

Chloromethane

Concen: 1.091 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV013467.D

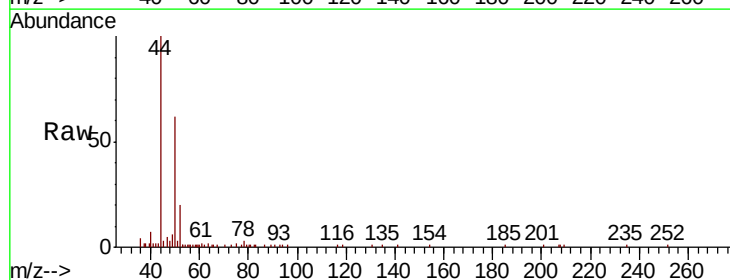
Acq: 01 Nov 2019 14:30

Tgt Ion: 50 Resp: 11233

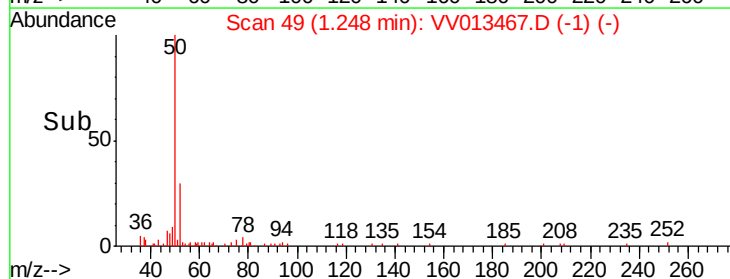
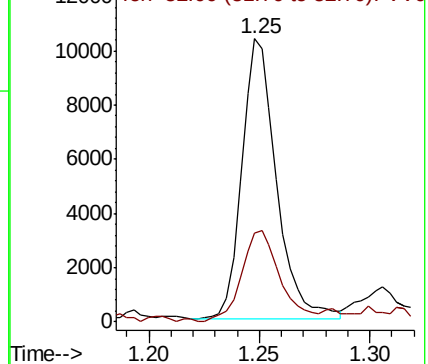
Ion Ratio Lower Upper

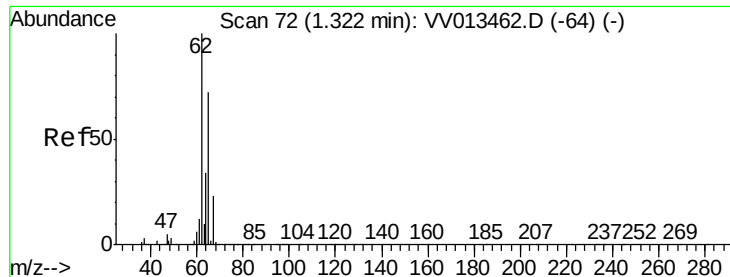
50 100

52 31.6 22.2 41.2



Abundance Ion 50.00 (49.70 to 50.70): VV0





#5

Vinyl chloride

Concen: 1.160 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

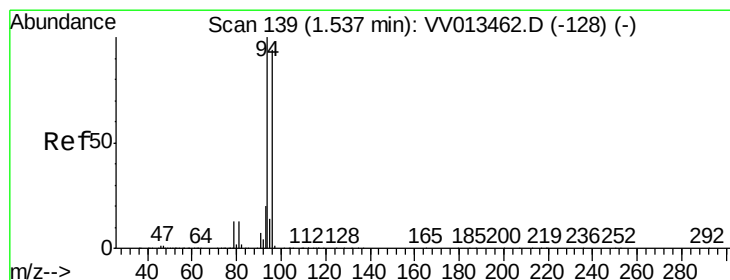
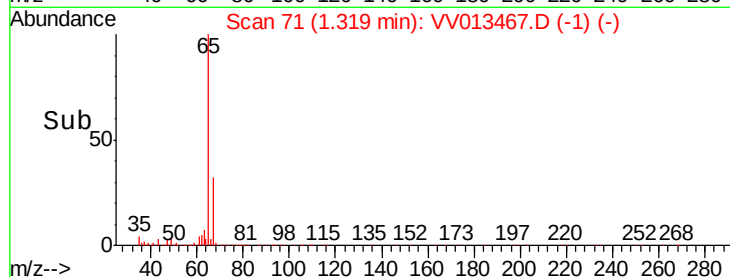
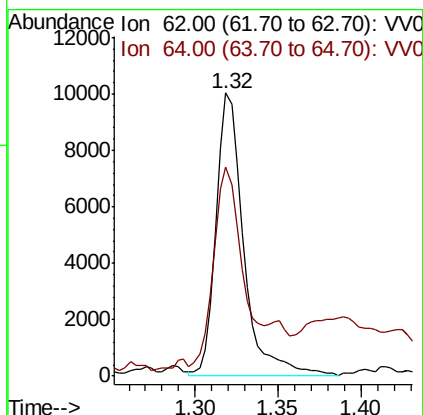
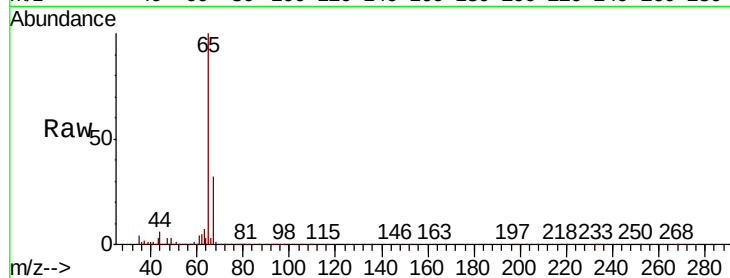
ClientSampled :

Tot Ion: 62 Resp: 11693

Ion Ratio Lower Upper

62 100

64 73.8 23.8 44.2#



#6

Bromomethane

Concen: 1.147 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV013467.D

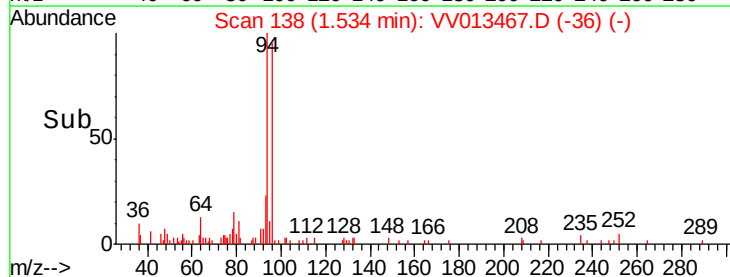
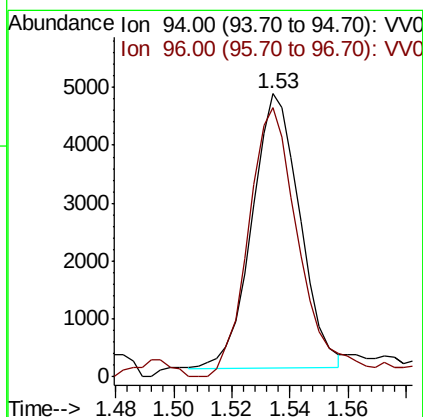
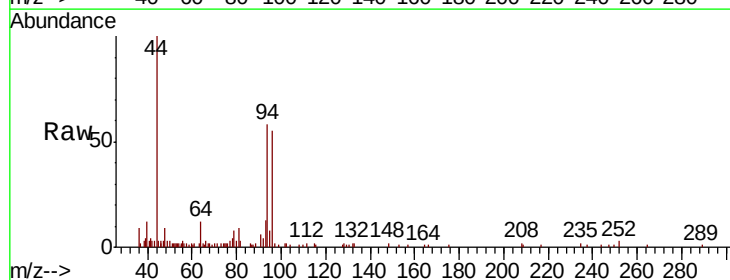
Acq: 01 Nov 2019 14:30

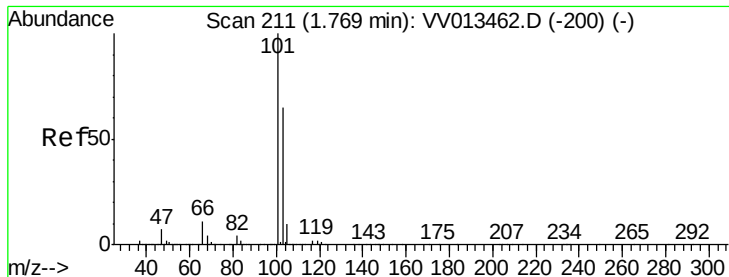
Tgt Ion: 94 Resp: 5436

Ion Ratio Lower Upper

94 100

96 104.2 9.4 177.8



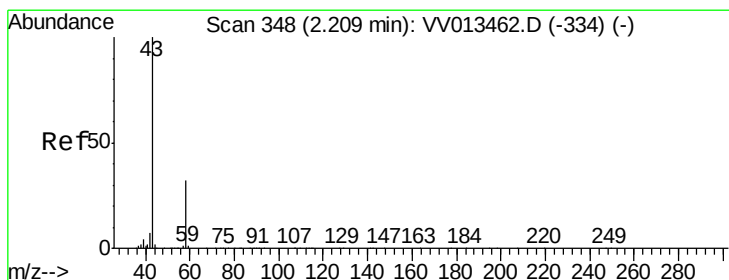
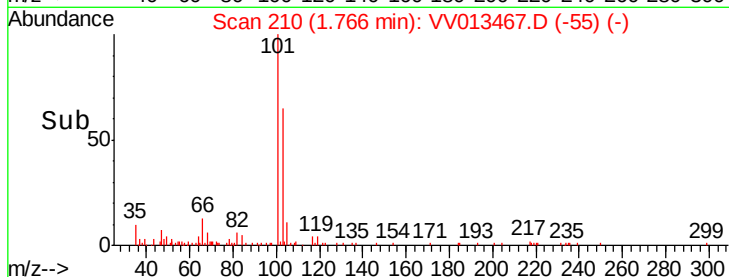
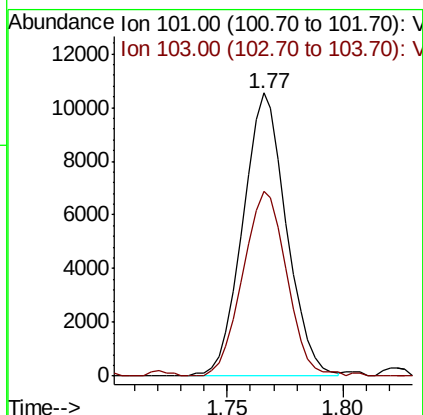
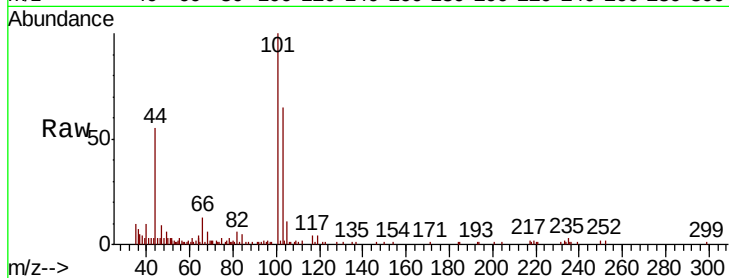


#9

Trichlorofluoromethane
 Concen: 0.998 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Instrument :
 MSVOA_V
 ClientSampleId :

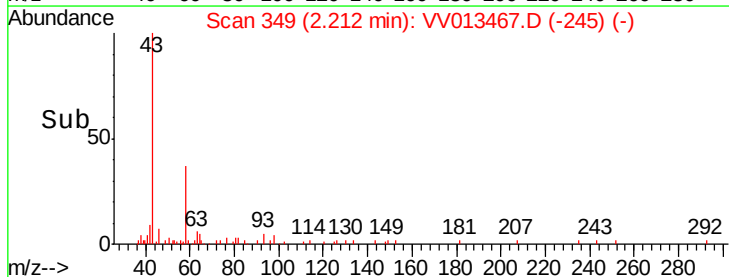
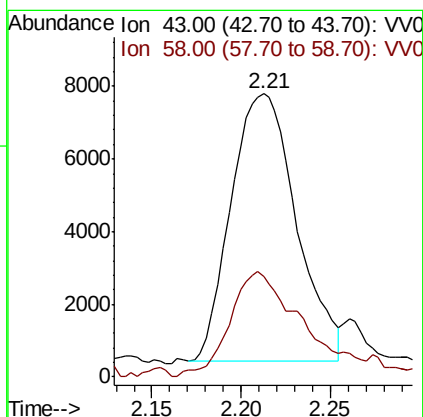
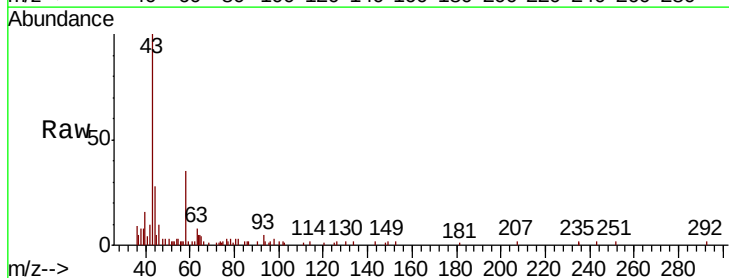
Tot Ion:101 Resp: 13773
 Ion Ratio Lower Upper
 101 100
 103 65.1 45.1 83.9

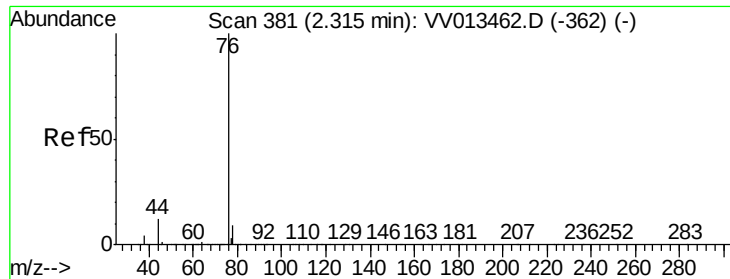


#13

Acetone
 Concen: 3.755 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Tgt Ion: 43 Resp: 18777
 Ion Ratio Lower Upper
 43 100
 58 31.7 0.0 63.2





#14

Carbon disulfide

Concen: 0.978 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

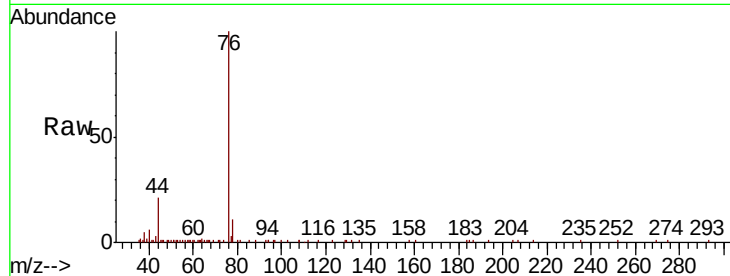
ClientSampleId :

Tot Ion: 76 Resp: 29530

Ion Ratio Lower Upper

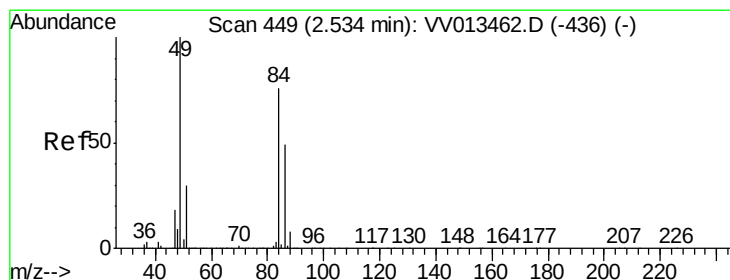
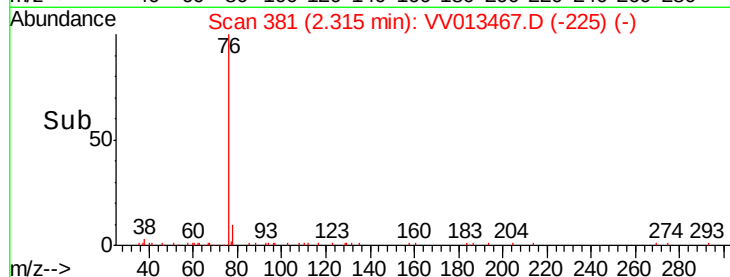
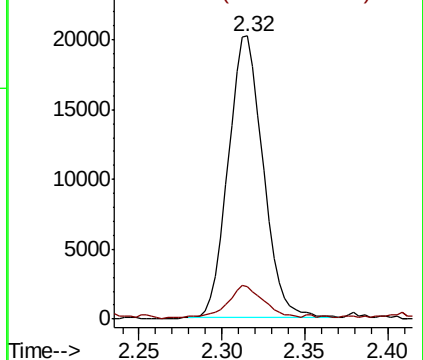
76 100

78 11.4 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 2.261 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

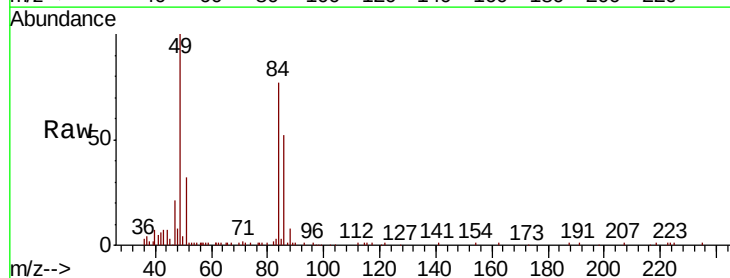
Tgt Ion: 84 Resp: 27252

Ion Ratio Lower Upper

84 100

49 129.2 92.4 171.6

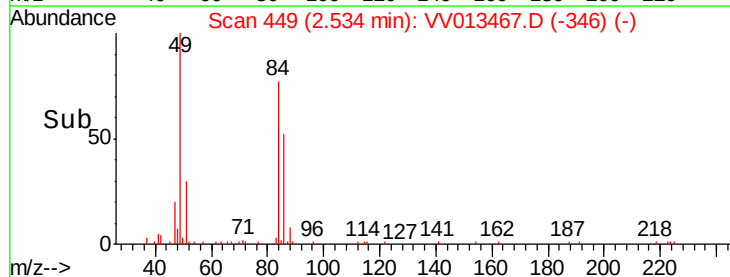
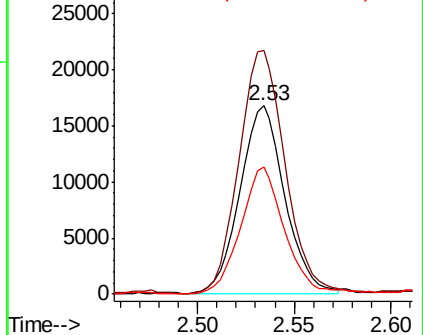
86 67.4 45.1 83.7

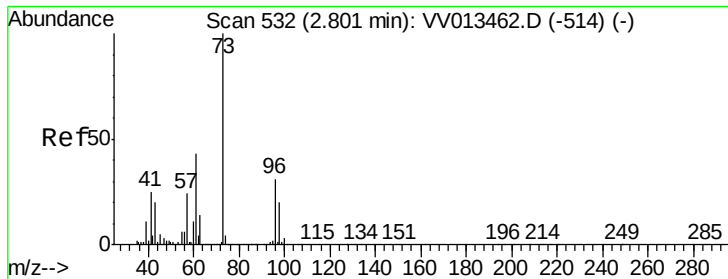


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

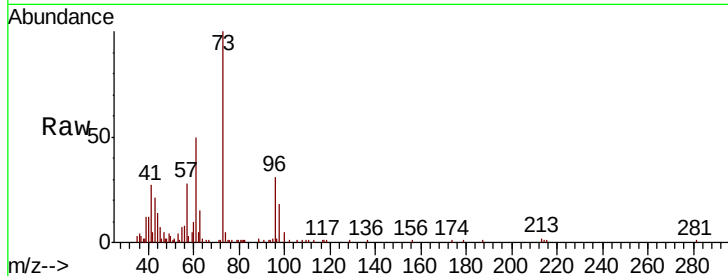




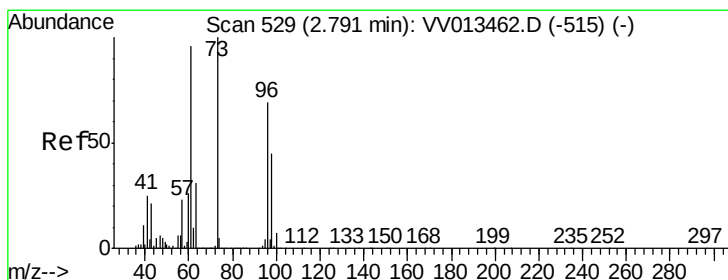
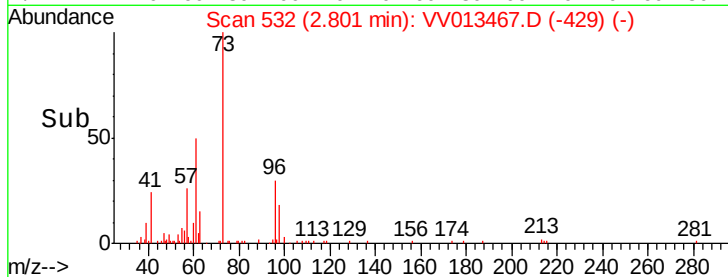
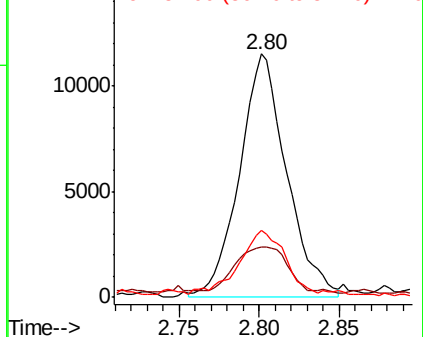
#17
Methyl tert-butyl Ether
Concen: 0.909 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 23233
Ion Ratio Lower Upper
73 100
43 21.1 16.2 24.2
57 26.8 18.6 27.8

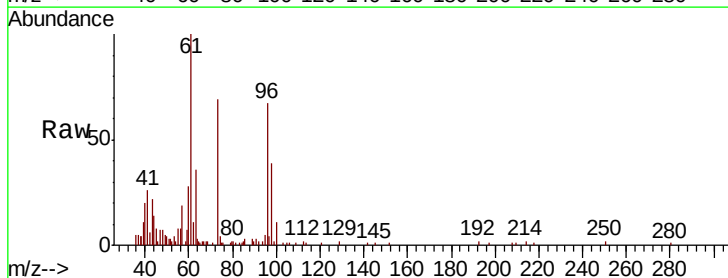


Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

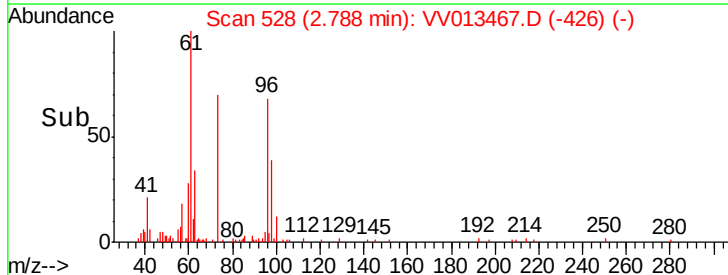
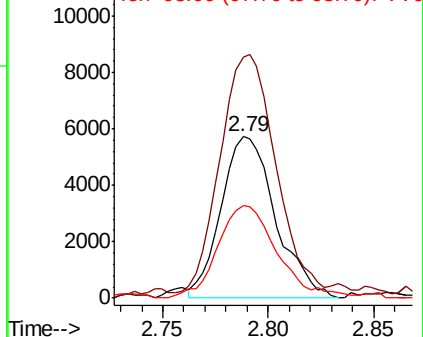


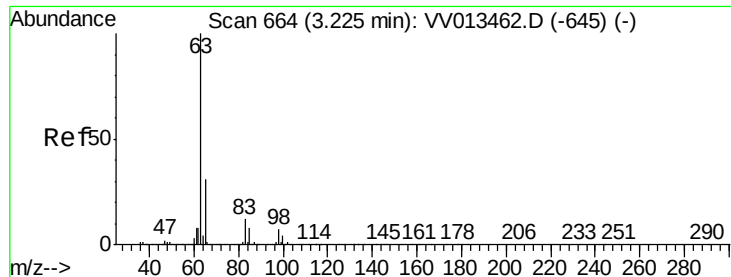
#18
trans-1,2-Dichloroethene
Concen: 0.990 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

Tgt Ion: 96 Resp: 10281
Ion Ratio Lower Upper
96 100
61 149.2 98.0 182.0
98 57.6 45.6 84.8



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

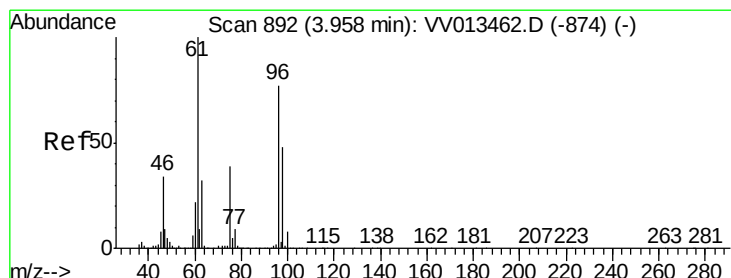
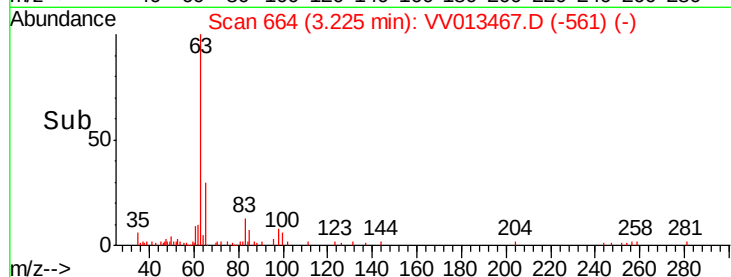
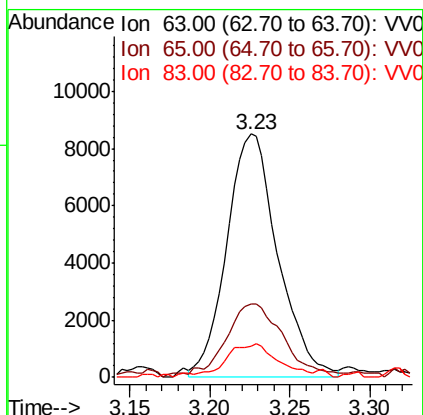
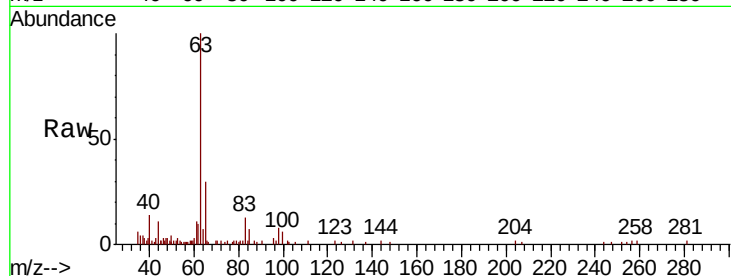




#19
 1,1-Dichloroethane
 Concen: 0.984 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

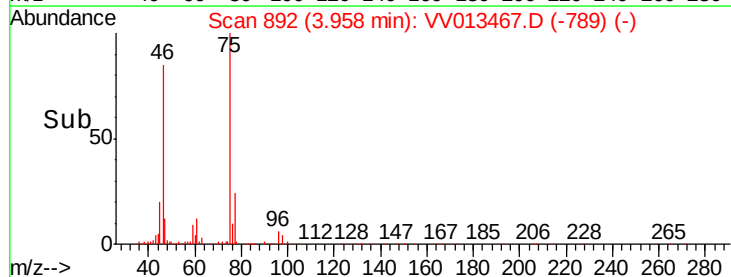
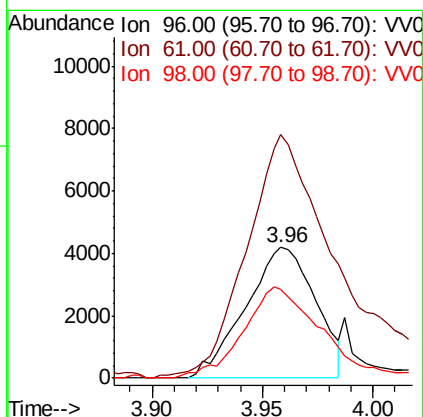
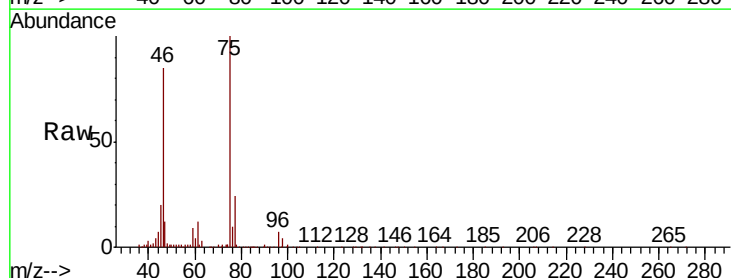
Instrument :
 MSVOA_V
 ClientSampled :

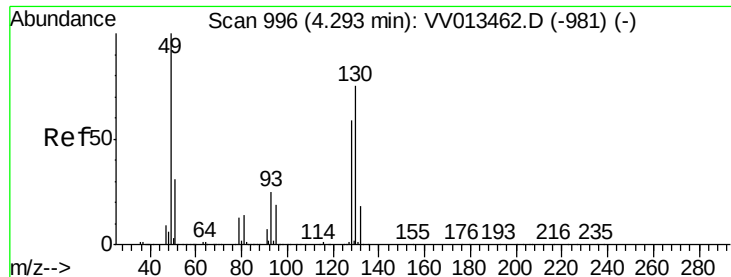
Tot Ion: 63 Resp: 18630
 Ion Ratio Lower Upper
 63 100
 65 30.1 21.7 40.3
 83 13.0 8.8 16.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.844 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Tgt Ion: 96 Resp: 9215
 Ion Ratio Lower Upper
 96 100
 61 186.1 91.5 169.9#
 98 67.9 43.8 81.3





#23

Bromochloromethane

Concen: 0.932 ug/L

RT: 4.30 min Scan# 997

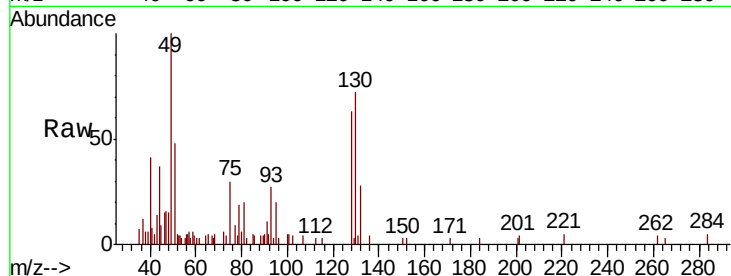
Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	128	Resp:	4879
Ion	Ratio	Lower	Upper
128	100		
49	158.4	118.2	219.4
130	113.9	89.0	165.4
51	76.3	42.2	63.4#

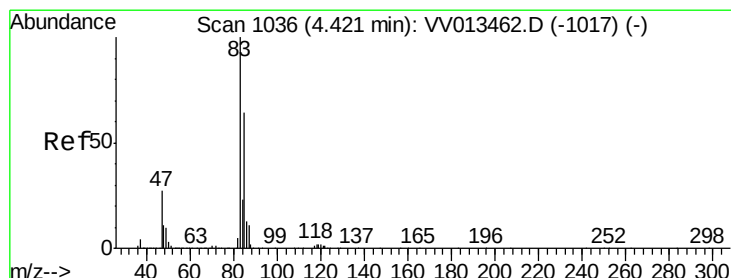
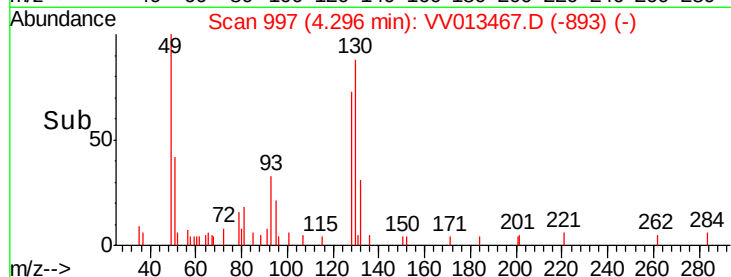
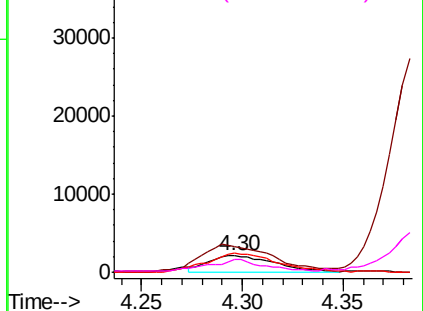


Abundance Ion 128.00 (127.70 to 128.70): VV013467.D (-997) (-)

Ion 49.00 (48.70 to 49.70): VV013467.D (-997) (-)

Ion 130.00 (129.70 to 130.70): VV013467.D (-997) (-)

Ion 51.00 (50.70 to 51.70): VV013467.D (-997) (-)



#25

Chloroform

Concen: 1.786 ug/L

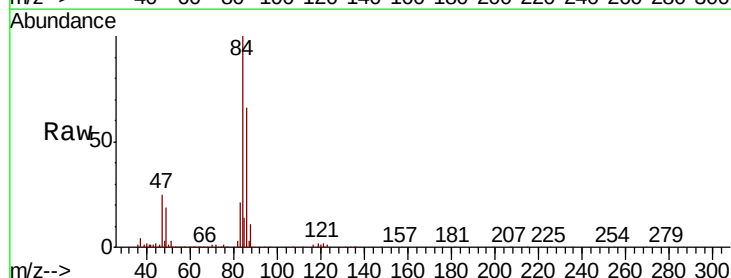
RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VV013467.D

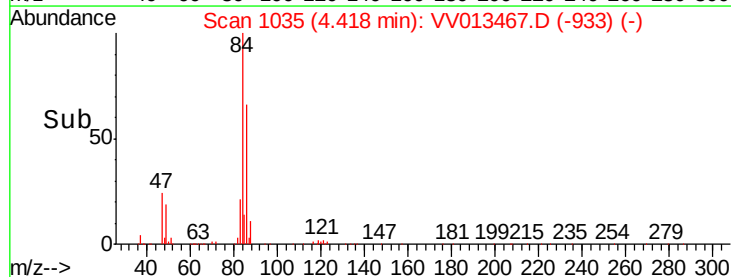
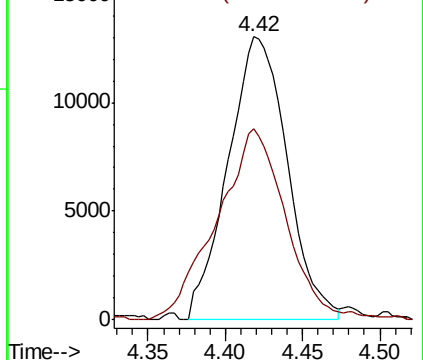
Acq: 01 Nov 2019 14:30

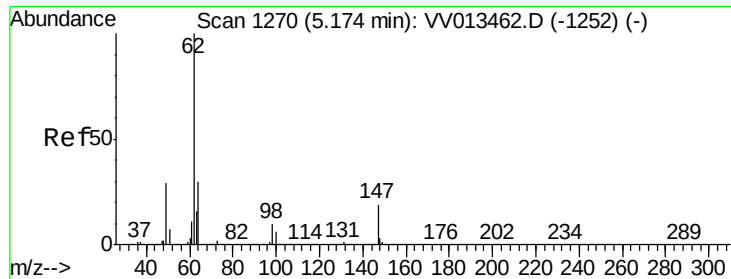
Tgt Ion:	83	Resp:	34604
Ion	Ratio	Lower	Upper
83	100		
85	77.8	45.8	85.0



Abundance Ion 83.00 (82.70 to 83.70): VV013467.D (-1035) (-)

Ion 85.00 (84.70 to 85.70): VV013467.D (-1035) (-)





#27

1,2-Dichloroethane

Concen: 0.915 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

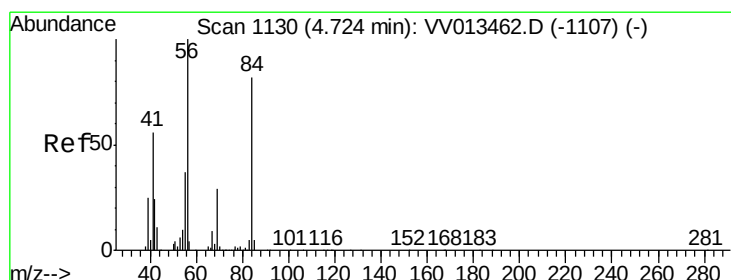
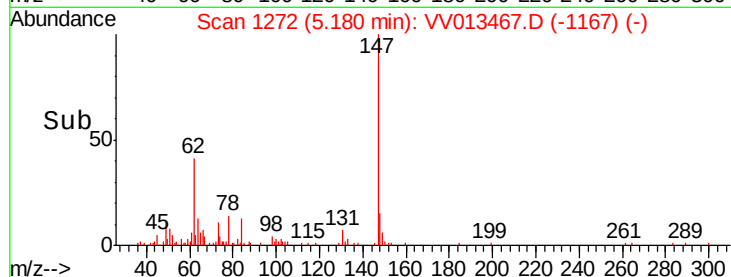
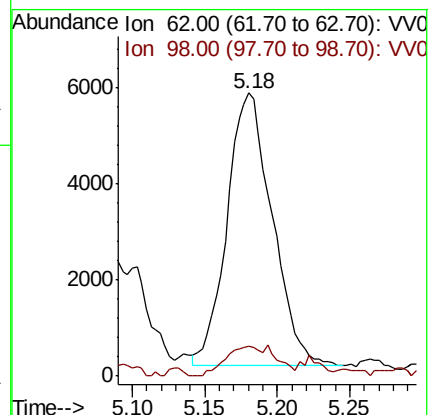
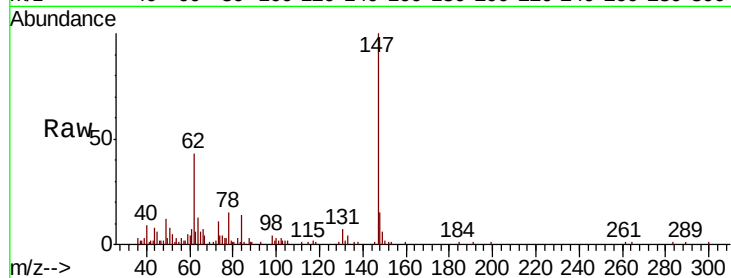
ClientSampled :

Tot Ion: 62 Resp: 12306

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.6



#30

Cyclohexane

Concen: 1.015 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

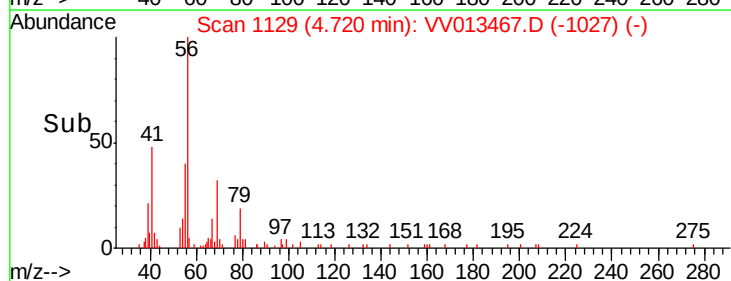
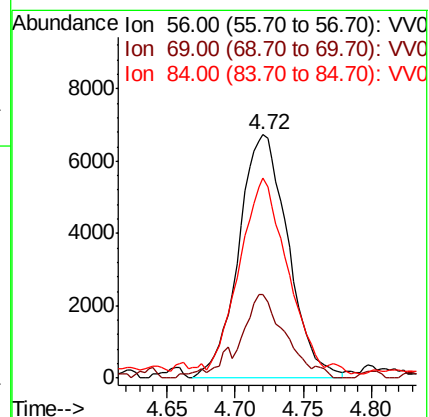
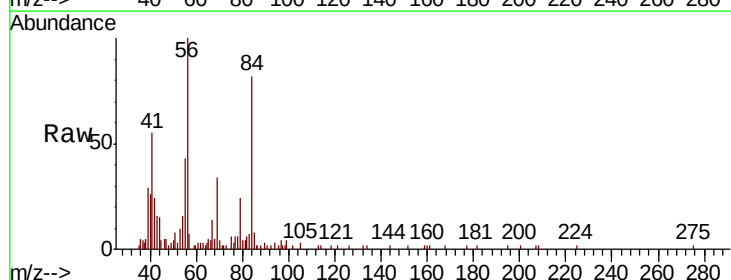
Tgt Ion: 56 Resp: 16892

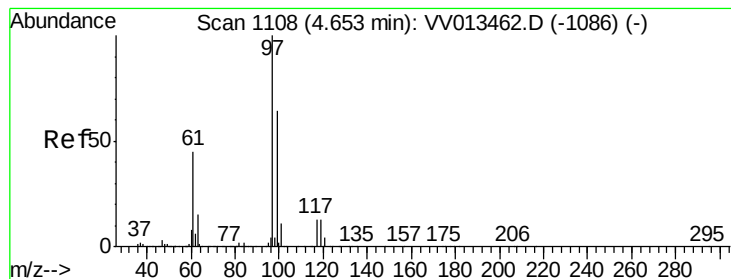
Ion Ratio Lower Upper

56 100

69 26.7 23.0 34.6

84 76.7 66.2 99.4





#31

1,1,1-Trichloroethane

Concen: 1.033 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

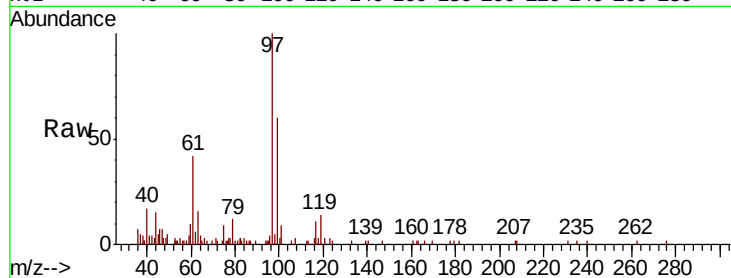
Tot Ion: 97 Resp: 16161

Ion Ratio Lower Upper

97 100

99 58.5 51.1 76.7

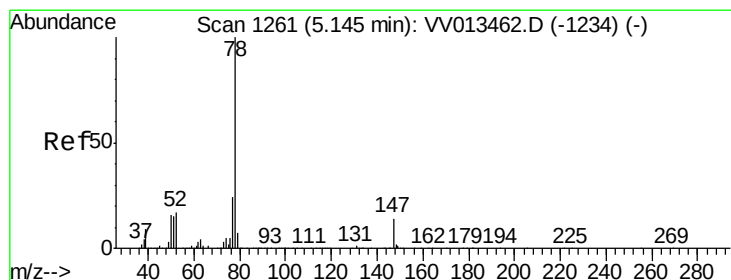
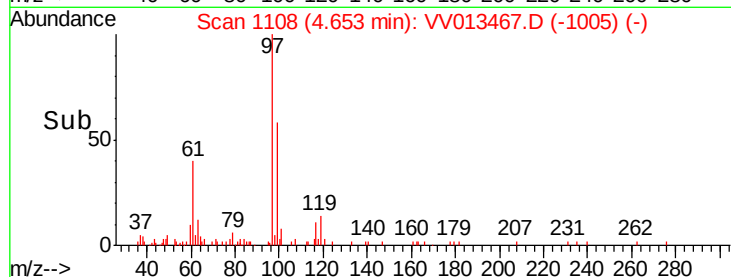
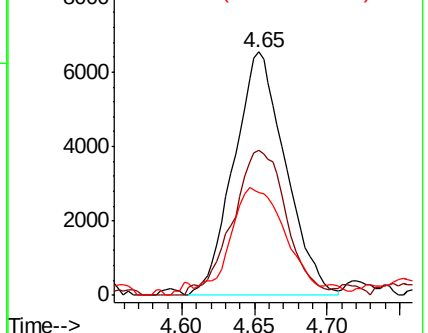
61 43.1 36.3 54.5



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.00 (60.70 to 61.70): VV0



#34

Benzene

Concen: 0.970 ug/L

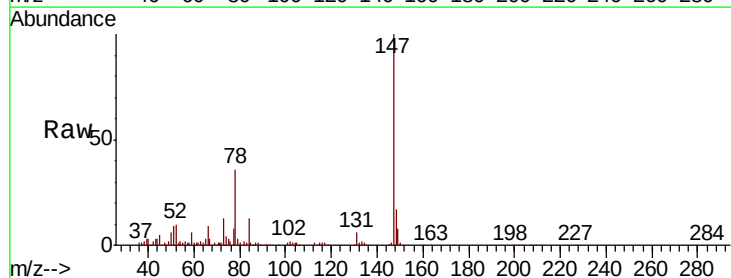
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

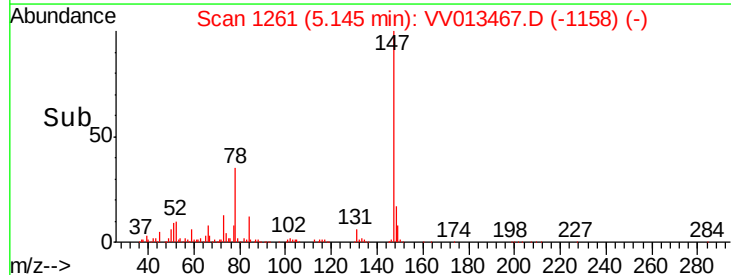
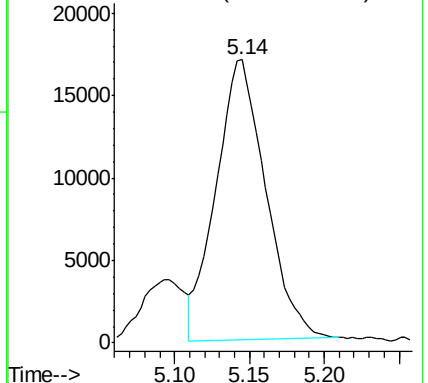
Lab File: VV013467.D

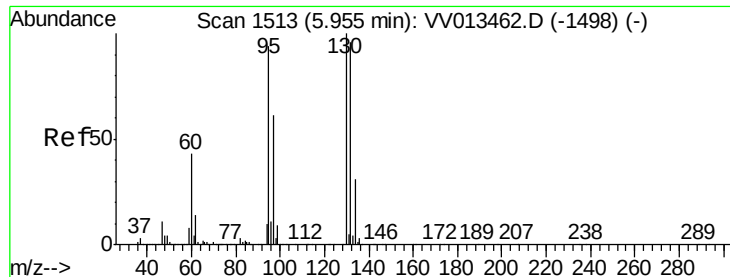
Acq: 01 Nov 2019 14:30

Tgt Ion: 78 Resp: 39213



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 1.096 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 11967

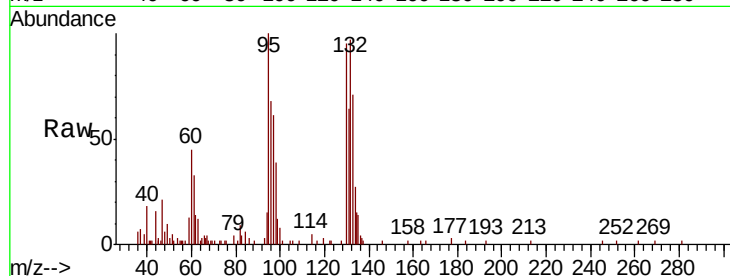
Ion Ratio Lower Upper

95 100

97 65.4 44.7 83.1

132 101.9 71.0 131.8

130 103.2 74.1 137.7

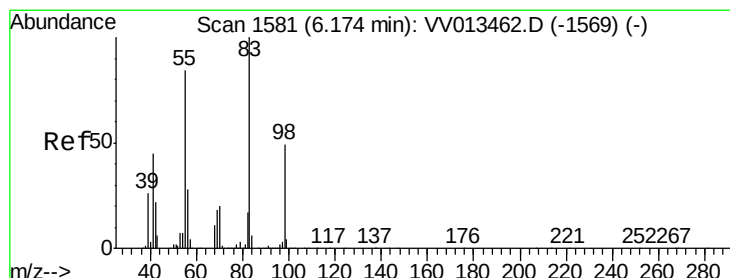
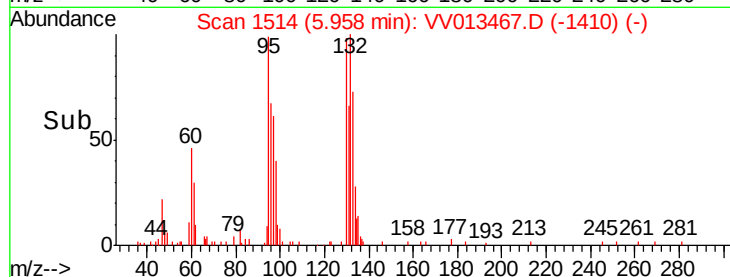
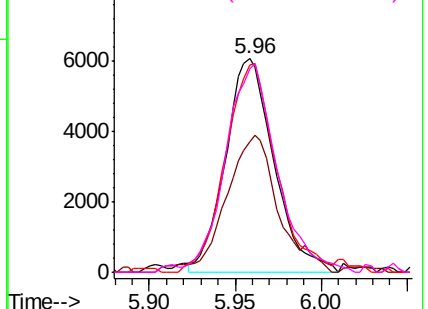


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

Concen: 0.952 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

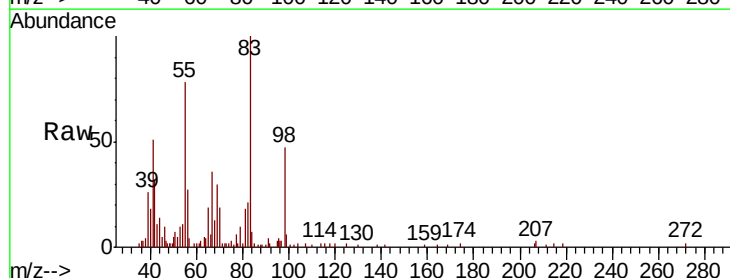
Tgt Ion: 83 Resp: 16268

Ion Ratio Lower Upper

83 100

55 81.6 64.2 96.4

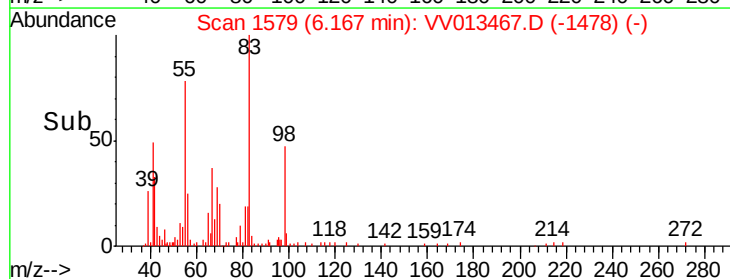
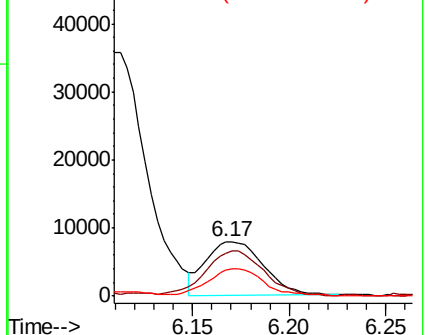
98 50.5 38.4 57.6

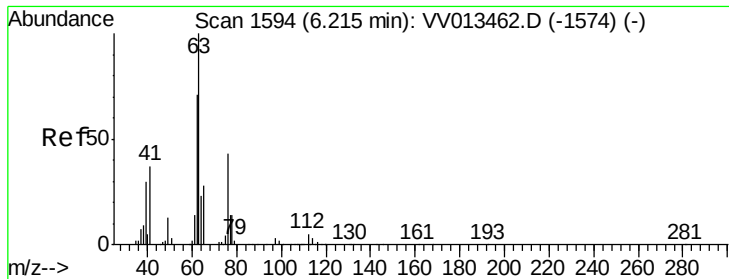


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#40

1,2-Dichloropropane

Concen: 1.021 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

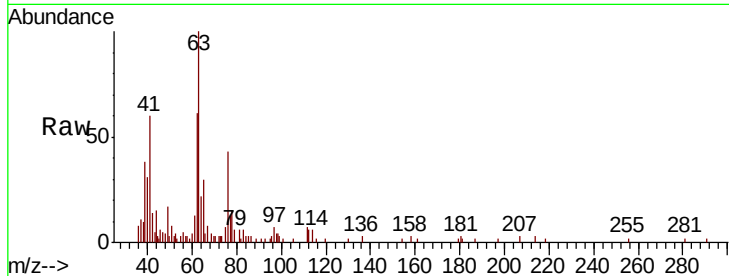
ClientSampled :

Tot Ion: 63 Resp: 10402

Ion Ratio Lower Upper

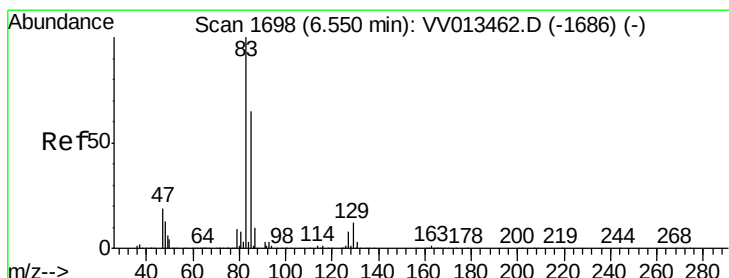
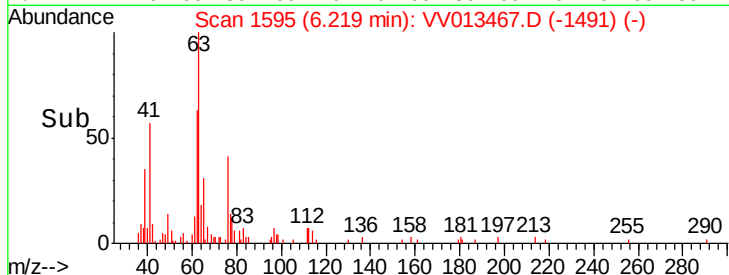
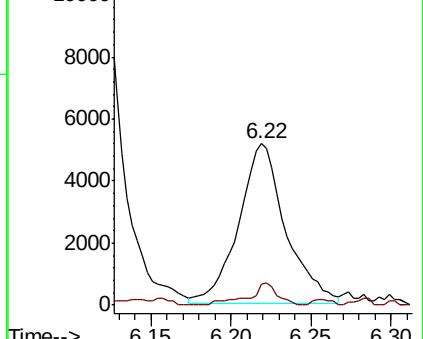
63 100

112 8.5 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV013462.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV013462.D (-1574) (-)



#41

Bromodichloromethane

Concen: 0.924 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

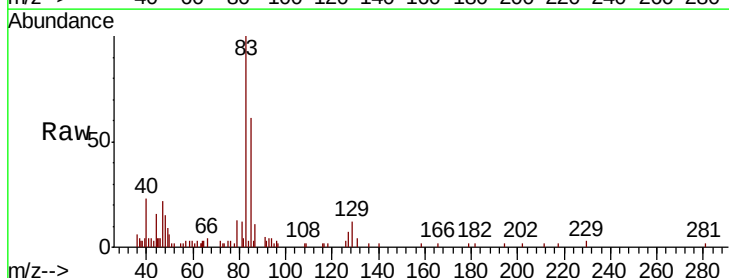
Tgt Ion: 83 Resp: 12107

Ion Ratio Lower Upper

83 100

85 60.8 45.4 84.4

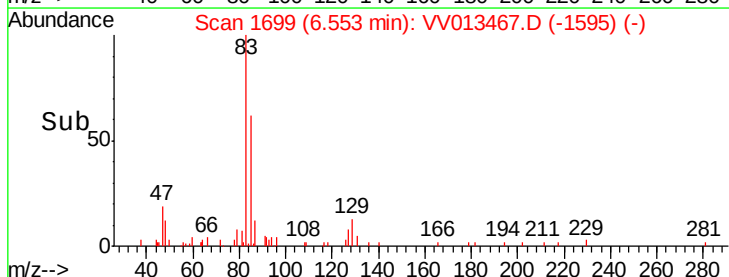
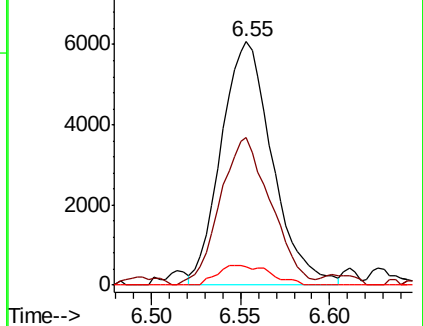
127 7.5 6.7 10.1

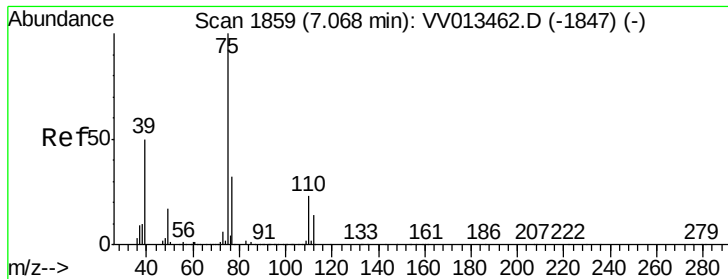


Abundance Ion 83.00 (82.70 to 83.70): VV013462.D (-1686) (-)

Ion 85.00 (84.70 to 85.70): VV013462.D (-1686) (-)

Ion 127.00 (126.70 to 127.70): VV013462.D (-1686) (-)



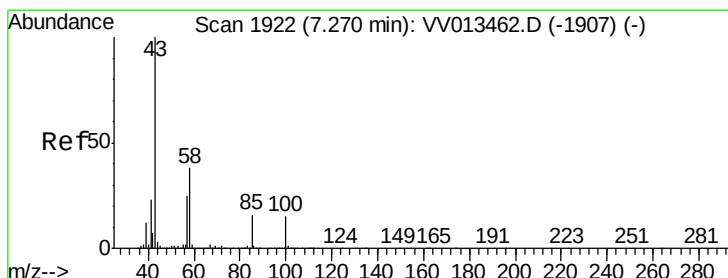
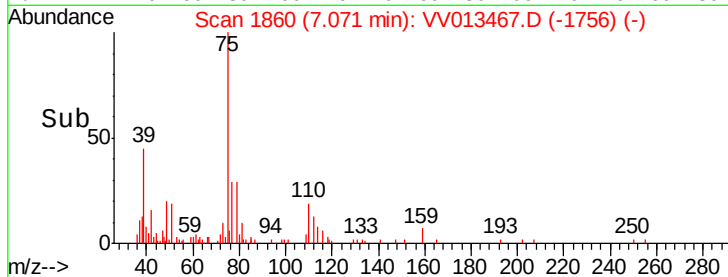
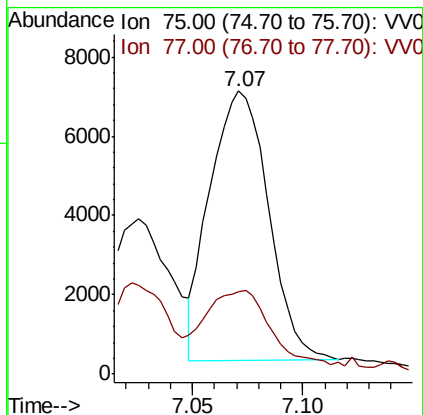
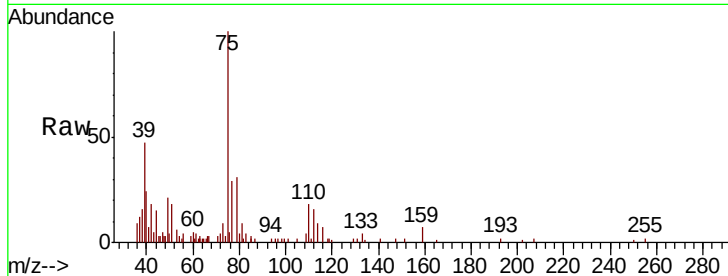


#42

cis-1,3-Dichloropropene
 Concen: 0.828 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Instrument :
 MSVOA_V
 ClientSampleId :

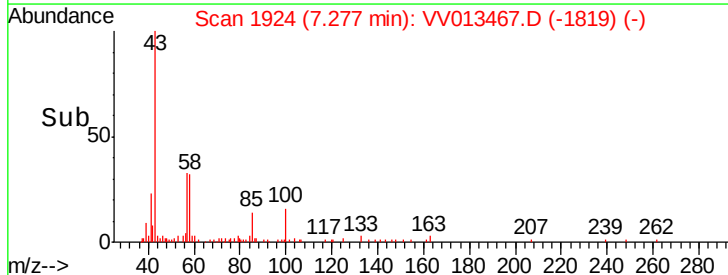
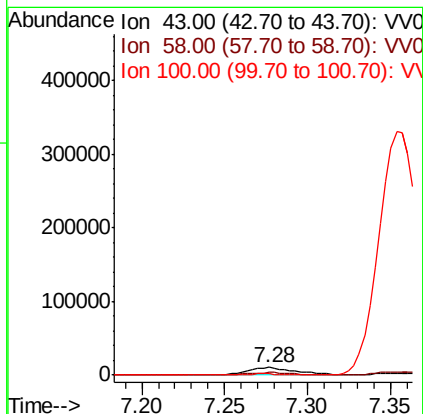
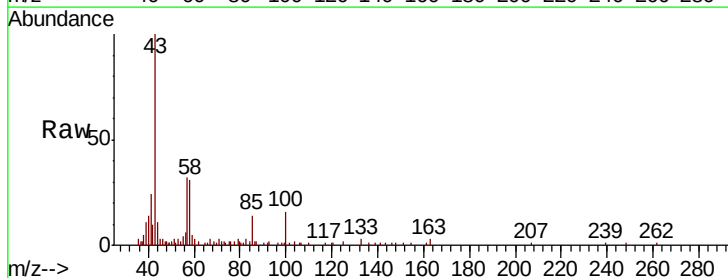
Tot Ion: 75 Resp: 12510
 Ion Ratio Lower Upper
 75 100
 77 29.1 22.7 42.1

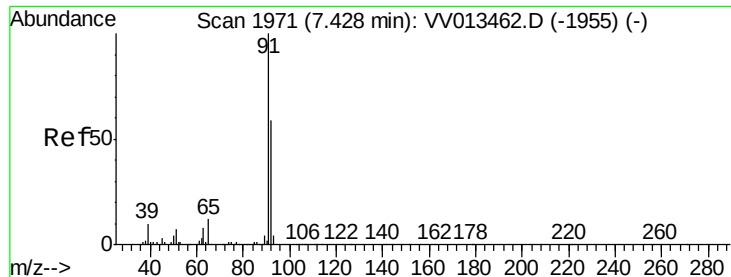


#43

4-Methyl-2-pentanone
 Concen: 2.193 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Tgt Ion: 43 Resp: 20621
 Ion Ratio Lower Upper
 43 100
 58 34.3 29.9 44.9
 100 15.6 11.5 17.3





#44

Toluene

Concen: 1.079 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

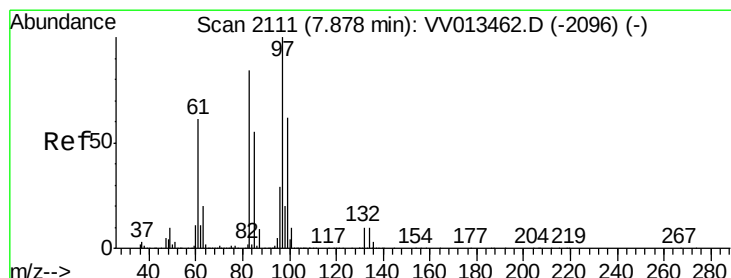
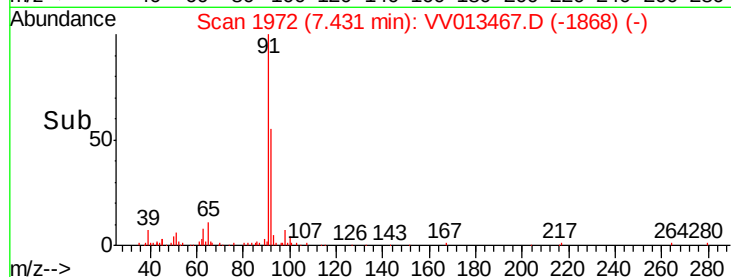
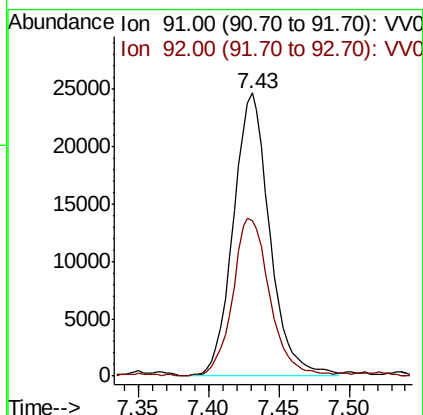
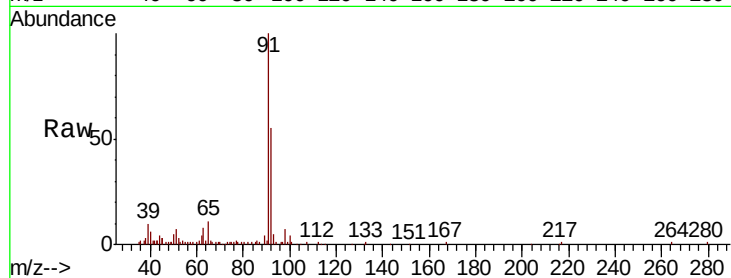
ClientSampled :

Tot Ion: 91 Resp: 44576

Ion Ratio Lower Upper

91 100

92 55.0 41.4 76.8



#46

1,1,2-Trichloroethane

Concen: 1.067 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Tgt Ion: 97 Resp: 8704

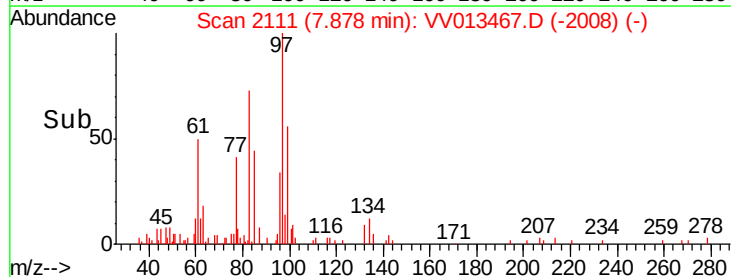
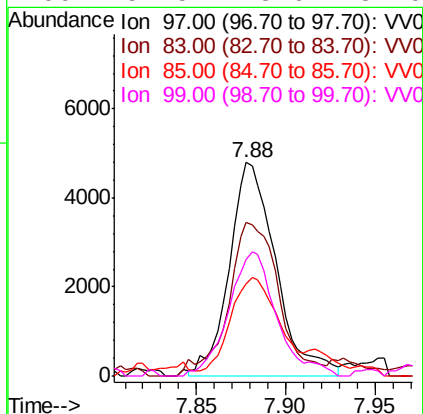
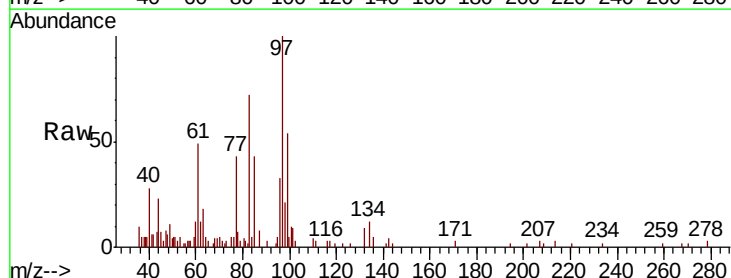
Ion Ratio Lower Upper

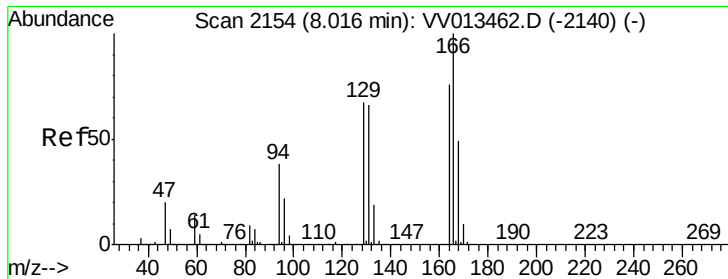
97 100

83 71.7 58.9 109.3

85 43.1 38.6 71.6

99 54.5 43.6 81.0





#47

Tetrachloroethene

Concen: 1.086 ug/L

RT: 8.02 min Scan# 2154

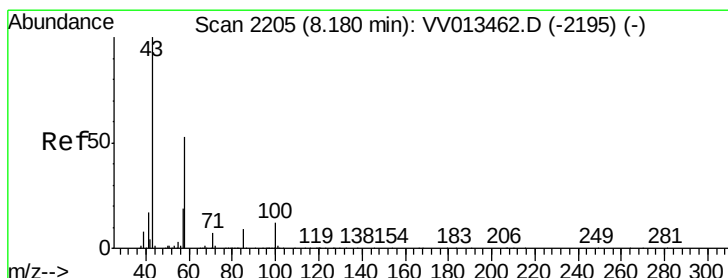
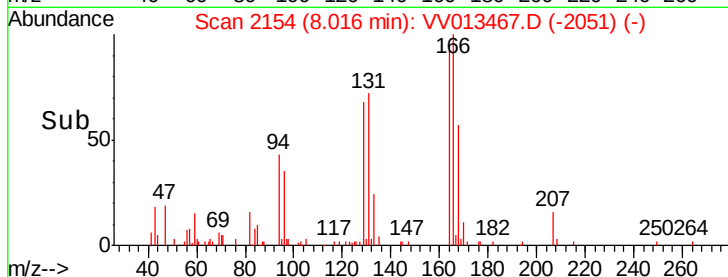
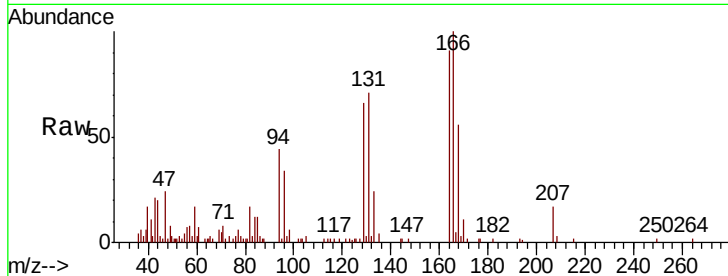
Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	164	Resp:	10050
Ion	Ratio	Lower	Upper
164	100		
129	75.9	61.8	114.8
131	78.1	61.0	113.2
166	110.1	92.1	171.1



#49

2-Hexanone

Concen: 4.054 ug/L

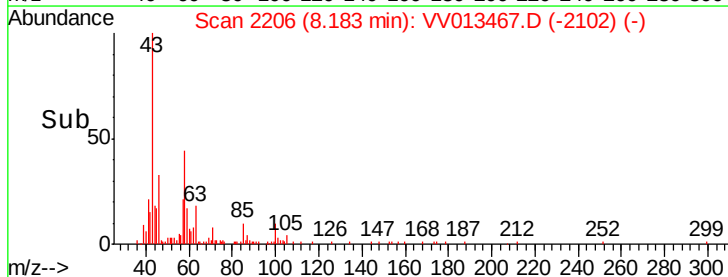
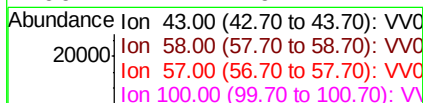
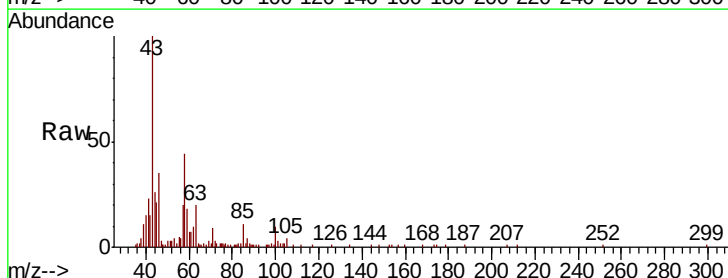
RT: 8.18 min Scan# 2206

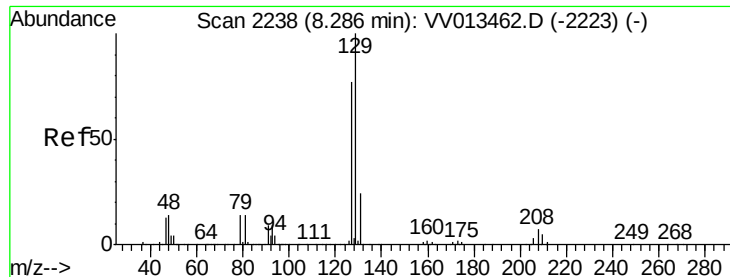
Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Tgt Ion:	43	Resp:	27746
Ion	Ratio	Lower	Upper
43	100		
58	40.4	43.8	65.8#
57	17.7	15.0	22.4
100	12.7	9.4	14.2





#50

Dibromochloromethane

Concen: 0.923 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

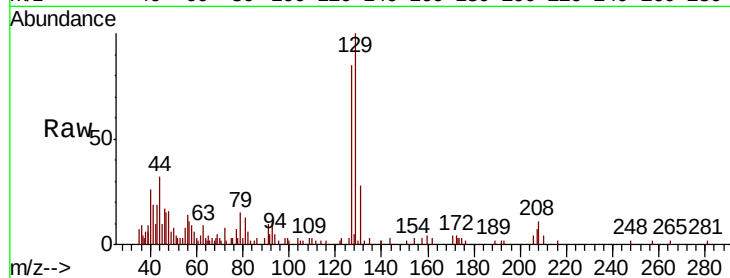
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 9007

Ion Ratio Lower Upper

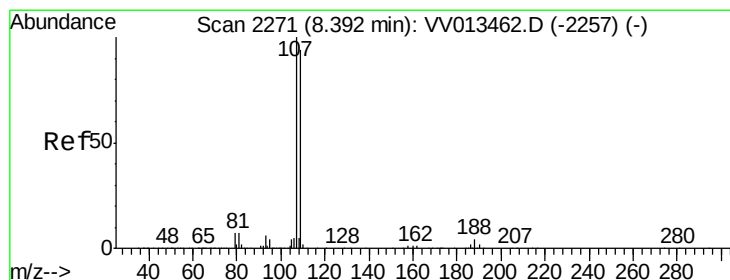
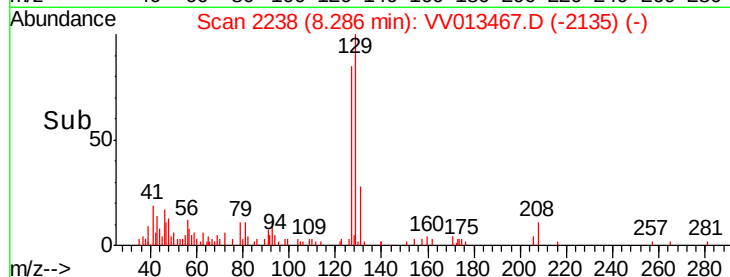
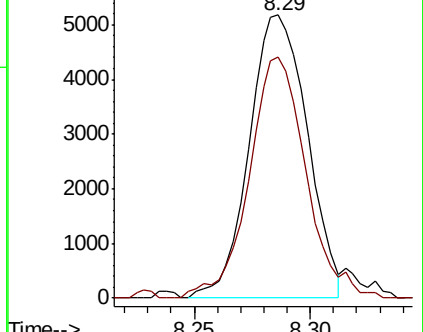
129 100

127 85.2 53.9 100.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#51

1,2-Dibromoethane

Concen: 0.986 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

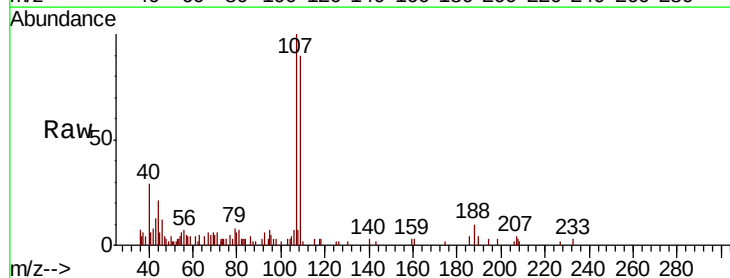
Tgt Ion:107 Resp: 8320

Ion Ratio Lower Upper

107 100

109 90.2 65.6 121.8

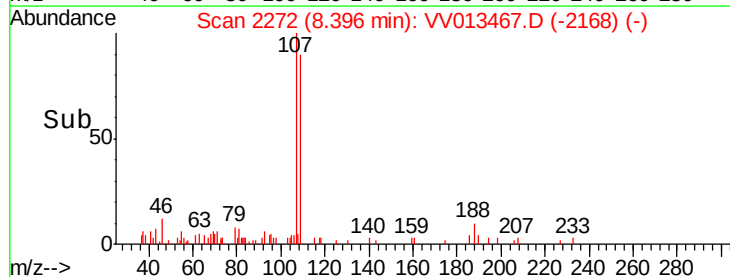
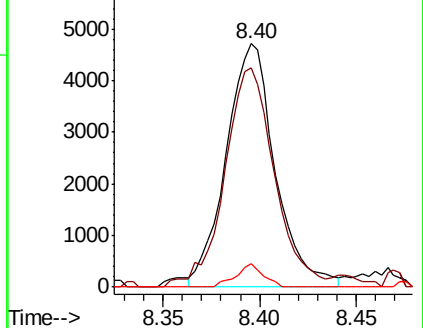
188 9.5 3.5 5.3#

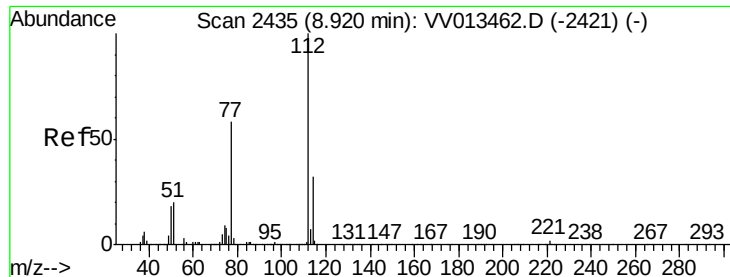


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#52

Chlorobenzene

Concen: 0.952 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

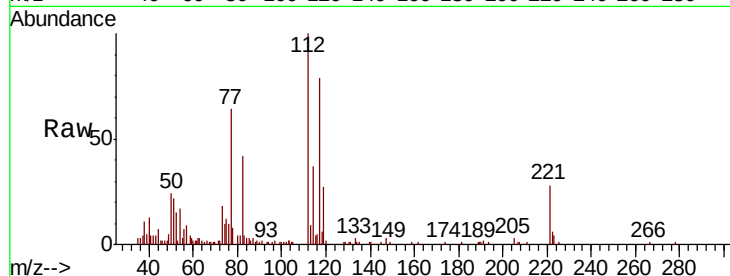
Tot Ion:112 Resp: 26613

Ion Ratio Lower Upper

112 100

77 64.4 46.6 70.0

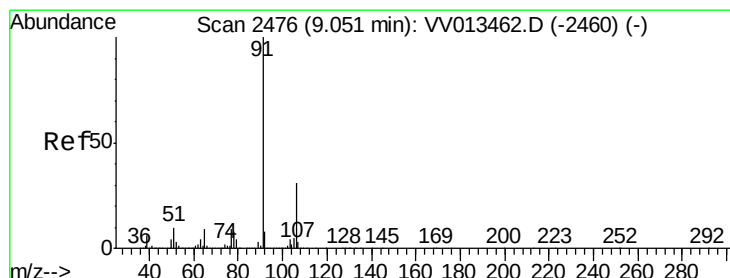
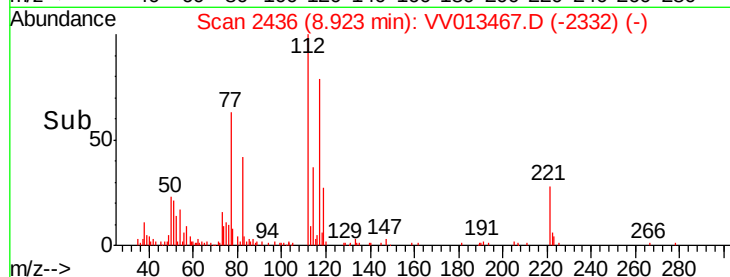
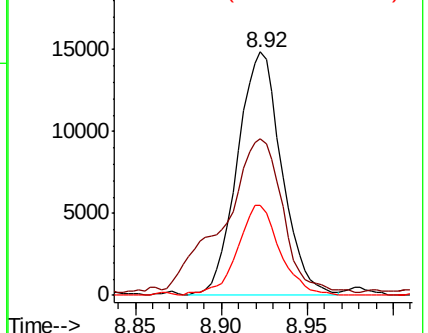
114 37.1 22.5 41.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V



#53

Ethylbenzene

Concen: 0.906 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013467.D

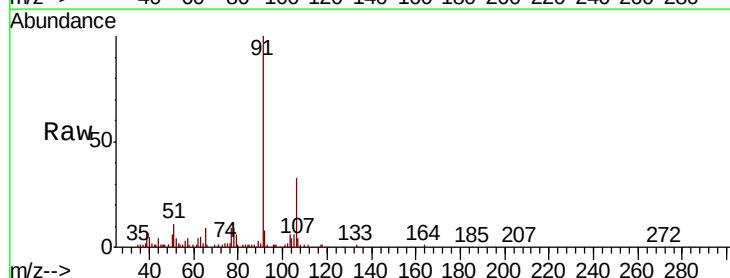
Acq: 01 Nov 2019 14:30

Tgt Ion: 91 Resp: 41270

Ion Ratio Lower Upper

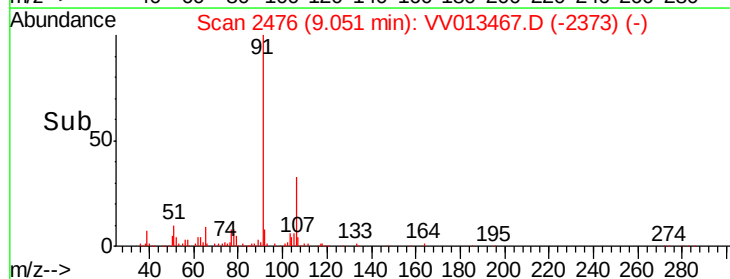
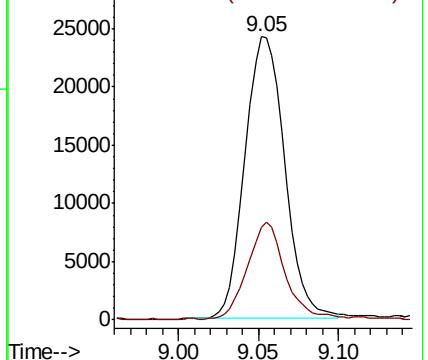
91 100

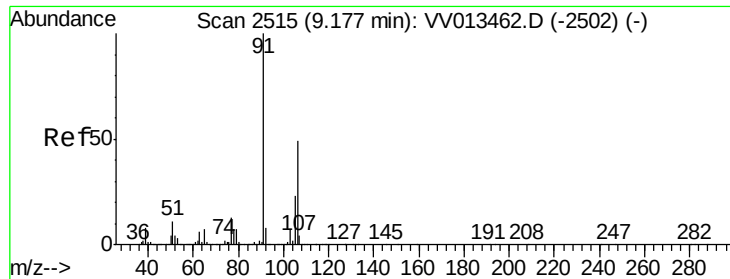
106 32.7 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 0.971 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

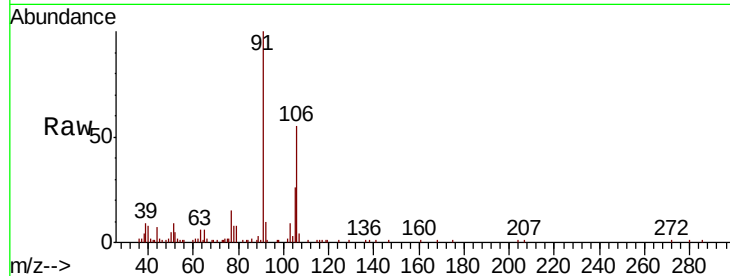
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 16636

Ion Ratio Lower Upper

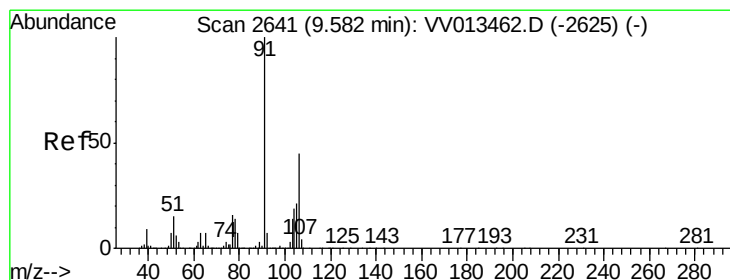
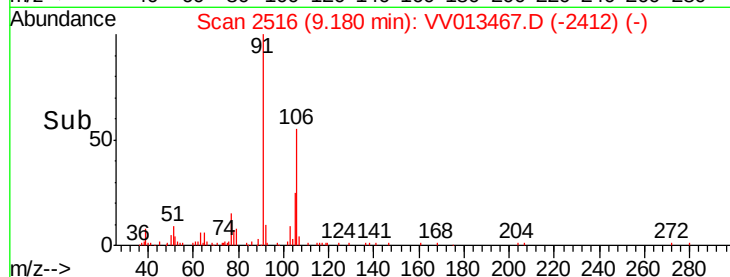
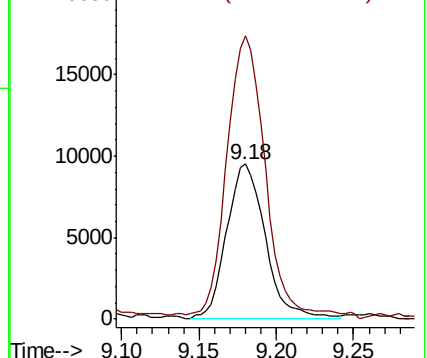
106 100

91 182.5 141.7 263.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 0.912 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013467.D

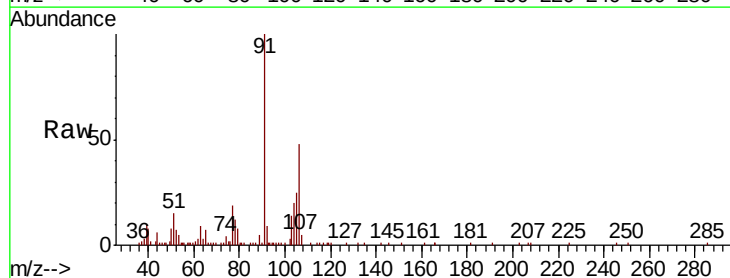
Acq: 01 Nov 2019 14:30

Tgt Ion:106 Resp: 14772

Ion Ratio Lower Upper

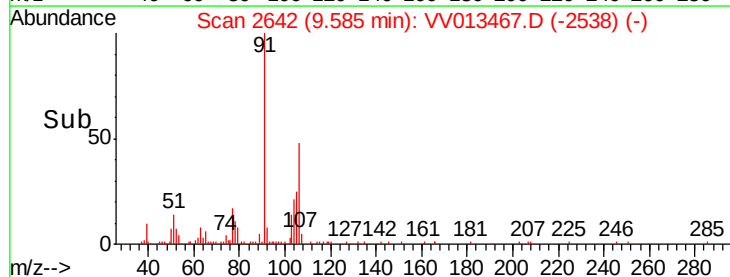
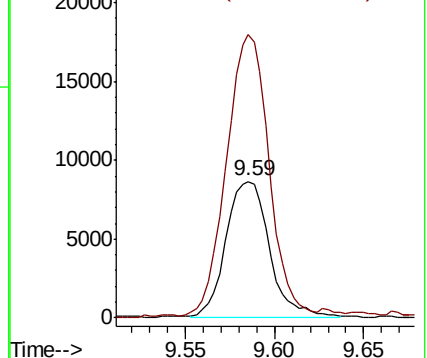
106 100

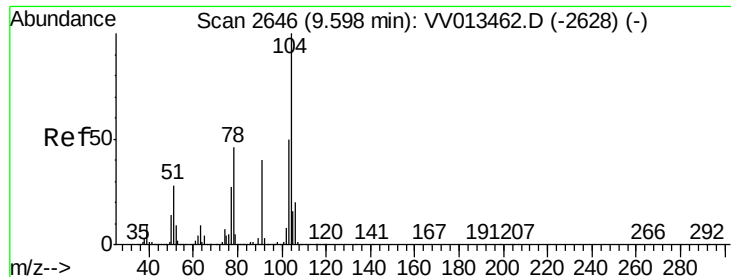
91 206.9 154.2 286.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

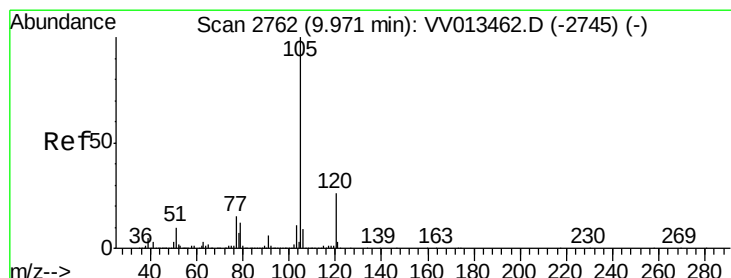
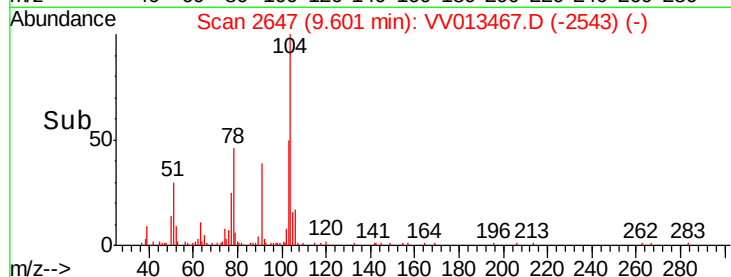
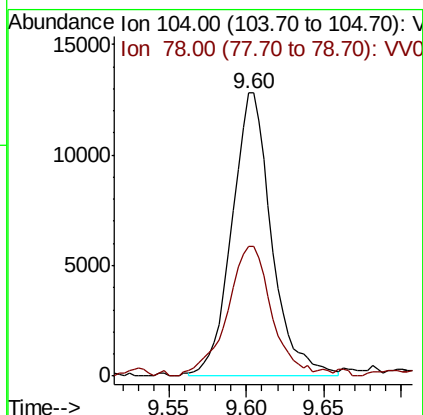
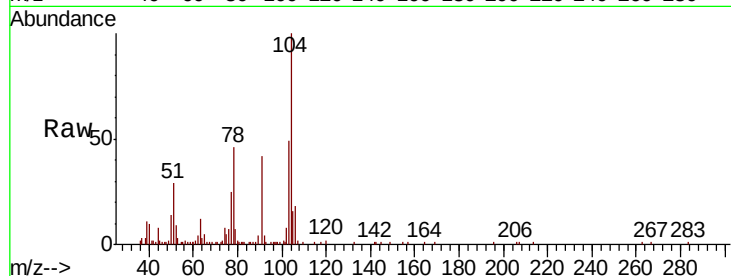




#56
Stvrene
Concen: 0.813 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

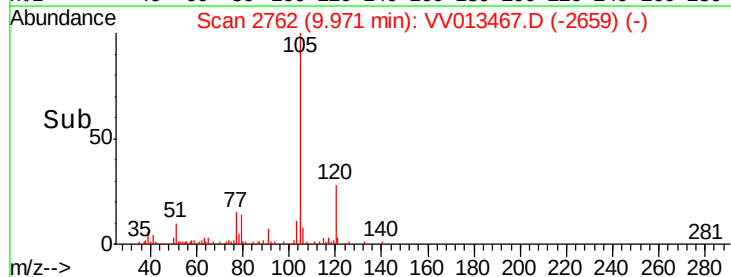
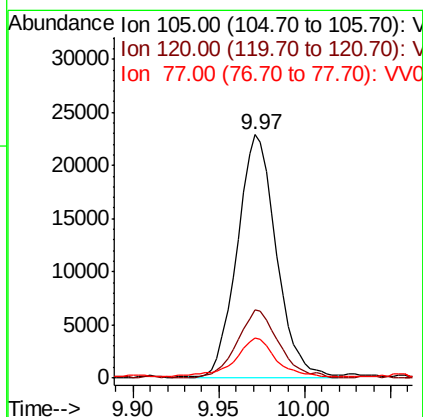
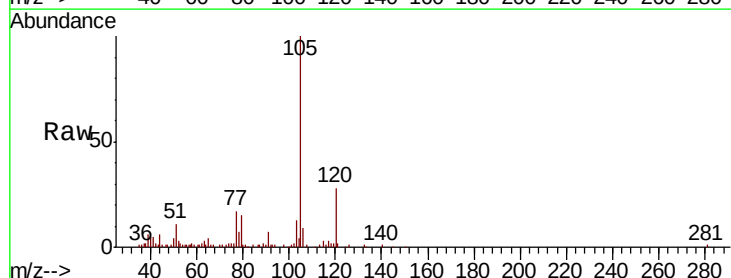
Instrument :
MSVOA_V
ClientSampleId :

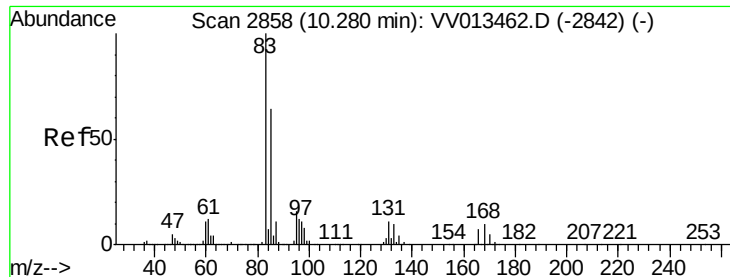
Tot Ion:104 Resp: 22843
Ion Ratio Lower Upper
104 100
78 46.0 32.1 59.5



#57
Isopropylbenzene
Concen: 0.834 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

Tgt Ion:105 Resp: 36429
Ion Ratio Lower Upper
105 100
120 29.1 21.1 31.7
77 17.0 12.3 18.5





#58

1,1,2,2-Tetrachloroethane

Concen: 1.059 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

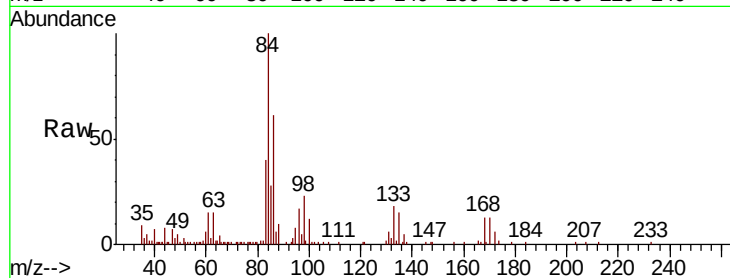
Tot Ion: 83 Resp: 11085

Ion Ratio Lower Upper

83 100

85 68.9 45.1 83.7

131 14.4 8.5 12.7#

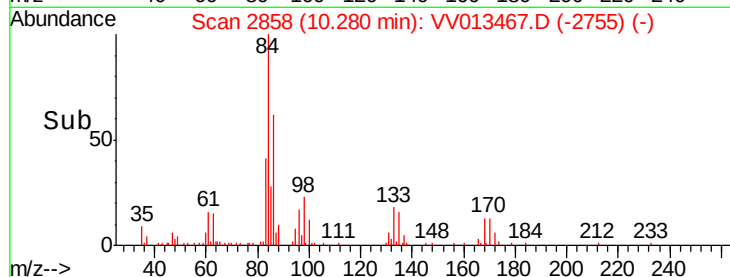


Abundance Ion 83.00 (82.70 to 83.70): VV013467.D (-2842) (-)

Ion 85.00 (84.70 to 85.70): VV013467.D (-2842) (-)

Ion 131.00 (130.70 to 131.70): VV013467.D (-2842) (-)

Time-->

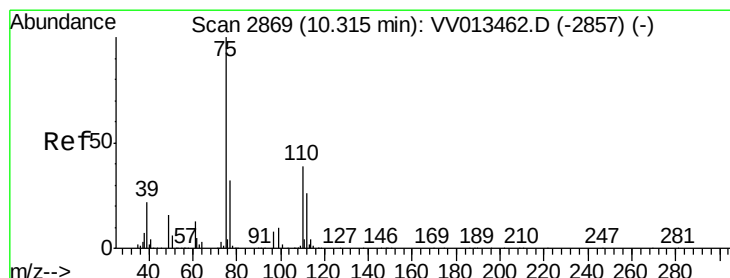


Abundance Ion 83.00 (82.70 to 83.70): VV013467.D (-2842) (-)

Ion 85.00 (84.70 to 85.70): VV013467.D (-2842) (-)

Ion 131.00 (130.70 to 131.70): VV013467.D (-2842) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.054 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV013467.D

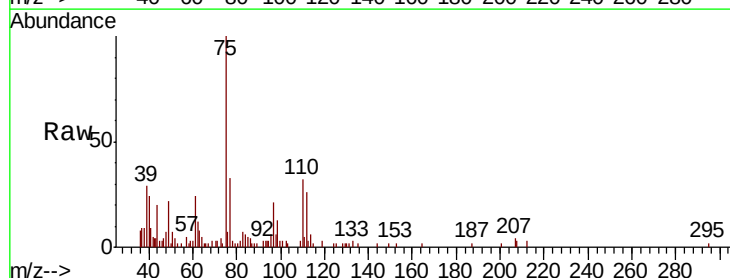
Acq: 01 Nov 2019 14:30

Tgt Ion: 75 Resp: 9248

Ion Ratio Lower Upper

75 100

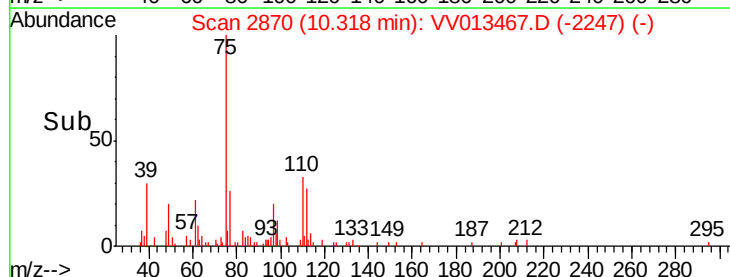
77 35.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV013467.D (-2842) (-)

Ion 77.00 (76.70 to 77.70): VV013467.D (-2842) (-)

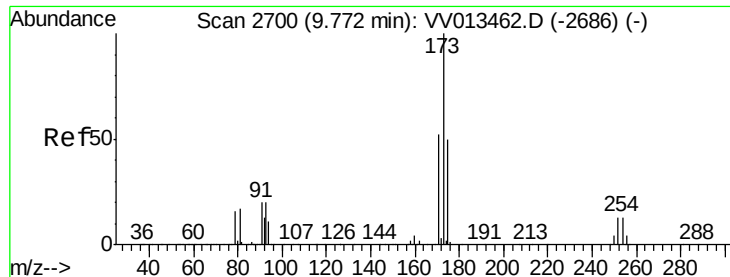
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VV013467.D (-2842) (-)

Ion 77.00 (76.70 to 77.70): VV013467.D (-2842) (-)

Time-->



#62

Bromoform

Concen: 0.961 ug/L

RT: 9.77 min Scan# 2700

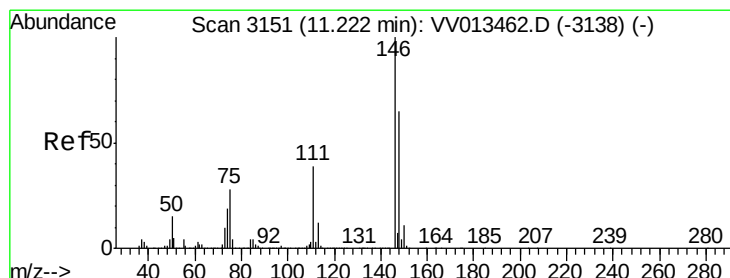
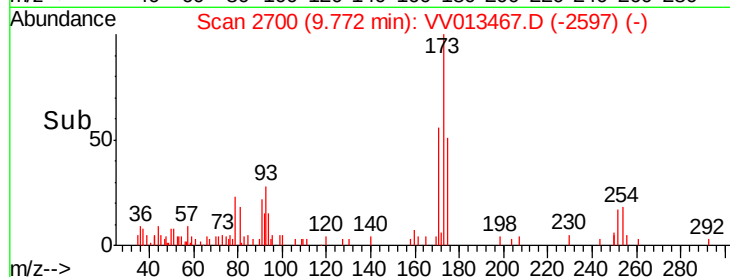
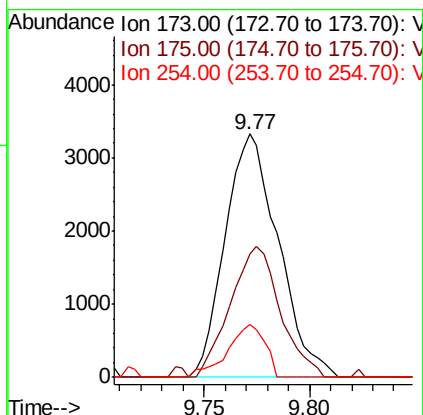
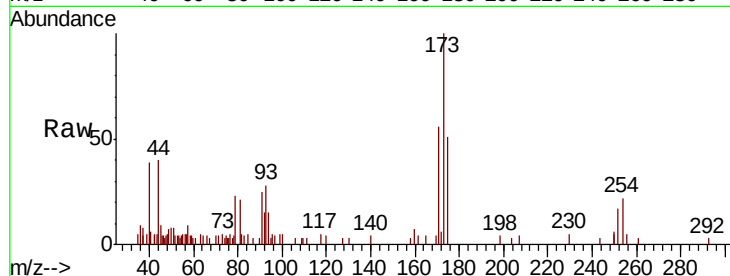
Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:173 Resp: 5825
Ion Ratio Lower Upper
173 100
175 50.6 39.4 59.0
254 15.2 10.1 15.1#



#63

1,3-Dichlorobenzene

Concen: 1.094 ug/L

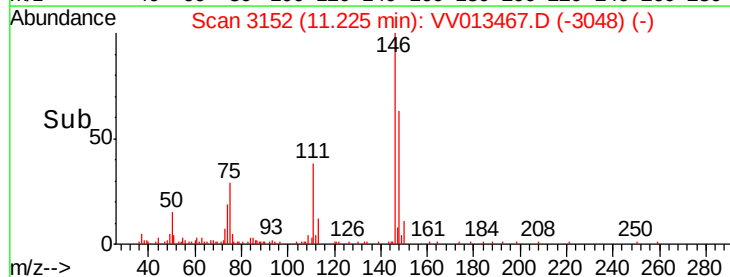
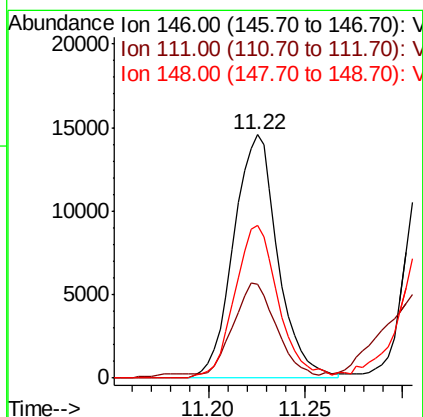
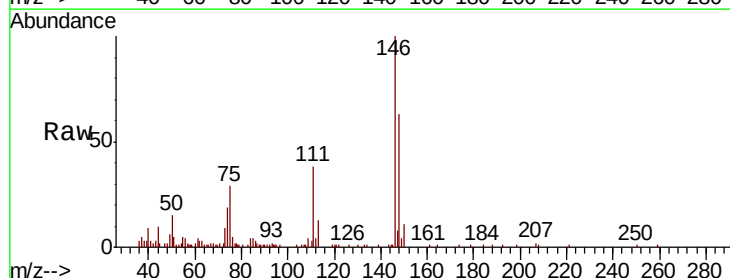
RT: 11.22 min Scan# 3152

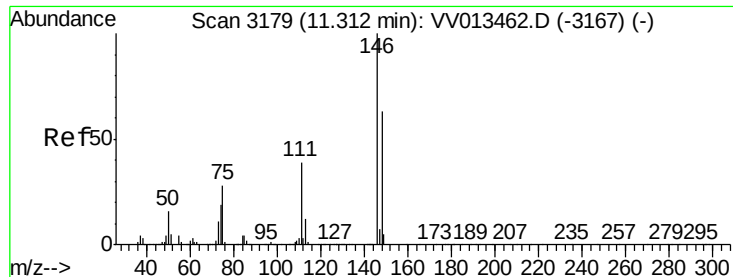
Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Tgt Ion:146 Resp: 23117
Ion Ratio Lower Upper
146 100
111 38.4 27.1 50.3
148 62.8 45.4 84.2

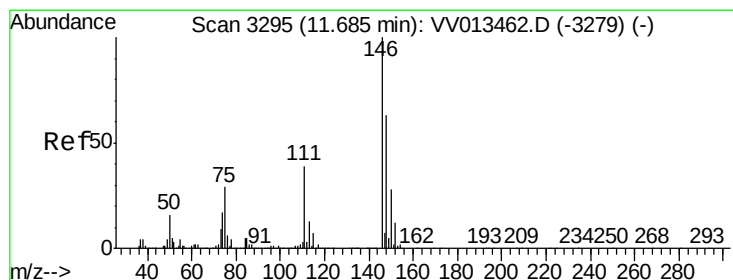
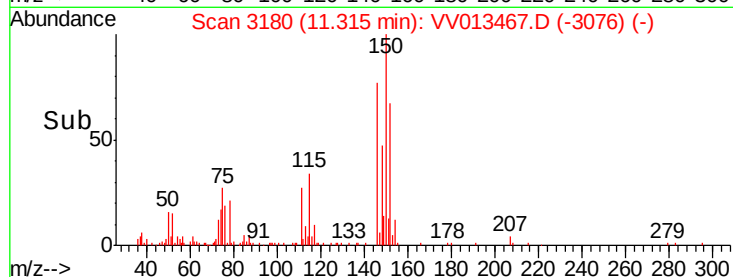
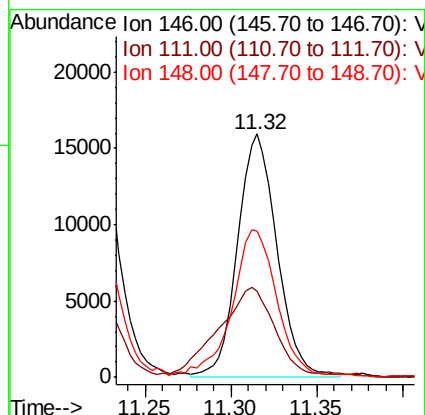
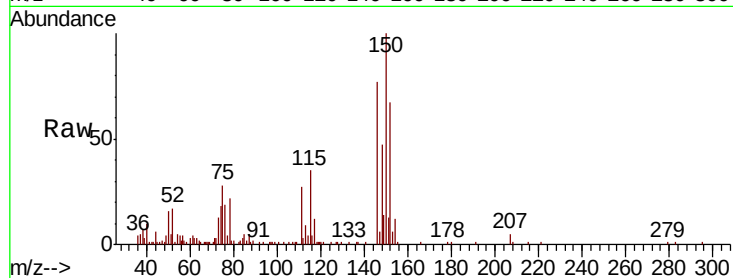




#64
1,4-Dichlorobenzene
Concen: 1.182 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

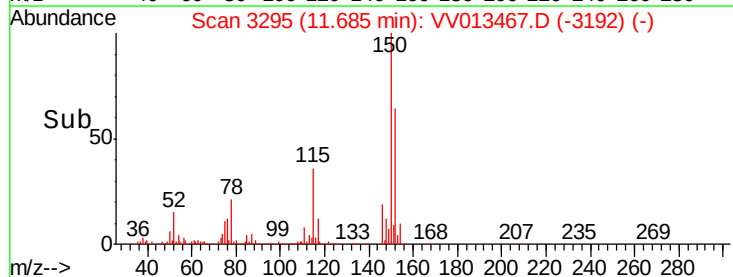
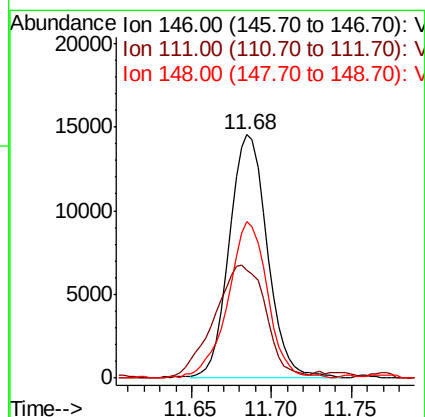
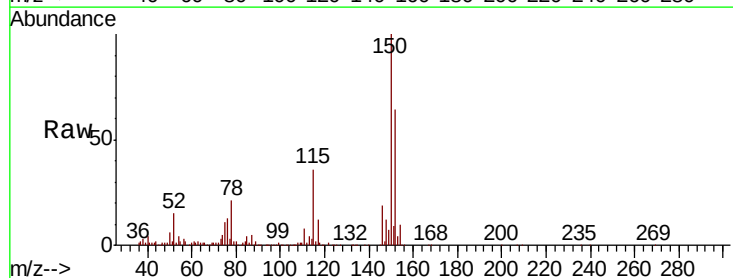
Instrument :
MSVOA_V
ClientSampleId :

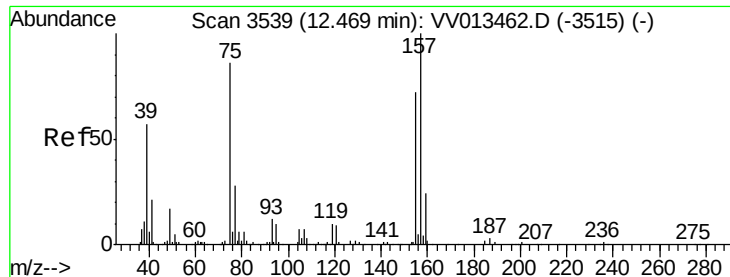
Tot Ion:146 Resp: 25531
Ion Ratio Lower Upper
146 100
111 35.3 27.2 50.6
148 60.2 44.4 82.5



#65
1,2-Dichlorobenzene
Concen: 1.201 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV013467.D
Acq: 01 Nov 2019 14:30

Tgt Ion:146 Resp: 23574
Ion Ratio Lower Upper
146 100
111 44.6 31.4 47.2
148 64.3 50.5 75.7





#66

1,2-Dibromo-3-chloropropane

Concen: 1.316 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. 0.01 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampled :

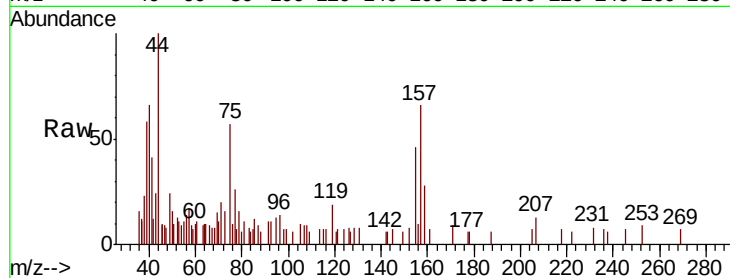
Tot Ion: 75 Resp: 2377

Ion Ratio Lower Upper

75 100

157 114.6 93.2 139.8

155 80.6 66.9 100.3

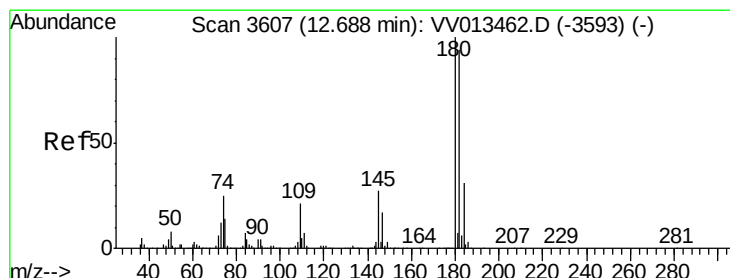
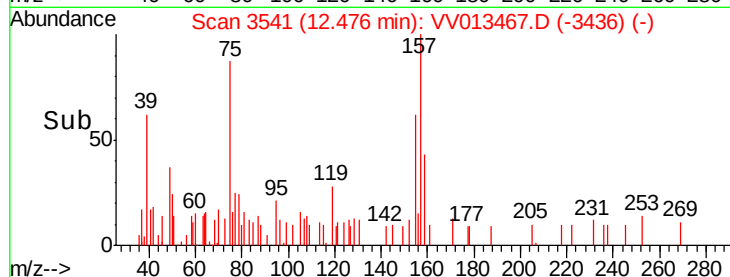
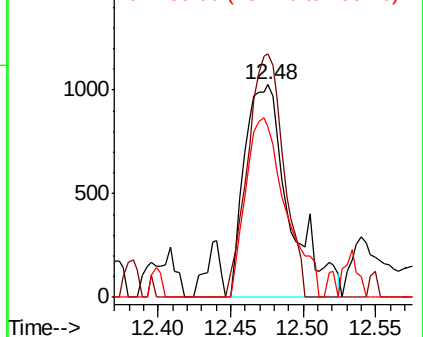


Abundance

Ion 75.00 (74.70 to 75.70): VV013467.D (-3515) (-)

Ion 157.00 (156.70 to 157.70): VV013467.D (-3515) (-)

Ion 155.00 (154.70 to 155.70): VV013467.D (-3515) (-)



#67

1,3,5-Trichlorobenzene

Concen: 1.137 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Tgt Ion: 180 Resp: 19001

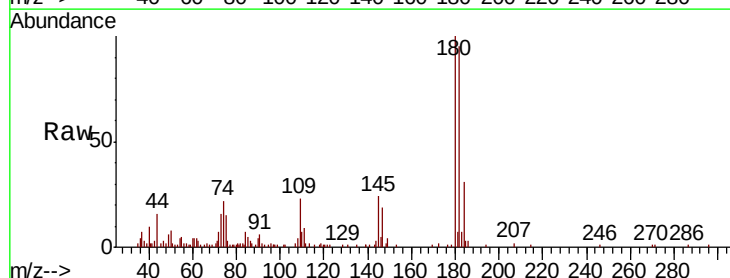
Ion Ratio Lower Upper

180 100

182 94.4 74.8 112.2

184 30.6 24.3 36.5

145 29.6 21.1 31.7



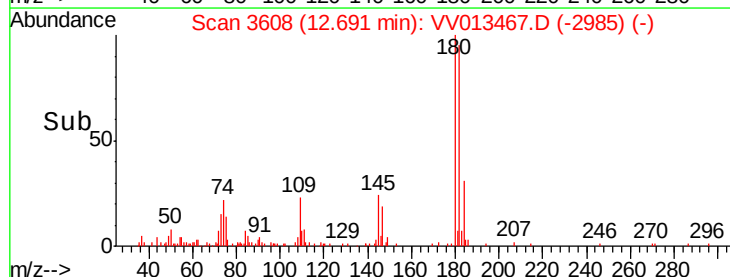
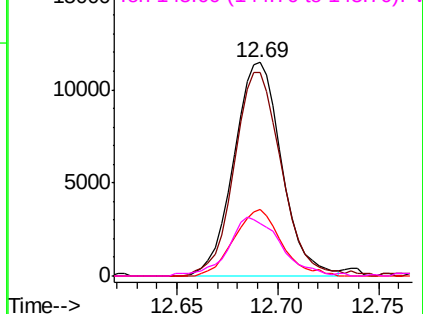
Abundance

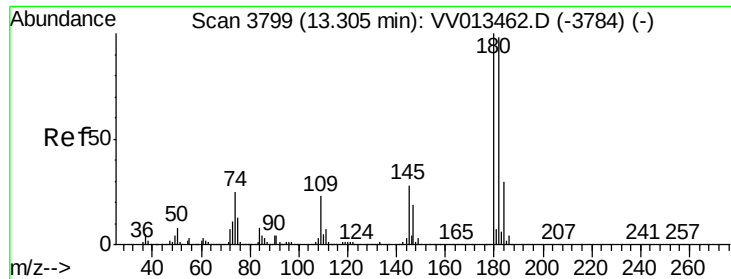
Ion 180.00 (179.70 to 180.70): VV013467.D (-3593) (-)

Ion 182.00 (181.70 to 182.70): VV013467.D (-3593) (-)

Ion 184.00 (183.70 to 184.70): VV013467.D (-3593) (-)

Ion 145.00 (144.70 to 145.70): VV013467.D (-3593) (-)

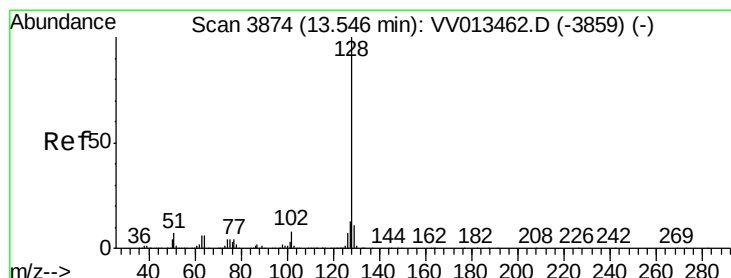
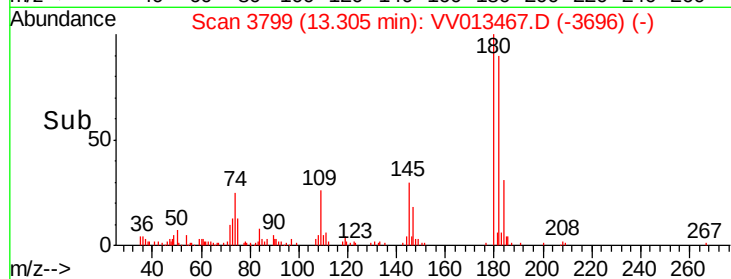
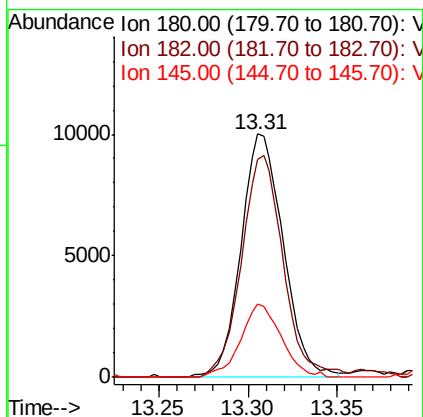
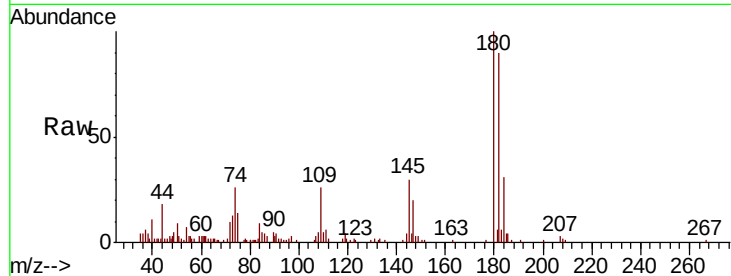




#68
 1,2,4-trichlorobenzene
 Concen: 1.167 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

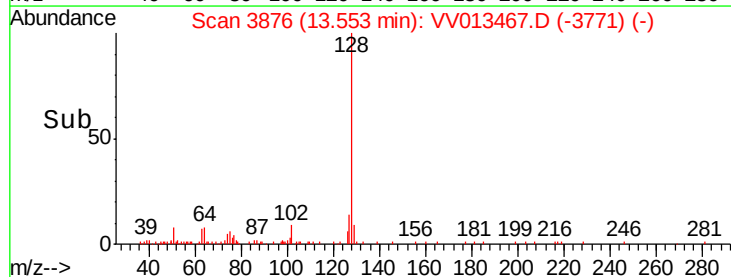
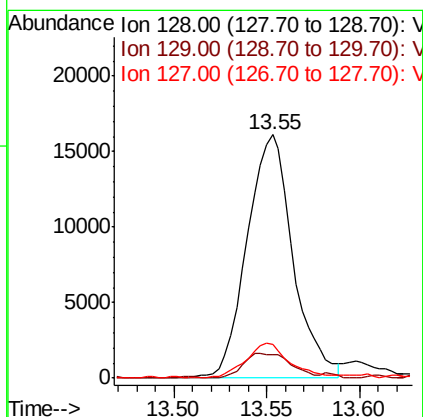
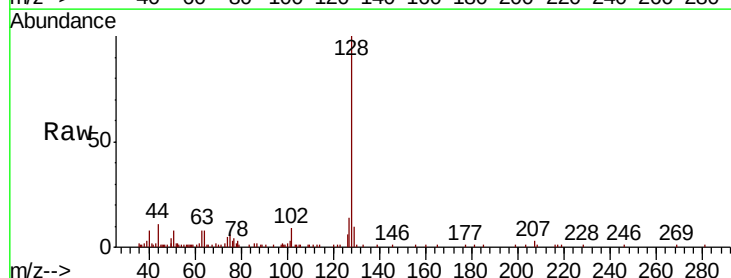
Instrument :
 MSVOA_V
 ClientSampled :

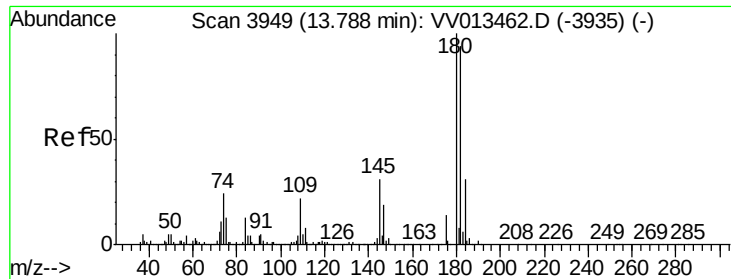
Tot Ion:180 Resp: 16623
 Ion Ratio Lower Upper
 180 100
 182 89.2 77.4 116.0
 145 28.8 22.3 33.5



#69
 Naphthalene
 Concen: 1.007 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV013467.D
 Acq: 01 Nov 2019 14:30

Tgt Ion:128 Resp: 27743
 Ion Ratio Lower Upper
 128 100
 129 5.4 8.6 13.0#
 127 13.8 10.5 15.7





#70

1,2,3-Trichlorobenzene

Concen: 1.071 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV013467.D

Acq: 01 Nov 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

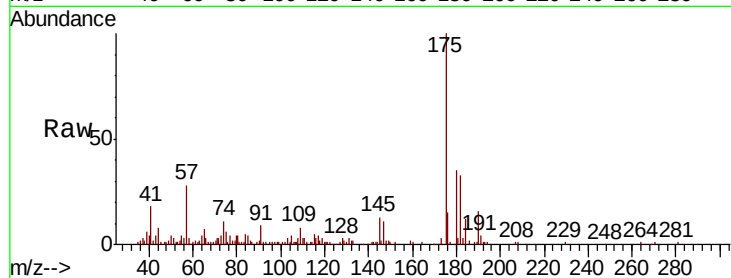
Tot Ion:180 Resp: 14272

Ion Ratio Lower Upper

180 100

182 94.2 75.2 112.8

145 37.7 23.8 35.6#



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

