

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
 Data File : VV007515.D
 Acq On : 13 Sep 2018 17:56
 Operator : SY/MD
 Sample : VSTD00567
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 04:11:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 04:09:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	129836	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32813	4.79	ug/L	0.00
7) Chloroethane-d5	1.58	69	27236	4.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	69306	4.94	ug/L	0.00
20) 2-Butanone-d5	3.97	46	49921	35.72	ug/L	0.00
24) Chloroform-d	4.41	84	69028	5.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	34377	4.83	ug/L	0.00
32) Benzene-d6	5.10	84	133759	4.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	40344	4.97	ug/L	0.00
41) Toluene-d8	7.36	98	140769	5.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	18715	4.66	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	31708	35.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28332	4.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	57642	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35605	4.860	ug/L 100
3) Chloromethane	1.25	50	29951	4.572	ug/L 100
5) Vinyl chloride	1.32	62	34303	4.581	ug/L 100
6) Bromomethane	1.54	94	24466	4.847	ug/L 100
8) Chloroethane	1.60	64	20614	4.609	ug/L 100
9) Trichlorofluoromethane	1.77	101	68544	5.129	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37387	4.907	ug/L 100
12) 1,1-Dichloroethene	2.15	96	32489	4.842	ug/L 100
13) Acetone	2.21	43	30083	36.761	ug/L 100
14) Carbon disulfide	2.32	76	97770	4.803	ug/L 100
15) Methyl Acetate	2.47	43	8524	3.749	ug/L 100
16) Methylene chloride	2.54	84	31903	4.468	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	79196	4.717	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	37104	5.128	ug/L 100
19) 1,1-Dichloroethane	3.23	63	51299	4.450	ug/L 100
21) 2-Butanone	4.05	43	52776	39.415	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	35087	5.010	ug/L 100
23) Bromochloromethane	4.30	128	15794	4.728	ug/L 100
25) Chloroform	4.43	83	58516	4.885	ug/L 100
27) 1,2-Dichloroethane	5.19	62	35168	4.736	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	57570	4.732	ug/L 100
30) Cyclohexane	4.73	56	50272	4.677	ug/L 100
31) Carbon tetrachloride	4.88	117	53920	4.812	ug/L 100
33) Benzene	5.15	78	123564	4.790	ug/L 100
34) Trichloroethene	5.96	95	38186	4.875	ug/L 100
35) Methylcyclohexane	6.18	83	60414	4.991	ug/L 100
37) 1,2-Dichloropropane	6.23	63	29368	4.557	ug/L 100
38) Bromodichloromethane	6.56	83	43986	4.767	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	49251	4.715	ug/L 100
40) 4-Methyl-2-pentanone	7.29	43	173554	46.930	ug/L 100

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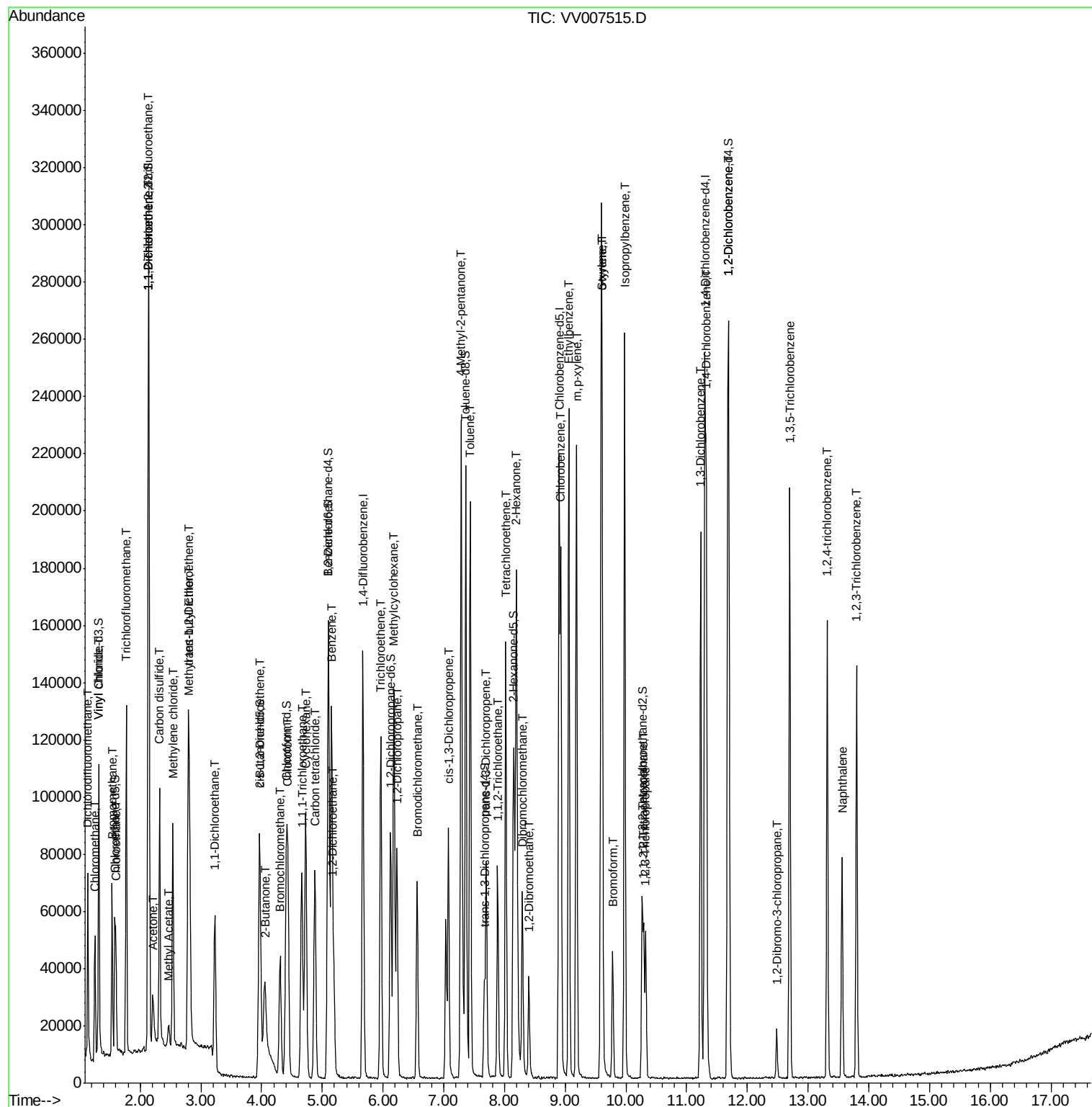
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	143656	4.995	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	40014	4.576	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	22860	4.600	ug/L	100
47) Tetrachloroethene	8.02	164	34282	5.079	ug/L	100
48) 2-Hexanone	8.20	43	121997	45.437	ug/L	100
49) Dibromochloromethane	8.30	129	32722	4.782	ug/L	100
50) 1,2-Dibromoethane	8.40	107	22941	4.745	ug/L	100
51) Chlorobenzene	8.93	112	96958	4.934	ug/L	100
52) Ethylbenzene	9.06	91	165232	5.024	ug/L	100
53) m,p-xylene	9.19	106	64144	4.991	ug/L	100
54) o-xylene	9.59	106	62436	4.993	ug/L	100
55) Styrene	9.61	104	103073	5.023	ug/L	100
56) Isopropylbenzene	9.98	105	168803	5.012	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23464	4.438	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	19483	4.661	ug/L	100
61) Bromoform	9.78	173	20112	4.521	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	84077	5.032	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	83676	5.034	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	77018	4.912	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	4196	3.772	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	67217	5.228	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	51510	5.310	ug/L	100
69) Naphthalene	13.56	128	64691	4.446	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	46735	5.152	ug/L	100

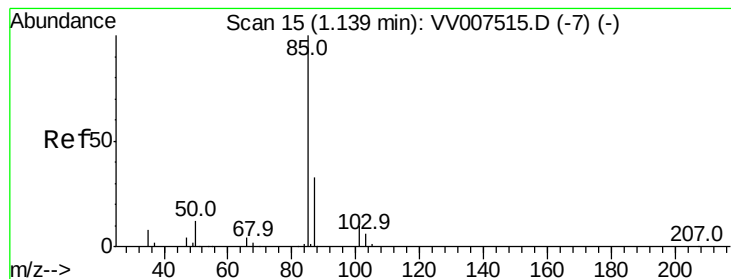
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.860 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

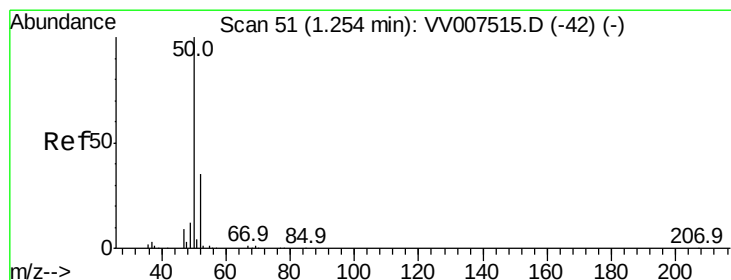
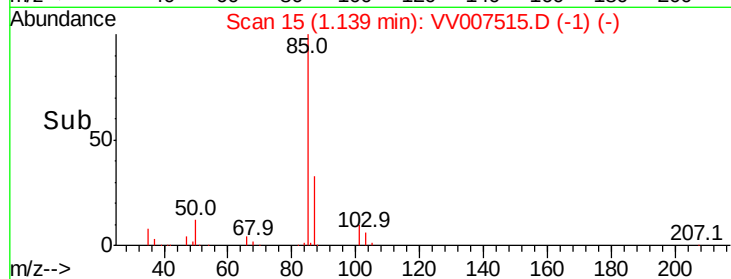
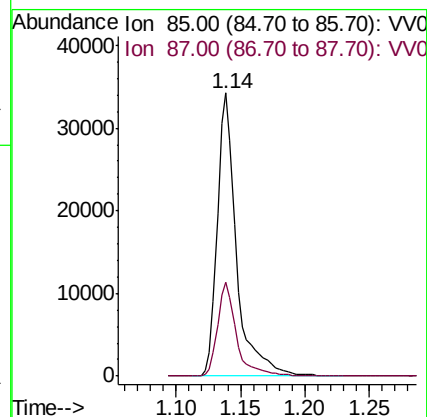
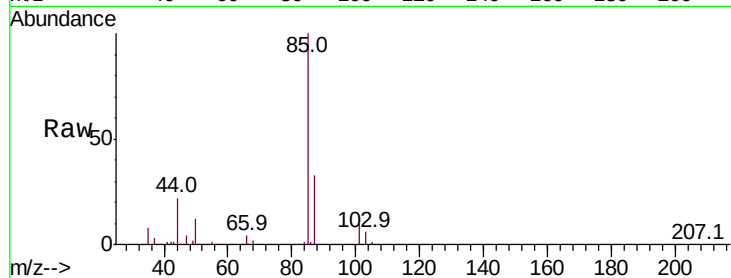
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 35605

Ion Ratio Lower Upper

85 100

87 32.2 25.8 38.6



#3

Chloromethane

Concen: 4.572 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV007515.D

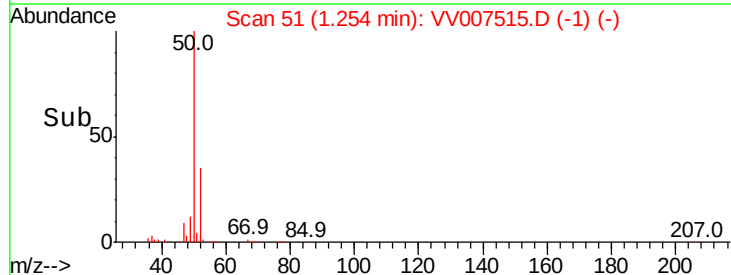
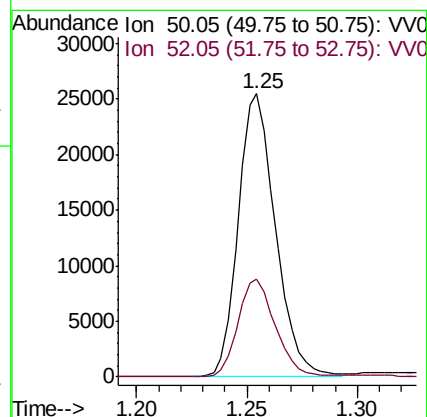
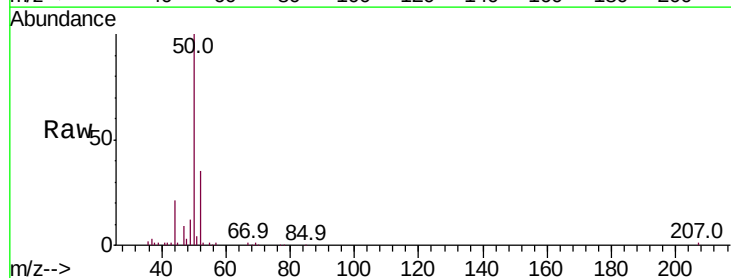
Acq: 13 Sep 2018 17:56

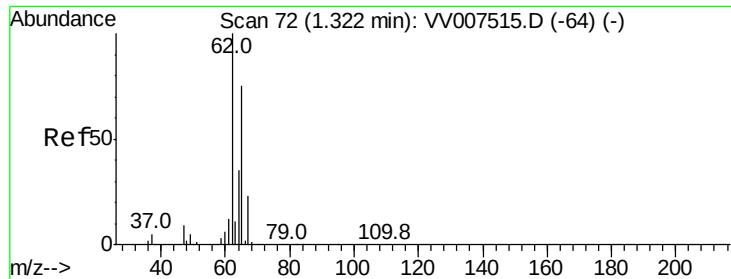
Tgt Ion: 50 Resp: 29951

Ion Ratio Lower Upper

50 100

52 34.7 24.3 45.1





#5

Vinyl chloride

Concen: 4.581 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

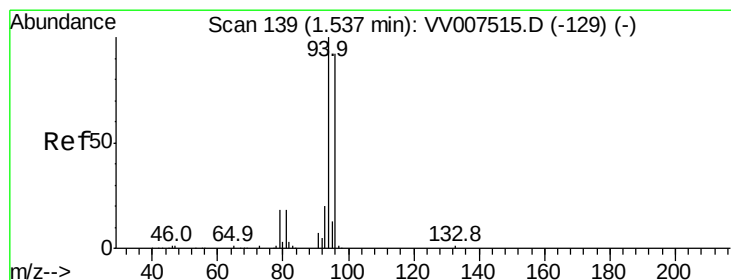
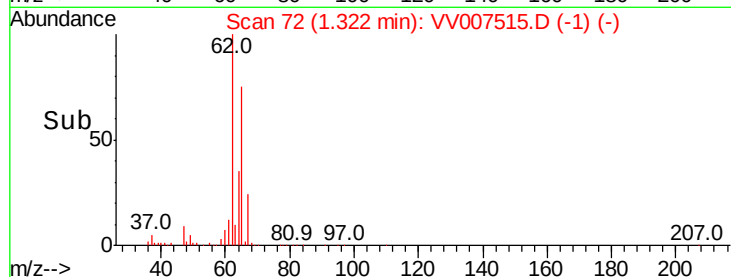
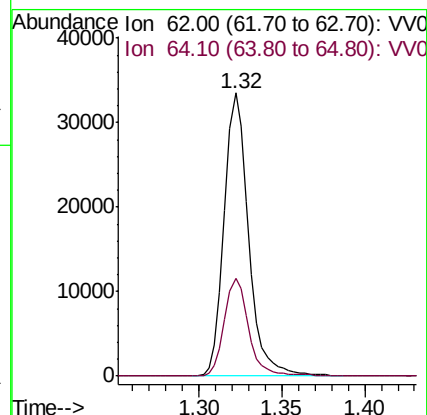
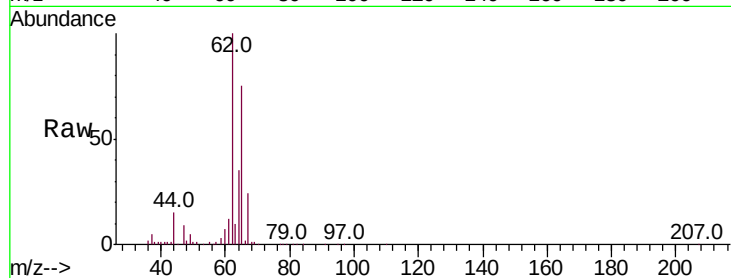
ClientSampleId :

Tot Ion: 62 Resp: 34303

Ion Ratio Lower Upper

62 100

64 34.8 24.4 45.2



#6

Bromomethane

Concen: 4.847 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV007515.D

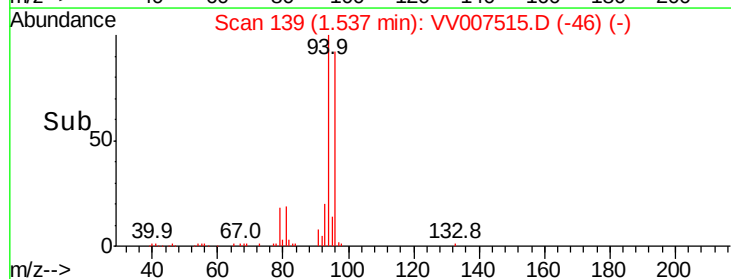
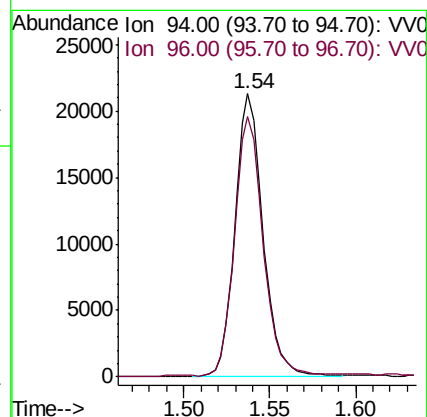
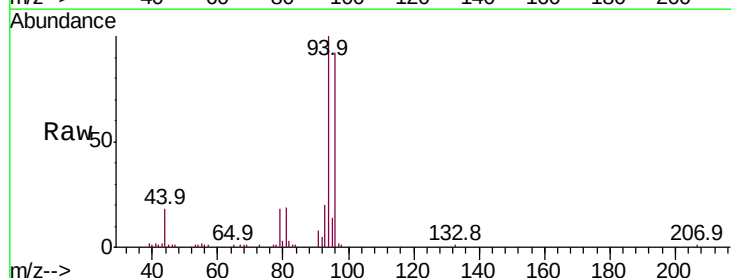
Acq: 13 Sep 2018 17:56

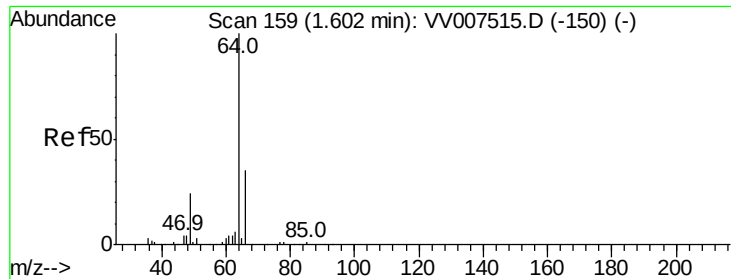
Tgt Ion: 94 Resp: 24466

Ion Ratio Lower Upper

94 100

96 92.1 64.5 119.7





#8

Chloroethane

Concen: 4.609 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

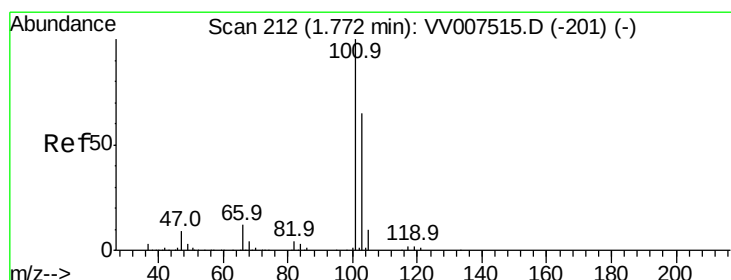
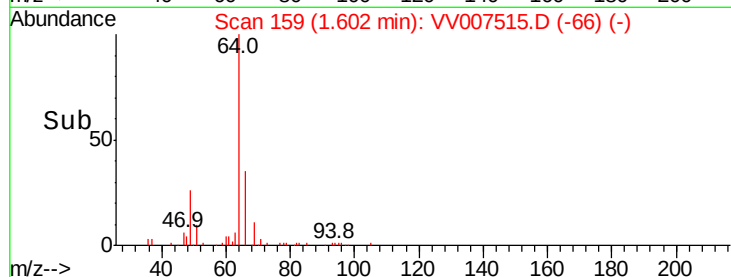
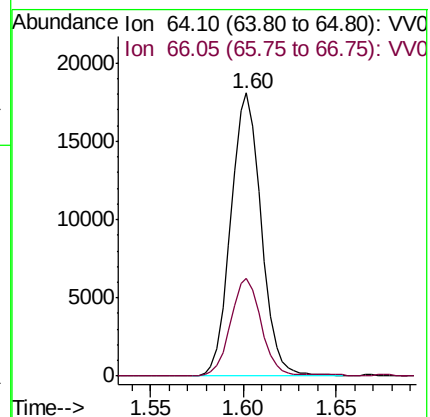
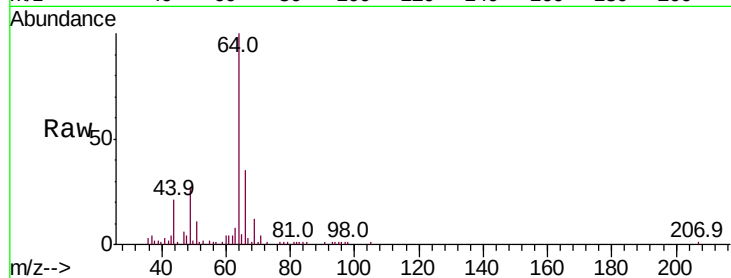
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 20614

Ion Ratio Lower Upper

64 100

66 34.7 24.3 45.1



#9

Trichlorofluoromethane

Concen: 5.129 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV007515.D

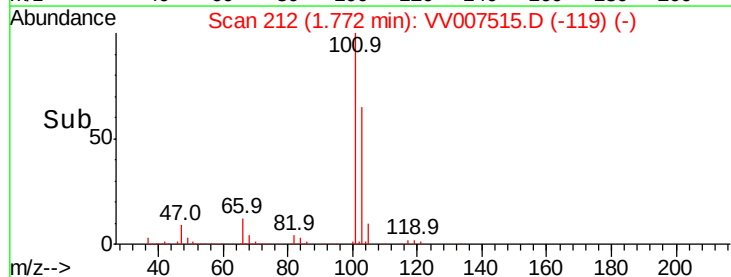
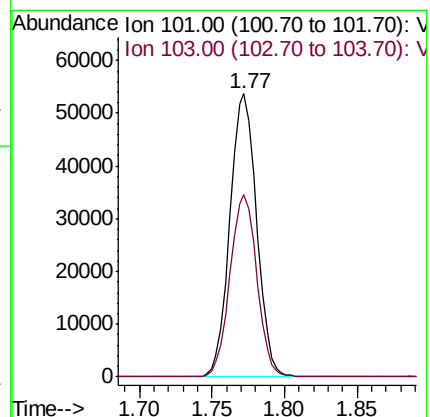
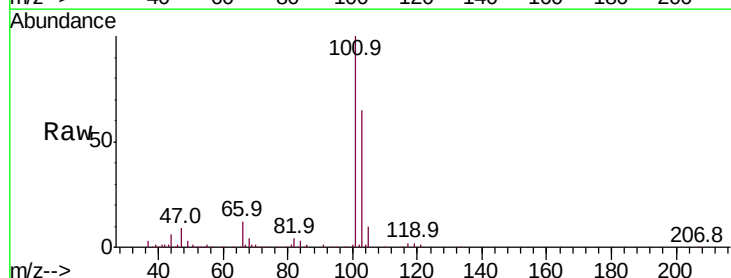
Acq: 13 Sep 2018 17:56

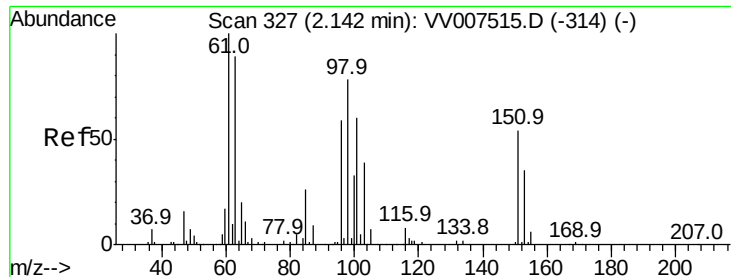
Tgt Ion: 101 Resp: 68544

Ion Ratio Lower Upper

101 100

103 64.8 51.8 77.8





#10

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

Concen: 4.907 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampled :

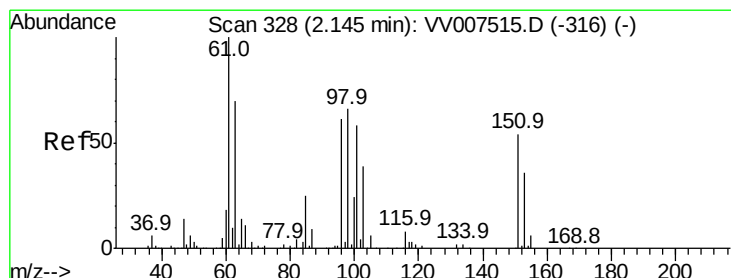
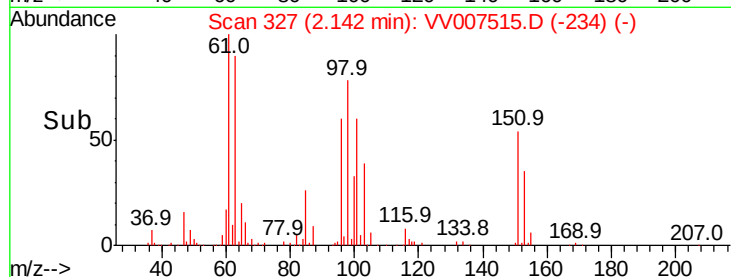
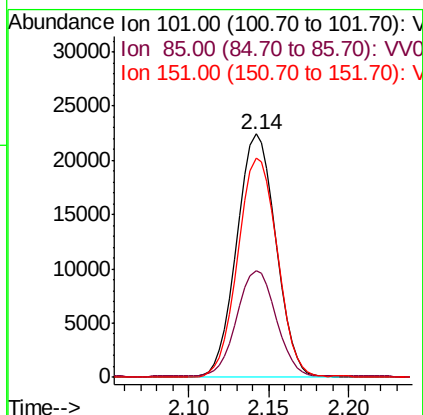
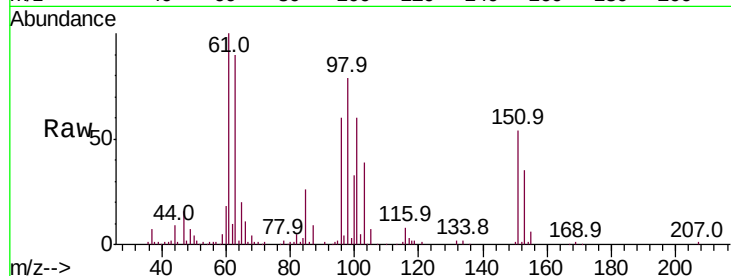
Tot Ion:101 Resp: 37387

Ion Ratio Lower Upper

101 100

85 43.5 34.8 52.2

151 90.8 72.6 109.0



#12

1,1-Dichloroethene

Concen: 4.842 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

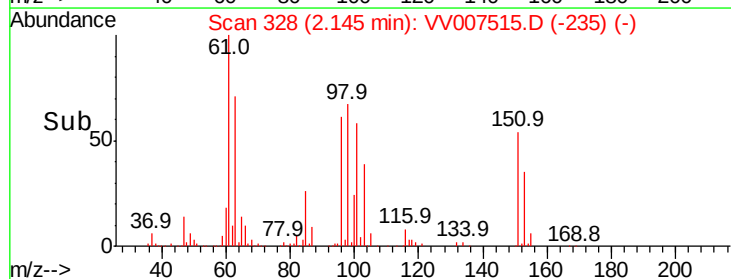
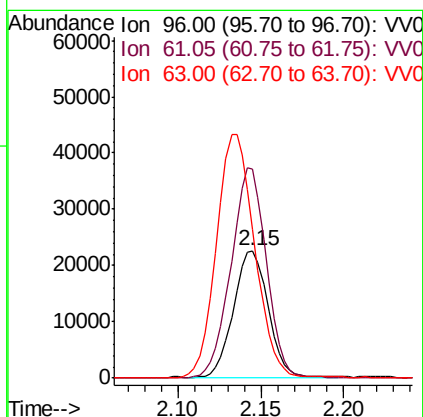
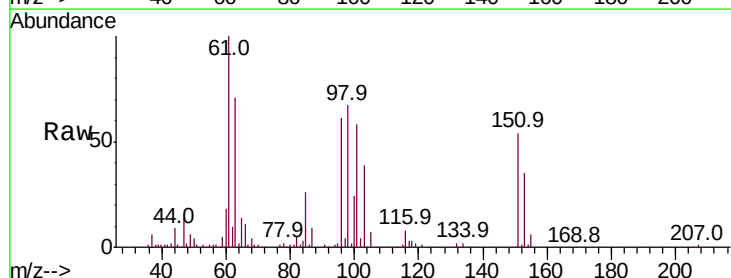
Tgt Ion: 96 Resp: 32489

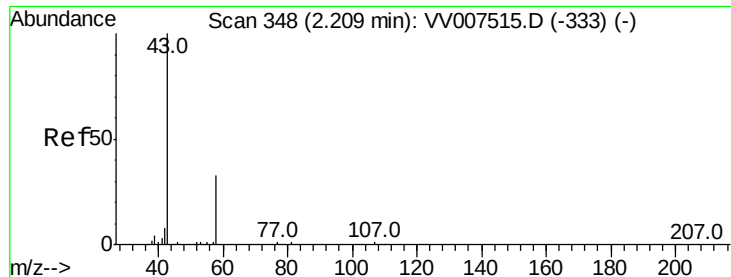
Ion Ratio Lower Upper

96 100

61 164.0 114.8 213.2

63 116.8 81.8 151.8





#13

Acetone

Concen: 36.761 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

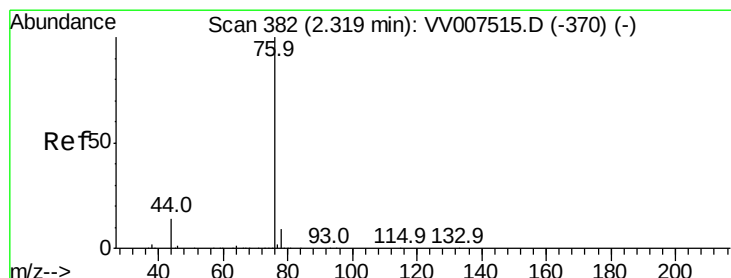
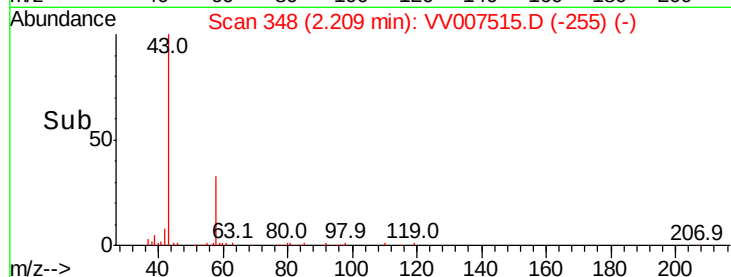
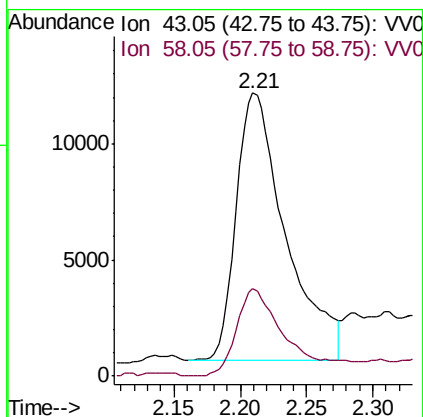
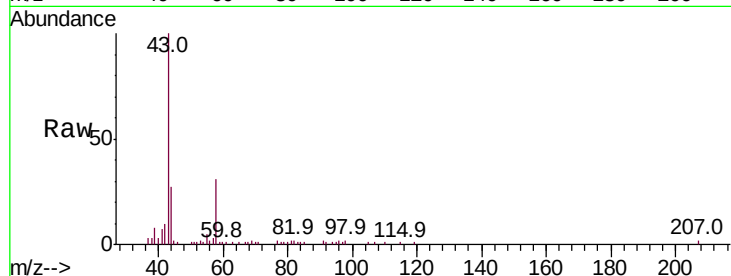
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 30083

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.4



#14

Carbon disulfide

Concen: 4.803 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV007515.D

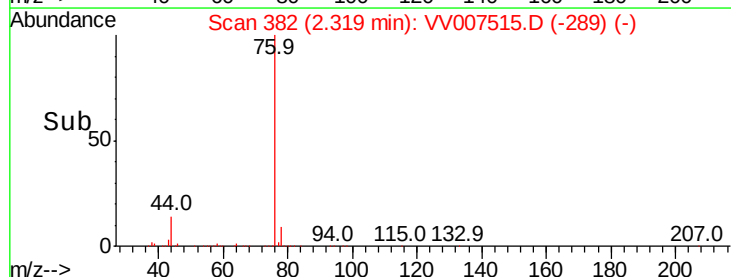
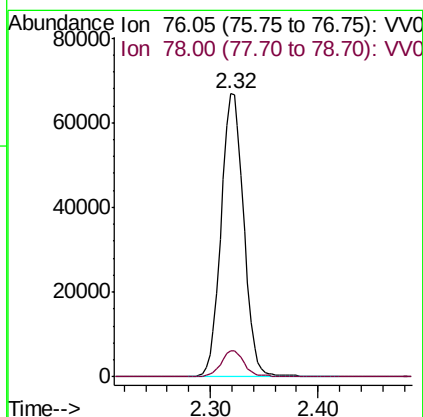
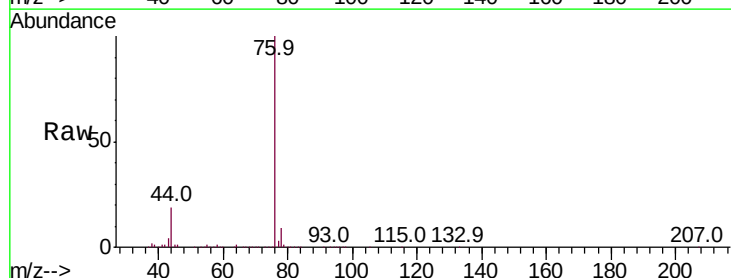
Acq: 13 Sep 2018 17:56

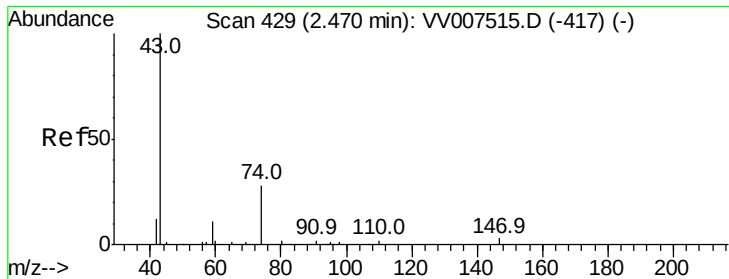
Tgt Ion: 76 Resp: 97770

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

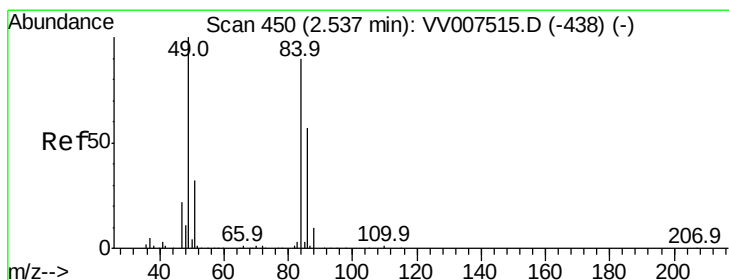
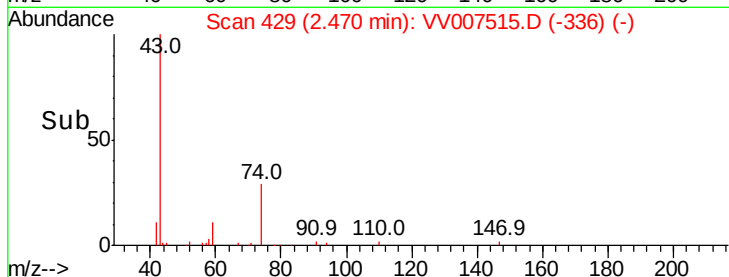
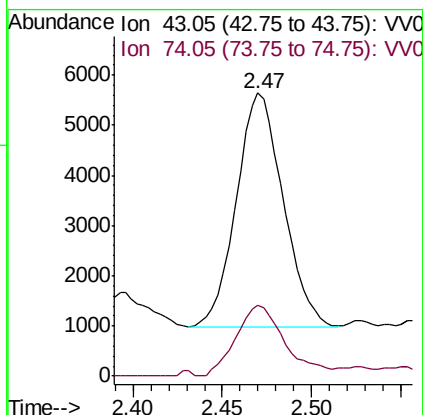
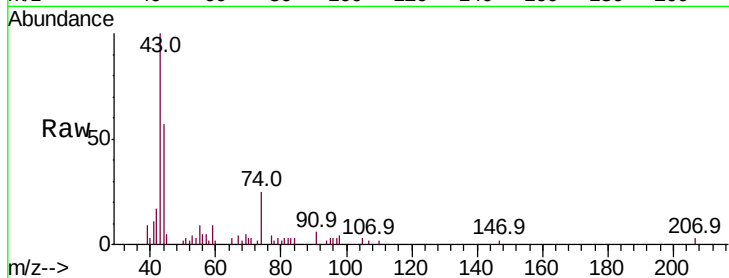




#15
Methyl Acetate
Concen: 3.749 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

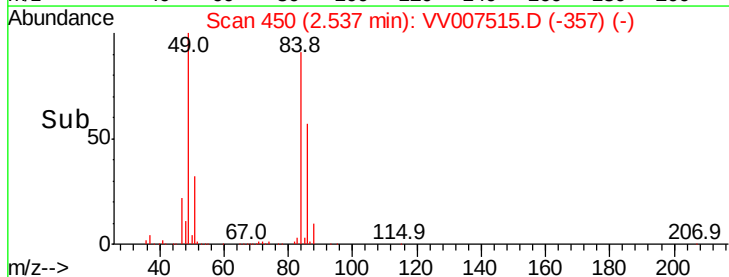
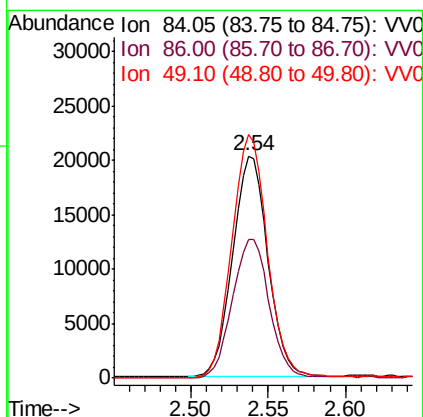
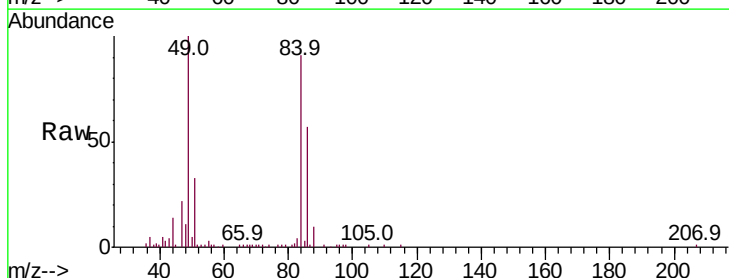
Instrument :
MSVOA_V
ClientSampleId :

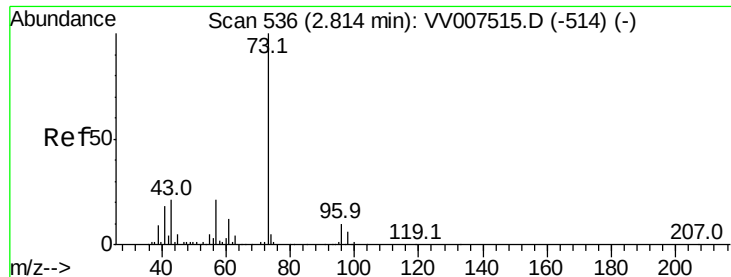
Tot Ion: 43 Resp: 8524
Ion Ratio Lower Upper
43 100
74 31.8 25.4 38.2



#16
Methylene chloride
Concen: 4.468 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion: 84 Resp: 31903
Ion Ratio Lower Upper
84 100
86 62.4 43.7 81.1
49 109.7 76.8 142.6

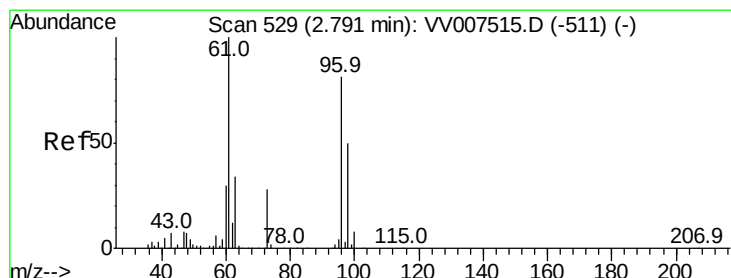
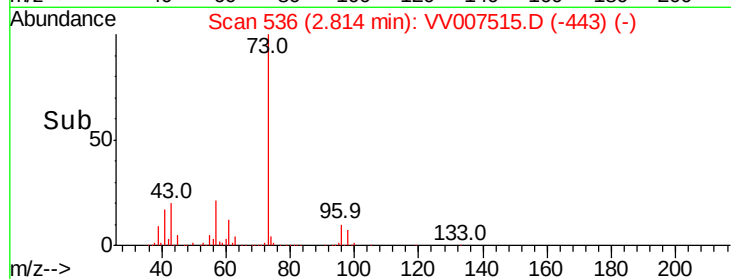
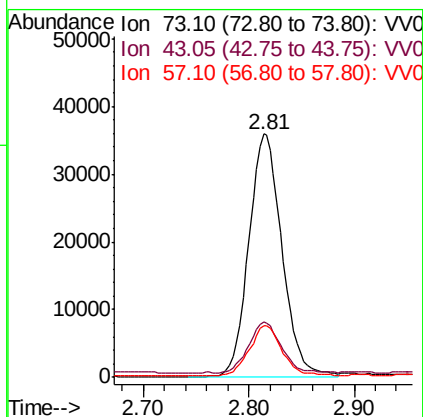
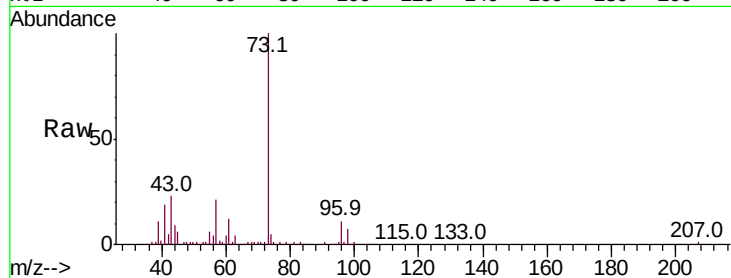




#17
Methyl tert-butyl Ether
Concen: 4.717 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

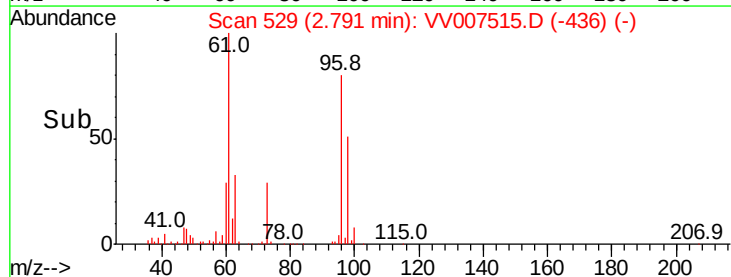
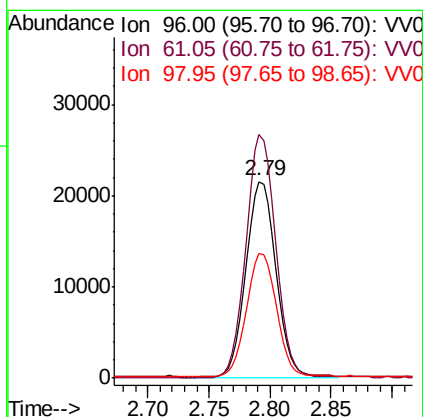
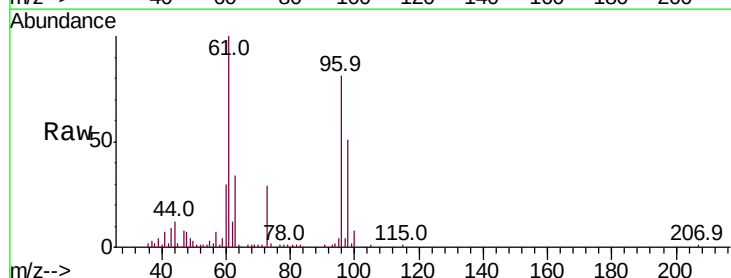
Instrument :
MSVOA_V
ClientSampleId :

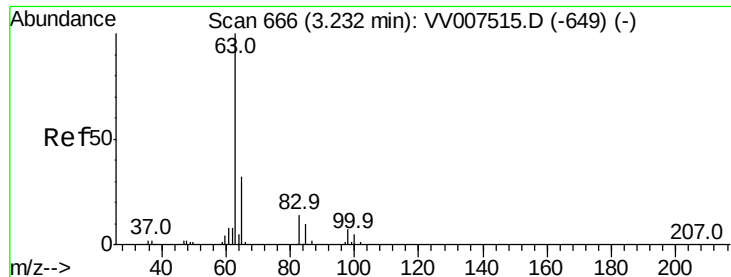
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.8	23.6
57	19.7	15.8	23.6



#18
trans-1,2-Dichloroethene
Concen: 5.128 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.0	86.8	161.2
98	63.4	44.4	82.4

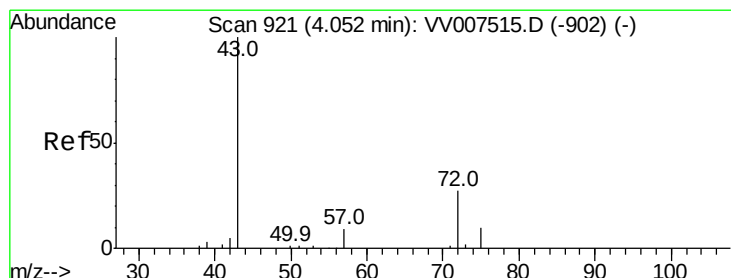
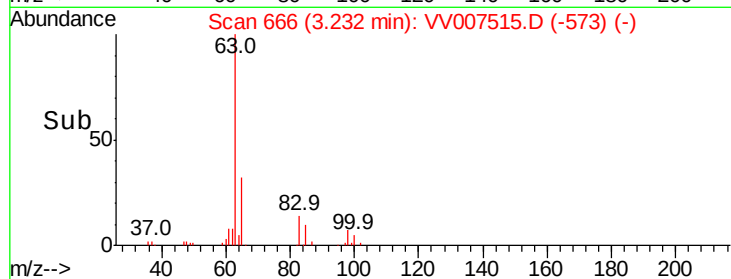
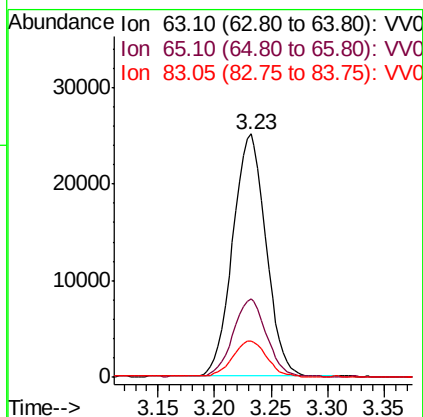
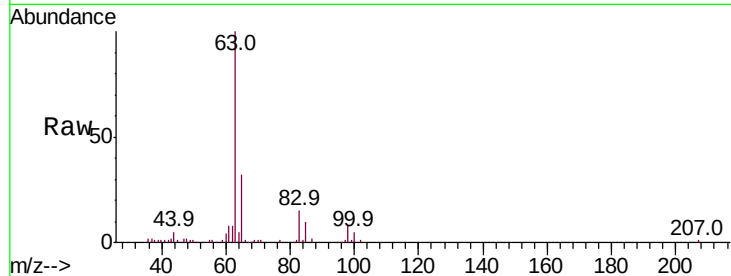




#19
 1,1-Dichloroethane
 Concen: 4.450 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

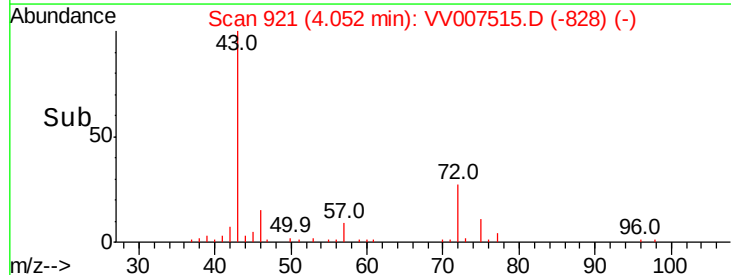
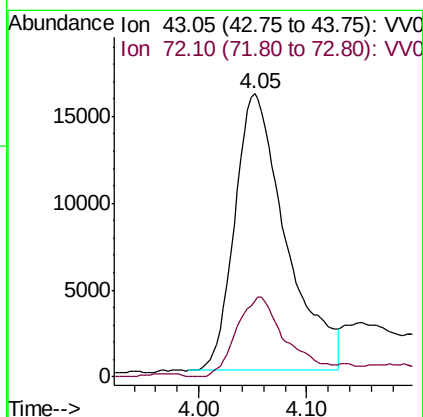
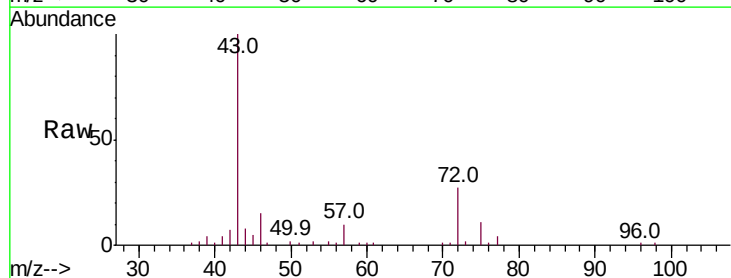
Instrument :
 MSVOA_V
 ClientSampleId :

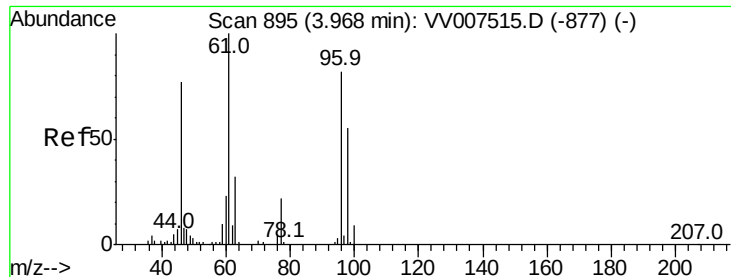
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	14.8	10.4	19.2



#21
 2-Butanone
 Concen: 39.415 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.4	14.2	42.6



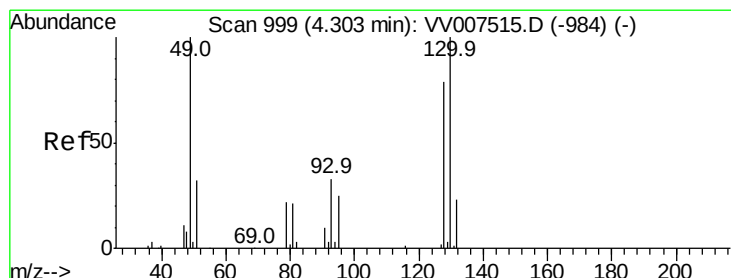
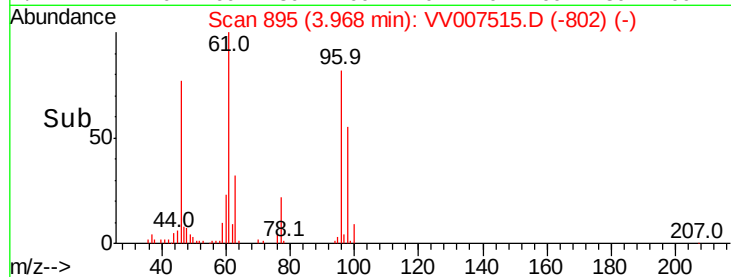
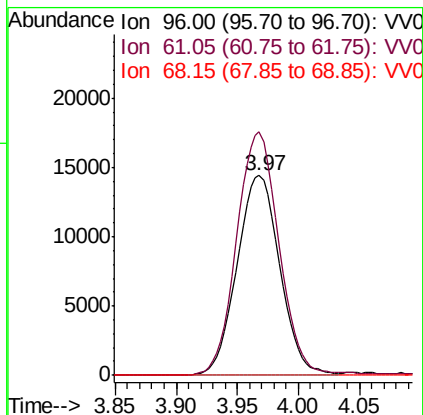
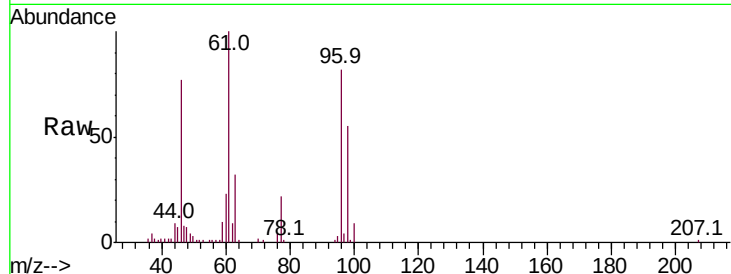


#22

cis-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :

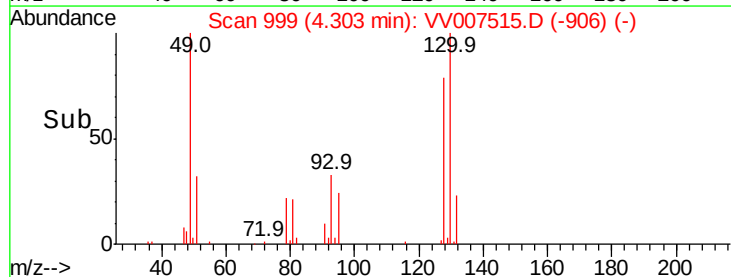
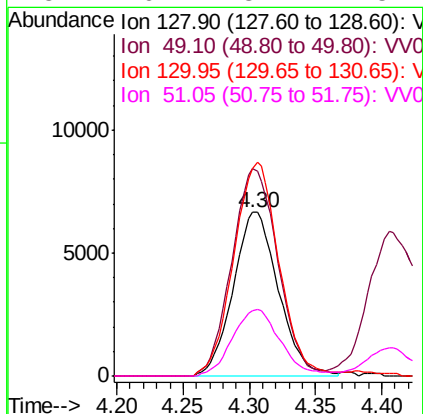
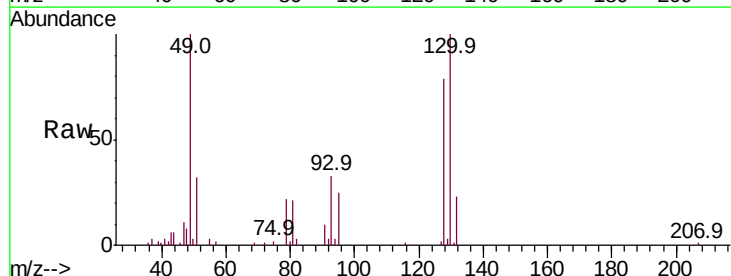
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.9	85.3	158.5
68	0.0	0.0	0.0

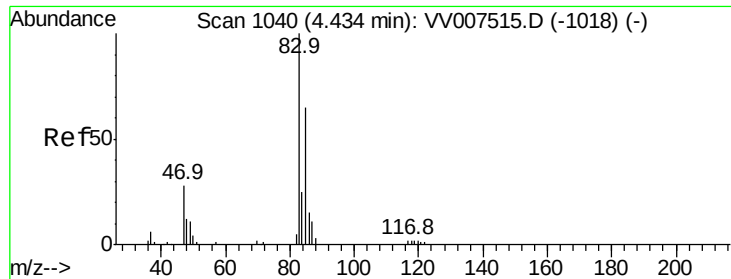


#23

Bromochloromethane
Concen: 4.728 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
128	100		
49	127.1	89.0	165.2
130	126.9	88.8	165.0
51	40.2	32.2	48.2





#25

Chloroform

Concen: 4.885 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

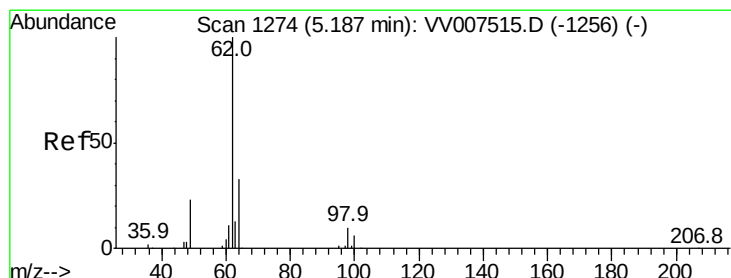
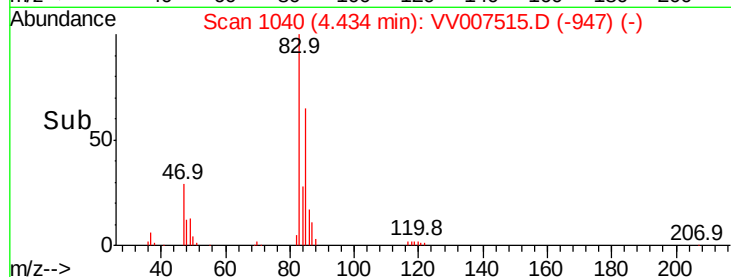
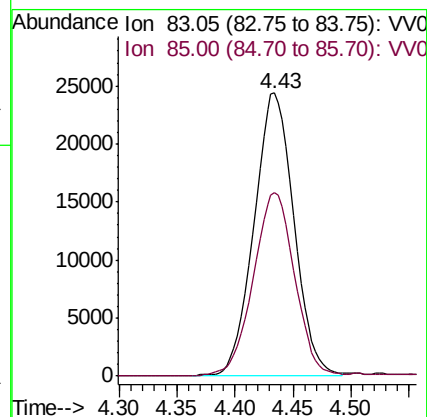
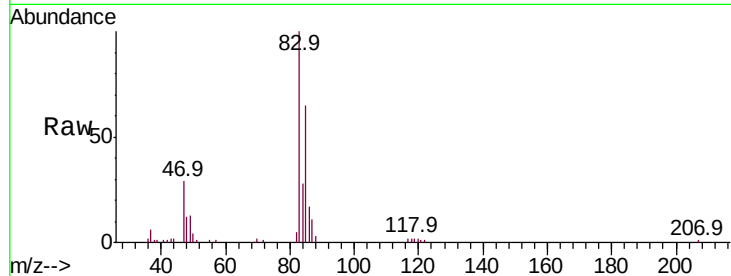
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 58516

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.736 ug/L

RT: 5.19 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VV007515.D

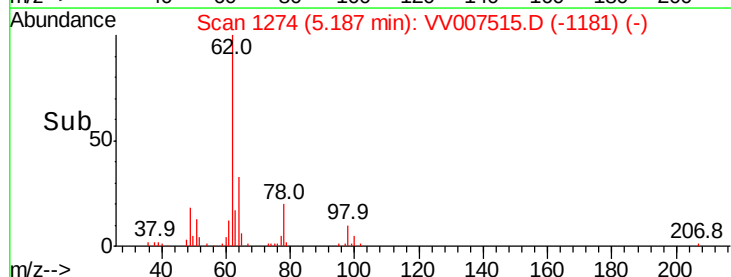
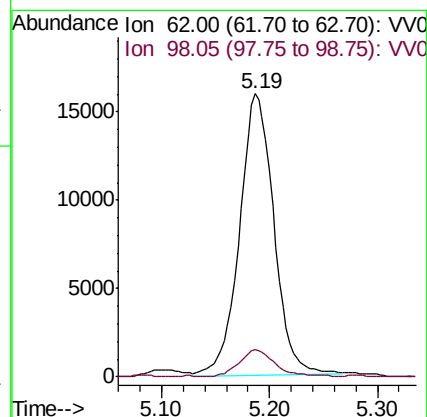
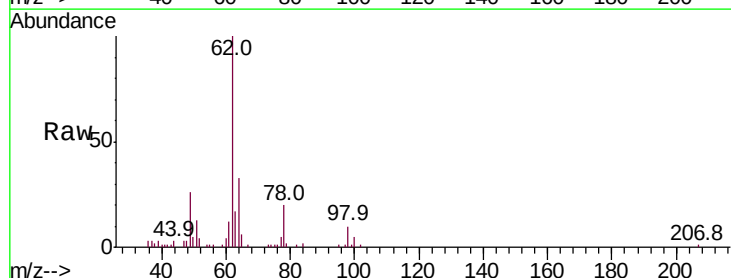
Acq: 13 Sep 2018 17:56

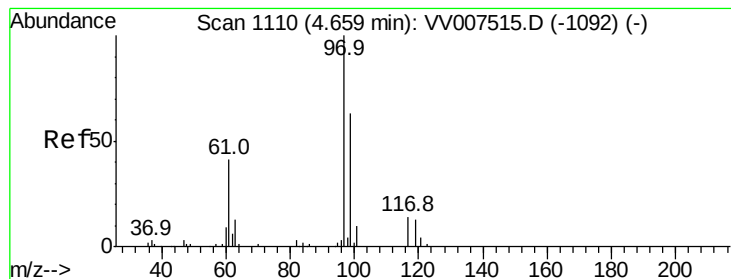
Tgt Ion: 62 Resp: 35168

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.732 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

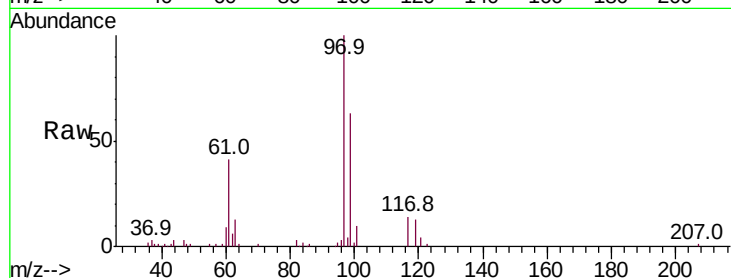
Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 97 Resp: 57570

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.7	76.1
61	40.6	32.5	48.7

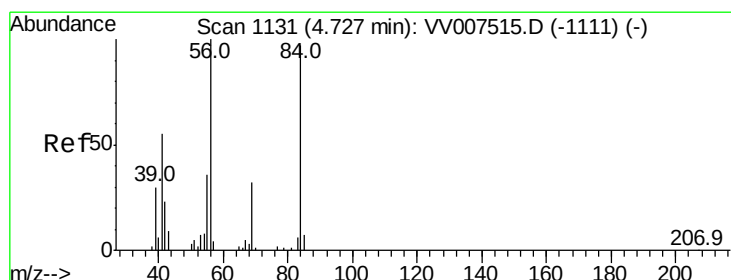
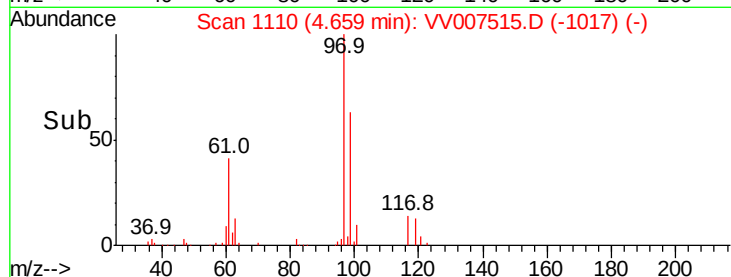
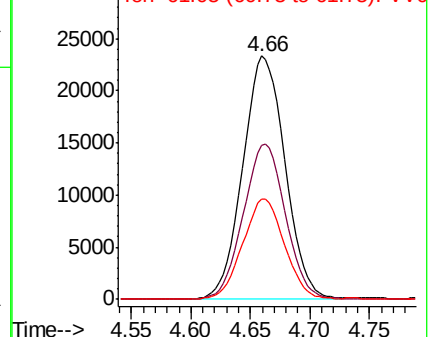


Abundance

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: 4.677 ug/L

RT: 4.73 min Scan# 1131

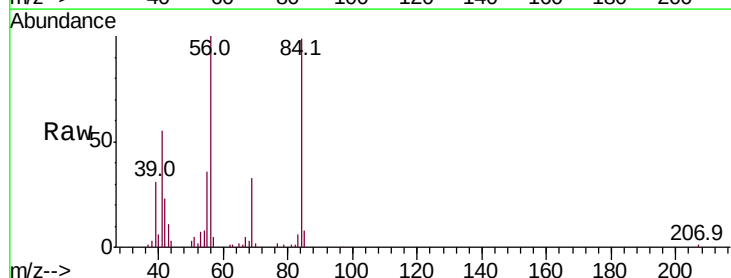
Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Tgt Ion: 56 Resp: 50272

Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	97.5	78.0	117.0

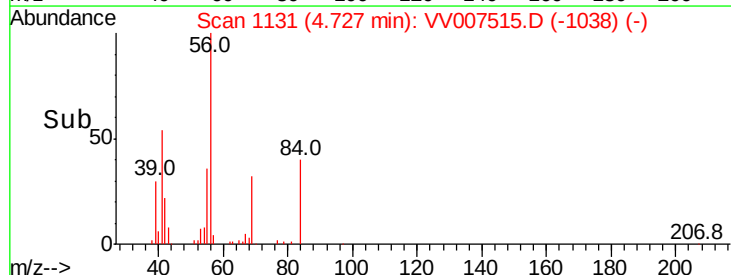
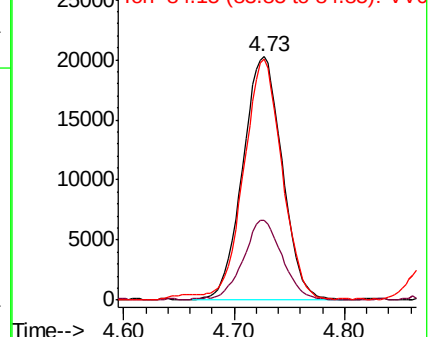


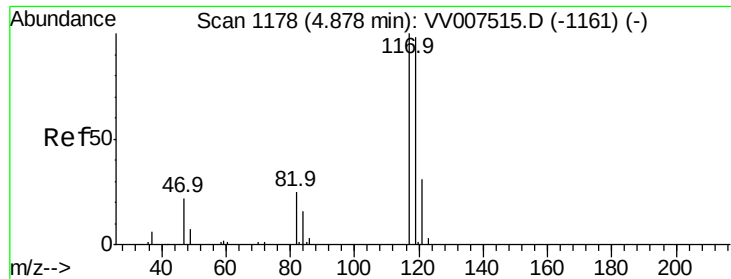
Abundance

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: 4.812 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

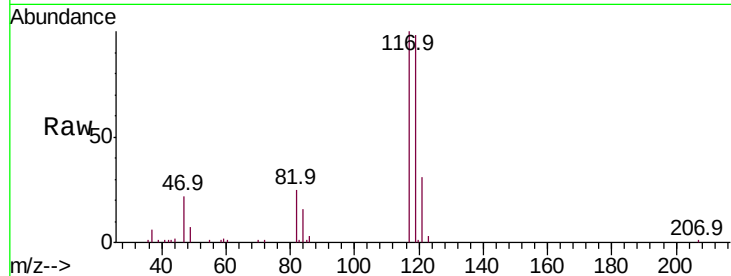
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:117 Resp: 53920

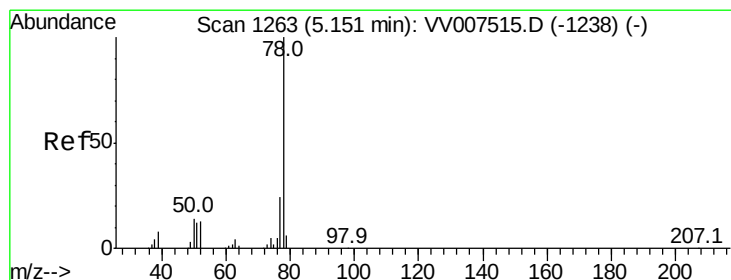
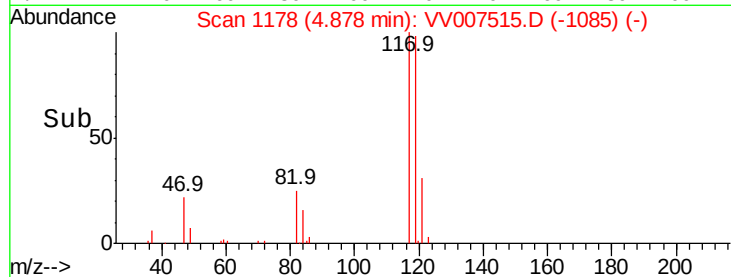
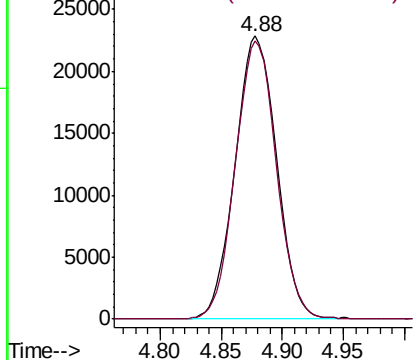
Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.790 ug/L

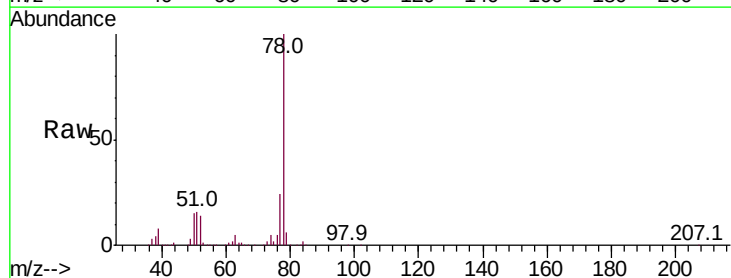
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

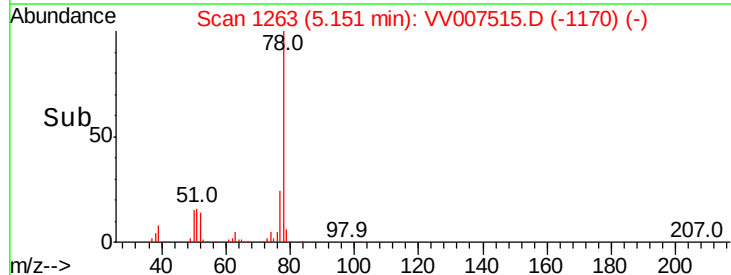
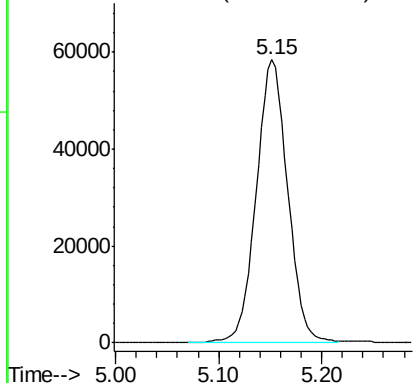
Lab File: VV007515.D

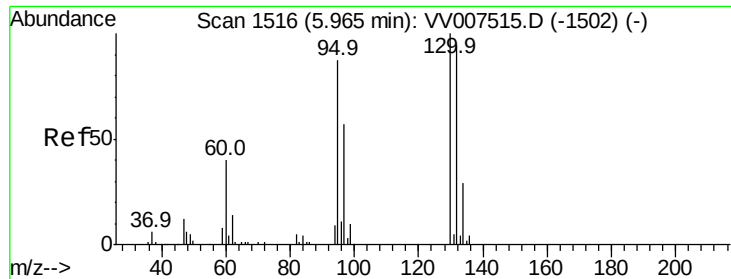
Acq: 13 Sep 2018 17:56

Tgt Ion: 78 Resp: 123564



Abundance Ion 78.10 (77.80 to 78.80): VV0

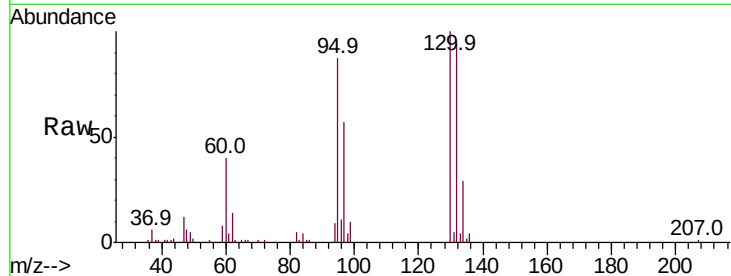




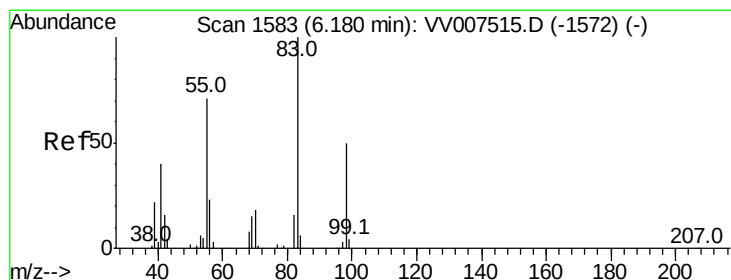
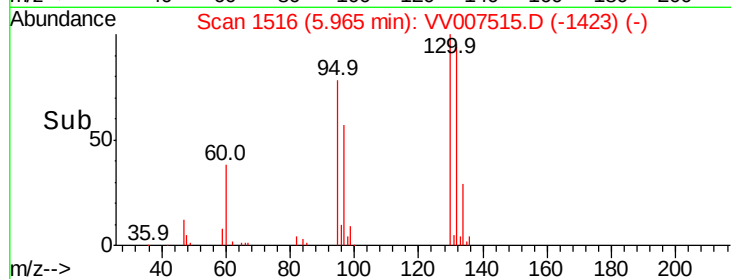
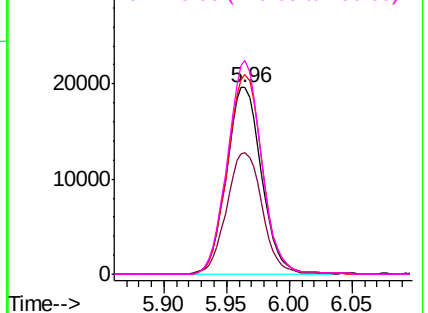
#34
 Trichloroethene
 Concen: 4.875 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 38186
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.5 84.5
 132 107.0 74.9 139.1
 130 114.3 80.0 148.6

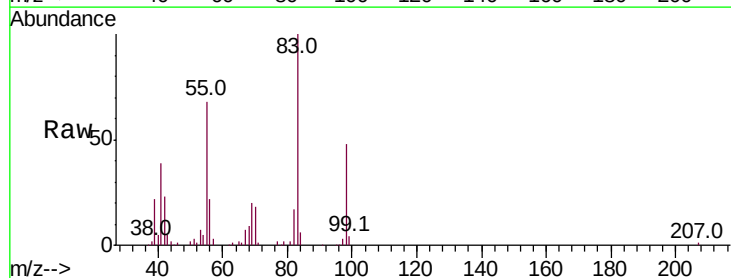


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

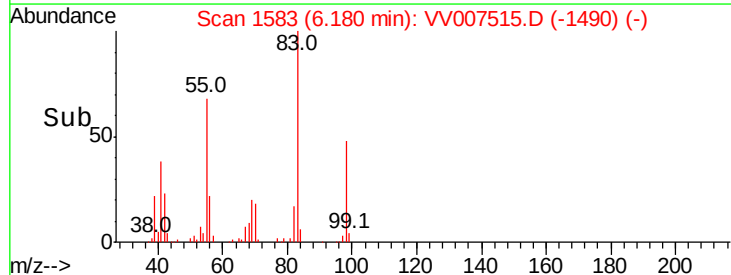
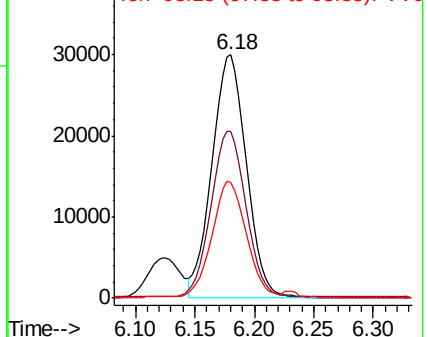


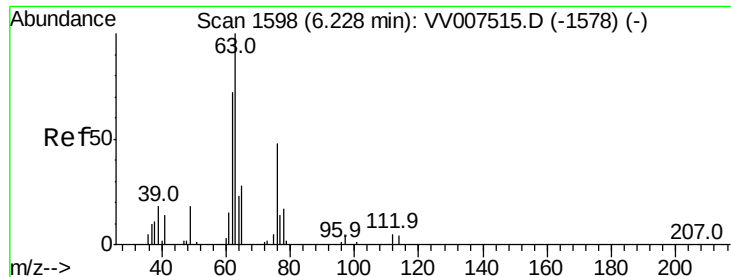
#35
 Methylcyclohexane
 Concen: 4.991 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Tgt Ion: 83 Resp: 60414
 Ion Ratio Lower Upper
 83 100
 55 68.7 55.0 82.4
 98 47.0 37.6 56.4



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

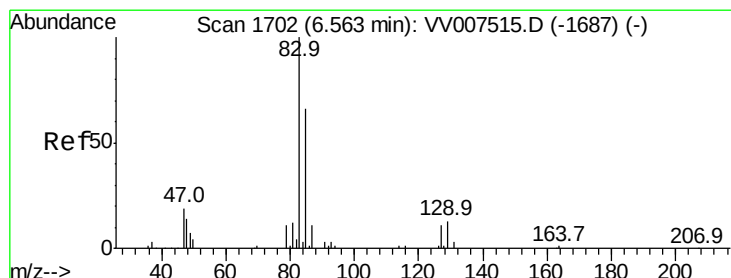
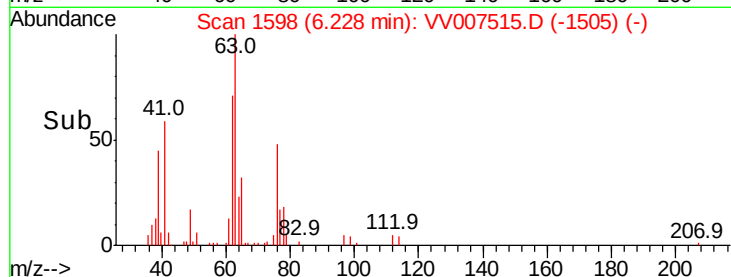
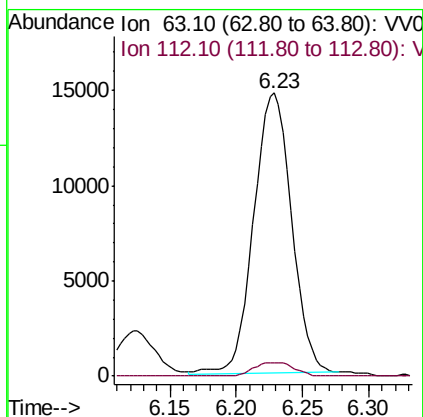
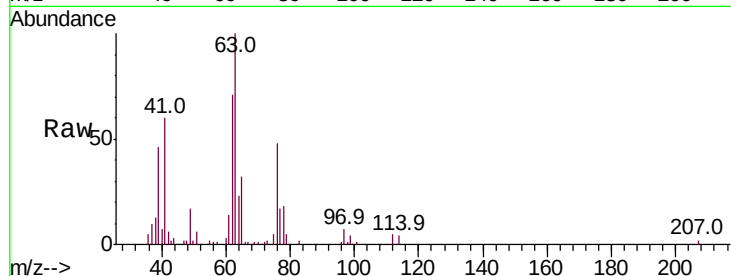




#37
 1,2-Dichloropropane
 Concen: 4.557 ug/L
 RT: 6.23 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

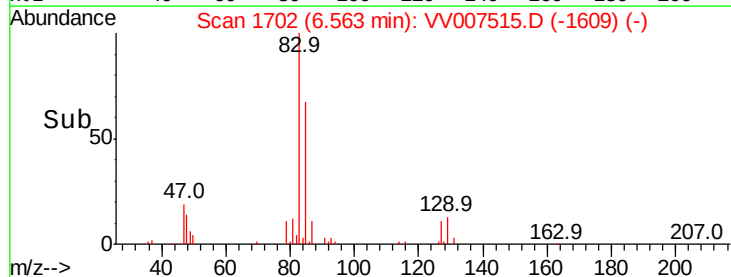
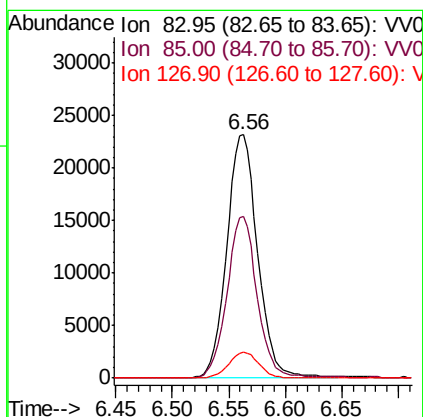
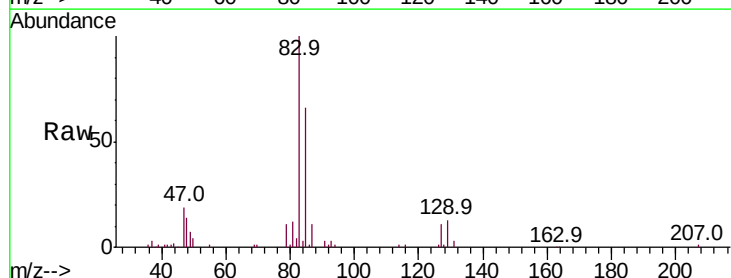
Instrument :
 MSVOA_V
 ClientSampleId :

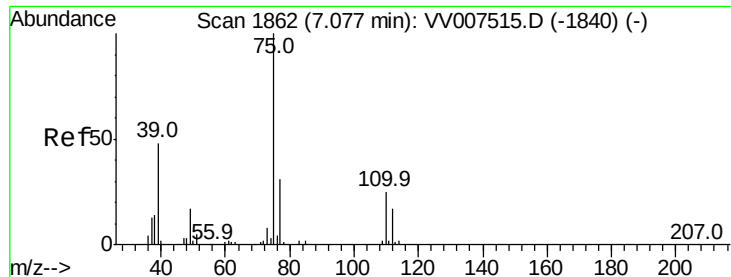
Tot Ion: 63 Resp: 29368
 Ion Ratio Lower Upper
 63 100
 112 5.1 4.1 6.1



#38
 Bromodichloromethane
 Concen: 4.767 ug/L
 RT: 6.56 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Tgt Ion: 83 Resp: 43986
 Ion Ratio Lower Upper
 83 100
 85 66.3 46.4 86.2
 127 10.5 8.4 12.6



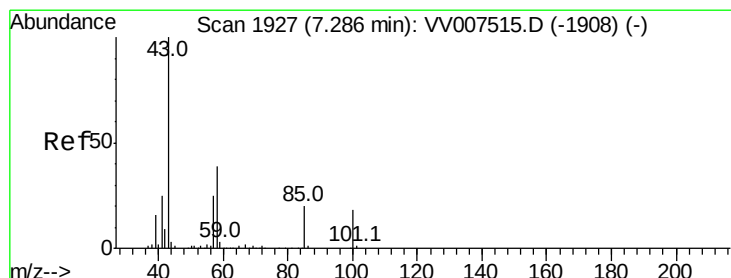
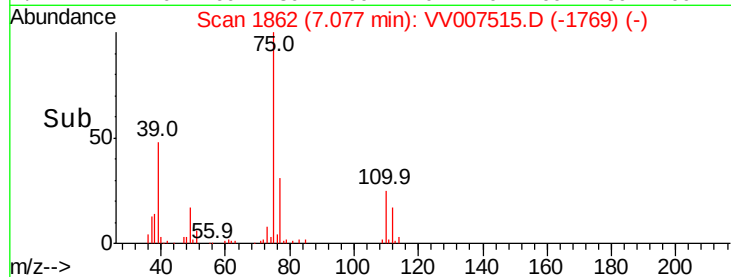
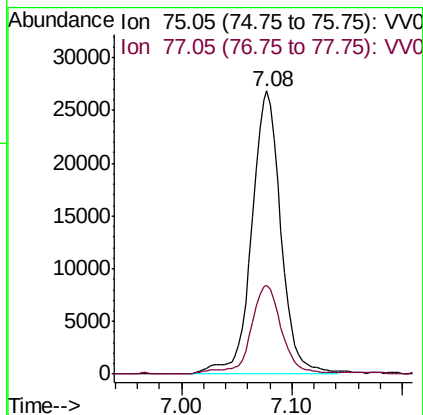
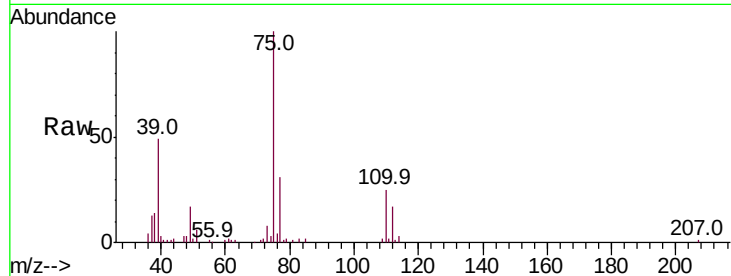


#39

cis-1,3-Dichloropropene
 Concen: 4.715 ug/L
 RT: 7.08 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

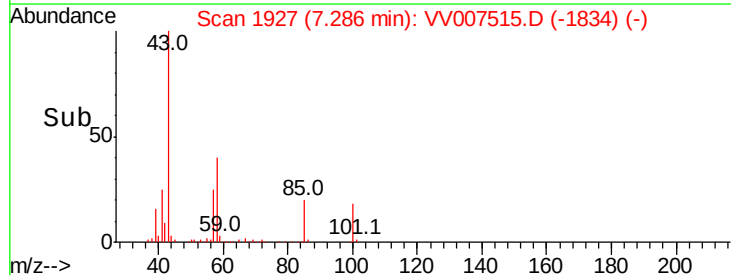
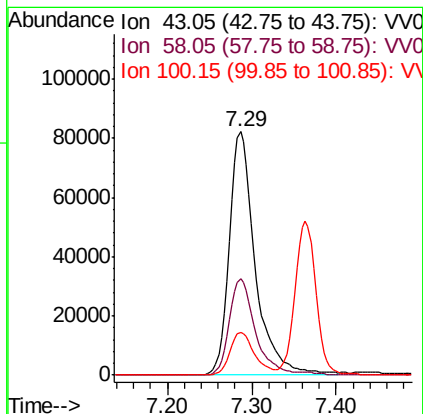
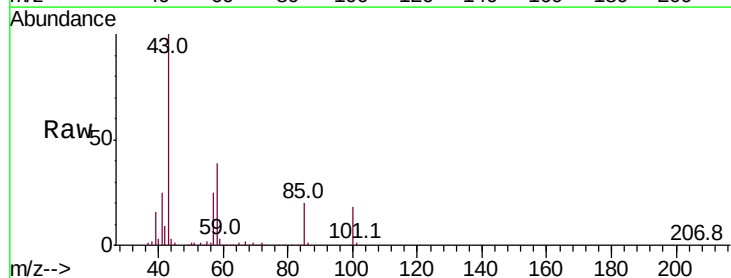
Tot Ion: 75 Resp: 49251
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0

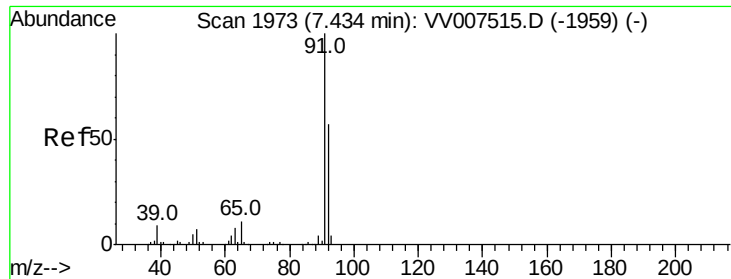


#40

4-Methyl-2-pentanone
 Concen: 46.930 ug/L
 RT: 7.29 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Tgt Ion: 43 Resp: 173554
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 49.0
 100 16.9 13.5 20.3





#42

Toluene

Concen: 4.995 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

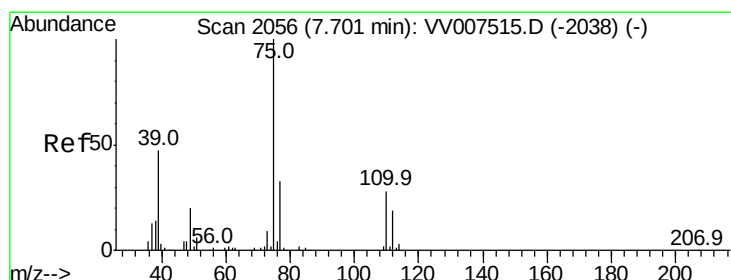
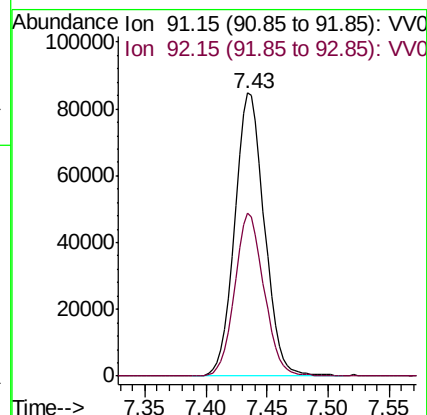
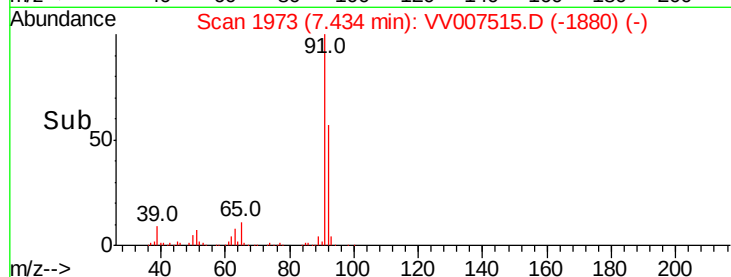
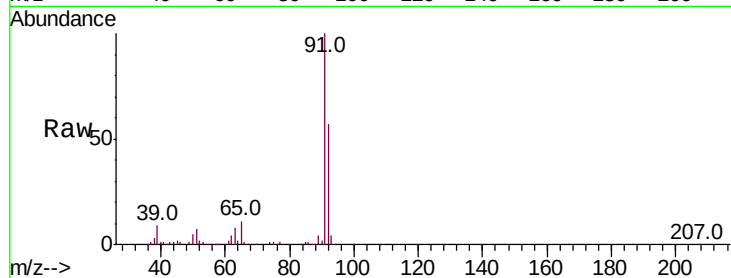
ClientSampleId :

Tot Ion: 91 Resp: 143656

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.576 ug/L

RT: 7.70 min Scan# 2056

Delta R.T. 0.00 min

Lab File: VV007515.D

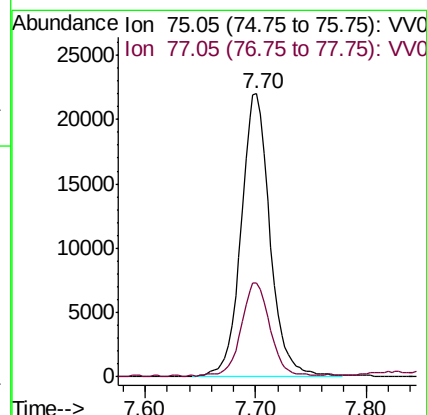
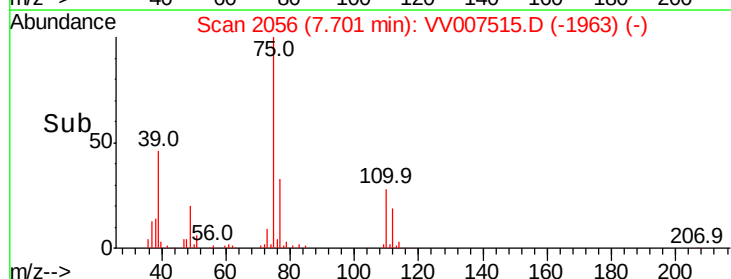
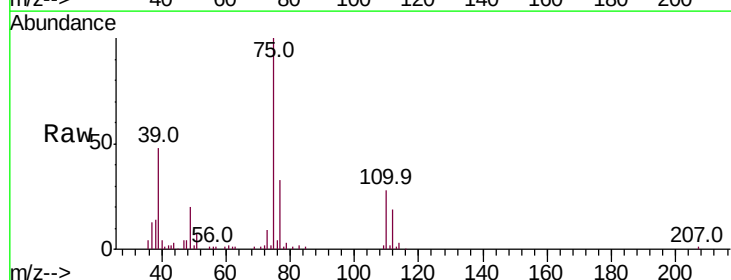
Acq: 13 Sep 2018 17:56

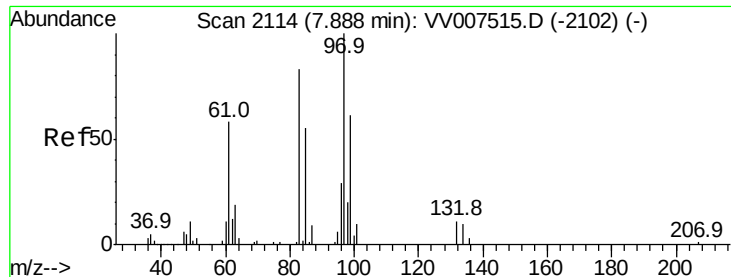
Tgt Ion: 75 Resp: 40014

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 4.600 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 22860

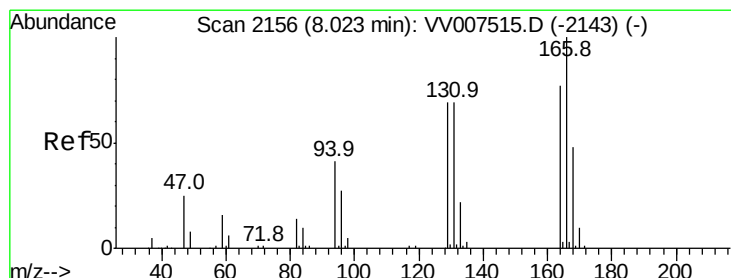
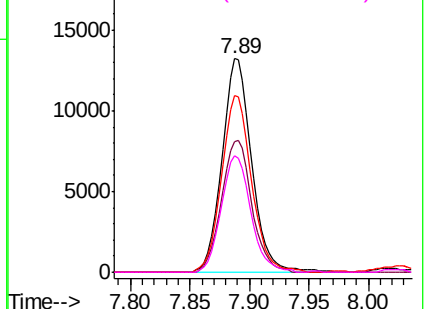
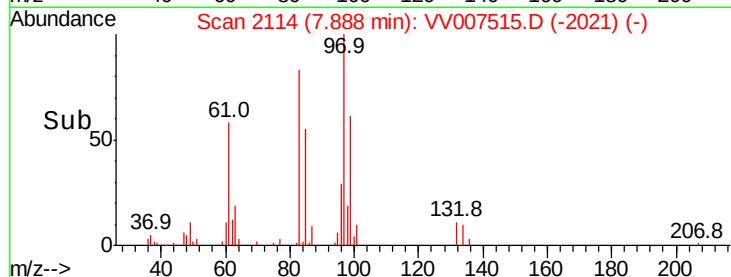
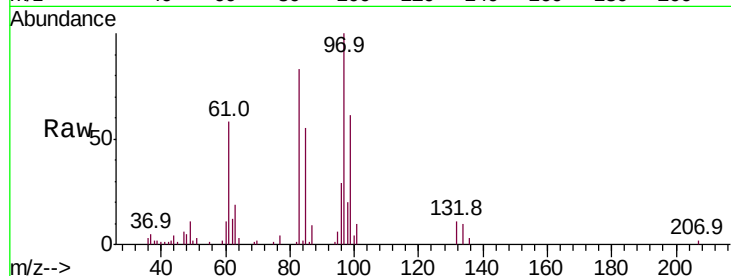
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.9	79.7
83	83.0	58.1	107.9
85	54.7	38.3	71.1

97 100

99 61.3 42.9 79.7

83 83.0 58.1 107.9

85 54.7 38.3 71.1



#47

Tetrachloroethene

Concen: 5.079 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Tgt Ion: 164 Resp: 34282

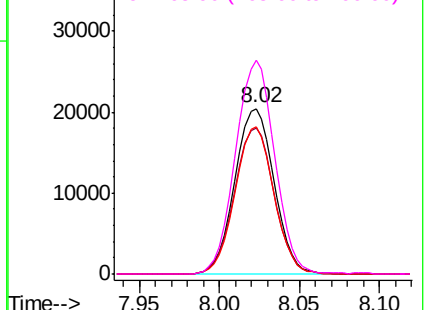
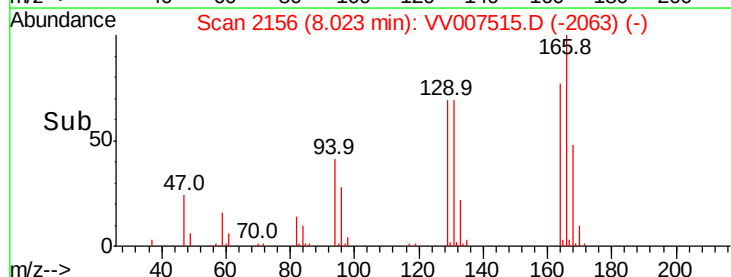
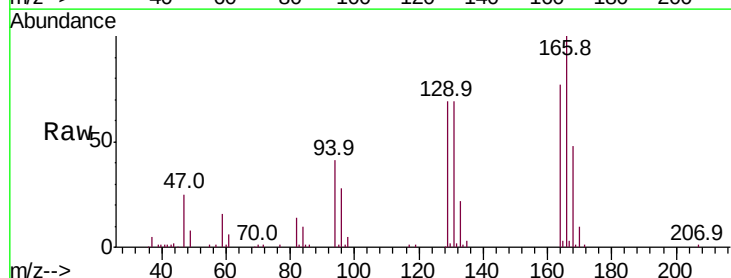
Ion	Ratio	Lower	Upper
164	100		
129	88.5	61.9	115.1
131	88.7	62.1	115.3
166	129.1	90.4	167.8

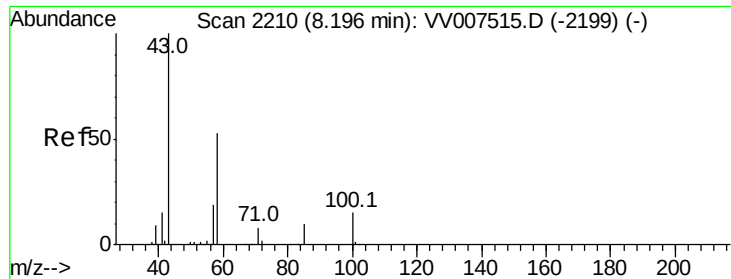
164 100

129 88.5 61.9 115.1

131 88.7 62.1 115.3

166 129.1 90.4 167.8

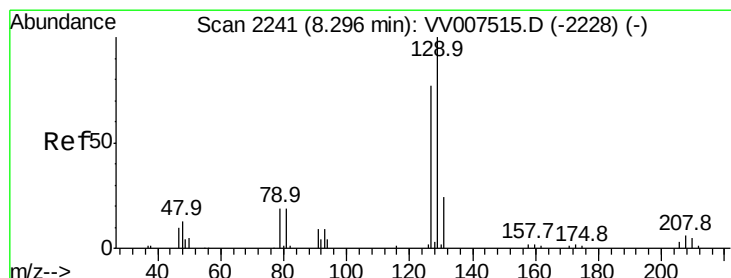
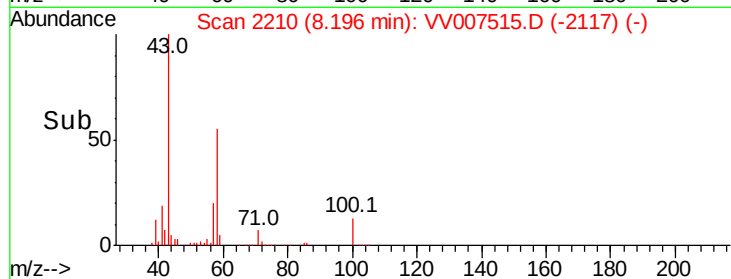
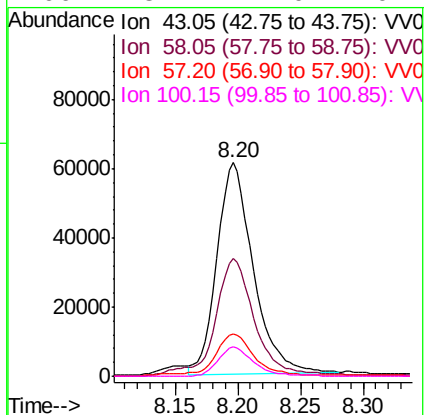
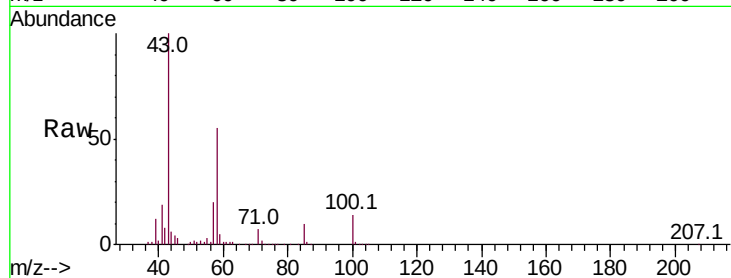




#48
2-Hexanone
Concen: 45.437 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

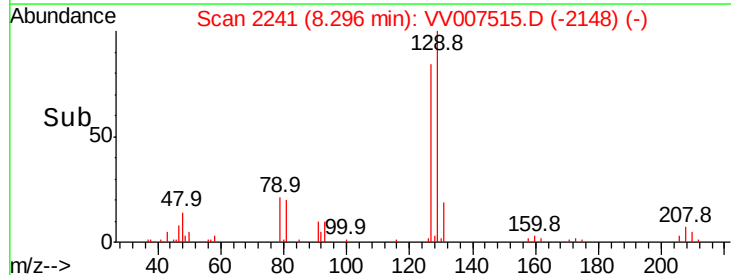
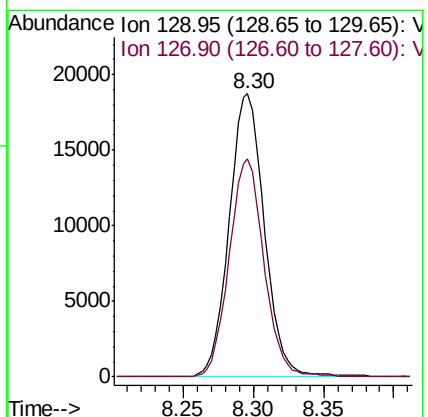
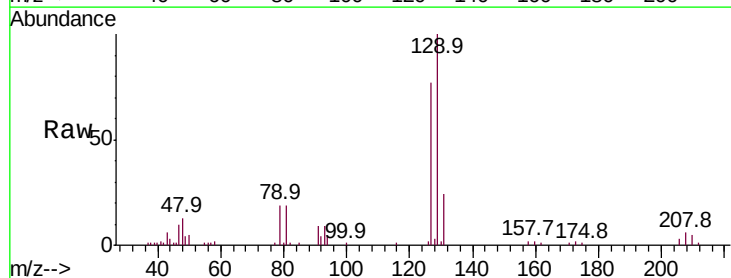
Instrument :
MSVOA_V
ClientSampleId :

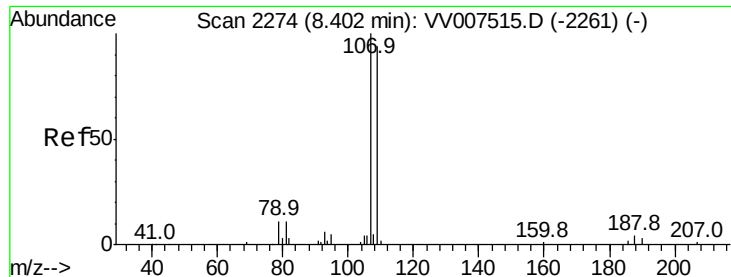
Tot Ion: 43 Resp: 121997
Ion Ratio Lower Upper
43 100
58 62.2 49.8 74.6
57 22.8 18.2 27.4
100 13.7 11.0 16.4



#49
Dibromochloromethane
Concen: 4.782 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion: 129 Resp: 32722
Ion Ratio Lower Upper
129 100
127 76.9 53.8 100.0

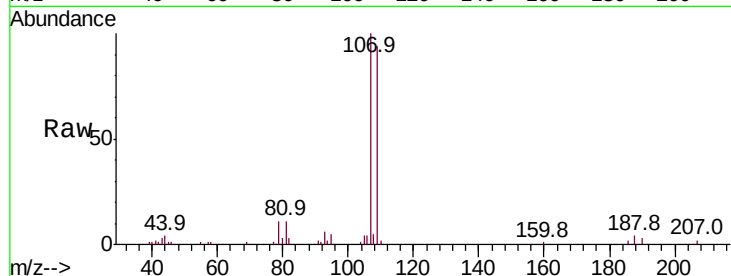




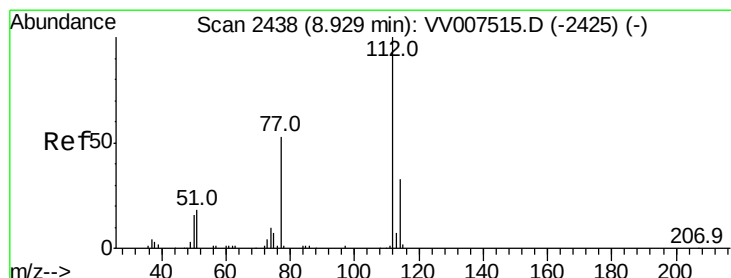
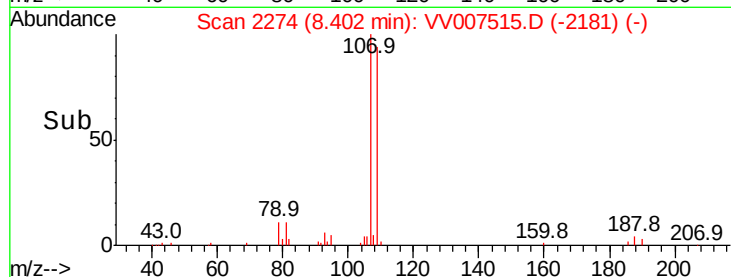
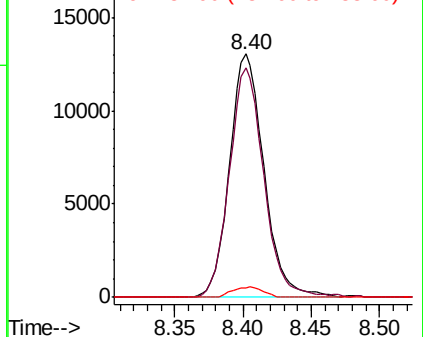
#50
1,2-Dibromoethane
Concen: 4.745 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 22941
Ion Ratio Lower Upper
107 100
109 94.3 66.0 122.6
188 4.1 3.3 4.9

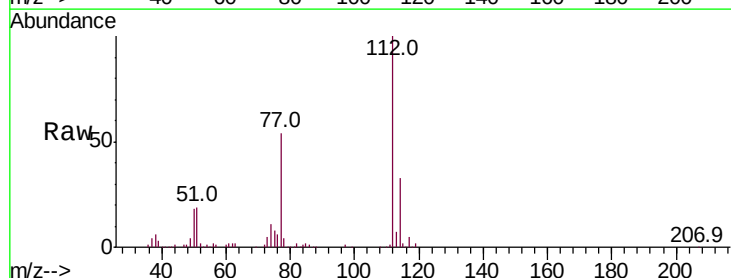


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

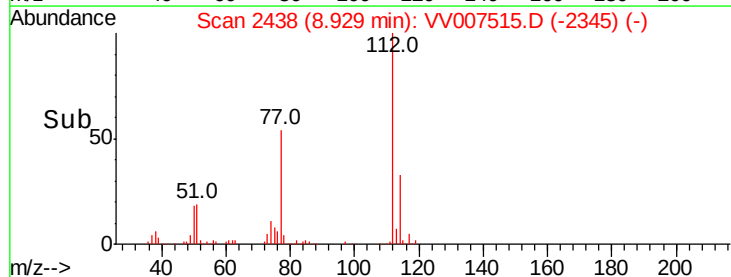
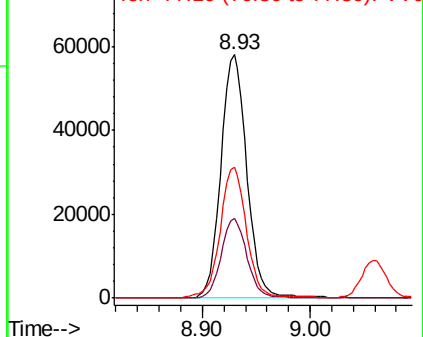


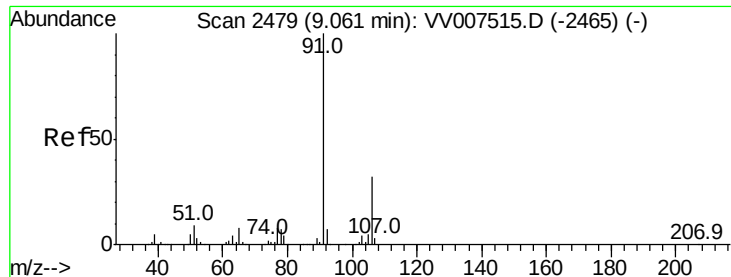
#51
Chlorobenzene
Concen: 4.934 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion:112 Resp: 96958
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 54.0 43.2 64.8



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.024 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

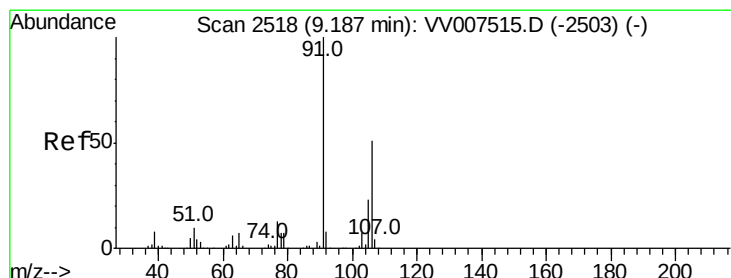
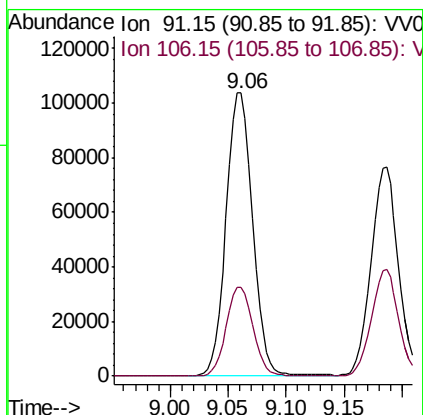
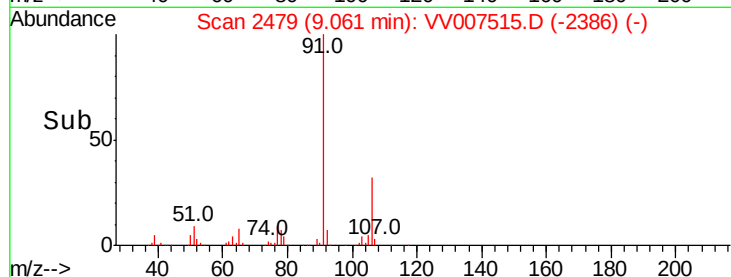
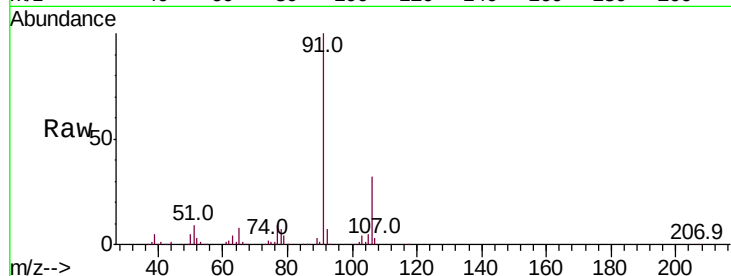
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 165232

Ion Ratio Lower Upper

91 100

106 31.5 22.0 41.0



#53

m,p-xylene

Concen: 4.991 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007515.D

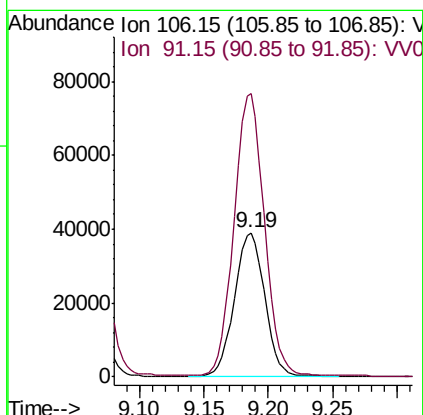
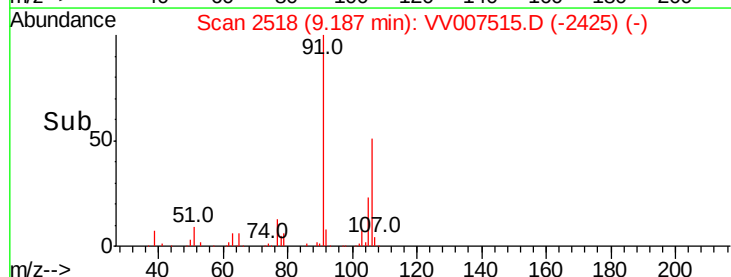
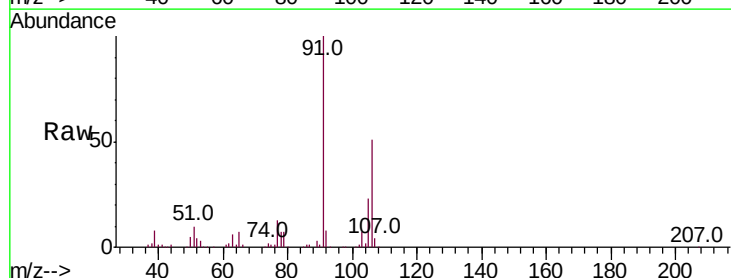
Acq: 13 Sep 2018 17:56

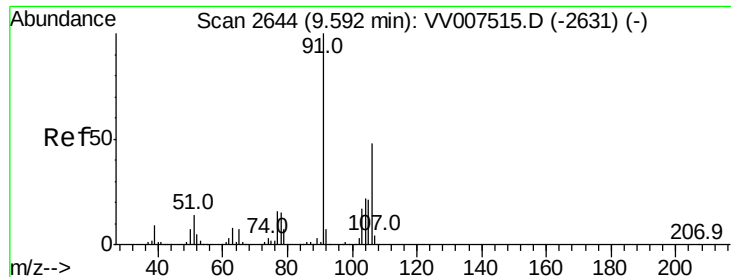
Tgt Ion: 106 Resp: 64144

Ion Ratio Lower Upper

106 100

91 196.0 137.2 254.8

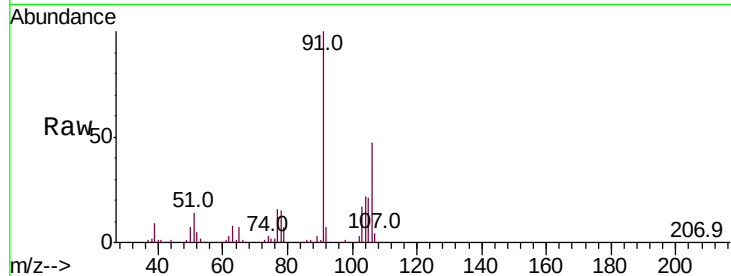




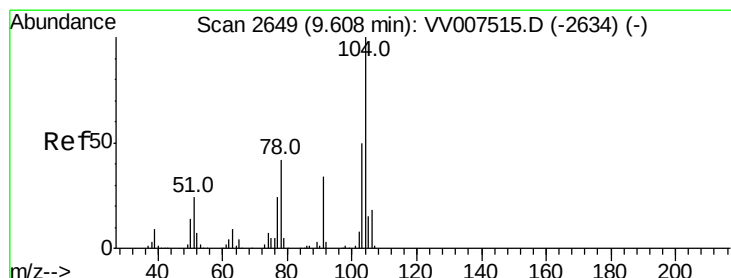
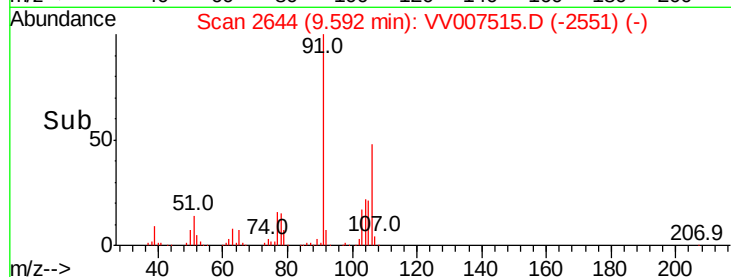
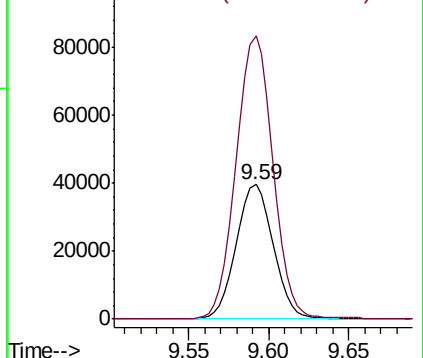
#54
o-xylene
Concen: 4.993 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 62436
Ion Ratio Lower Upper
106 100
91 210.8 147.6 274.0

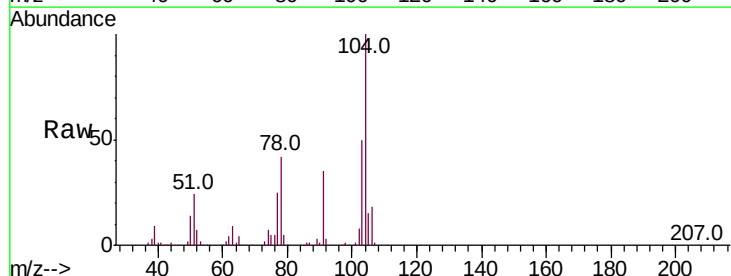


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

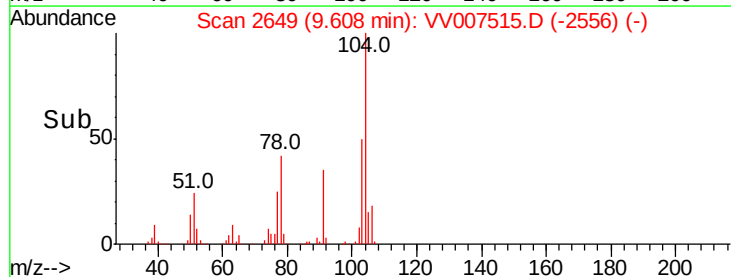
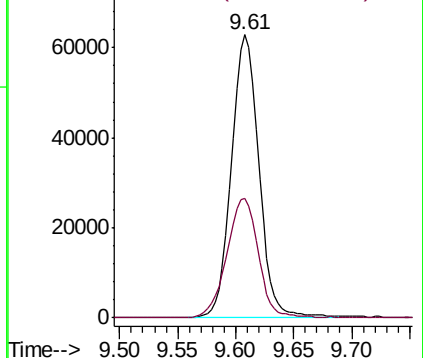


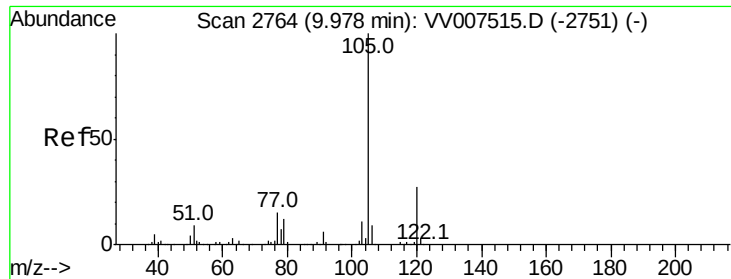
#55
Styrene
Concen: 5.023 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV007515.D
Acq: 13 Sep 2018 17:56

Tgt Ion:104 Resp: 103073
Ion Ratio Lower Upper
104 100
78 42.1 29.5 54.7



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





#56

Isopropylbenzene

Concen: 5.012 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampled :

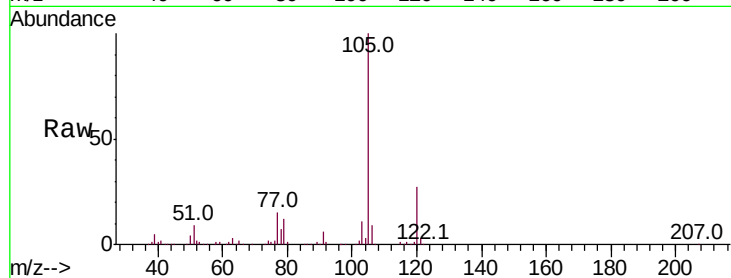
Tot Ion:105 Resp: 168803

Ion Ratio Lower Upper

105 100

120 27.7 22.2 33.2

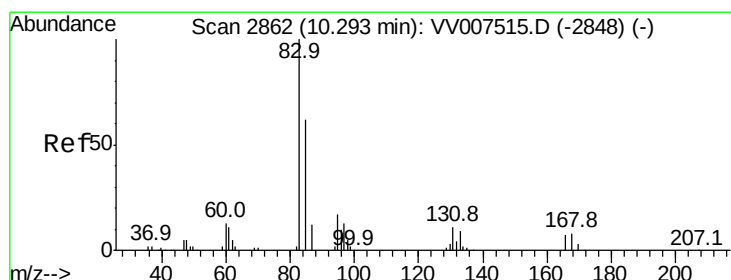
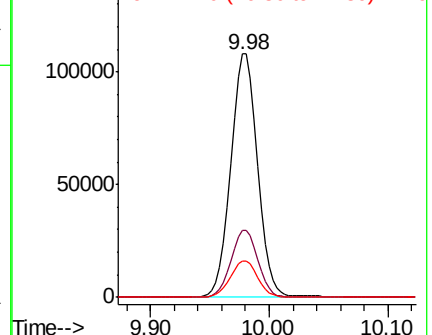
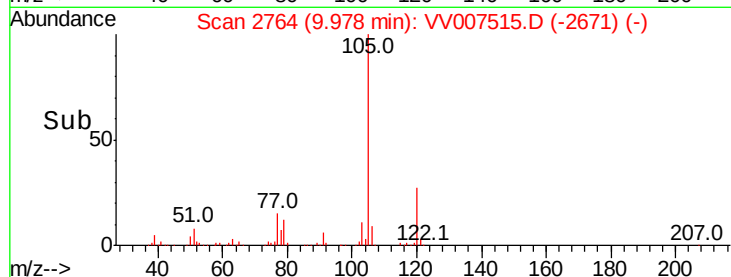
77 15.3 12.2 18.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.438 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

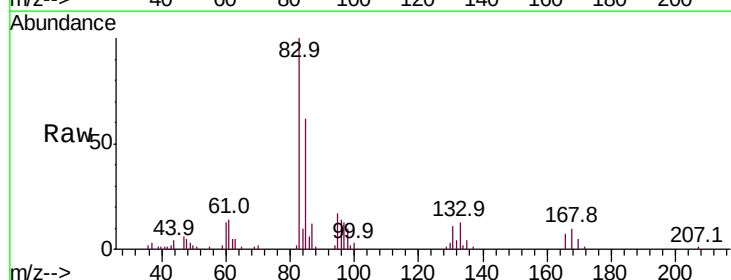
Tgt Ion: 83 Resp: 23464

Ion Ratio Lower Upper

83 100

85 62.3 43.6 81.0

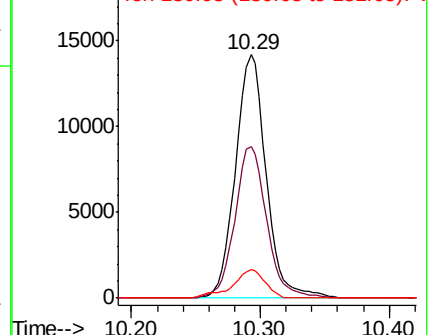
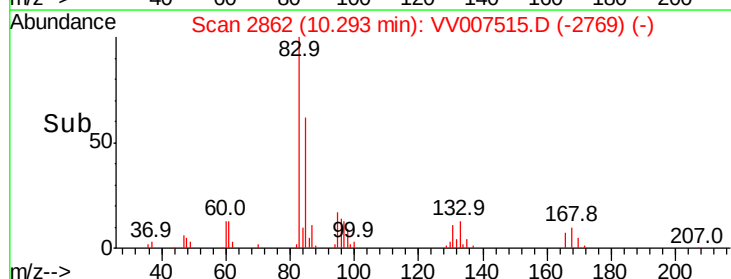
131 11.5 9.2 13.8

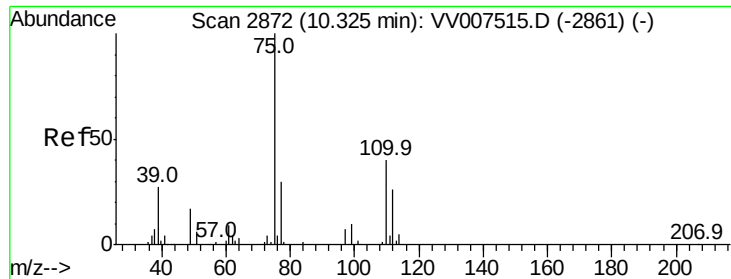


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.661 ug/L

RT: 10.32 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

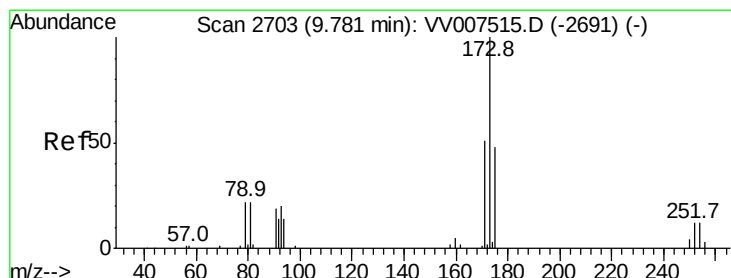
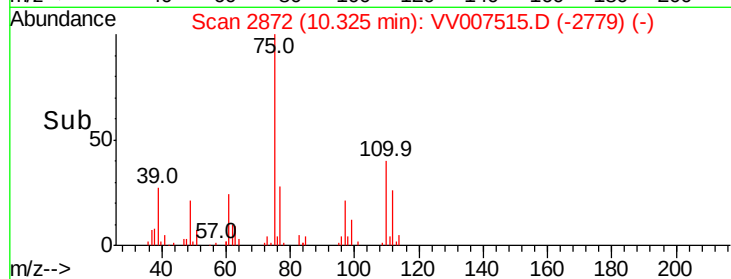
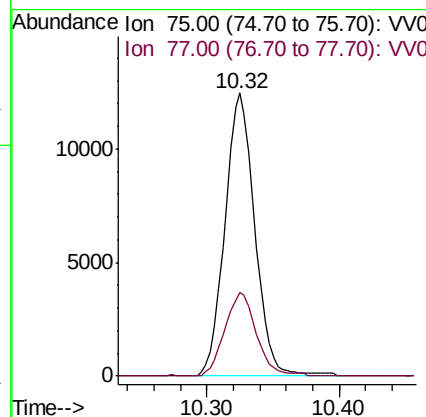
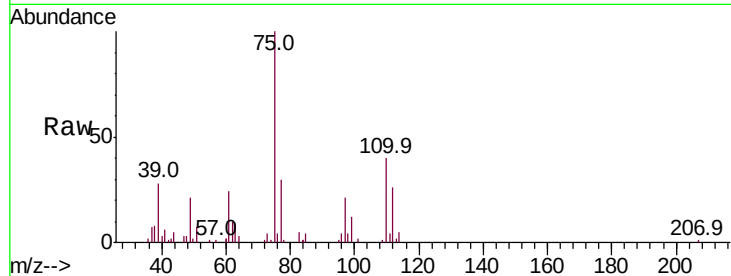
ClientSampleId :

Tot Ion: 75 Resp: 19483

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#61

Bromoform

Concen: 4.521 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

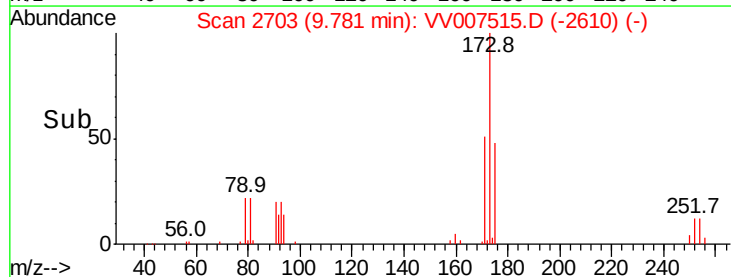
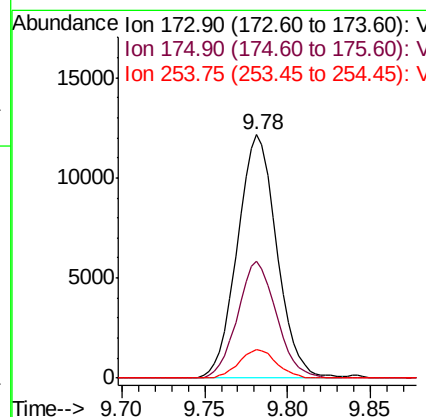
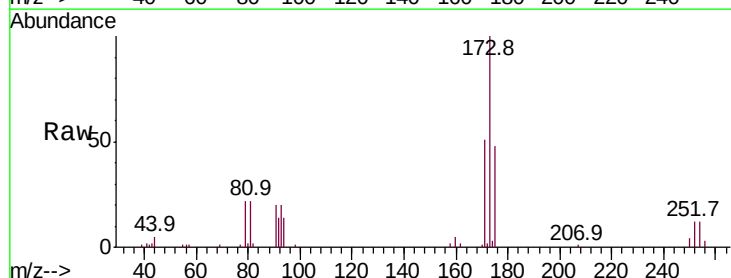
Tgt Ion:173 Resp: 20112

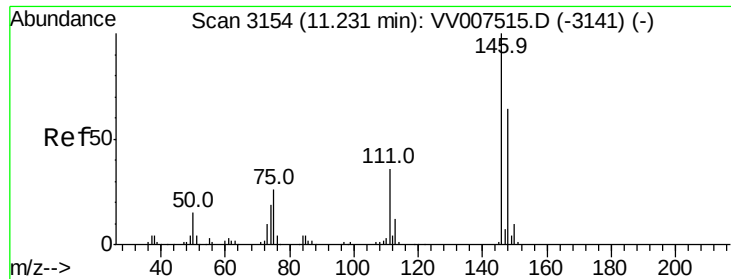
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 11.0 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 5.032 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007515.D

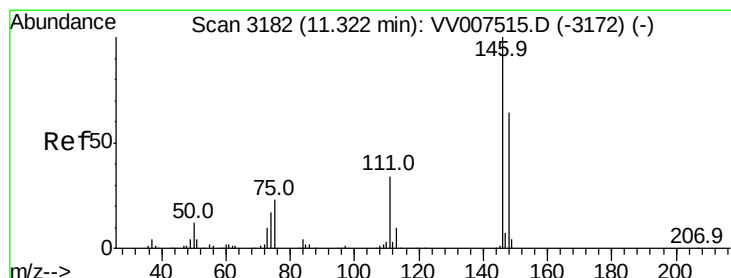
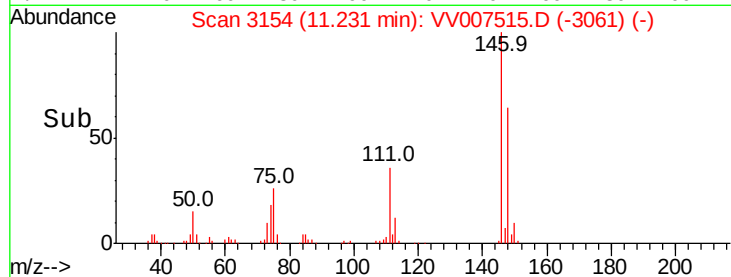
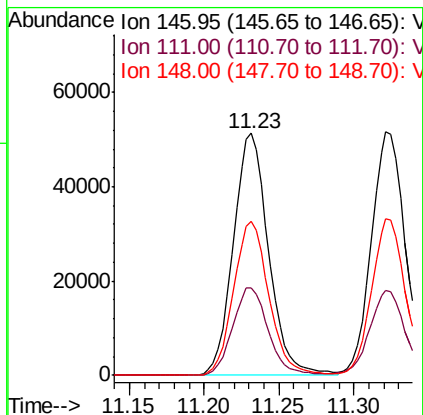
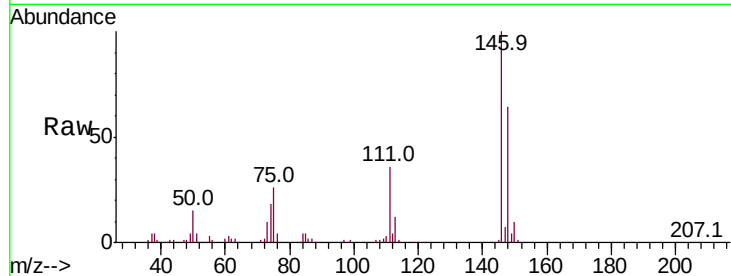
Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:146	Resp:	84077
Ion Ratio	Lower	Upper
146	100	
111	36.2	25.3 47.1
148	63.7	44.6 82.8



#63

1,4-Dichlorobenzene

Concen: 5.034 ug/L

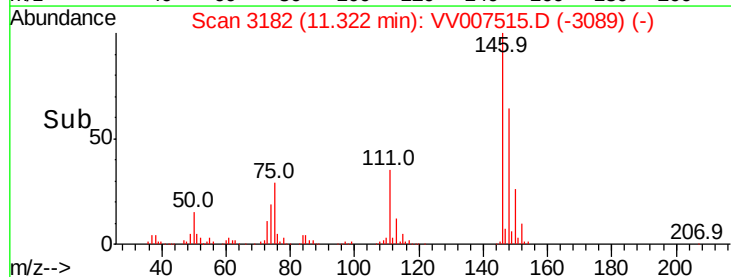
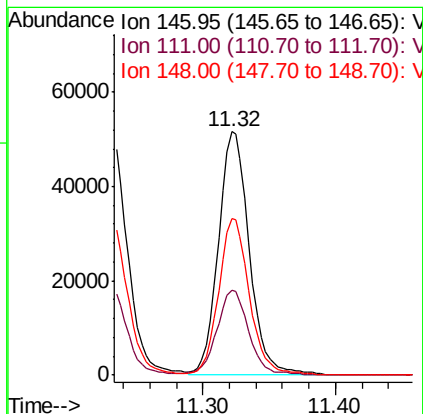
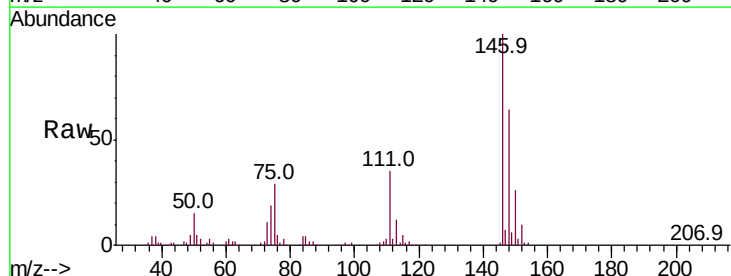
RT: 11.32 min Scan# 3182

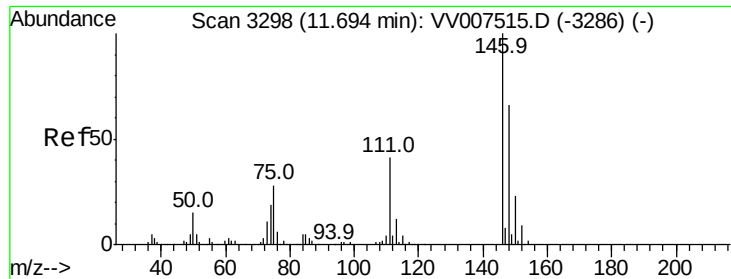
Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Tgt Ion:146	Resp:	83676
Ion Ratio	Lower	Upper
146	100	
111	35.0	24.5 45.5
148	64.5	45.1 83.9





#65

1,2-Dichlorobenzene

Concen: 4.912 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

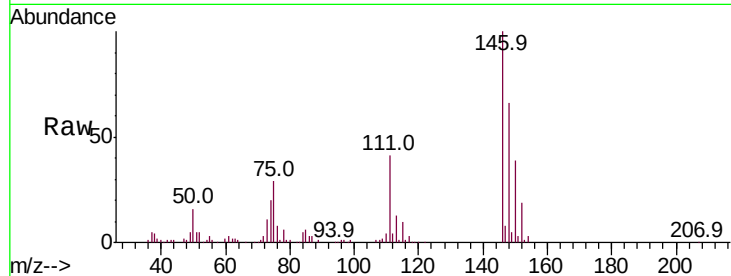
Tot Ion:146 Resp: 77018

Ion Ratio Lower Upper

146 100

111 40.9 32.7 49.1

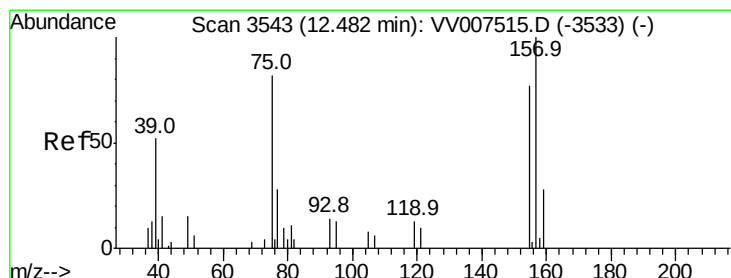
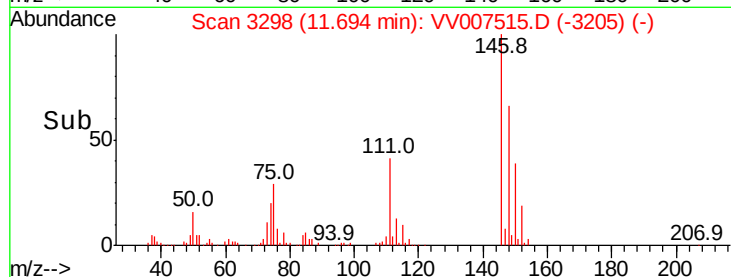
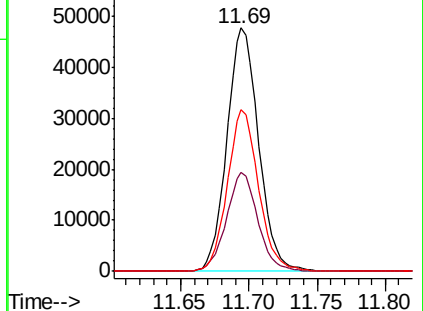
148 66.3 53.0 79.6



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: 3.772 ug/L

RT: 12.48 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

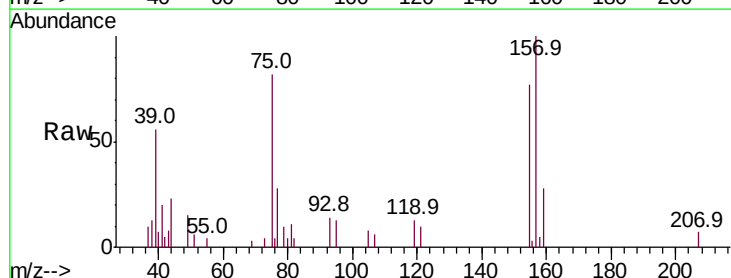
Tgt Ion: 75 Resp: 4196

Ion Ratio Lower Upper

75 100

155 93.2 74.6 111.8

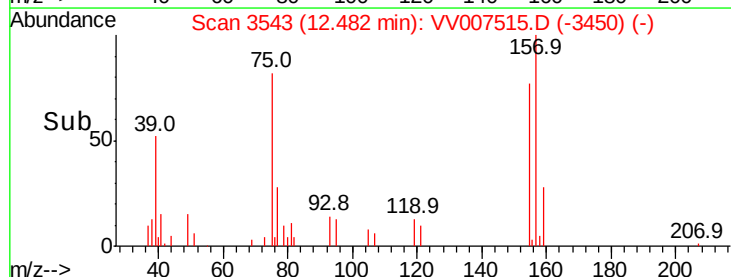
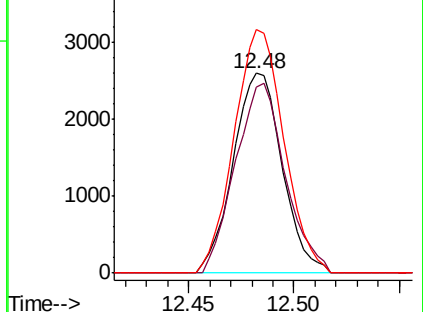
157 121.8 97.4 146.2

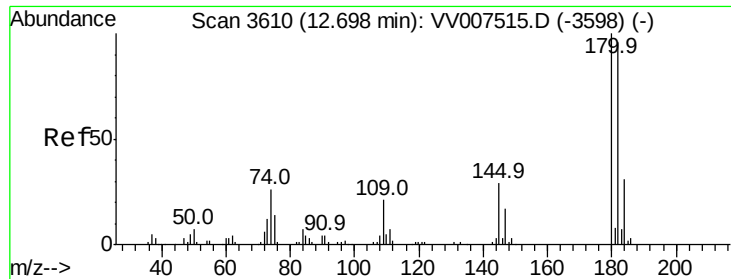


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

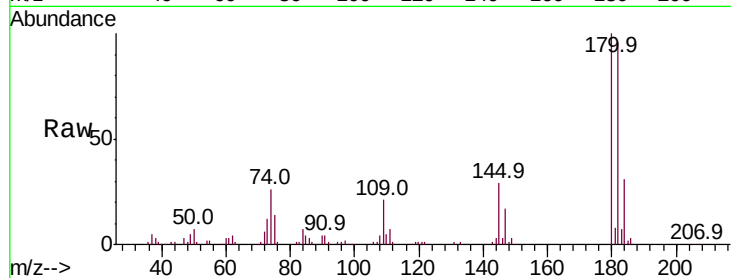




#67
 1,3,5-Trichlorobenzene
 Concen: 5.228 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	180	Resp:	67217
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
184	30.0	24.0	36.0
145	28.3	22.6	34.0



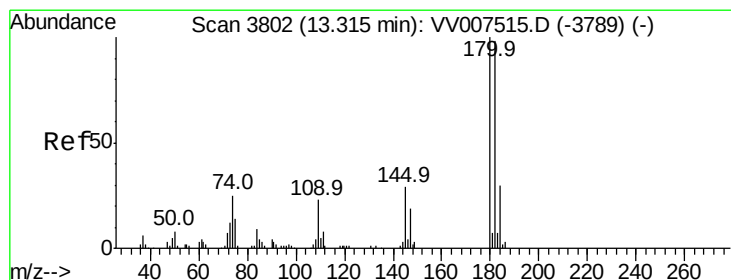
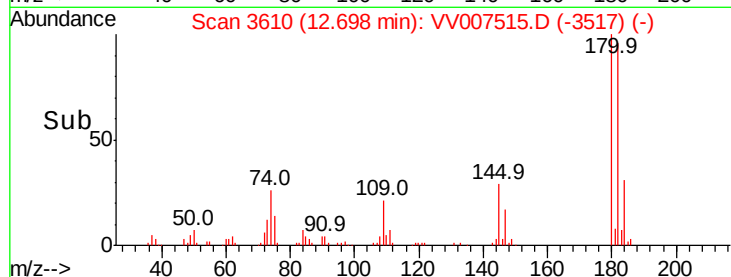
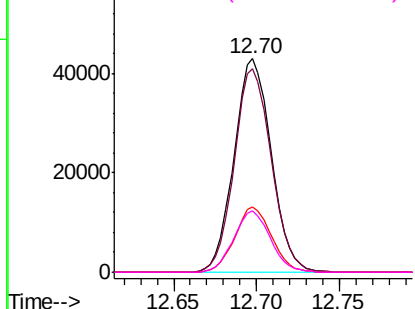
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

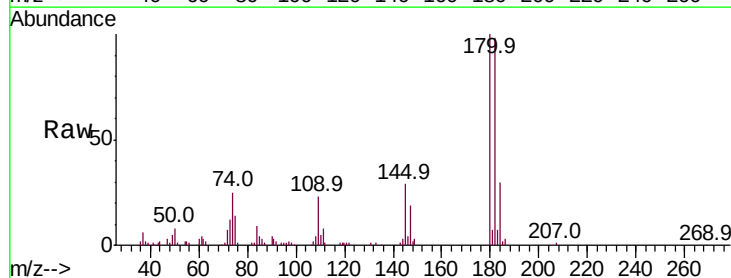
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.310 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV007515.D
 Acq: 13 Sep 2018 17:56

Tgt Ion:	180	Resp:	51510
Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.8	116.8
145	28.1	22.5	33.7

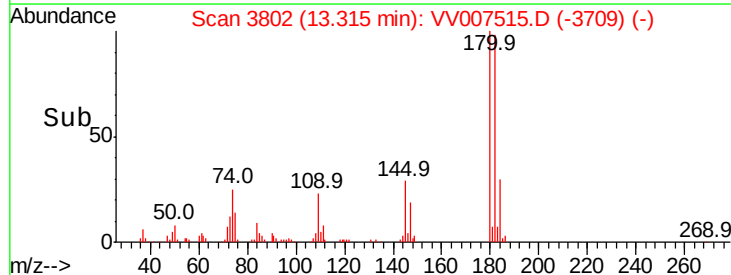
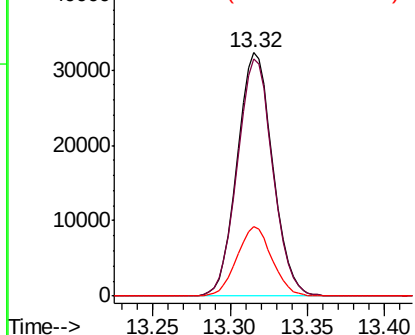


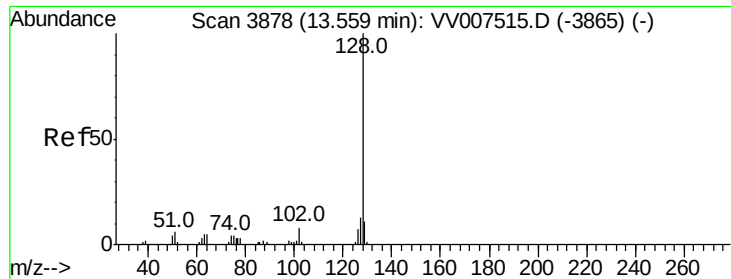
Abundance

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: 4.446 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

Instrument :

MSVOA_V

ClientSampled :

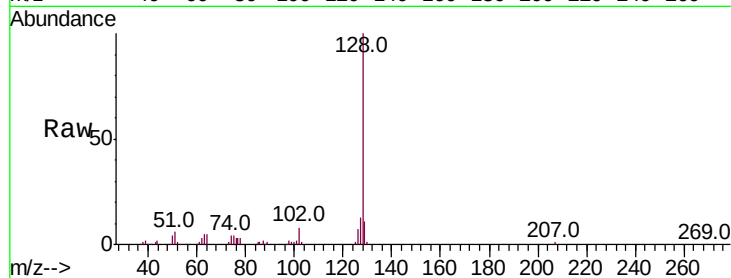
Tot Ion:128 Resp: 64691

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

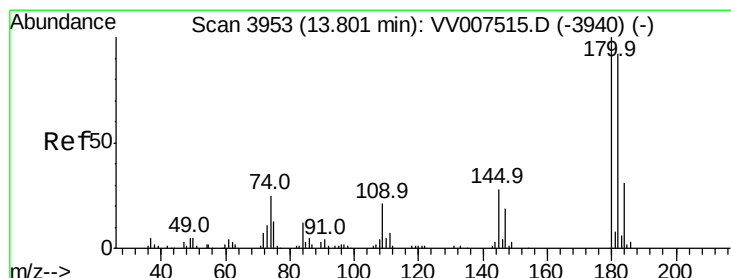
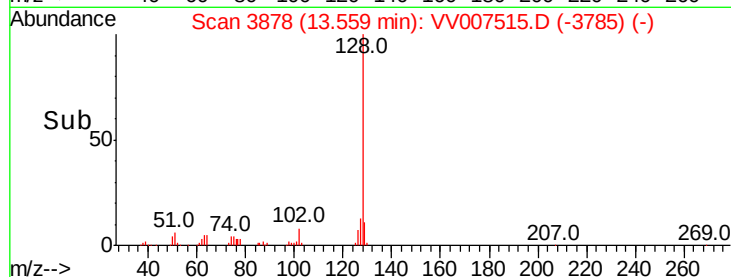
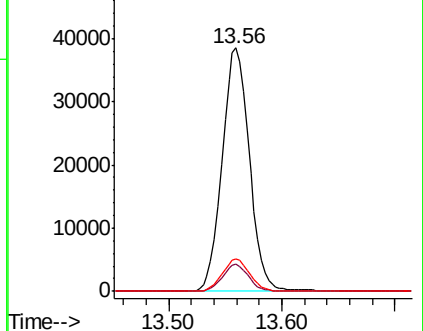
127 13.1 10.5 15.7



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: 5.152 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV007515.D

Acq: 13 Sep 2018 17:56

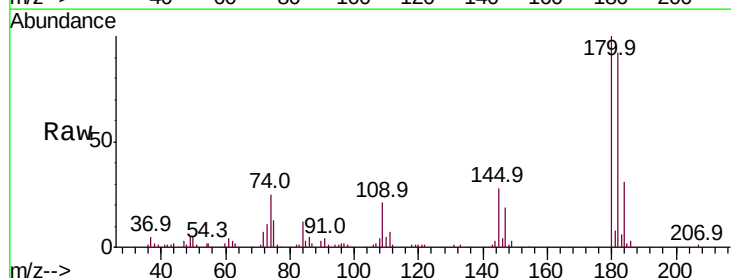
Tgt Ion:180 Resp: 46735

Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

145 29.2 23.4 35.0



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

