

Data File : VV007642.D
Acq On : 19 Sep 2018 22:48
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV72

Quant Time: Sep 20 07:48:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 07:48:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23430	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	22056	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	62256	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	3.98	46	60496	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.41	84	56102	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.09	65	27880	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	102511	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	30797	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	108436	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.67	79	12583	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.14	63	46768	50.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25456	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	48386	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	46914	5.382 ug/L	99
3) Chloromethane	1.25	50	36785	5.440 ug/L	100
5) Vinyl chloride	1.32	62	42811	5.435 ug/L	100
6) Bromomethane	1.54	94	31950	6.041 ug/L	99
8) Chloroethane	1.60	64	26896	5.247 ug/L	99
9) Trichlorofluoromethane	1.77	101	88409	5.368 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43445	4.849 ug/L	98
12) 1,1-Dichloroethene	2.14	96	40697	5.153 ug/L	96
13) Acetone	2.23	43	56031	51.189 ug/L	98
14) Carbon disulfide	2.32	76	108194	5.141 ug/L	100
15) Methyl Acetate	2.48	43	13292	4.926 ug/L	96
16) Methylene chloride	2.54	84	40700	5.077 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	95765	5.182 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	45407	5.235 ug/L	98
19) 1,1-Dichloroethane	3.23	63	69760	5.927 ug/L	99
21) 2-Butanone	4.06	43	75272	54.518 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	39085	5.101 ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 20 07:48:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18356	5.264	ug/L	95
25) Chloroform	4.43	83	65825	5.238	ug/L	100
27) 1,2-Dichloroethane	5.19	62	40082	5.277	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	63377	5.243	ug/L	100
30) Cyclohexane	4.72	56	52468	5.087	ug/L	100
31) Carbon tetrachloride	4.87	117	57061	5.159	ug/L	97
33) Benzene	5.15	78	136632	5.054	ug/L	100
34) Trichloroethene	5.96	95	40528	5.095	ug/L	99
35) Methylcyclohexane	6.18	83	61598	5.017	ug/L	99
37) 1,2-Dichloropropane	6.23	63	31979	4.898	ug/L	99
38) Bromodichloromethane	6.56	83	44021	5.110	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	49608	5.251	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	188475	53.359	ug/L	99
42) Toluene	7.43	91	164285	5.336	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	39628	5.169	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	26068	5.187	ug/L	98
47) Tetrachloroethene	8.02	164	41469	5.306	ug/L	97
48) 2-Hexanone	8.19	43	134980	53.957	ug/L	98
49) Dibromochloromethane	8.29	129	33034	5.281	ug/L	98
50) 1,2-Dibromoethane	8.40	107	26003	5.458	ug/L	95
51) Chlorobenzene	8.93	112	112696	5.277	ug/L	98
52) Ethylbenzene	9.06	91	185009	5.315	ug/L	99
53) m,p-xylene	9.19	106	71475	5.224	ug/L	98
54) o-xylene	9.59	106	70345	5.224	ug/L	96
55) Styrene	9.61	104	119203	5.416	ug/L	98
56) Isopropylbenzene	9.98	105	193294	5.276	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29656	5.171	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	21083	5.269	ug/L	99
61) Bromoform	9.78	173	18612	5.117	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	99497	5.313	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	99772	5.299	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	92435	5.247	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4470	5.579	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	87265	5.378	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	72299	5.465	ug/L	99
69) Naphthalene	13.56	128	125014	6.325	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	66875	5.490	ug/L	96

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

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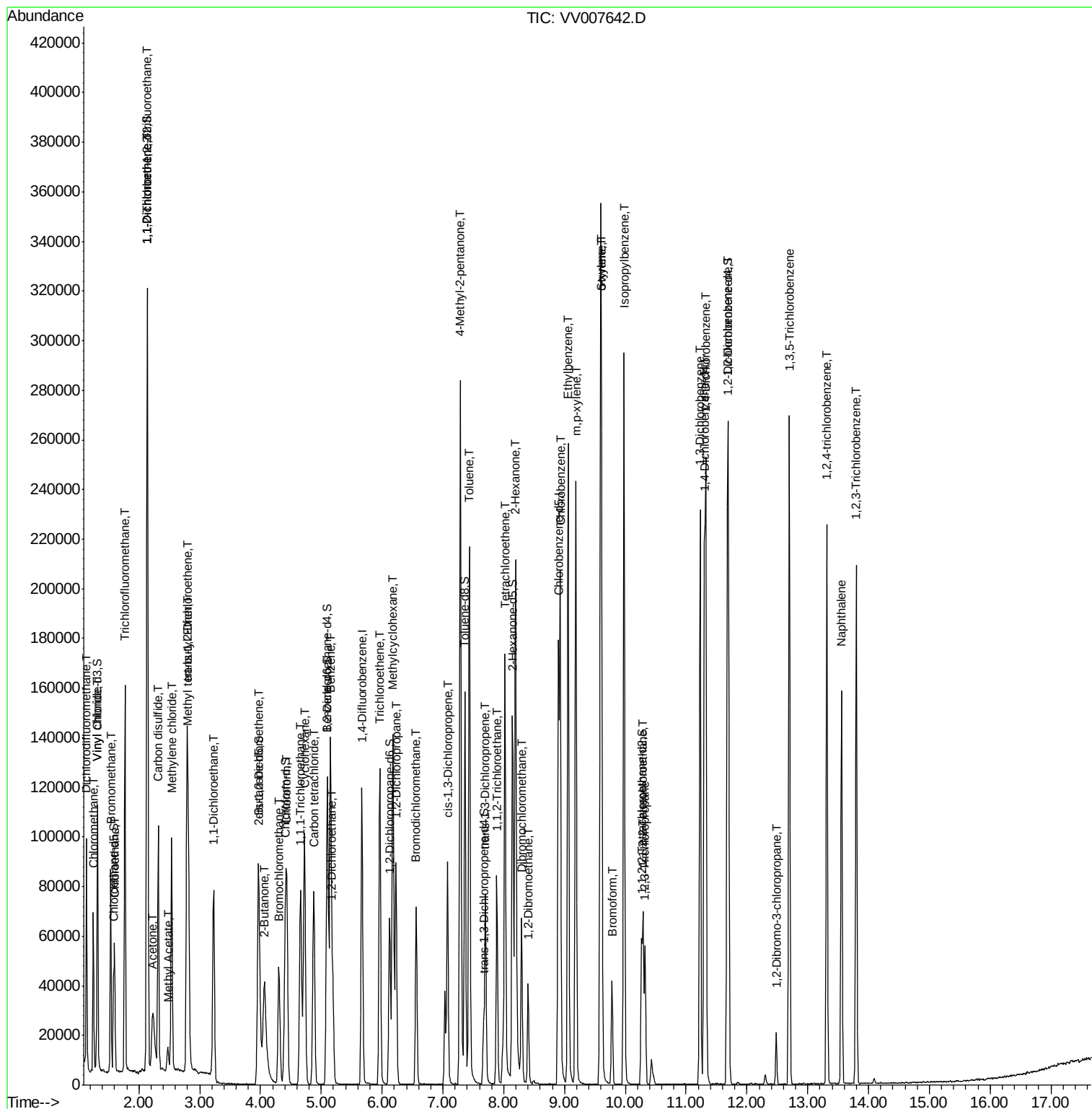
Quant Time: Sep 20 07:48:25 2018

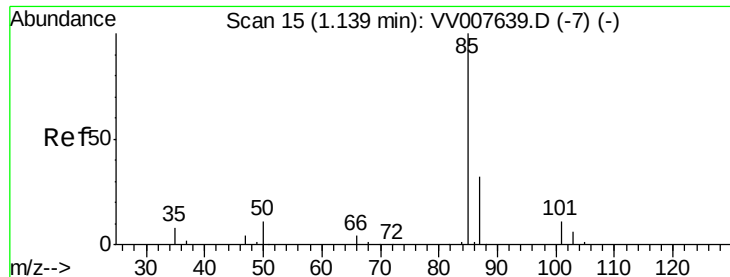
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR091918WMA.M

Quant Title : TRACE VOA SOM01.0

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#2

Dichlorodifluoromethane

Concen: 5.382 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampled :

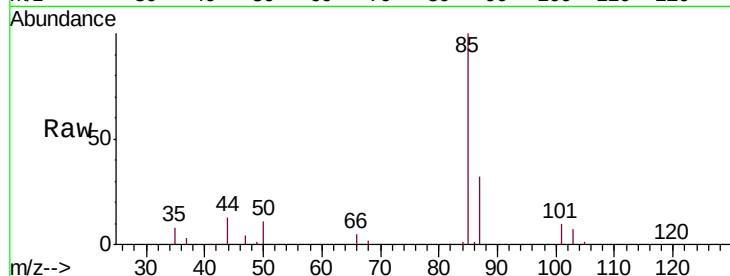
VICV72

Tgt Ion: 85 Resp: 46914

Ion Ratio Lower Upper

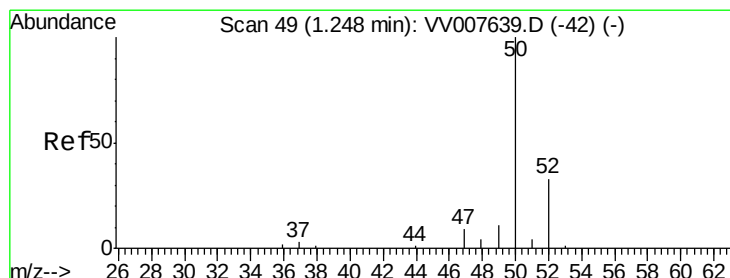
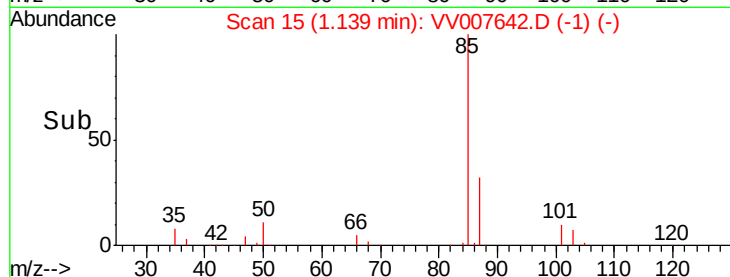
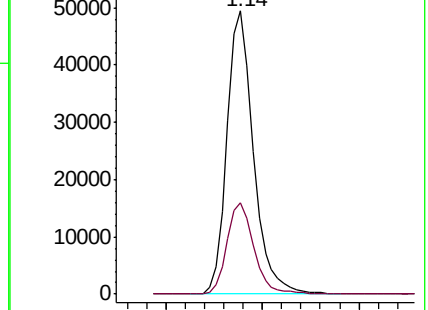
85 100

87 32.8 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VV007639.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV007639.D (-7) (-)



#3

Chloromethane

Concen: 5.440 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV007642.D

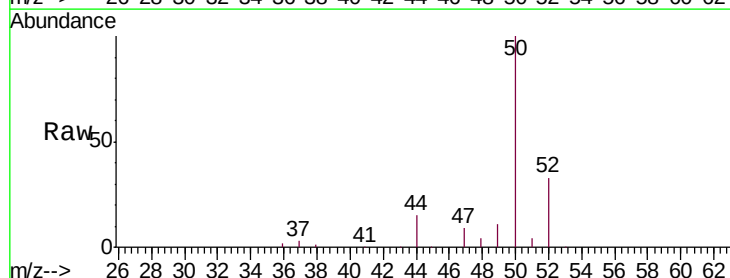
Acq: 19 Sep 2018 22:48

Tgt Ion: 50 Resp: 36785

Ion Ratio Lower Upper

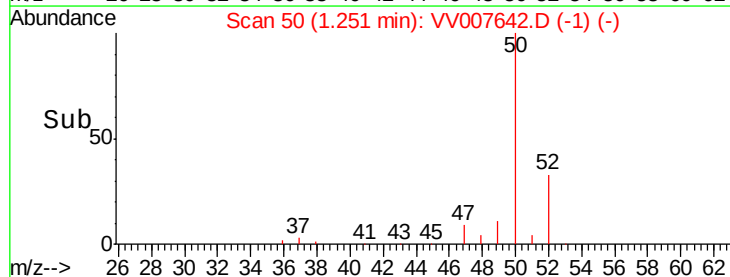
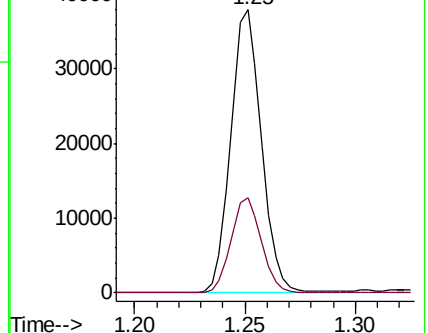
50 100

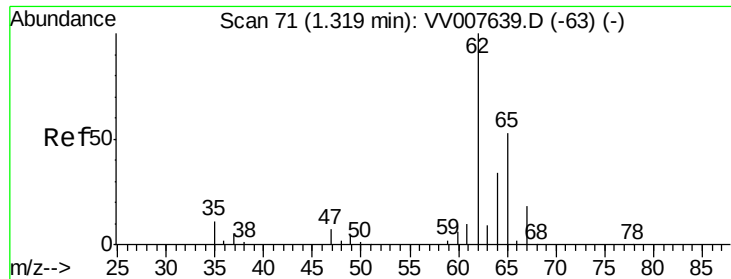
52 33.5 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VV007639.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV007639.D (-42) (-)





#5

Vinyl chloride

Concen: 5.435 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

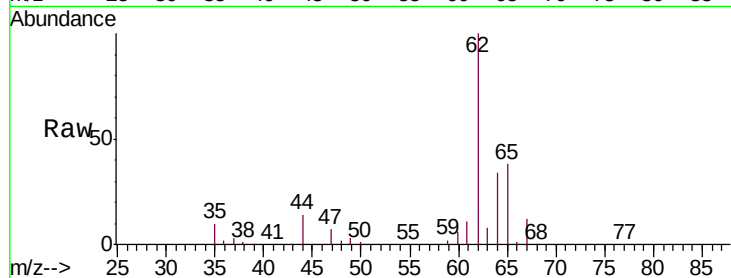
VICV72

Tgt Ion: 62 Resp: 42811

Ion Ratio Lower Upper

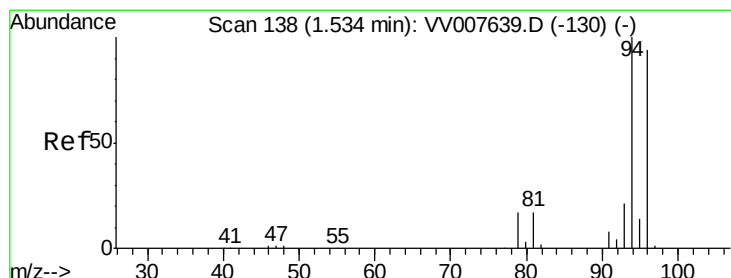
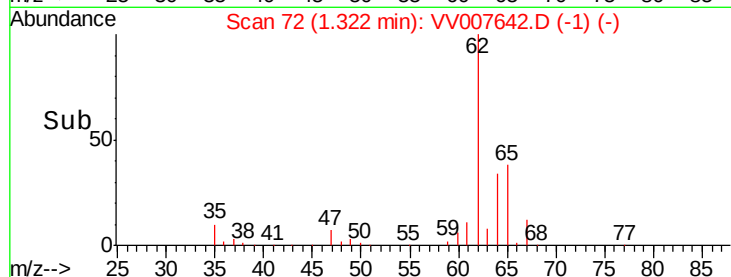
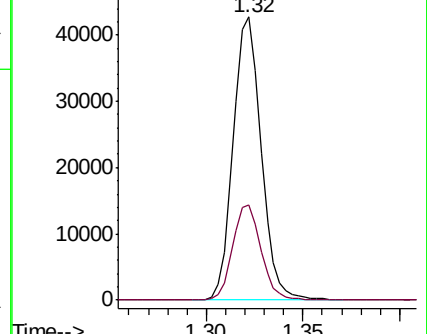
62 100

64 33.5 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 6.041 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV007642.D

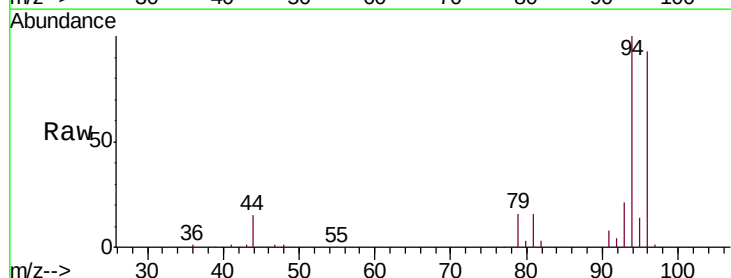
Acq: 19 Sep 2018 22:48

Tgt Ion: 94 Resp: 31950

Ion Ratio Lower Upper

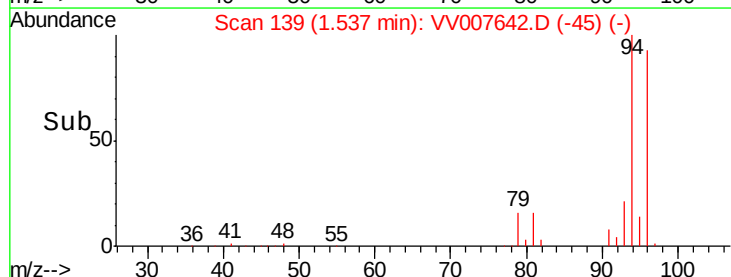
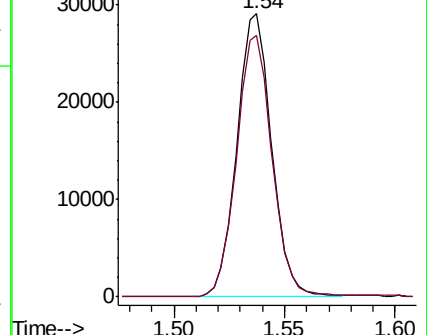
94 100

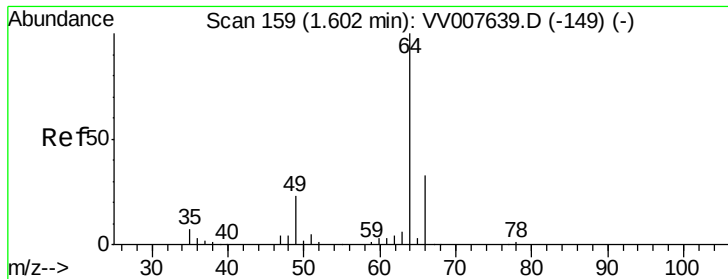
96 92.6 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.247 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

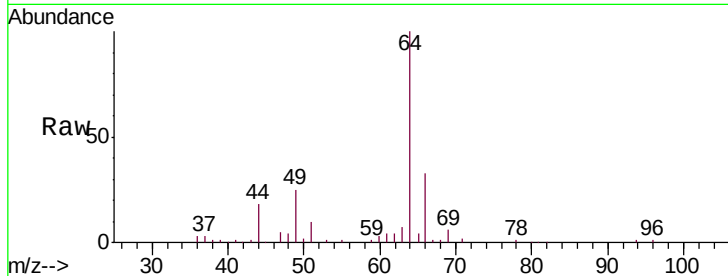
VICV72

Tgt Ion: 64 Resp: 26896

Ion Ratio Lower Upper

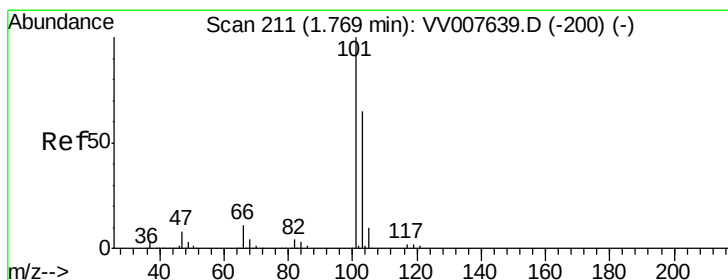
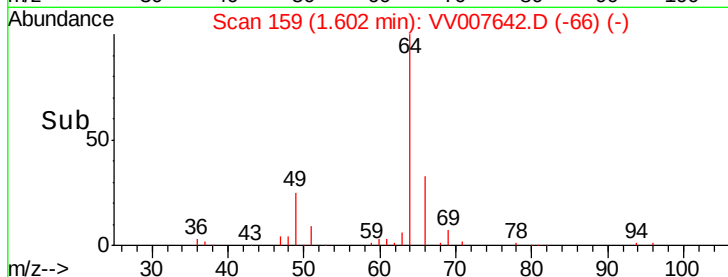
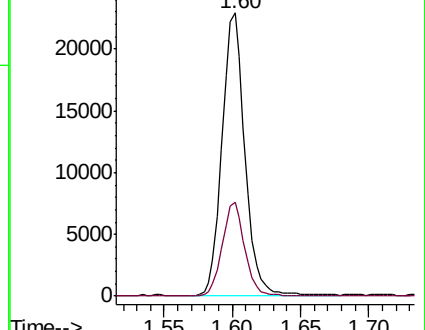
64 100

66 33.0 23.4 43.4



Abundance Ion 64.10 (63.80 to 64.80): VV007639.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV007639.D (-149) (-)



#9

Trichlorofluoromethane

Concen: 5.368 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV007642.D

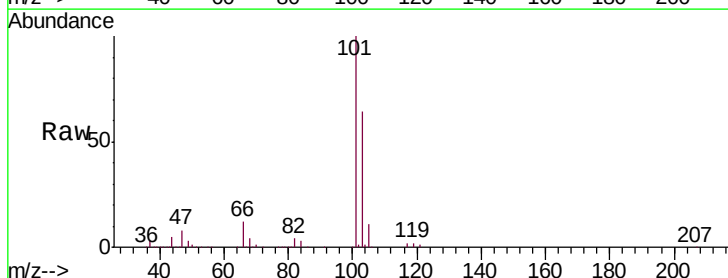
Acq: 19 Sep 2018 22:48

Tgt Ion: 101 Resp: 88409

Ion Ratio Lower Upper

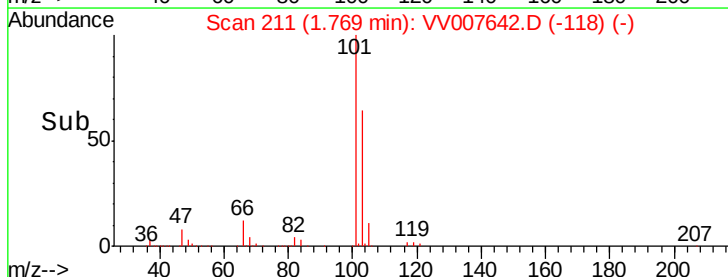
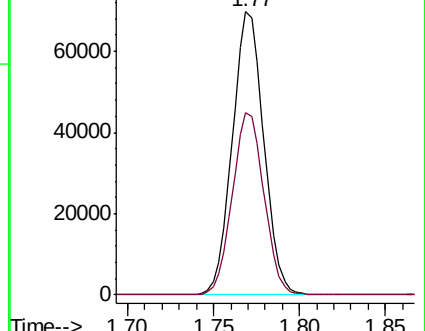
101 100

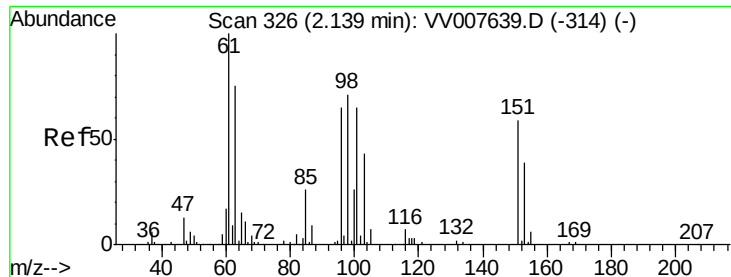
103 65.0 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV007639.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV007639.D (-200) (-)





#10

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

Concen: 4.849 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampled :

VICV72

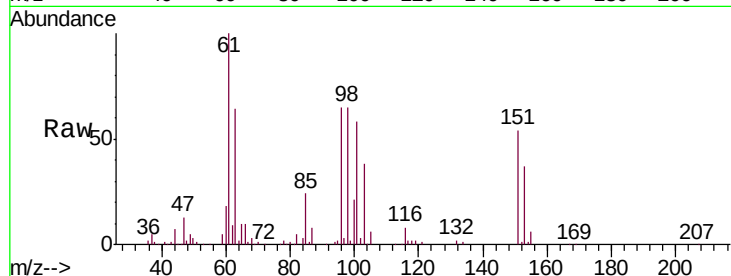
Tgt Ion: 101 Resp: 43445

Ion Ratio Lower Upper

101 100

85 41.7 32.6 48.8

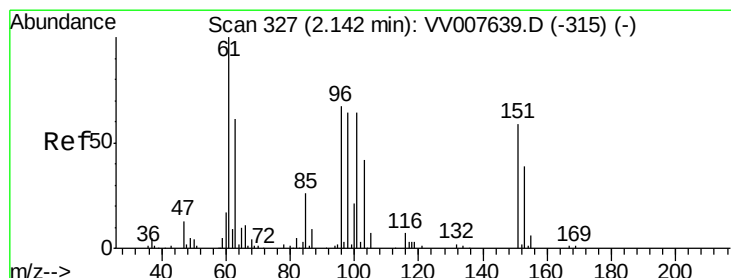
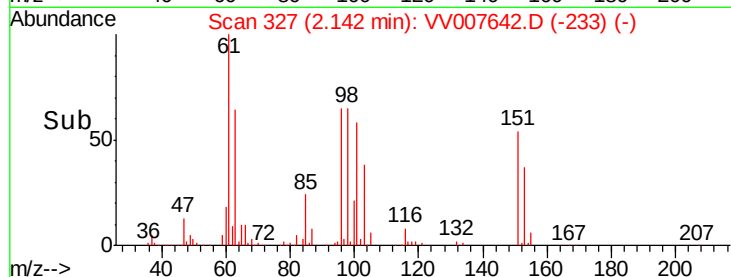
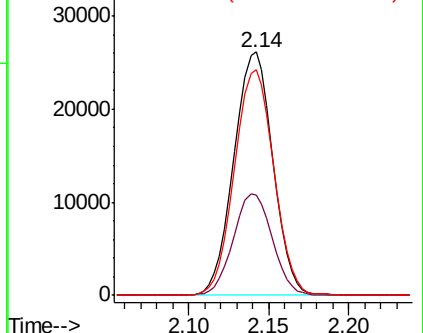
151 93.4 72.8 109.2



Abundance Ion 101.00 (100.70 to 101.70): VV007639.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV007639.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV007639.D (-314) (-)



#12

1,1-Dichloroethene

Concen: 5.153 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

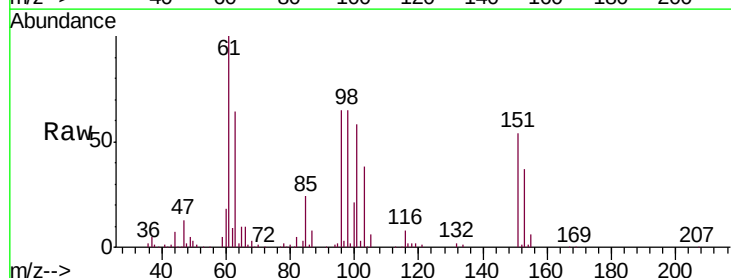
Tgt Ion: 96 Resp: 40697

Ion Ratio Lower Upper

96 100

61 153.3 104.3 193.7

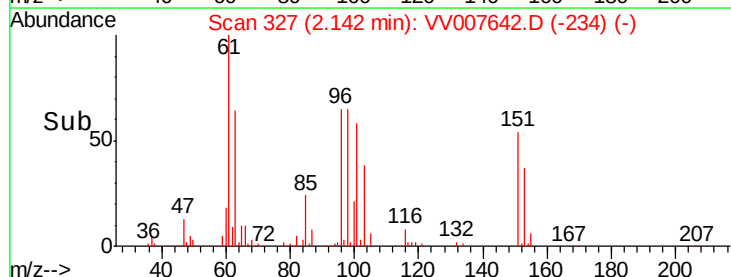
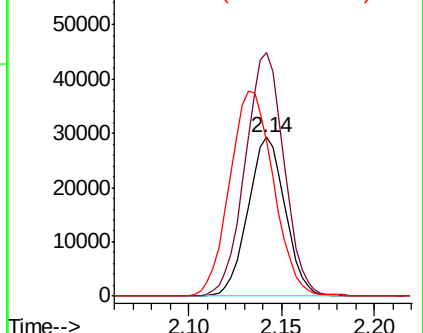
63 97.7 65.2 121.2

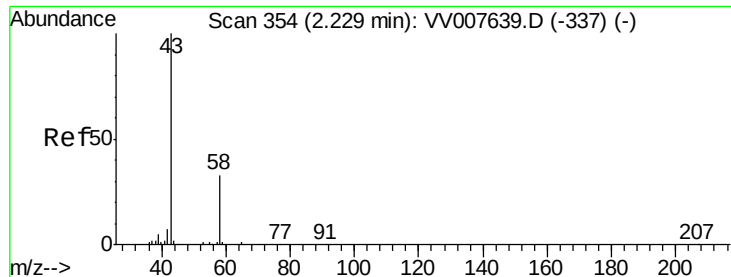


Abundance Ion 96.00 (95.70 to 96.70): VV007639.D (-315) (-)

Ion 61.05 (60.75 to 61.75): VV007639.D (-315) (-)

Ion 63.00 (62.70 to 63.70): VV007639.D (-315) (-)





#13

Acetone

Concen: 51.189 ug/L

RT: 2.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampled :

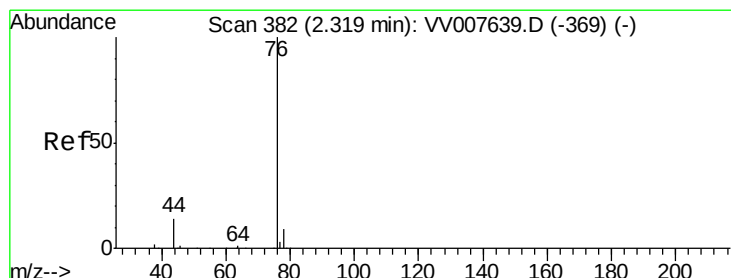
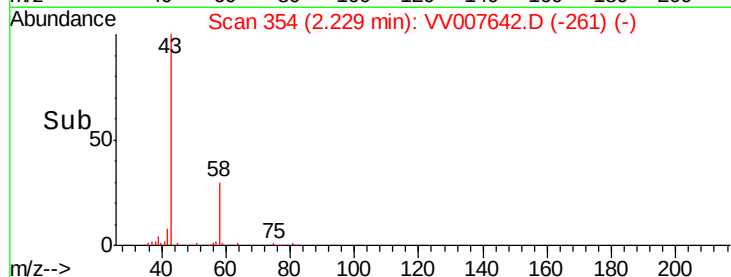
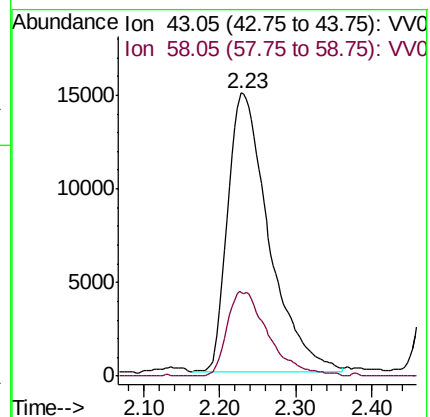
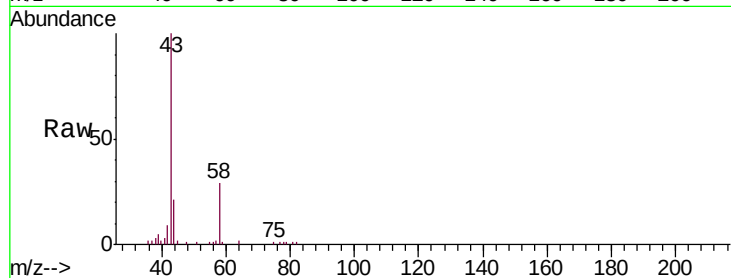
VICV72

Tgt Ion: 43 Resp: 56031

Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.6



#14

Carbon disulfide

Concen: 5.141 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV007642.D

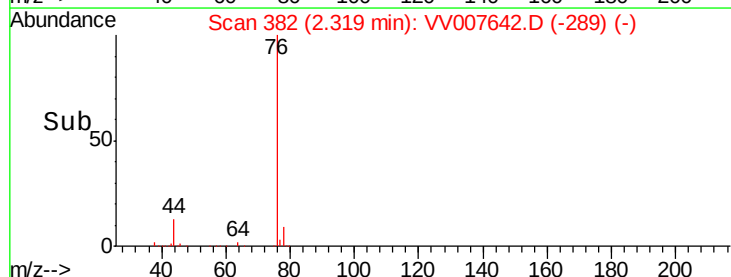
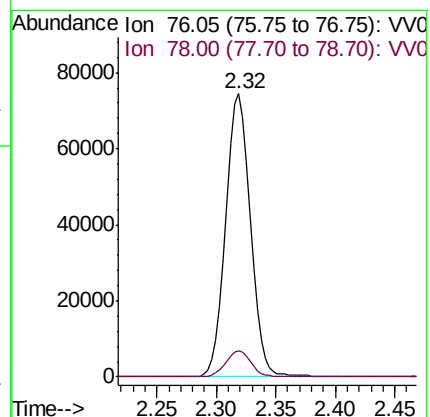
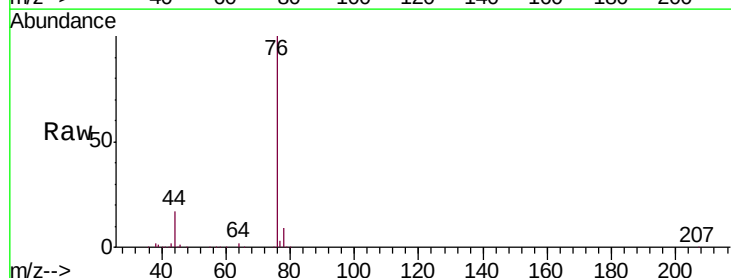
Acq: 19 Sep 2018 22:48

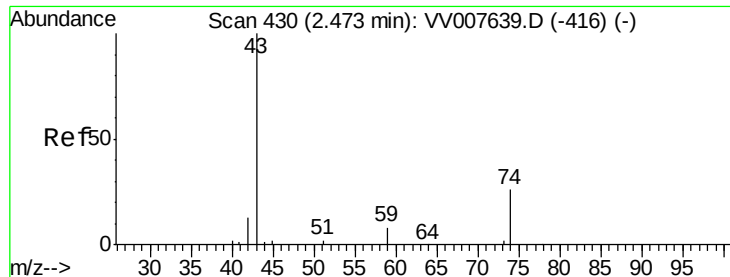
Tgt Ion: 76 Resp: 108194

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

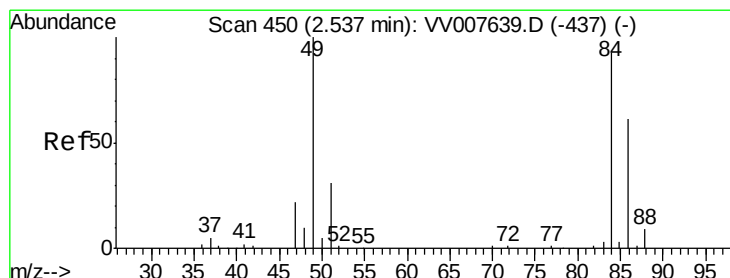
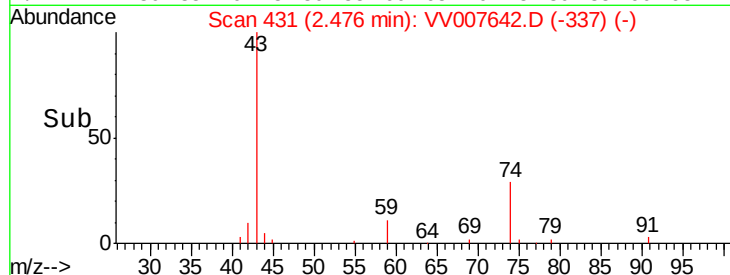
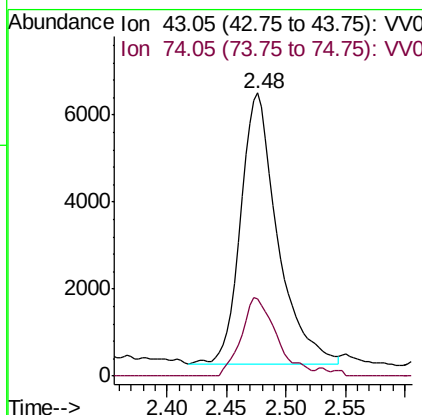
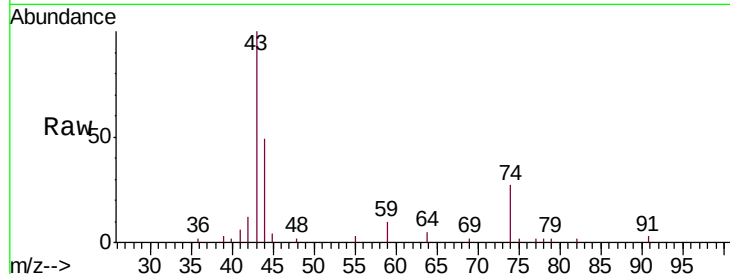




#15
Methyl Acetate
Concen: 4.926 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

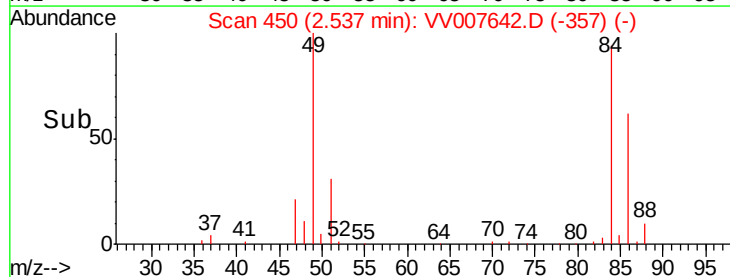
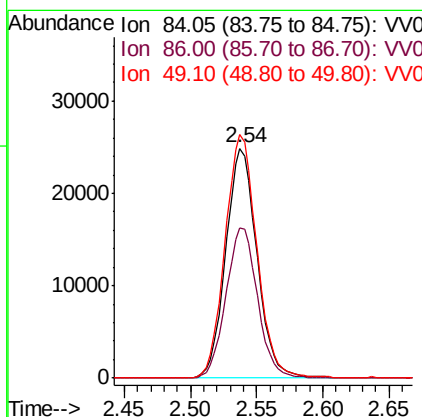
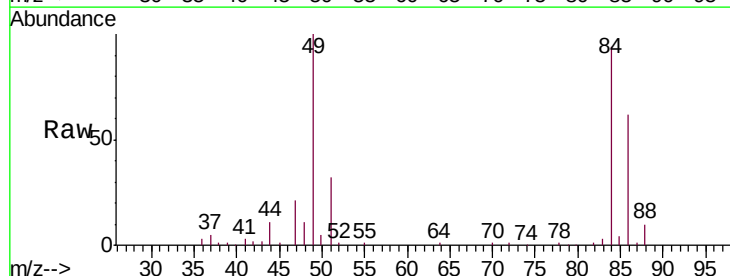
Instrument :
MSVOA_V
ClientSampleId :
VICV72

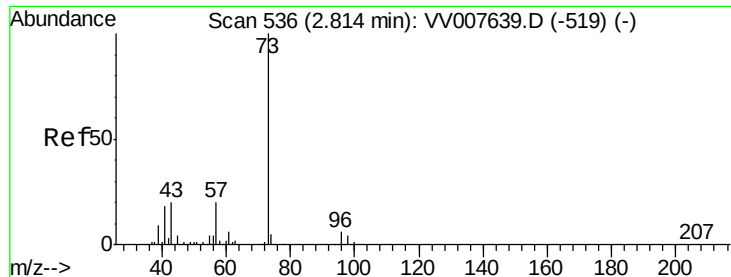
Tgt Ion: 43 Resp: 13292
Ion Ratio Lower Upper
43 100
74 27.8 20.6 30.8



#16
Methylene chloride
Concen: 5.077 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Tgt Ion: 84 Resp: 40700
Ion Ratio Lower Upper
84 100
86 65.3 46.1 85.5
49 106.1 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.182 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

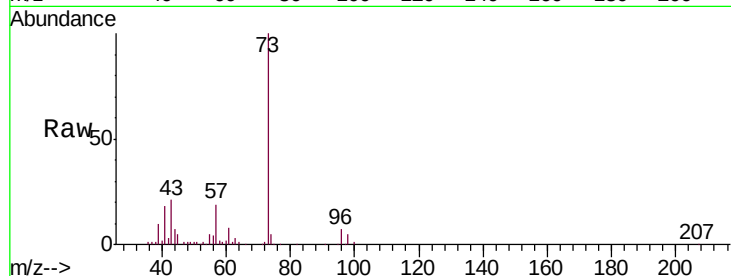
Tgt Ion: 73 Resp: 95765

Ion Ratio Lower Upper

73 100

43 19.2 15.7 23.5

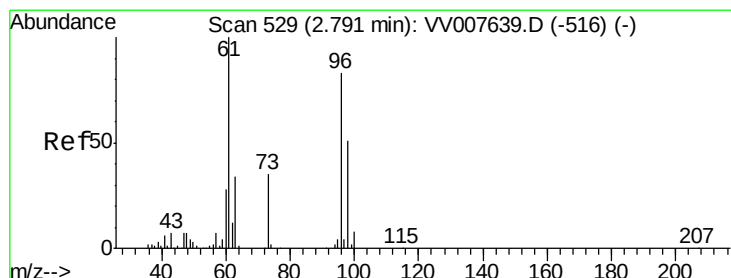
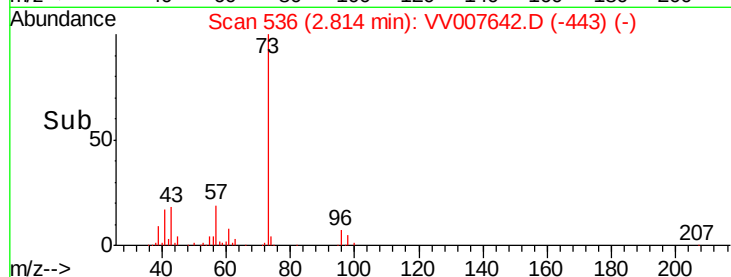
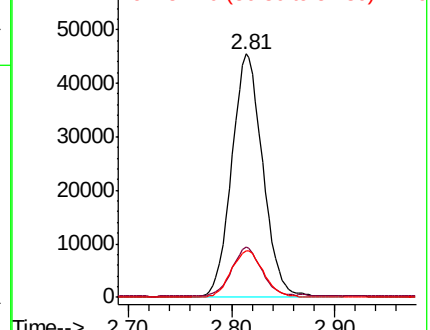
57 19.9 15.8 23.8



Abundance Ion 73.10 (72.80 to 73.80): VV007639.D (-519) (-)

Ion 43.05 (42.75 to 43.75): VV007639.D (-519) (-)

Ion 57.10 (56.80 to 57.80): VV007639.D (-519) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.235 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

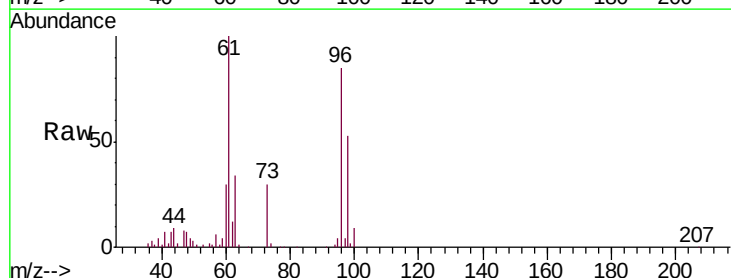
Tgt Ion: 96 Resp: 45407

Ion Ratio Lower Upper

96 100

61 117.4 84.4 156.7

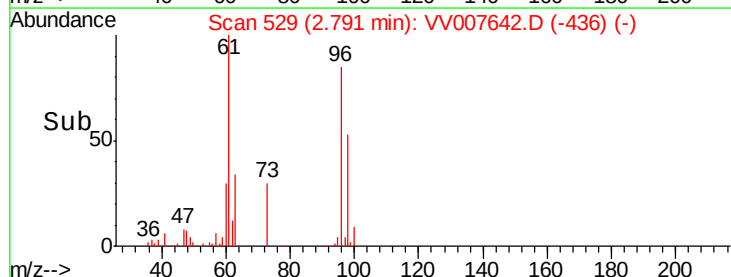
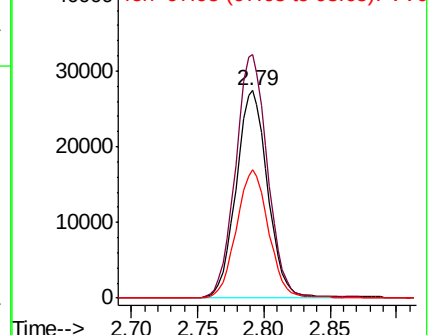
98 61.9 43.0 80.0

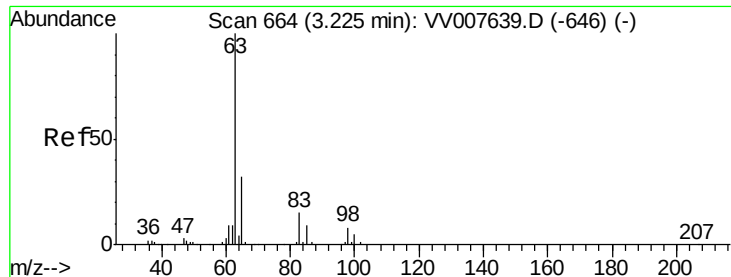


Abundance Ion 96.00 (95.70 to 96.70): VV007639.D (-516) (-)

Ion 61.05 (60.75 to 61.75): VV007639.D (-516) (-)

Ion 97.95 (97.65 to 98.65): VV007639.D (-516) (-)

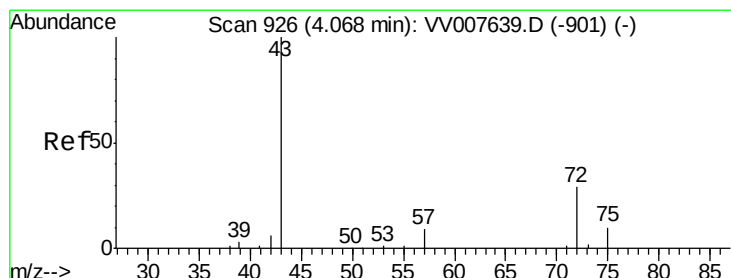
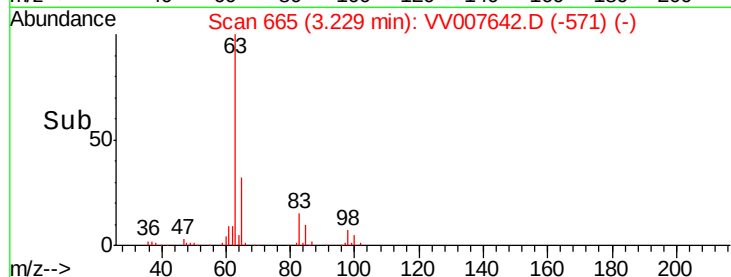
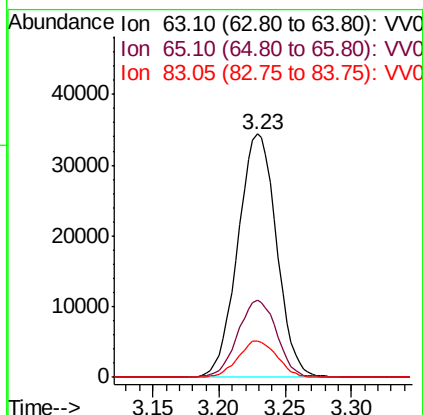
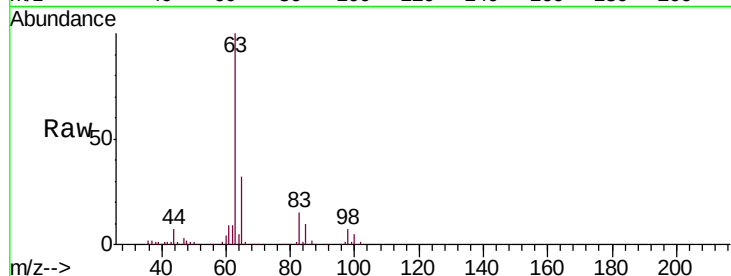




#19
 1,1-Dichloroethane
 Concen: 5.927 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

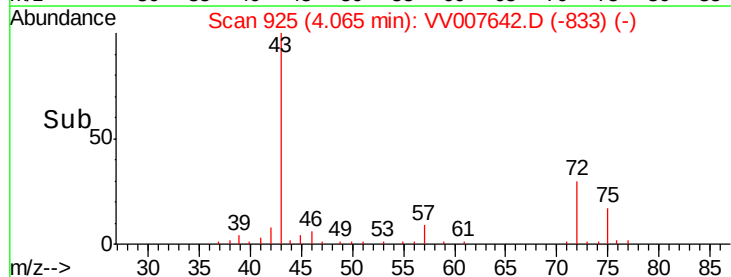
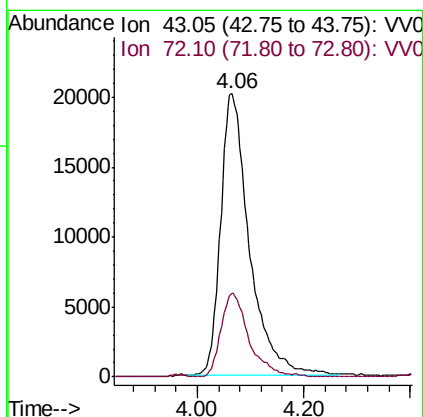
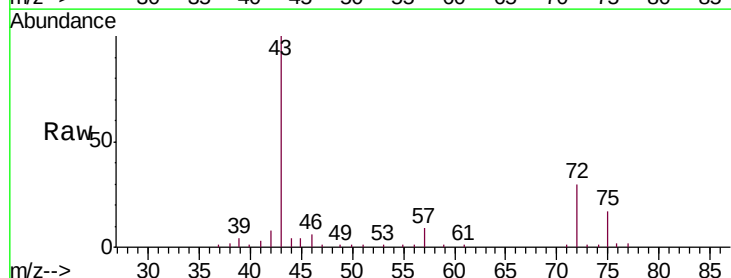
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV72

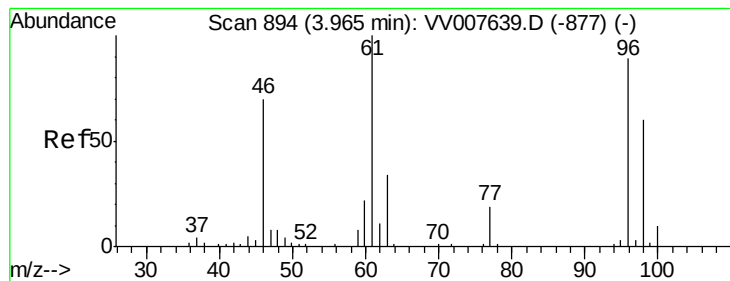
Tgt Ion: 63 Resp: 69760
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.6 42.0
 83 15.1 10.4 19.4



#21
 2-Butanone
 Concen: 54.518 ug/L
 RT: 4.06 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion: 43 Resp: 75272
 Ion Ratio Lower Upper
 43 100
 72 28.9 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 5.101 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampled :

VICV72

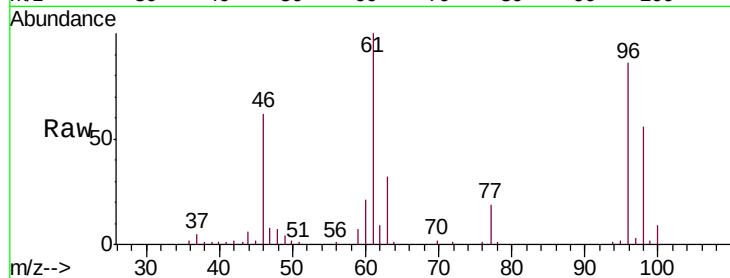
Tgt Ion: 96 Resp: 39085

Ion Ratio Lower Upper

96 100

61 115.7 79.0 146.8

68 0.0 0.0 0.0

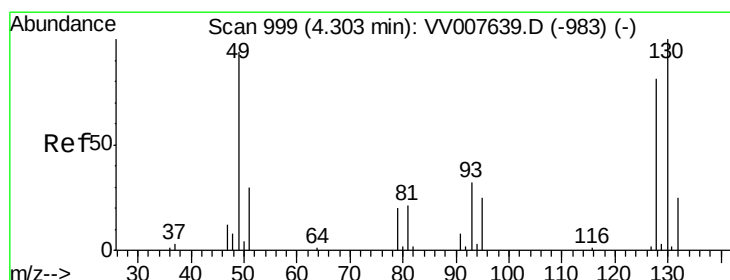
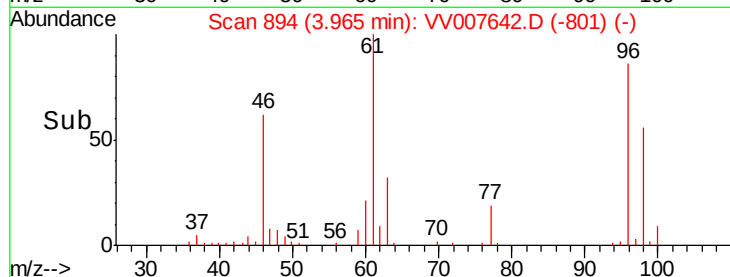
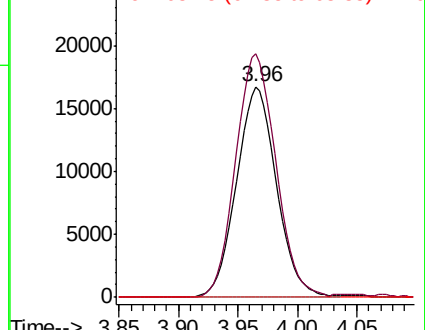


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#23

Bromochloromethane

Concen: 5.264 ug/L

RT: 4.30 min Scan# 999

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Tgt Ion: 128 Resp: 18356

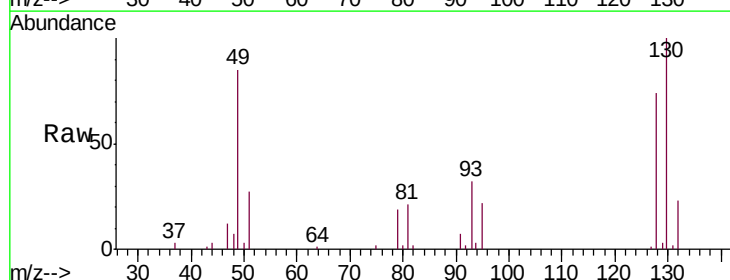
Ion Ratio Lower Upper

128 100

49 115.8 81.7 151.7

130 135.6 86.8 161.2

51 36.1 29.8 44.8



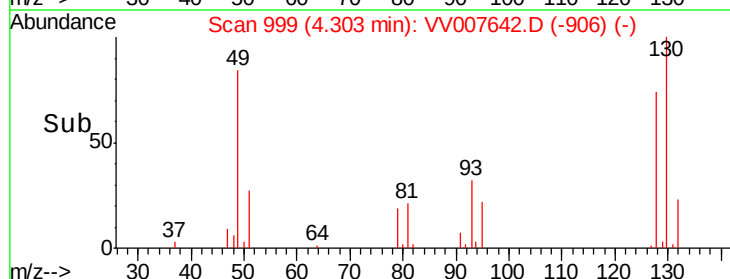
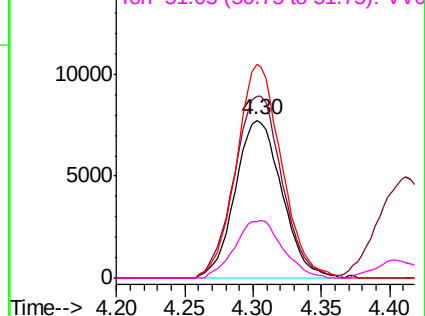
Abundance

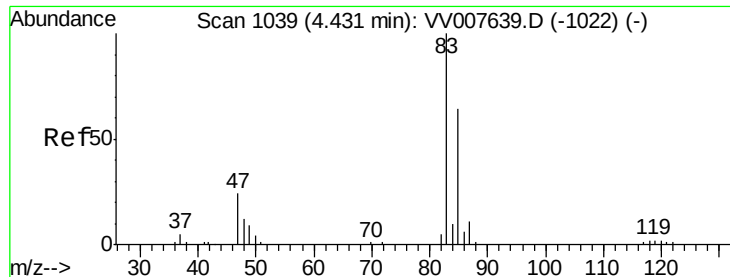
Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VV0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VV0

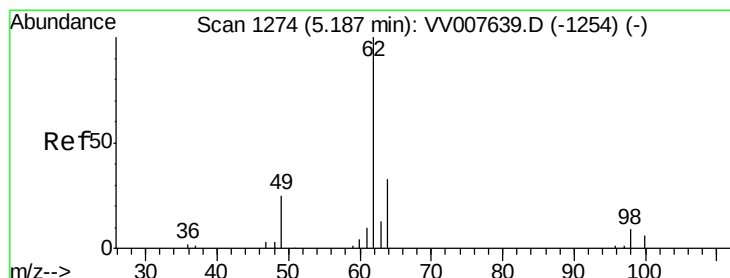
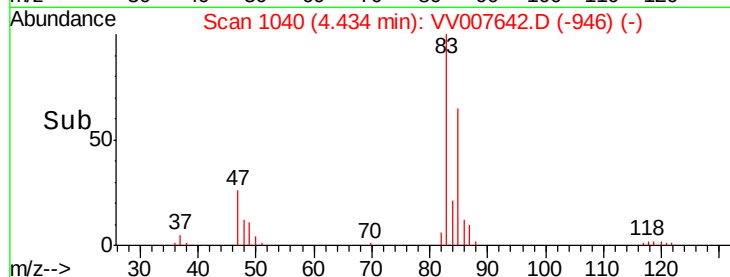
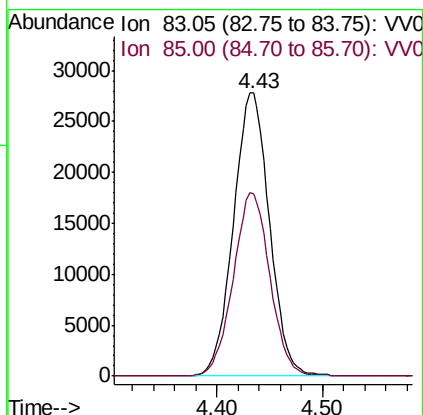
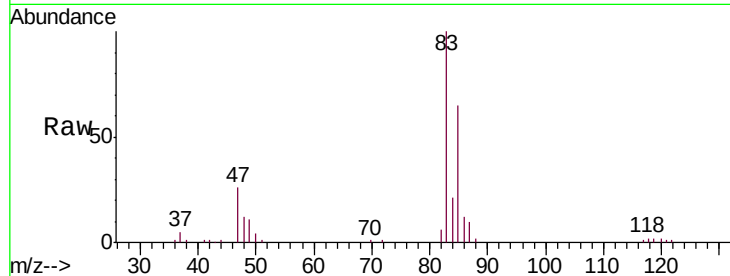




#25
Chloroform
Concen: 5.238 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

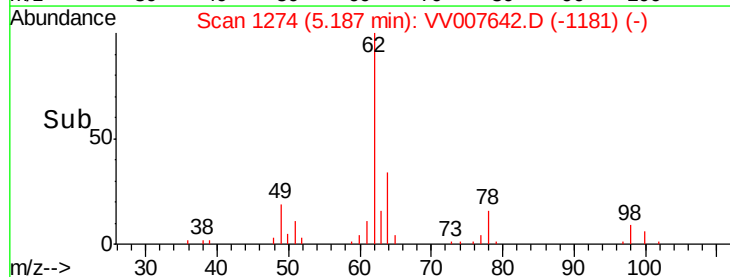
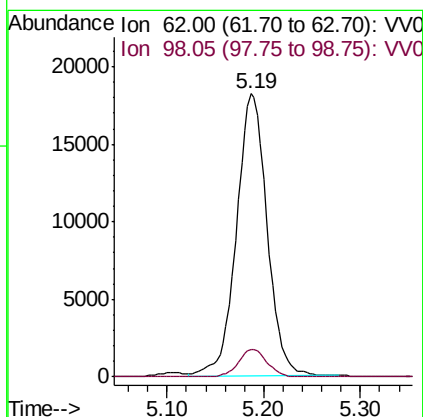
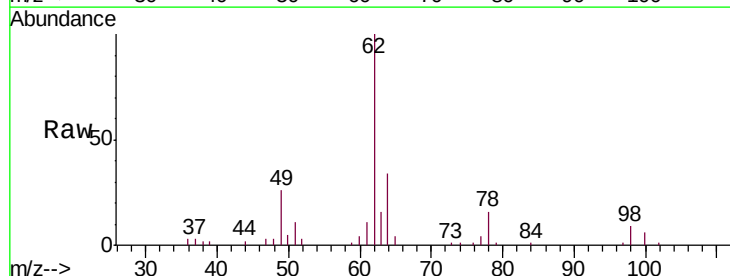
Instrument :
MSVOA_V
ClientSampleId :
VICV72

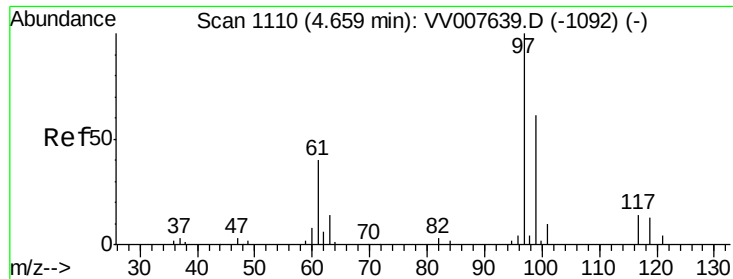
Tgt Ion: 83 Resp: 65825
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.277 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Tgt Ion: 62 Resp: 40082
Ion Ratio Lower Upper
62 100
98 9.5 7.5 11.3

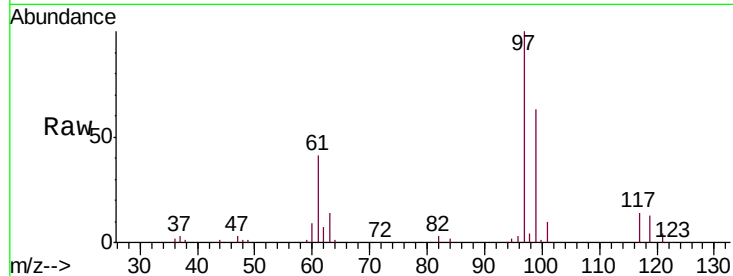




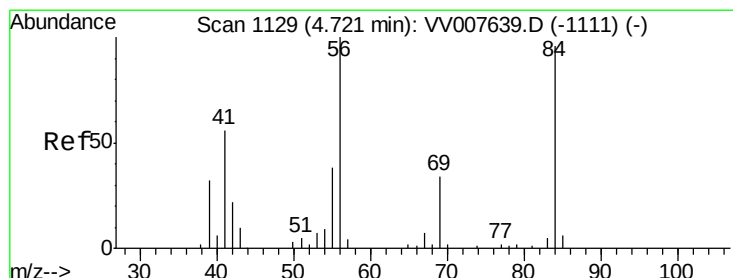
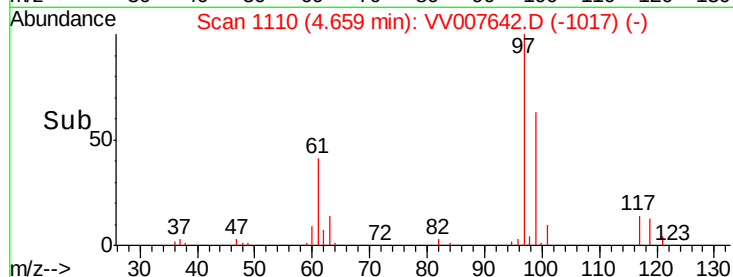
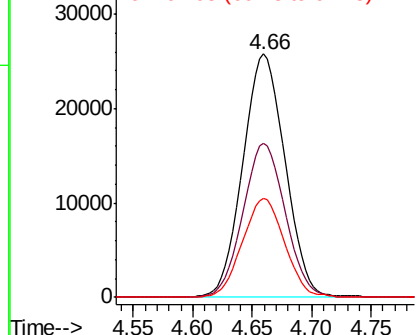
#29
 1,1,1-Trichloroethane
 Concen: 5.243 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV72

Tgt Ion: 97 Resp: 63377
 Ion Ratio Lower Upper
 97 100
 99 63.4 50.6 76.0
 61 40.6 32.8 49.2

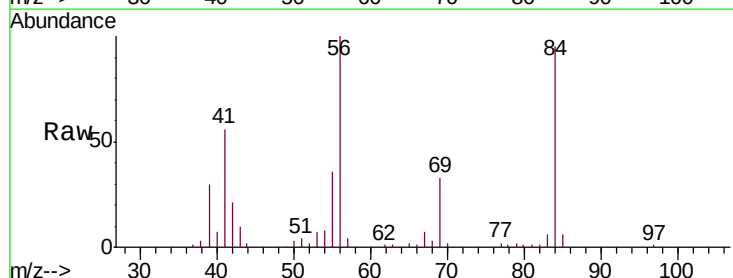


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

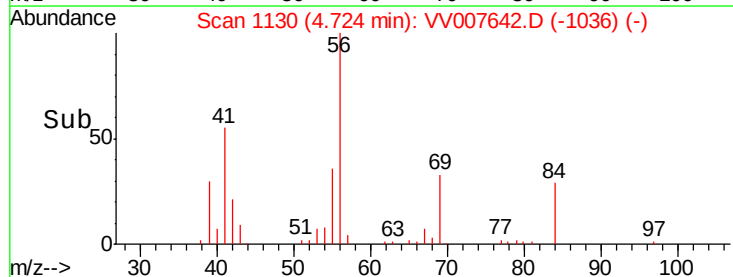
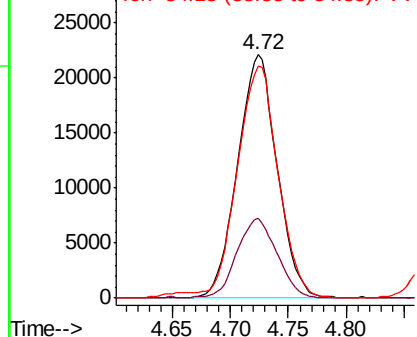


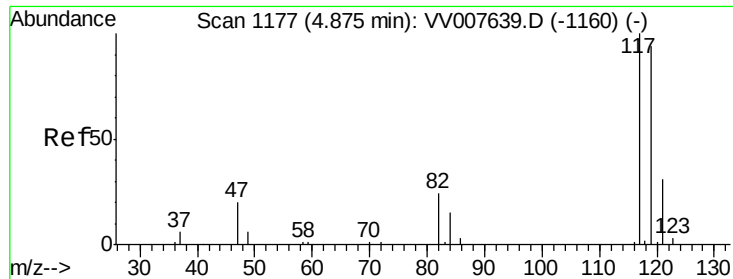
#30
 Cyclohexane
 Concen: 5.087 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion: 56 Resp: 52468
 Ion Ratio Lower Upper
 56 100
 69 33.0 26.9 40.3
 84 98.5 78.9 118.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.159 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampled :

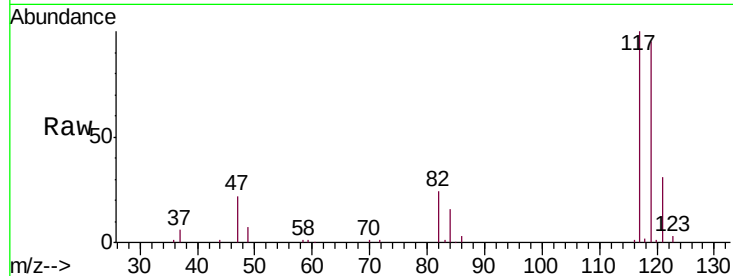
VICV72

Tgt Ion:117 Resp: 57061

Ion Ratio Lower Upper

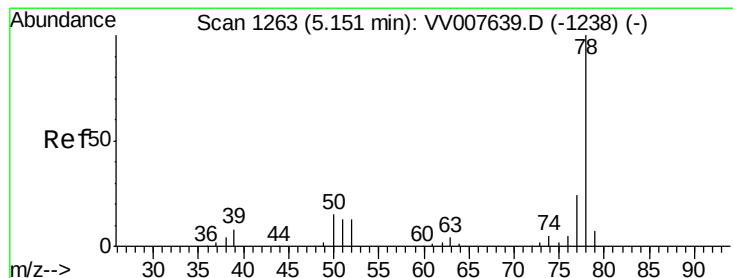
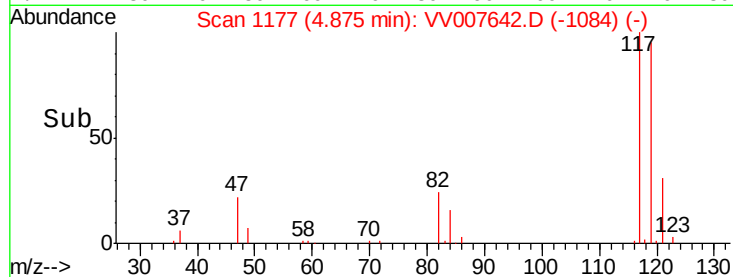
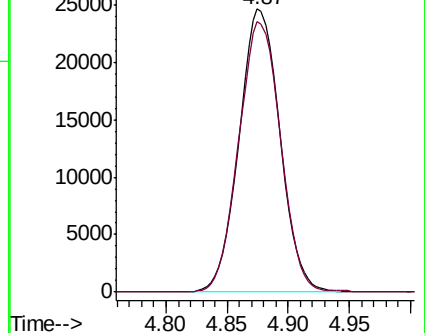
117 100

119 97.8 75.9 113.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.054 ug/L

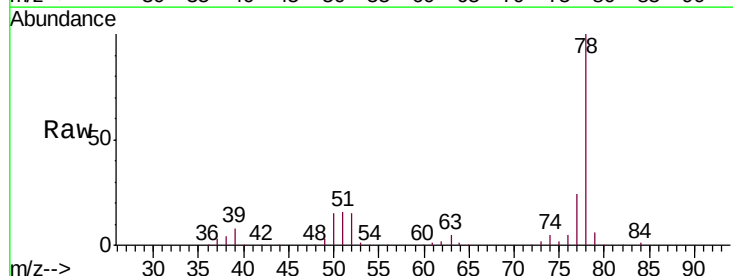
RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

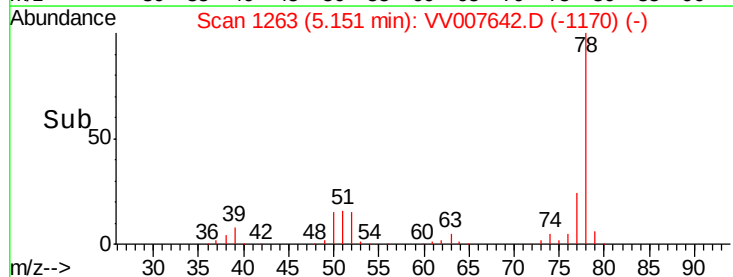
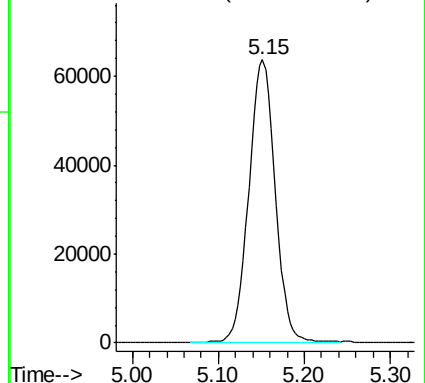
Lab File: VV007642.D

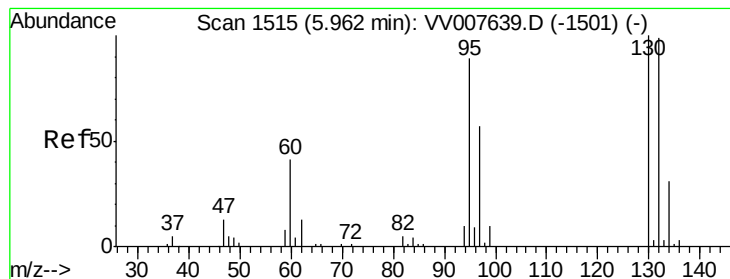
Acq: 19 Sep 2018 22:48

Tgt Ion: 78 Resp: 136632



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.095 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

Tgt Ion: 95 Resp: 40528

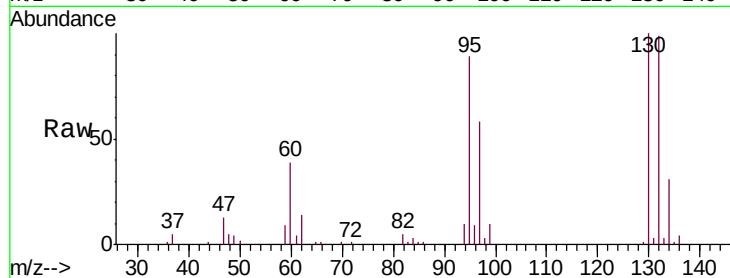
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 111.3 78.2 145.2

130 112.7 78.8 146.3

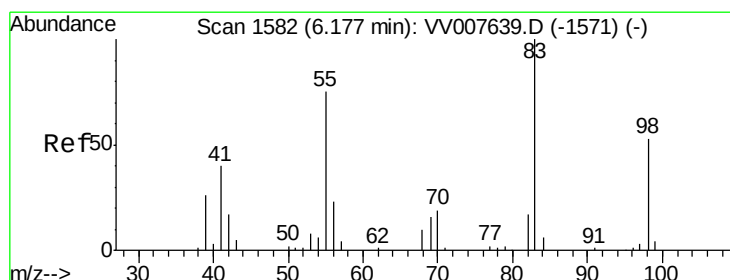
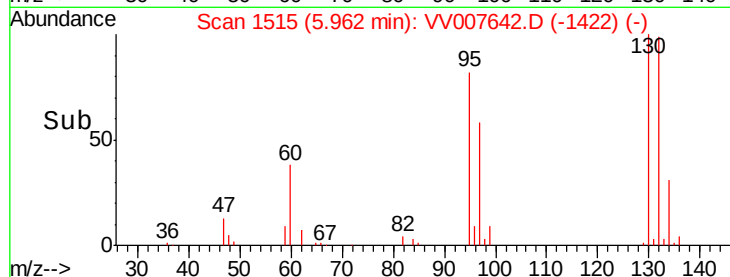
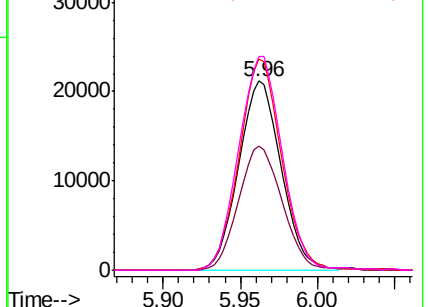


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.017 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

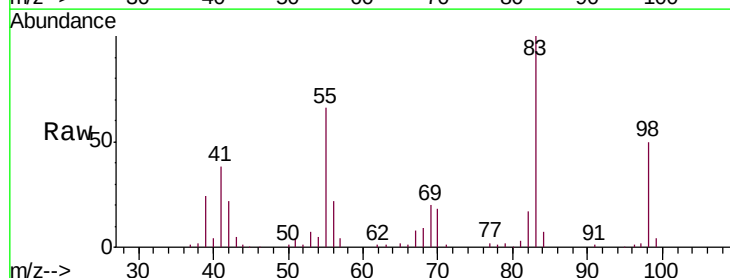
Tgt Ion: 83 Resp: 61598

Ion Ratio Lower Upper

83 100

55 67.3 54.8 82.2

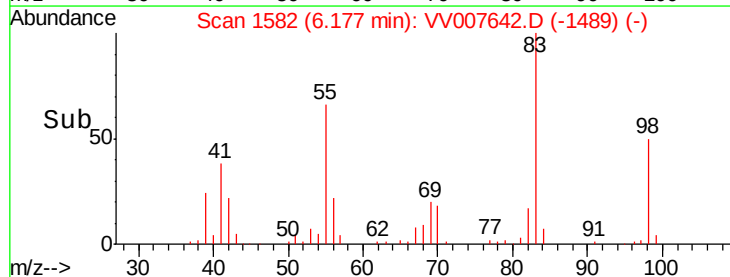
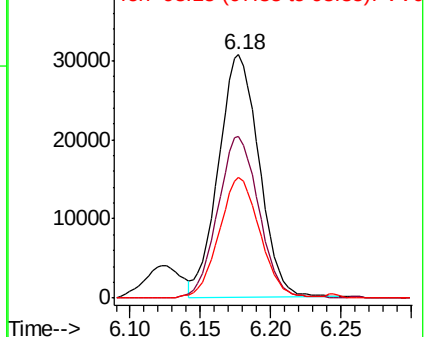
98 50.1 40.7 61.1

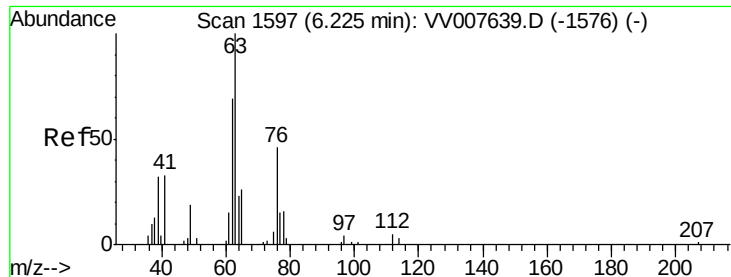


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

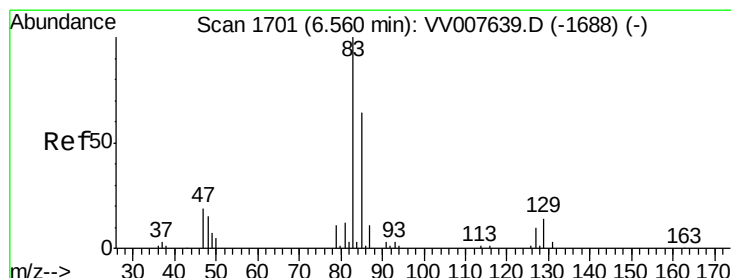
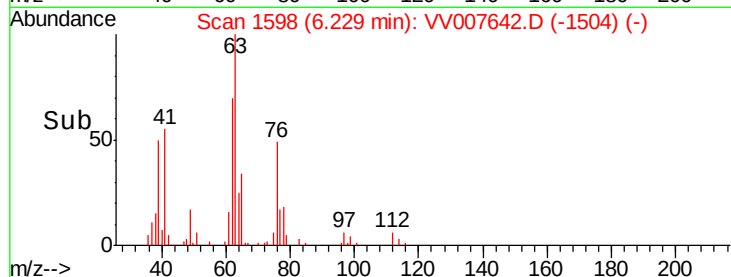
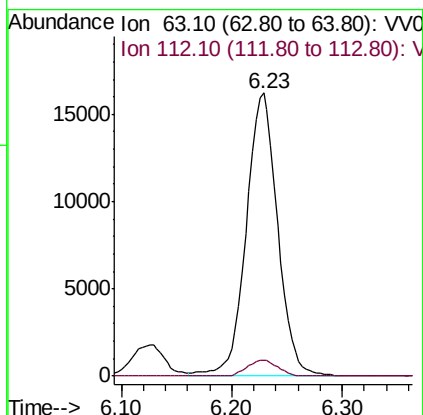
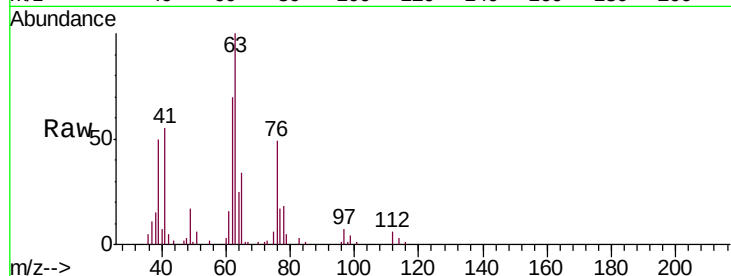




#37
 1,2-Dichloropropane
 Concen: 4.898 ug/L
 RT: 6.23 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

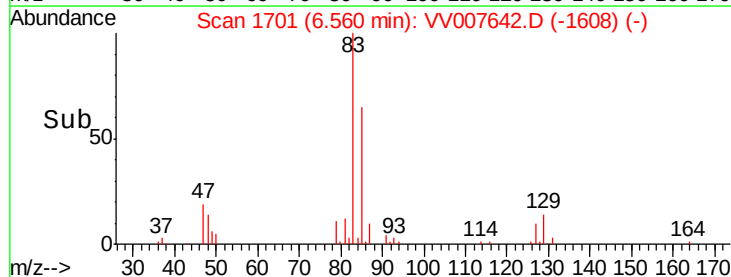
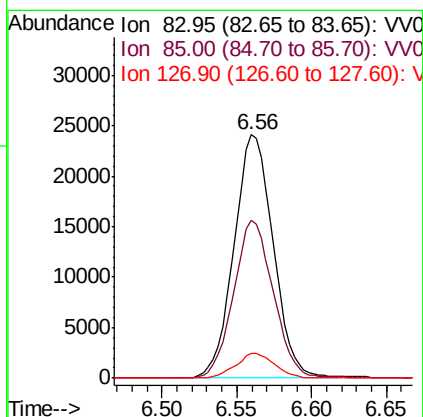
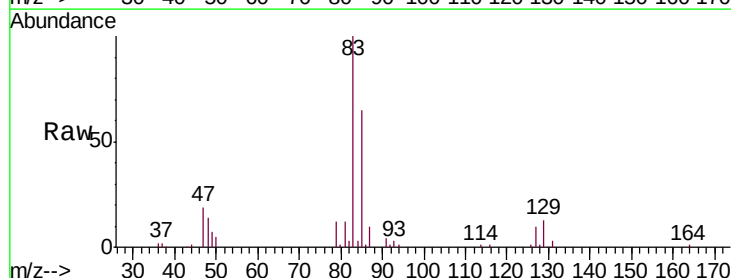
Instrument :
 MSVOA_V
 ClientSampled :
 VICV72

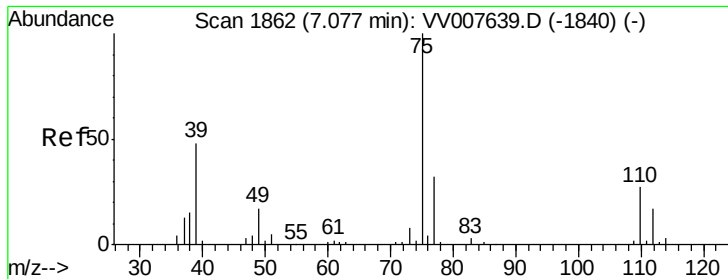
Tgt Ion: 63 Resp: 31979
 Ion Ratio Lower Upper
 63 100
 112 5.4 3.9 5.9



#38
 Bromodichloromethane
 Concen: 5.110 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion: 83 Resp: 44021
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.5 82.7
 127 9.9 7.9 11.9

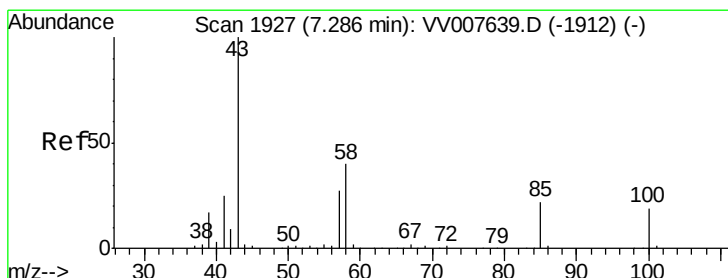
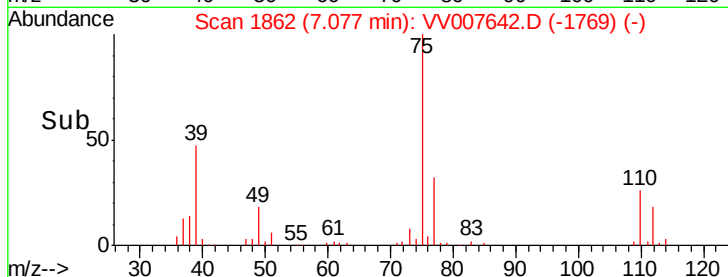
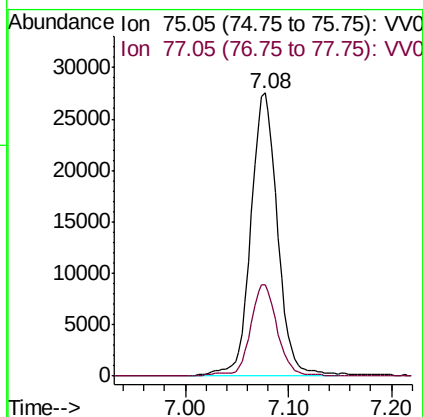
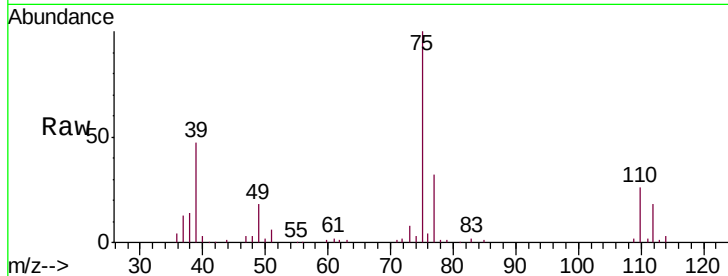




#39
 cis-1,3-Dichloropropene
 Concen: 5.251 ug/L
 RT: 7.08 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

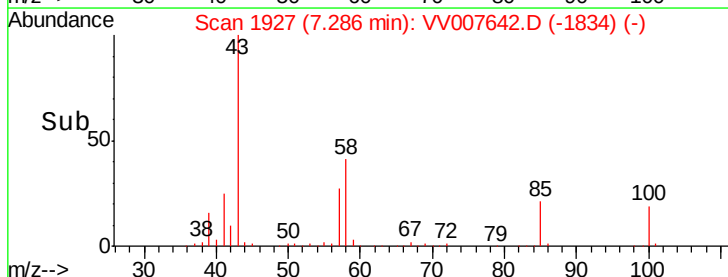
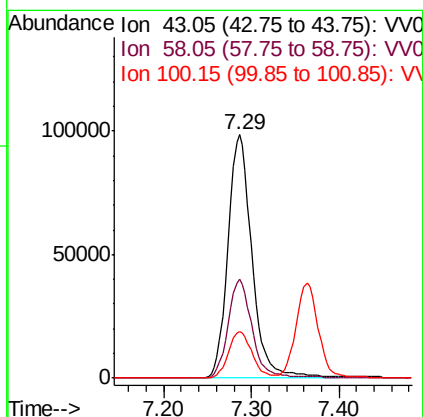
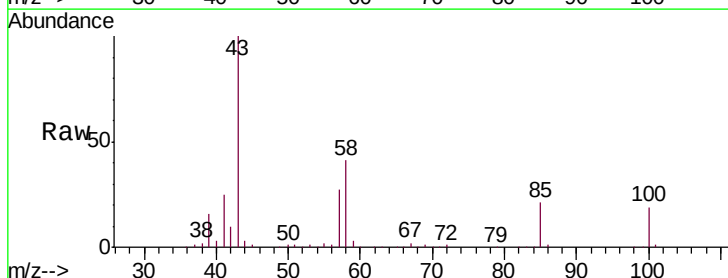
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV72

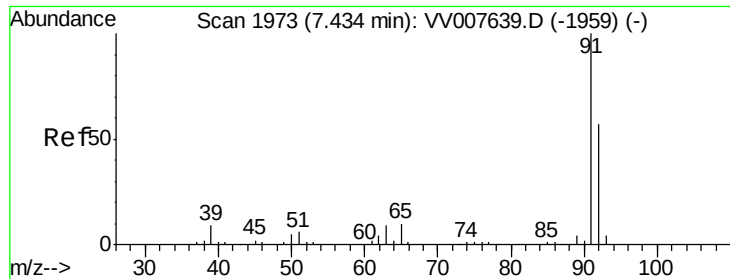
Tgt Ion: 75 Resp: 49608
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 53.359 ug/L
 RT: 7.29 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion: 43 Resp: 188475
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.4 48.6
 100 18.6 14.6 21.8





#42

Toluene

Concen: 5.336 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

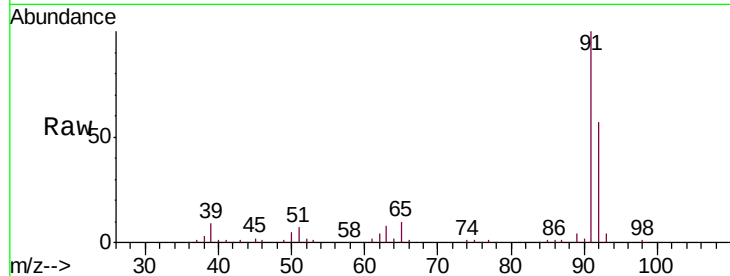
VICV72

Tgt Ion: 91 Resp: 164285

Ion Ratio Lower Upper

91 100

92 56.9 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007639.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007639.D (-1959) (-)

7.43

100000

80000

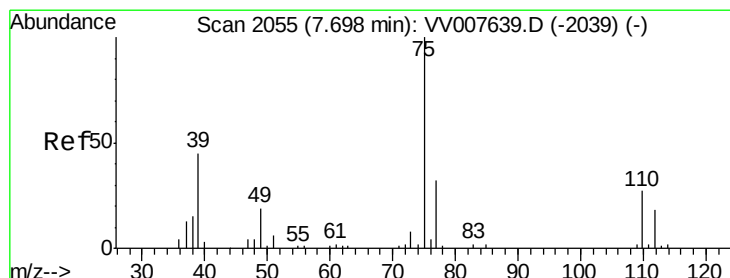
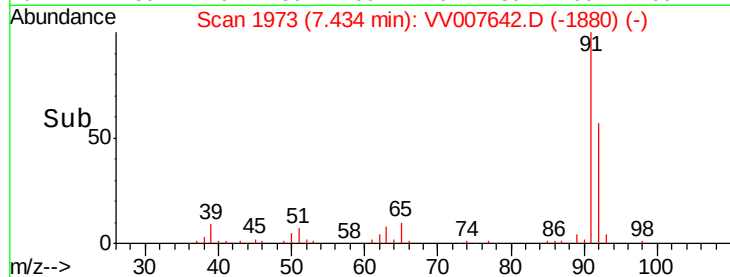
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#44

trans-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.00 min

Lab File: VV007642.D

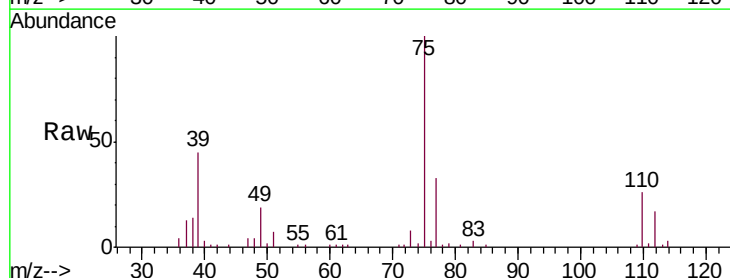
Acq: 19 Sep 2018 22:48

Tgt Ion: 75 Resp: 39628

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV007639.D (-2039) (-)

Ion 77.05 (76.75 to 77.75): VV007639.D (-2039) (-)

7.70

25000

20000

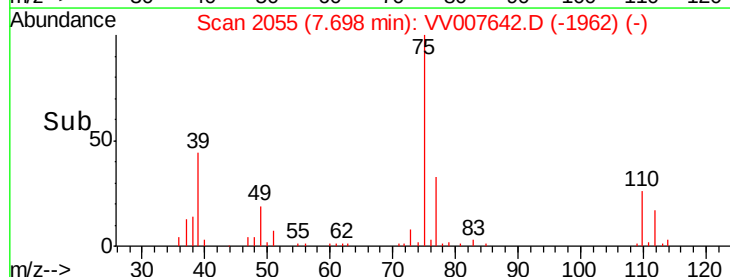
15000

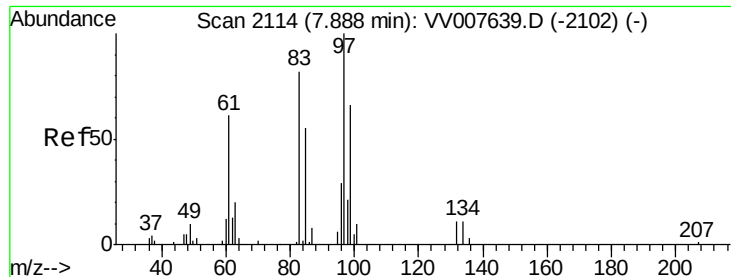
10000

5000

0

Time--> 7.60 7.65 7.70 7.75

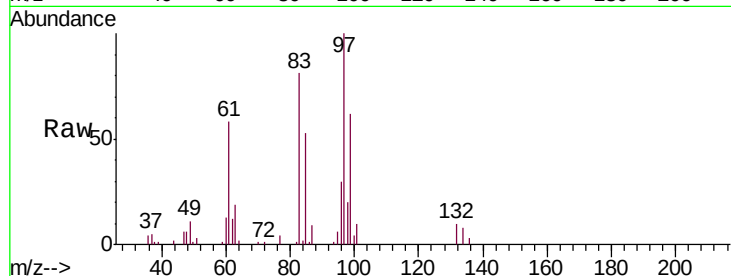




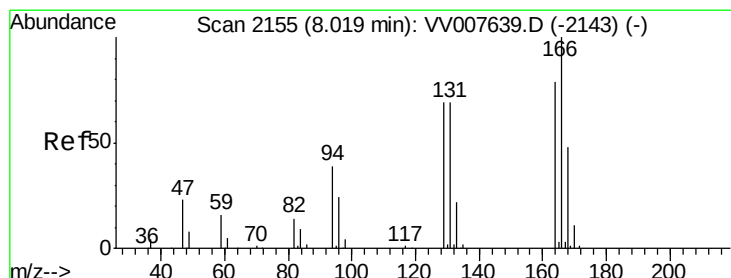
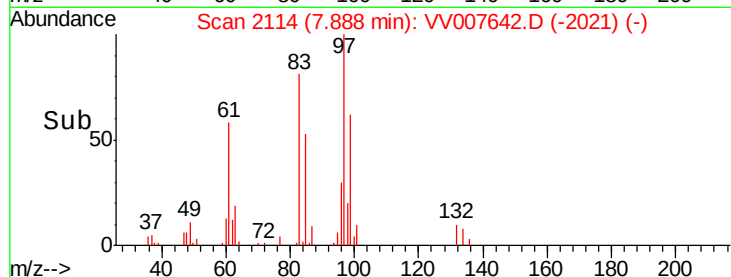
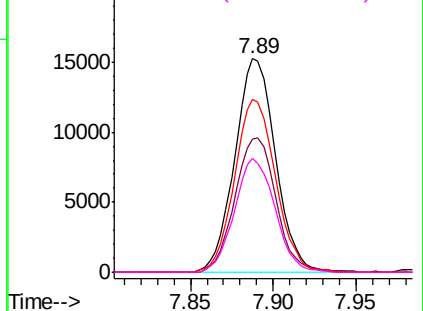
#45
 1,1,2-Trichloroethane
 Concen: 5.187 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV72

Tgt Ion:	97	Resp:	26068
Ion	Ratio	Lower	Upper
97	100		
99	62.2	46.0	85.4
83	81.1	57.3	106.3
85	53.3	38.4	71.4

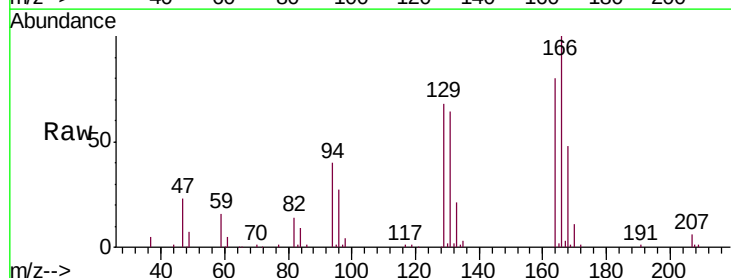


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

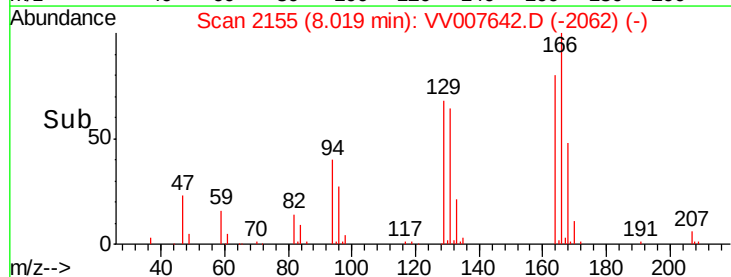
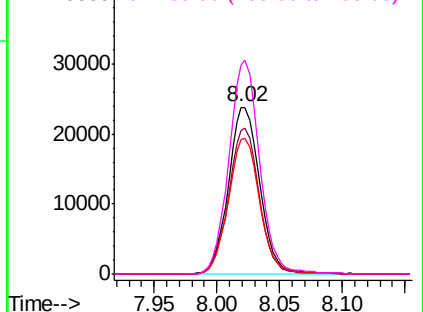


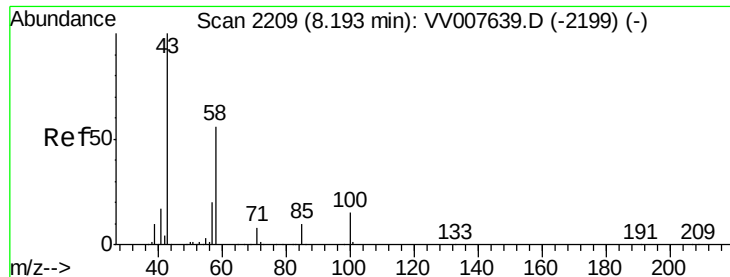
#47
 Tetrachloroethene
 Concen: 5.306 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion:	164	Resp:	41469
Ion	Ratio	Lower	Upper
164	100		
129	85.6	61.5	114.3
131	80.7	60.9	113.1
166	125.2	88.8	165.0



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

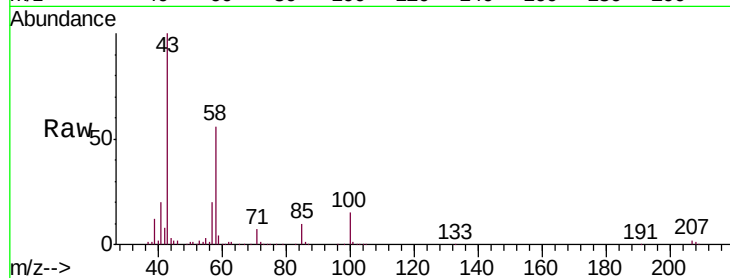




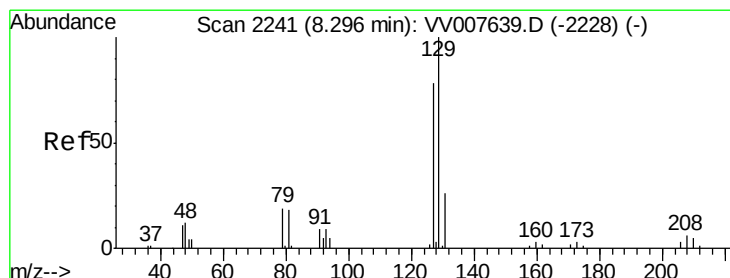
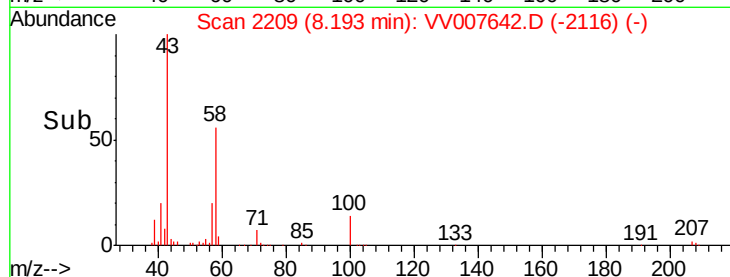
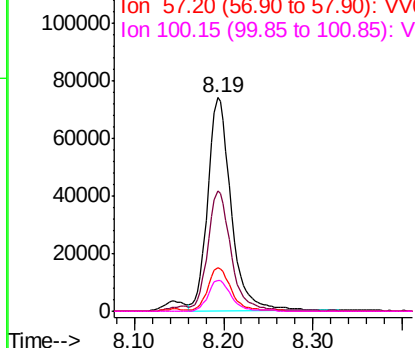
#48
2-Hexanone
Concen: 53.957 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Instrument :
MSVOA_V
ClientSampleId :
VICV72

Tgt Ion: 43 Resp: 134980
Ion Ratio Lower Upper
43 100
58 54.6 45.3 67.9
57 20.8 16.6 24.8
100 14.5 11.4 17.0

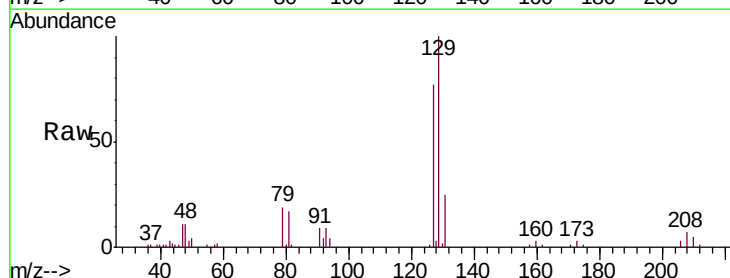


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

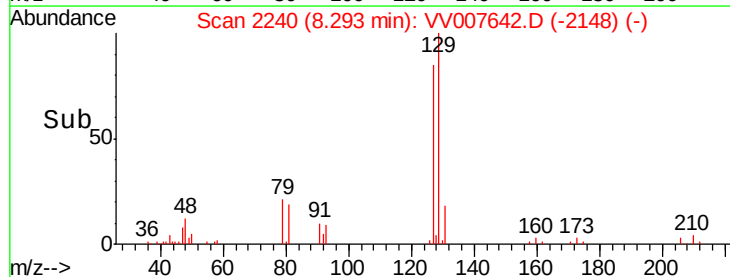
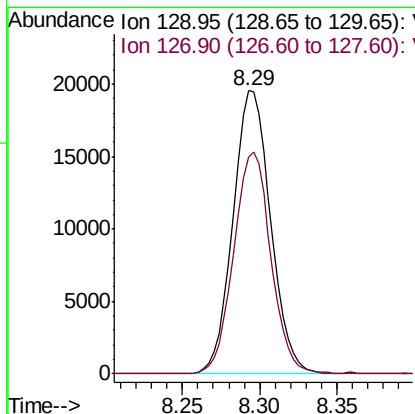


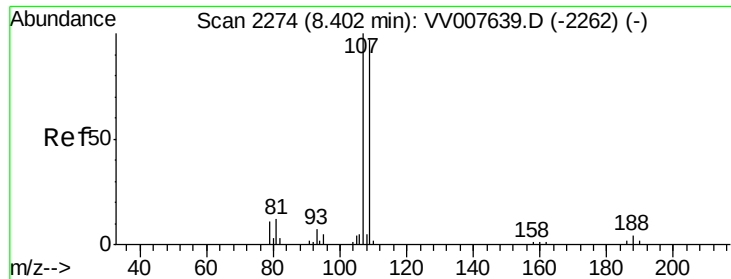
#49
Dibromochloromethane
Concen: 5.281 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Tgt Ion: 129 Resp: 33034
Ion Ratio Lower Upper
129 100
127 76.7 54.9 102.1



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

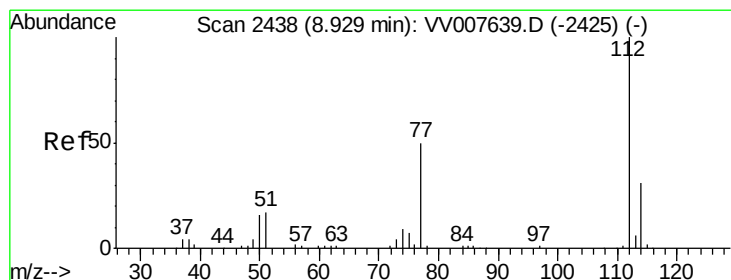
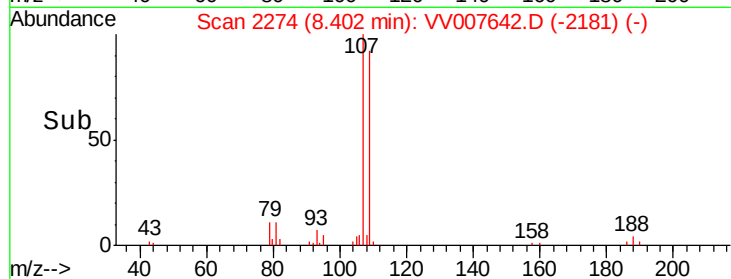
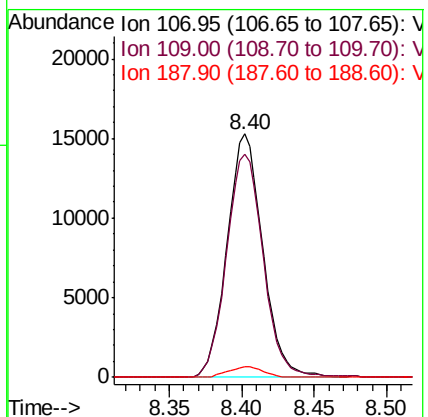
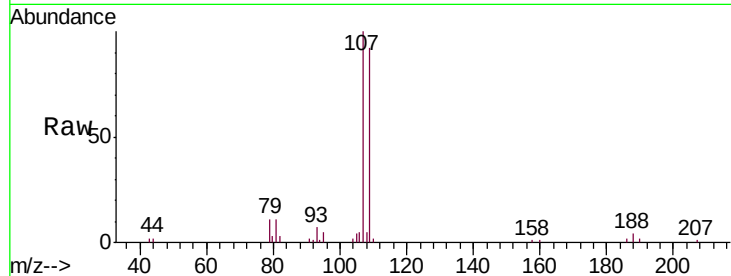




#50
1,2-Dibromoethane
Concen: 5.458 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

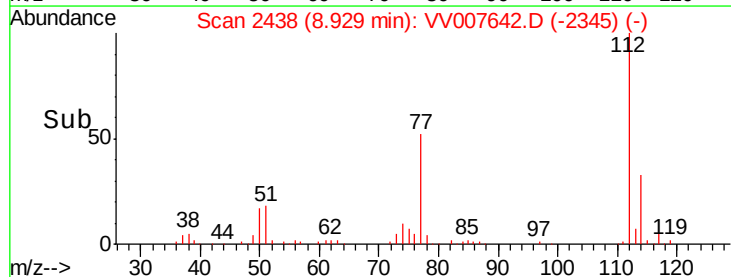
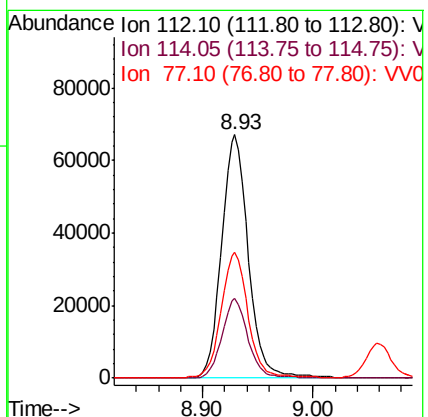
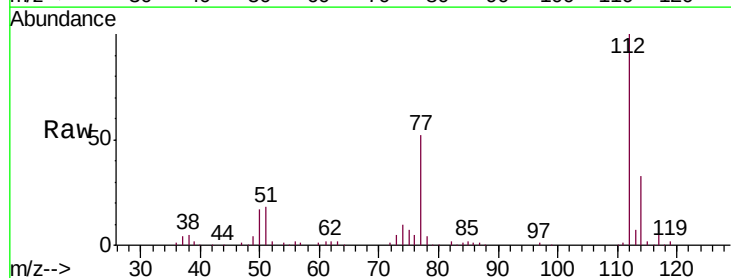
Instrument :
MSVOA_V
ClientSampleId :
VICV72

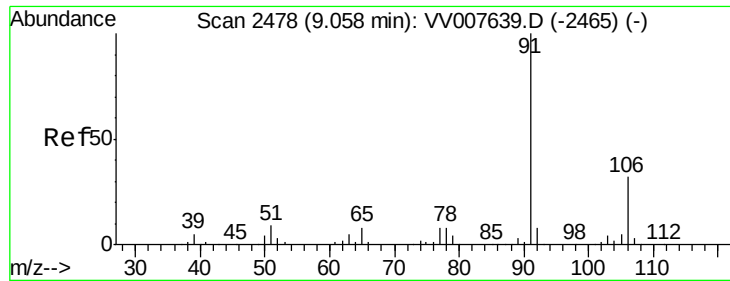
Tgt Ion:107 Resp: 26003
Ion Ratio Lower Upper
107 100
109 91.6 68.0 126.4
188 4.4 3.5 5.3



#51
Chlorobenzene
Concen: 5.277 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Tgt Ion:112 Resp: 112696
Ion Ratio Lower Upper
112 100
114 32.6 21.5 39.9
77 51.6 40.8 61.2





#52

Ethylbenzene

Concen: 5.315 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

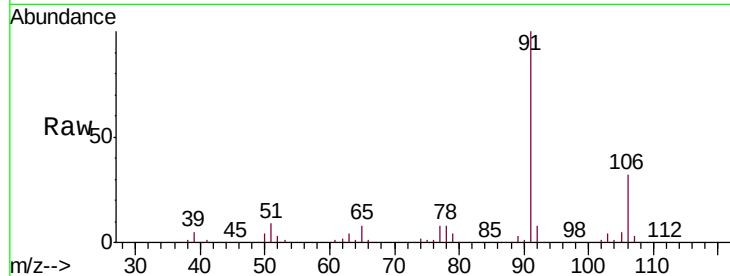
VICV72

Tgt Ion: 91 Resp: 185009

Ion Ratio Lower Upper

91 100

106 32.2 22.1 41.1



Abundance Ion 91.15 (90.85 to 91.85): VV007639.D (-2465) (-)

Ion 106.15 (105.85 to 106.85): VV007639.D (-2465) (-)

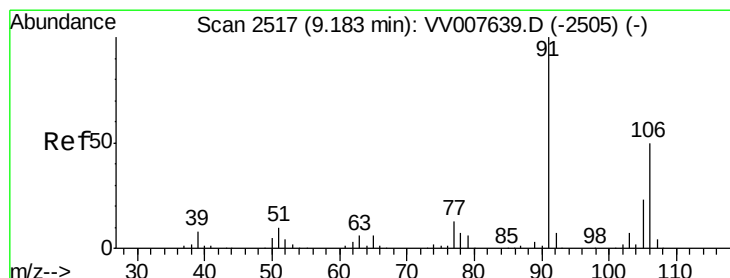
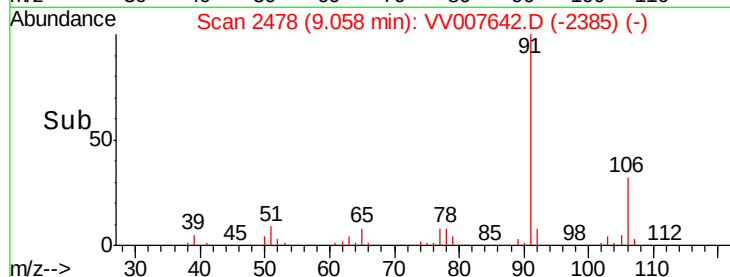
9.06

100000

50000

0

Time-->



#53

m,p-xylene

Concen: 5.224 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007642.D

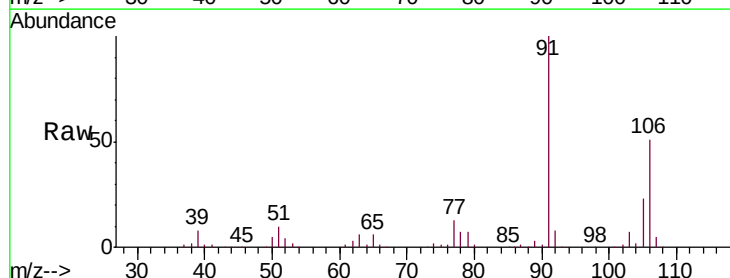
Acq: 19 Sep 2018 22:48

Tgt Ion: 106 Resp: 71475

Ion Ratio Lower Upper

106 100

91 197.9 140.9 261.7



Abundance Ion 106.15 (105.85 to 106.85): VV007639.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VV007639.D (-2505) (-)

9.19

100000

80000

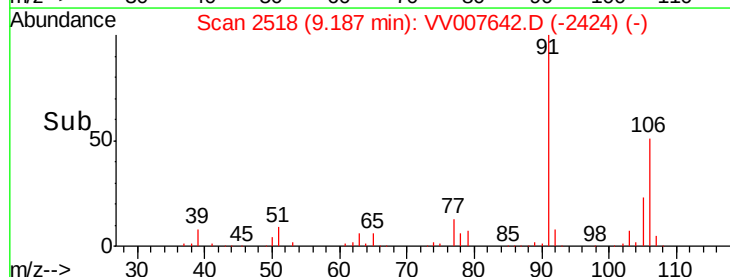
60000

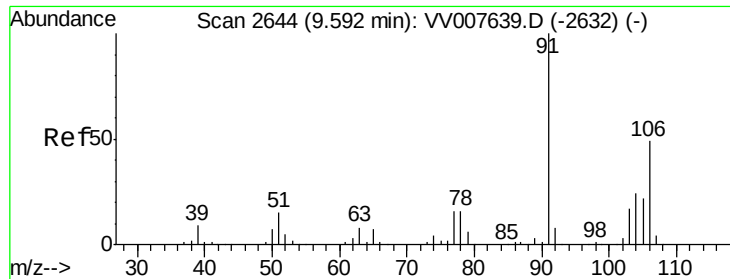
40000

20000

0

Time-->

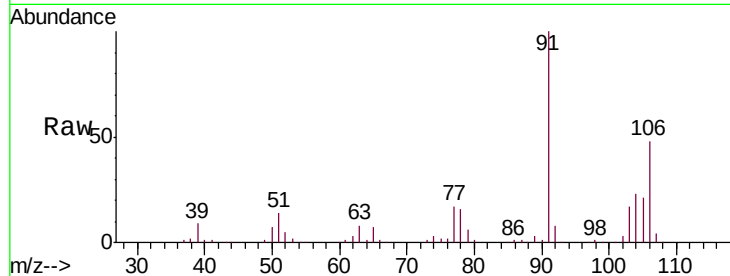




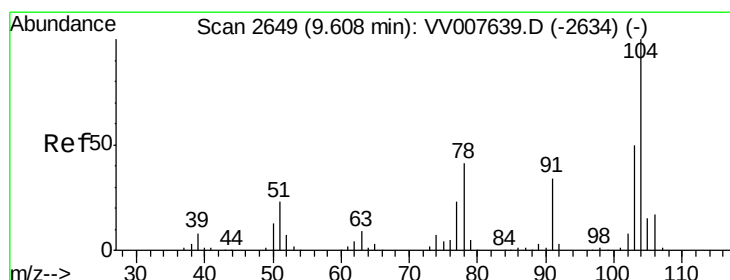
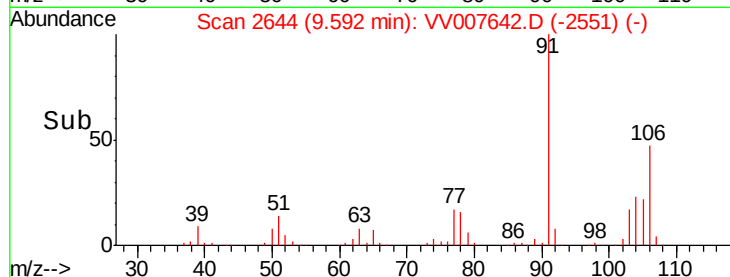
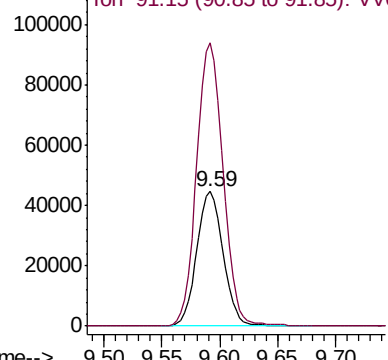
#54
o-xylene
Concen: 5.224 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Instrument :
MSVOA_V
ClientSampleId :
VICV72

Tgt Ion:106 Resp: 70345
Ion Ratio Lower Upper
106 100
91 210.4 143.3 266.1

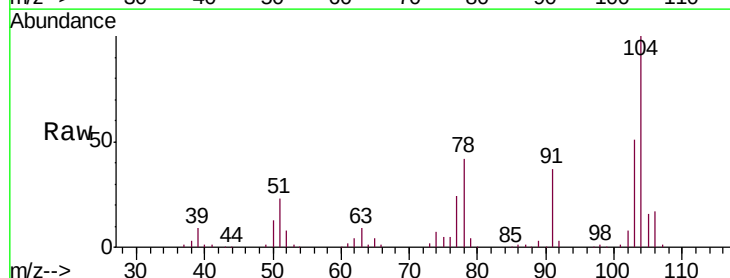


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

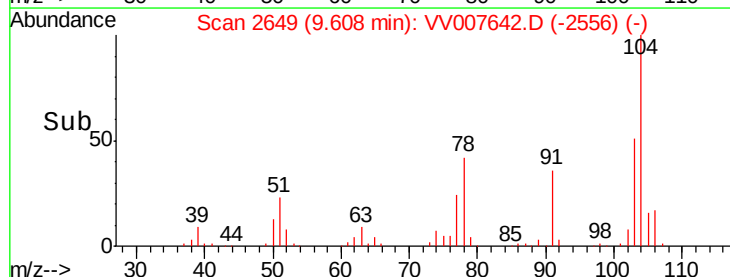
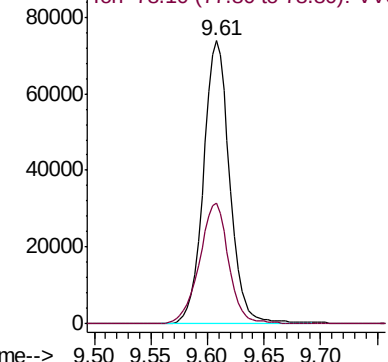


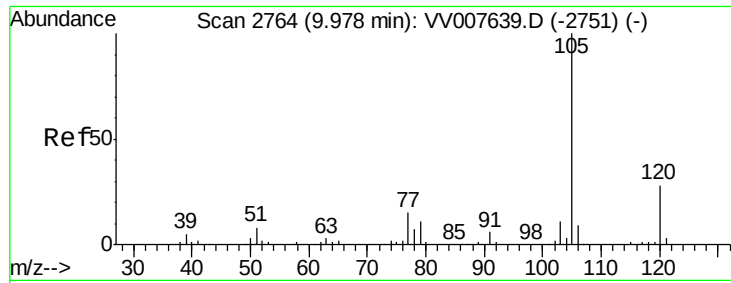
#55
Styrene
Concen: 5.416 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. -0.00 min
Lab File: VV007642.D
Acq: 19 Sep 2018 22:48

Tgt Ion:104 Resp: 119203
Ion Ratio Lower Upper
104 100
78 42.5 29.0 53.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.276 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

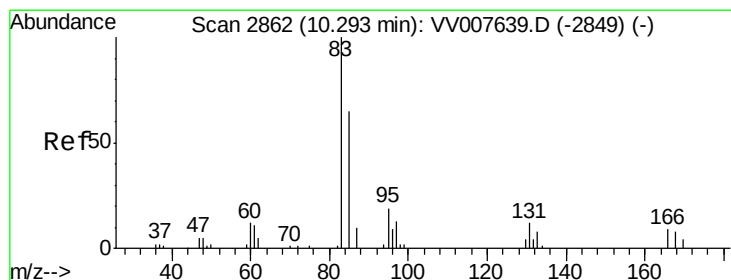
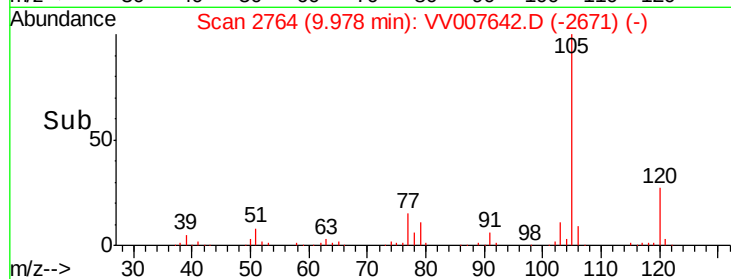
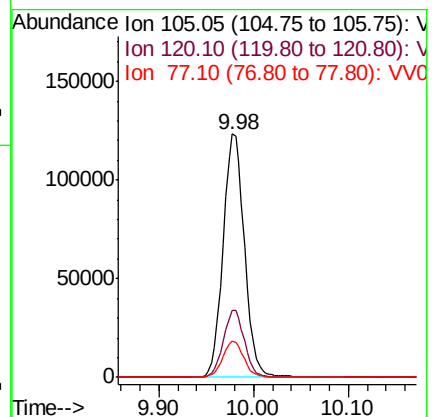
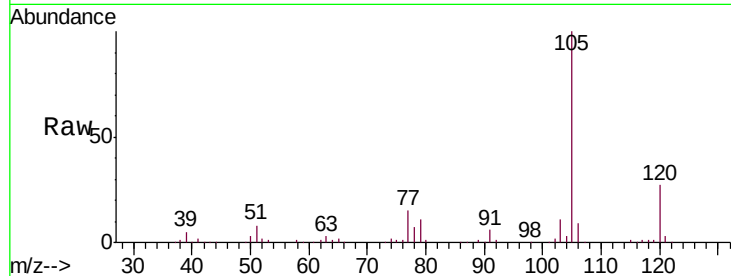
Tgt Ion: 105 Resp: 193294

Ion Ratio Lower Upper

105 100

120 27.2 22.4 33.6

77 14.7 11.8 17.6



#58

1,1,2,2-Tetrachloroethane

Concen: 5.171 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

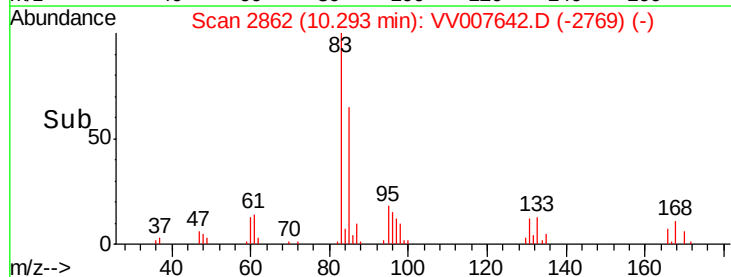
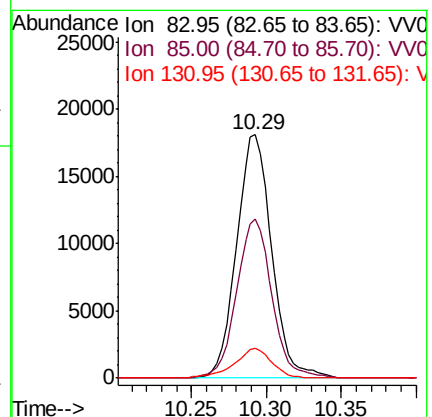
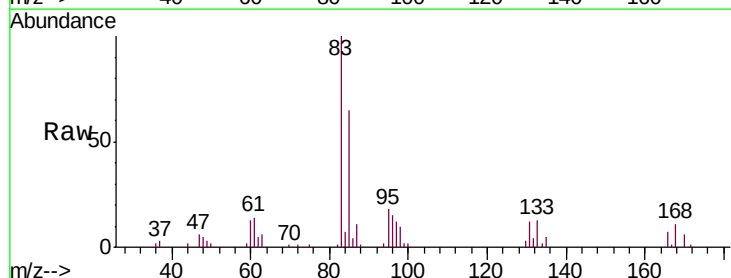
Tgt Ion: 83 Resp: 29656

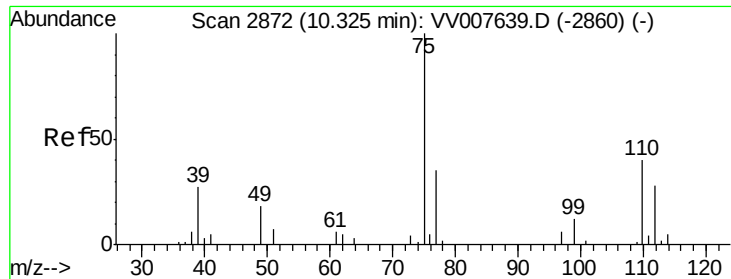
Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.2

131 12.1 9.4 14.0

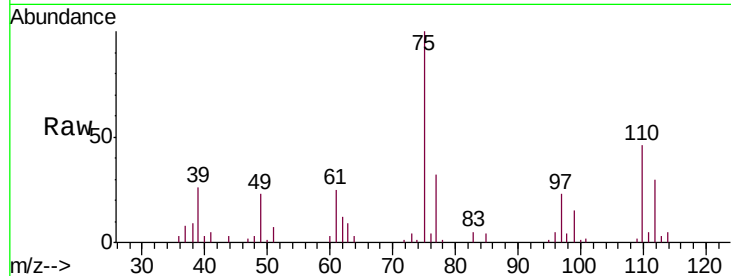




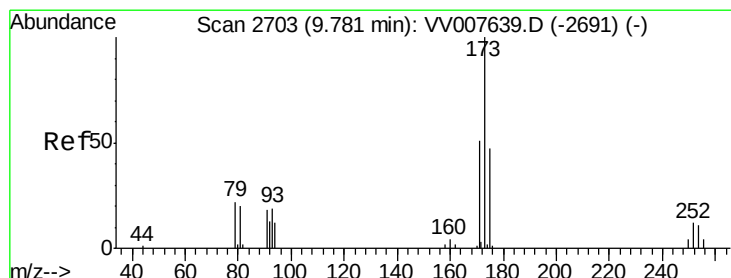
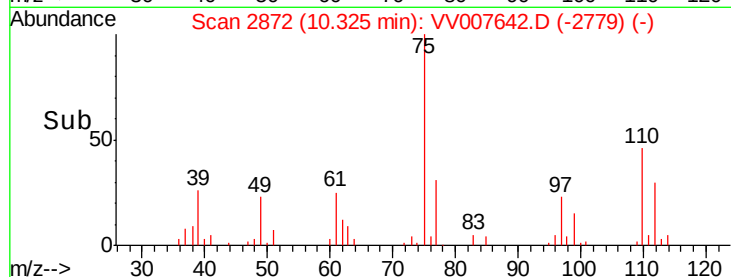
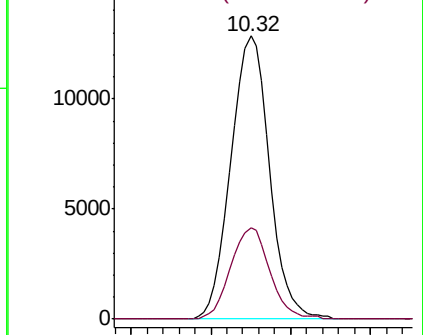
#59
 1,2,3-Trichloropropane
 Concen: 5.269 ug/L
 RT: 10.32 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Instrument :
 MSVOA_V
 ClientSampled :
 VICV72

Tgt Ion: 75 Resp: 21083
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.5 39.7

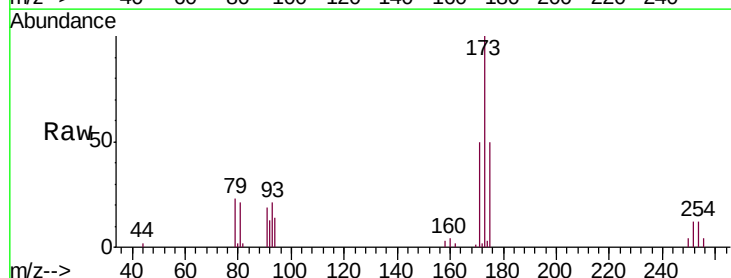


Abundance Ion 75.00 (74.70 to 75.70): VV007639.D (-2860) (-)
 Ion 77.00 (76.70 to 77.70): VV007639.D (-2860) (-)

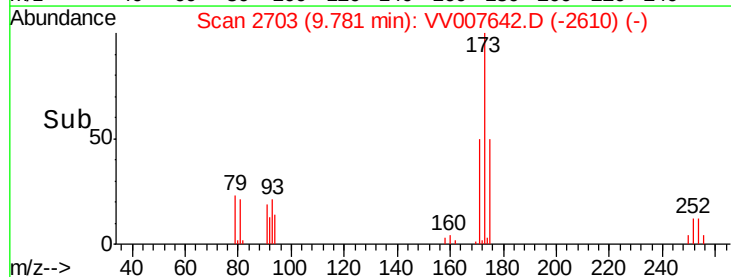
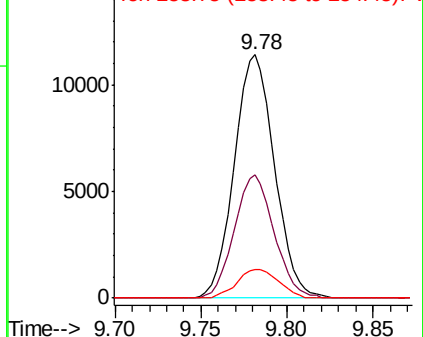


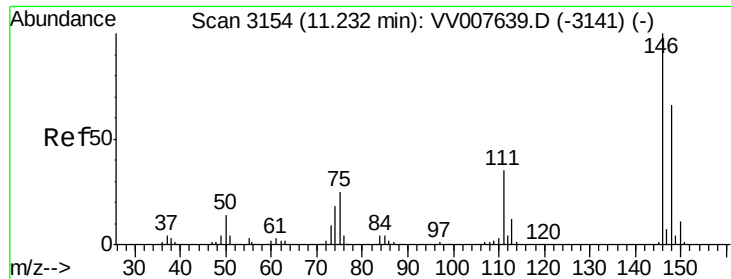
#61
 Bromoform
 Concen: 5.117 ug/L
 RT: 9.78 min Scan# 2703
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion: 173 Resp: 18612
 Ion Ratio Lower Upper
 173 100
 175 49.9 37.5 56.3
 254 12.2 8.5 12.7



Abundance Ion 172.90 (172.60 to 173.60): VV007639.D (-2691) (-)
 Ion 174.90 (174.60 to 175.60): VV007639.D (-2691) (-)
 Ion 253.75 (253.45 to 254.45): VV007639.D (-2691) (-)





#62

1,3-Dichlorobenzene

Concen: 5.313 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

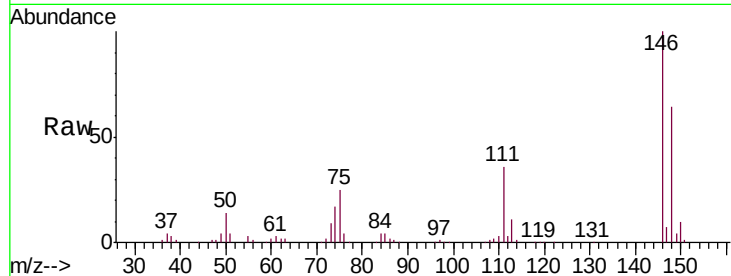
Tgt Ion:146 Resp: 99497

Ion Ratio Lower Upper

146 100

111 35.7 24.7 45.9

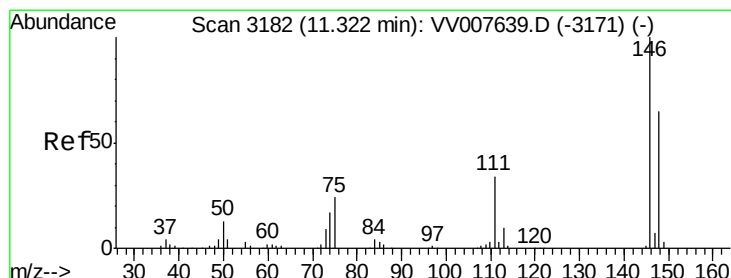
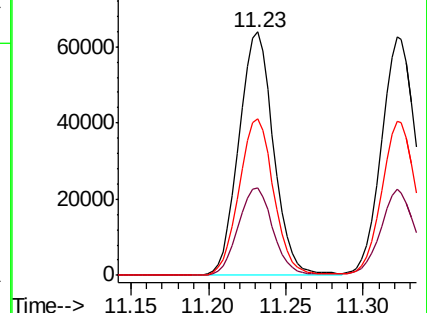
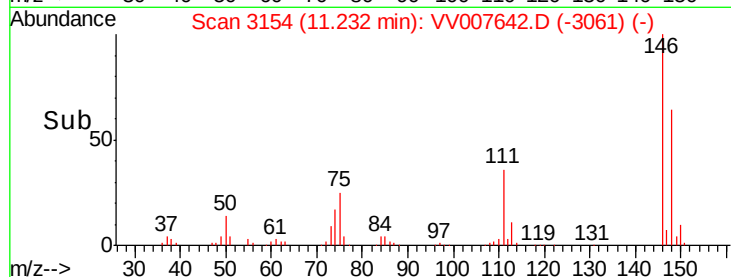
148 64.1 46.1 85.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.299 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

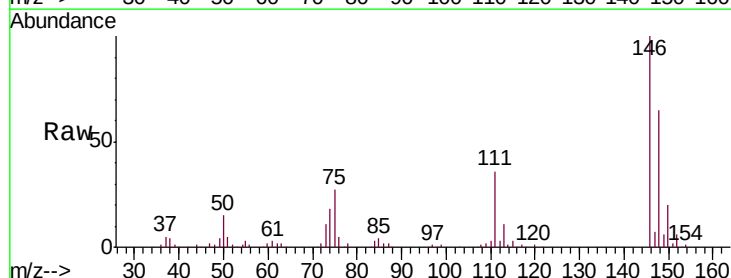
Tgt Ion:146 Resp: 99772

Ion Ratio Lower Upper

146 100

111 36.0 24.3 45.1

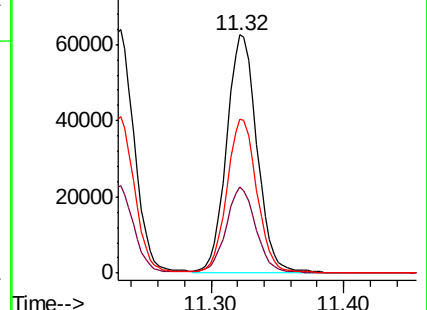
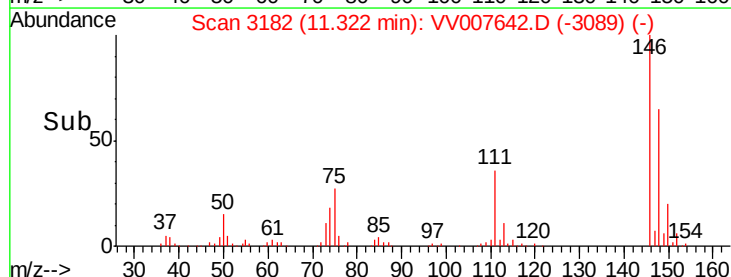
148 64.8 45.7 84.9

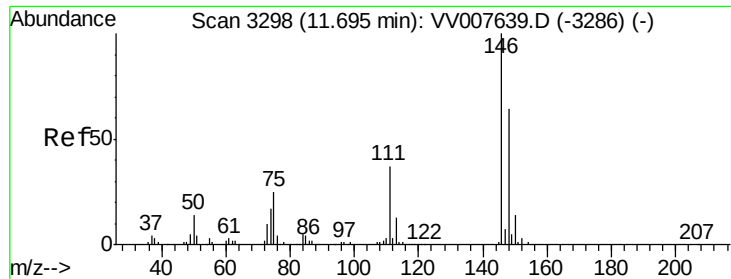


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.247 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

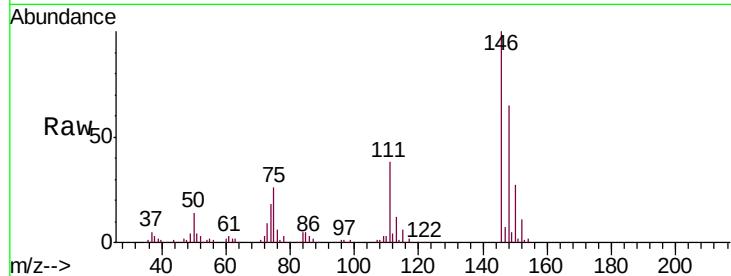
Tgt Ion:146 Resp: 92435

Ion Ratio Lower Upper

146 100

111 37.7 30.0 45.0

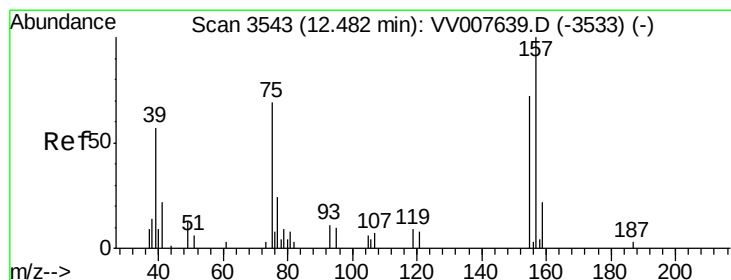
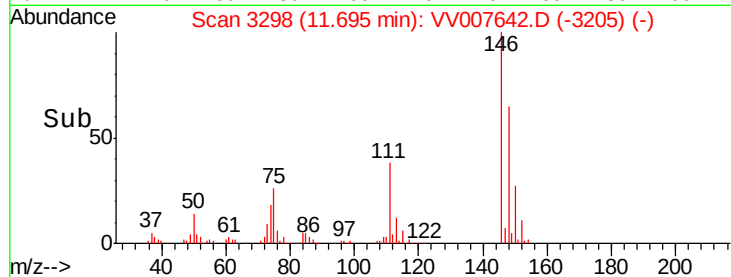
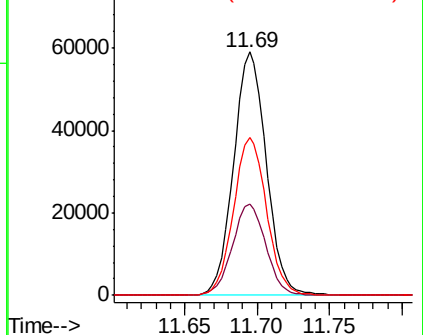
148 64.8 51.5 77.3



Abundance Ion 145.95 (145.65 to 146.65): 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: 5.579 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

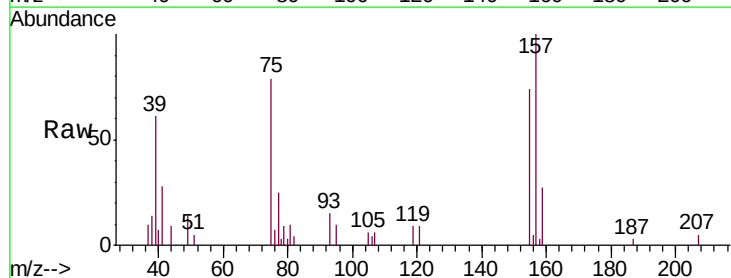
Tgt Ion: 75 Resp: 4470

Ion Ratio Lower Upper

75 100

155 93.0 84.6 127.0

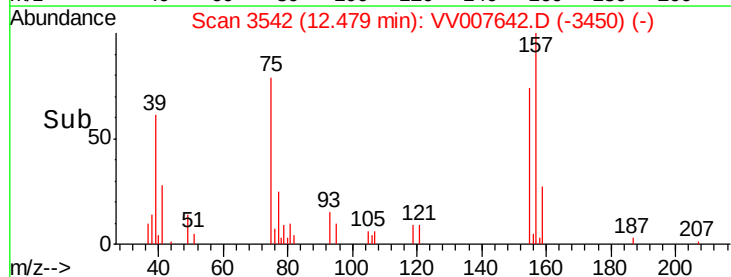
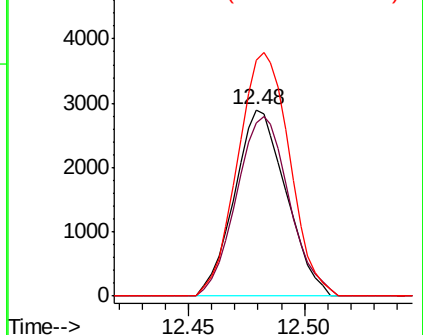
157 126.3 116.8 175.2

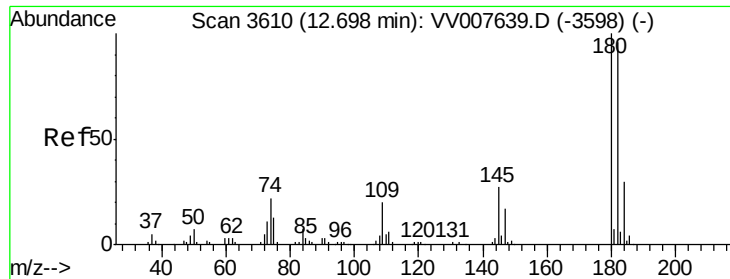


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

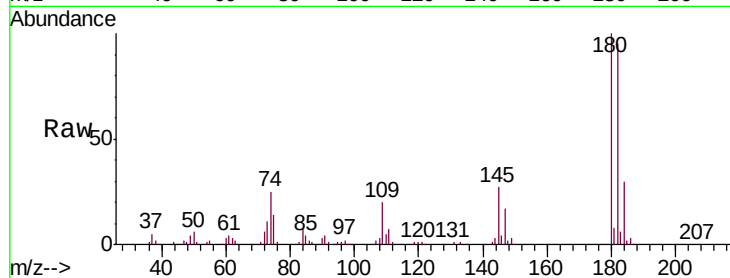




#67
 1,3,5-Trichlorobenzene
 Concen: 5.378 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV72

Tgt Ion:	180	Resp:	87265
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.8
184	30.4	24.5	36.7
145	26.9	21.4	32.2



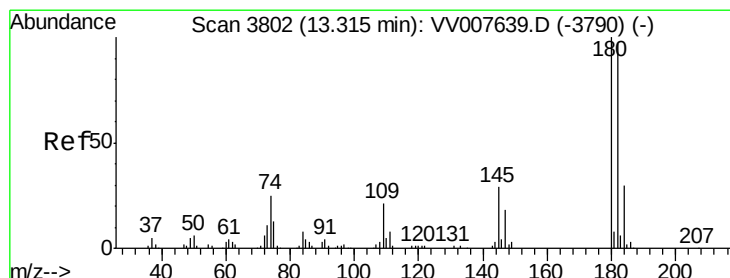
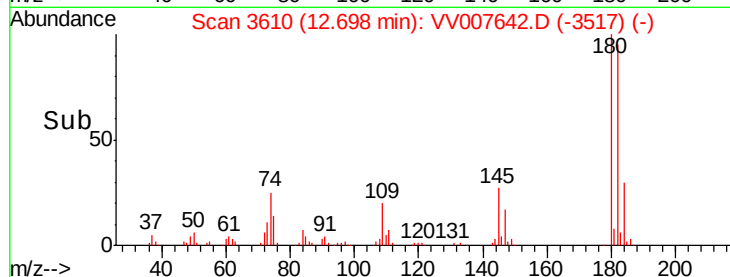
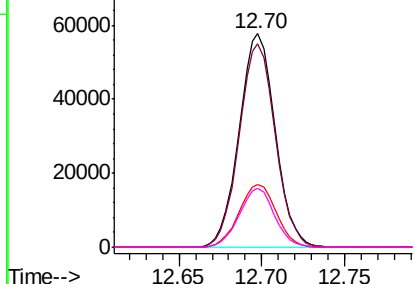
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

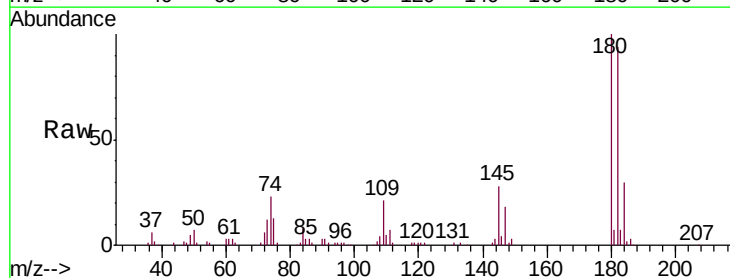
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.465 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. -0.00 min
 Lab File: VV007642.D
 Acq: 19 Sep 2018 22:48

Tgt Ion:	180	Resp:	72299
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.8	116.6
145	28.5	23.0	34.4

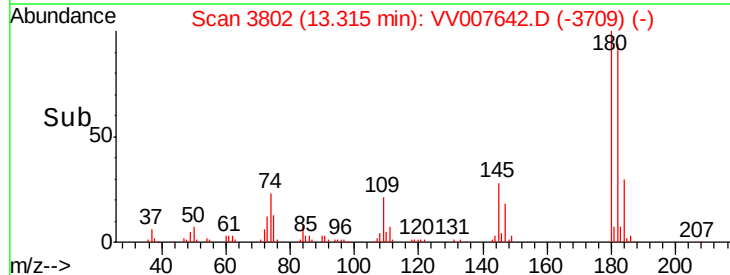
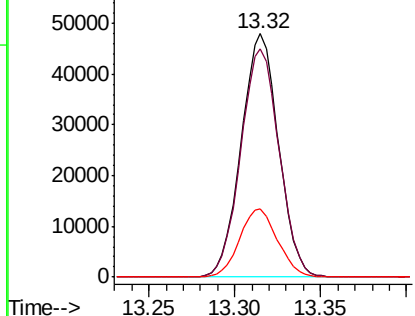


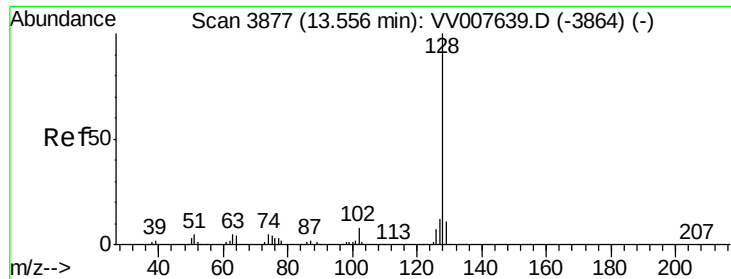
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 6.325 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

VICV72

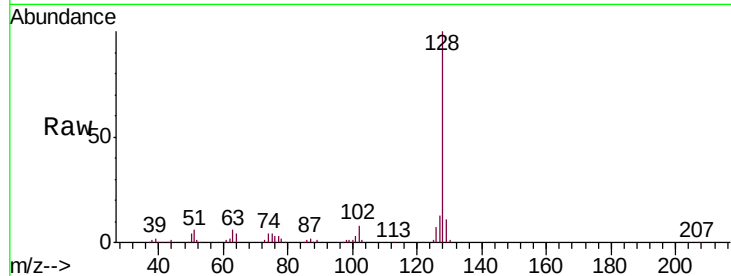
Tgt Ion:128 Resp: 125014

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

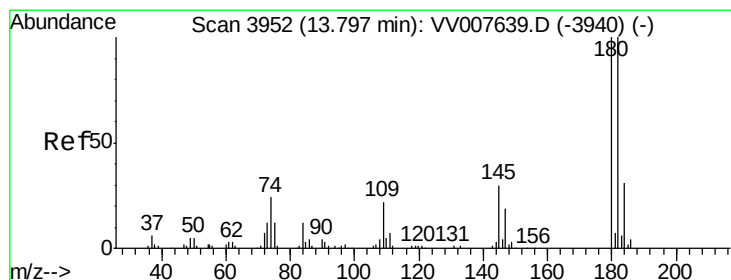
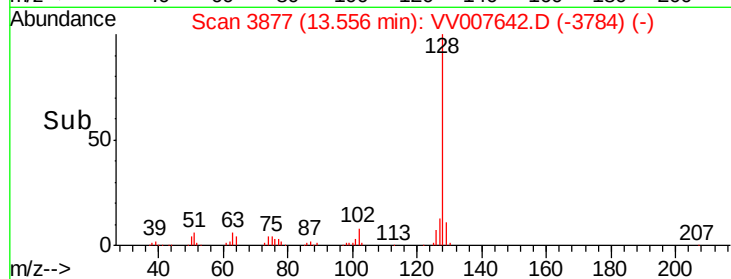
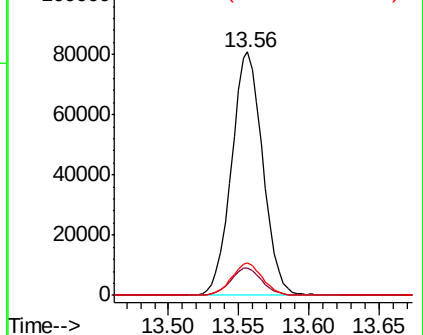
127 13.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.490 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV007642.D

Acq: 19 Sep 2018 22:48

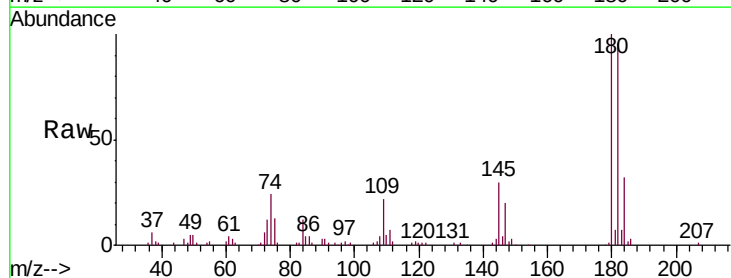
Tgt Ion:180 Resp: 66875

Ion Ratio Lower Upper

180 100

182 95.1 79.7 119.5

145 28.9 23.9 35.9



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

