

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
 Data File : VV007522.D
 Acq On : 13 Sep 2018 21:04
 Operator : SY/MD
 Sample : J4864-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 05:11:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	76194	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.92	117	140788	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.30	152	88813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	306214	76.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1539.00%#
7) Chloroethane-d5	1.59	69	23093	6.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.40%#
11) 1,1-Dichloroethene-d2	2.15	63	11743529	1417.80	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	28356.00%#
20) 2-Butanone-d5	3.88	46	3611	6.50	ug/L	-0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	13.00%#
24) Chloroform-d	4.45	84	81825	10.02	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	200.40%#
26) 1,2-Dichloroethane-d4	5.14	65	31040	7.76	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	155.20%#
32) Benzene-d6	5.16	84	129136	4.04	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.30	67	31733	3.33	ug/L	0.17
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.60%
41) Toluene-d8	7.39	98	135627	4.08	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.69	79	18823	4.28	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.16	63	57920	82.36	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.72%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34651	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	66303	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	538	0.130	ug/L 89
3) Chloromethane	1.25	50	8352	2.330	ug/L 99
6) Bromomethane	1.54	94	478	0.167	ug/L 84
8) Chloroethane	1.60	64	2764425	1133.234	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	66298	15.390	ug/L # 23
12) 1,1-Dichloroethene	2.15	96	24808488	6415.107	ug/L # 53
13) Acetone	2.21	43	11458	31.602	ug/L 67
14) Carbon disulfide	2.33	76	18394	1.626	ug/L 97
15) Methyl Acetate	2.53	43	62705	63.100	ug/L # 74
16) Methylene chloride	2.52	84	59248040	14173.958	ug/L 85
18) trans-1,2-Dichloroethene	2.82	96	434820	103.350	ug/L 99
19) 1,1-Dichloroethane	3.27	63	38725151	6313.239	ug/L 89
21) 2-Butanone	4.16	43	115243	189.475	ug/L # 1
23) Bromochloromethane	4.37	128	34961	19.233	ug/L 95
25) Chloroform	4.47	83	430586	61.428	ug/L 99
27) 1,2-Dichloroethane	5.24	62	816114	202.231	ug/L 100
31) Carbon tetrachloride	4.71	117	6291403	489.677	ug/L 100

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

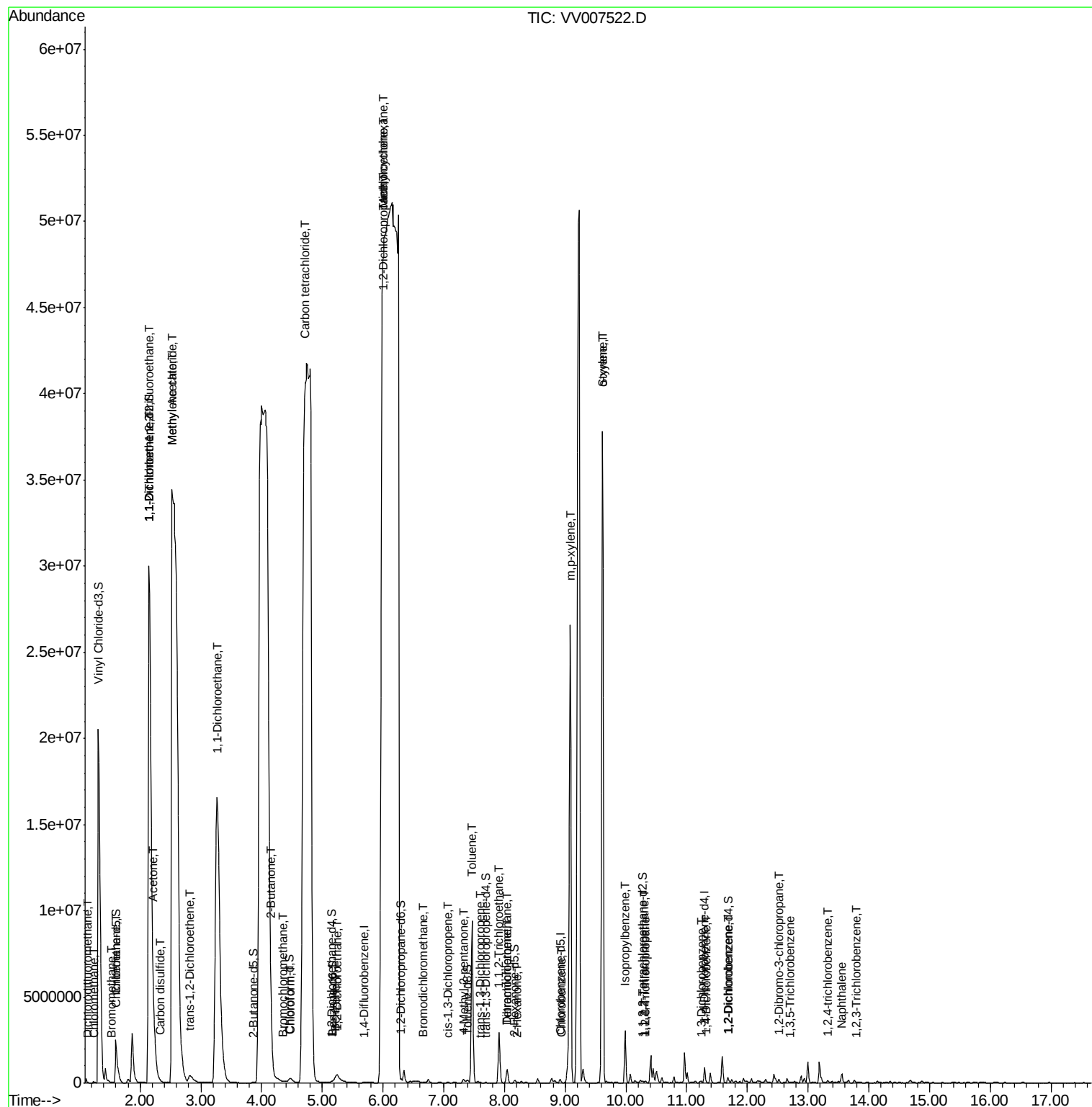
33) Benzene	5.21	78	231483	7.962	ug/L	100
34) Trichloroethene	5.99	95	40363527	4526.872	ug/L	94
35) Methylcyclohexane	6.00	83	441527	32.064	ug/L #	1
37) 1,2-Dichloropropane	6.00	63	154597	21.580	ug/L	97
38) Bromodichloromethane	6.65	83	5182	0.499	ug/L #	30
39) cis-1,3-Dichloropropene	7.07	75	1571	0.138	ug/L #	41
40) 4-Methyl-2-pentanone	7.32	43	201583	50.964	ug/L	99
42) Toluene	7.47	91	8283632	246.639	ug/L	96
44) trans-1,3-Dichloropropene	7.60	75	2453	0.262	ug/L #	76
45) 1,1,2-Trichloroethane	7.91	97	1123462	210.003	ug/L	98
47) Tetrachloroethene	8.05	164	216693	27.065	ug/L	98
48) 2-Hexanone	8.22	43	17547	5.843	ug/L	98
49) Dibromochloromethane	8.04	129	192988	25.344	ug/L #	11
51) Chlorobenzene	8.95	112	5527	0.245	ug/L	96
53) m,p-xylene	9.08	106	8258597	563.443	ug/L	96
54) o-xylene	9.62	106	12711628	885.591	ug/L #	41
55) Styrene	9.62	104	700727	29.968	ug/L #	1
56) Isopropylbenzene	9.99	105	1965316	50.427	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	21100	4.027	ug/L	90
59) 1,2,3-Trichloropropane	10.33	75	23593	5.386	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	5239	0.233	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	6097	0.272	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	2543	0.122	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.50	75	574	0.534	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	7316	0.418	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	6581	0.522	ug/L #	82
69) Naphthalene	13.56	128	419870	27.504	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	2560	0.223	ug/L #	1

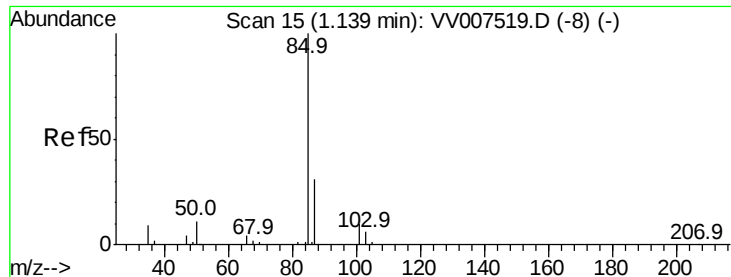
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.130 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :

MSVOA_V

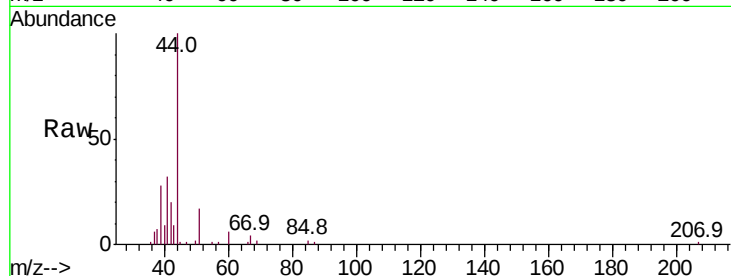
ClientSampleId :

Tot Ion: 85 Resp: 538

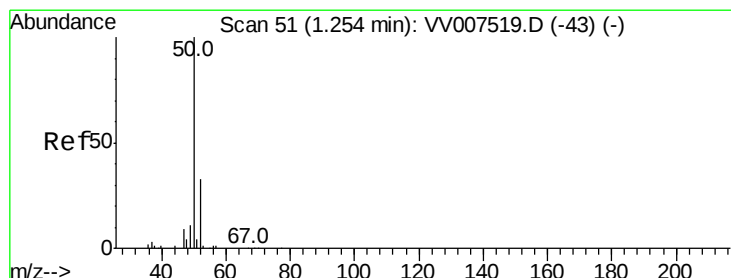
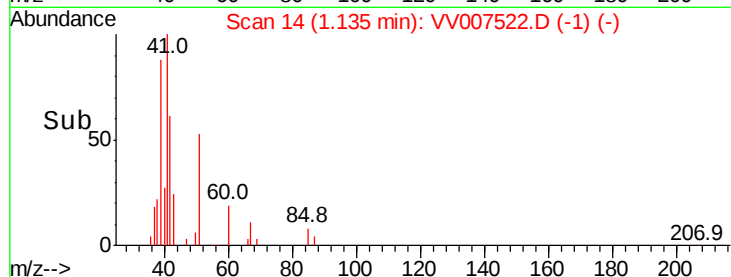
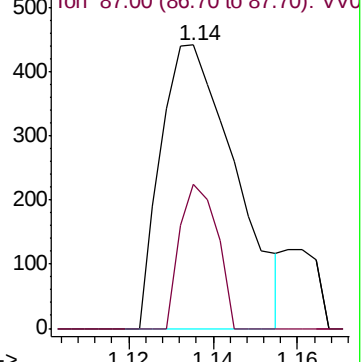
Ion Ratio Lower Upper

85 100

87 25.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VV007519.D (-8) (-)



#3

Chloromethane

Concen: 2.330 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.01 min

Lab File: VV007522.D

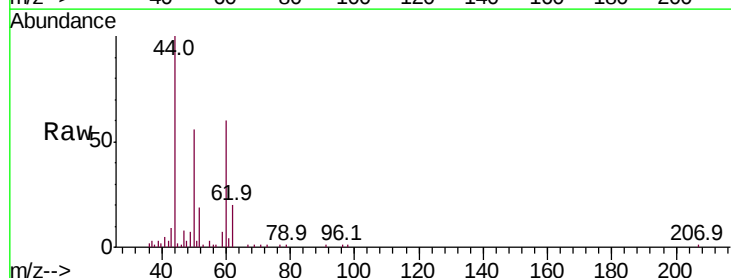
Acq: 13 Sep 2018 21:04

Tgt Ion: 50 Resp: 8352

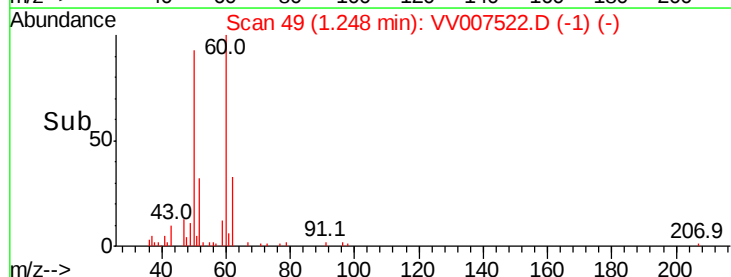
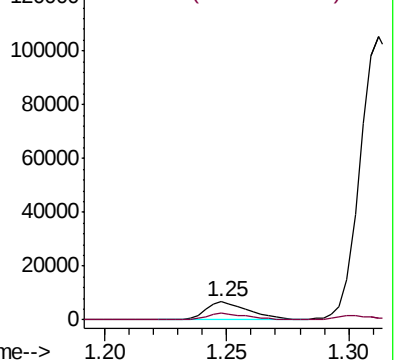
Ion Ratio Lower Upper

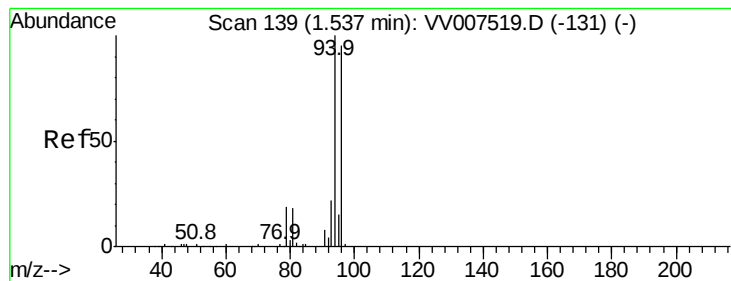
50 100

52 35.0 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV007519.D (-43) (-)





#6

Bromomethane

Concen: 0.167 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.00 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

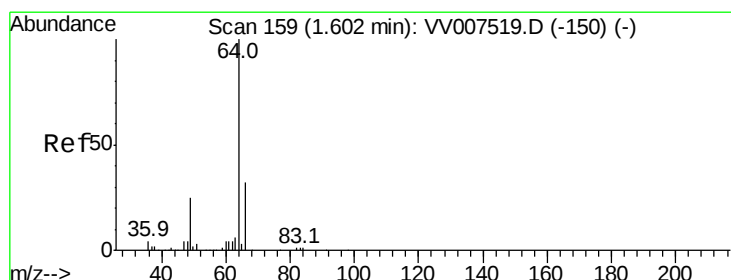
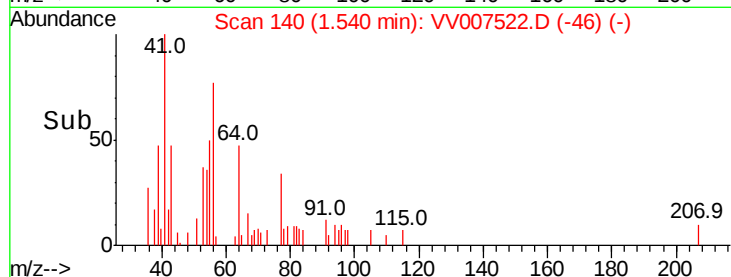
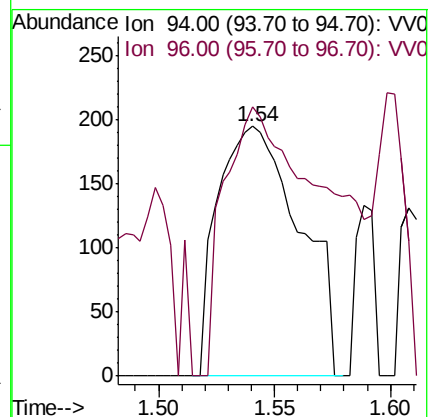
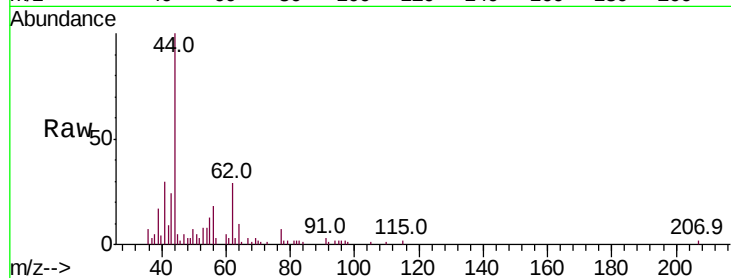
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 94 Resp: 478

Ion Ratio Lower Upper

94 100

96 107.7 64.5 119.7



#8

Chloroethane

Concen: 1133.234 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV007522.D

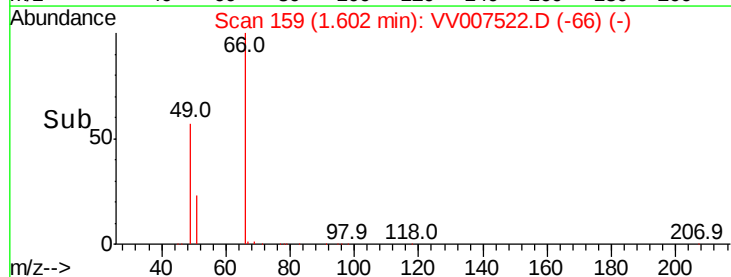
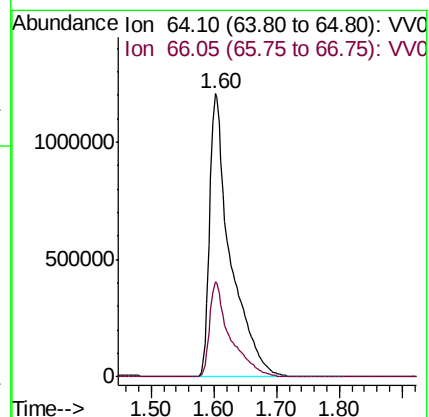
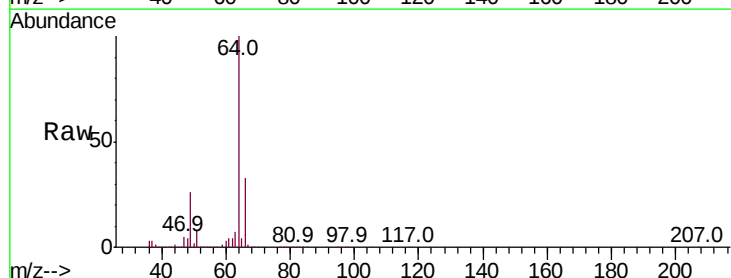
Acq: 13 Sep 2018 21:04

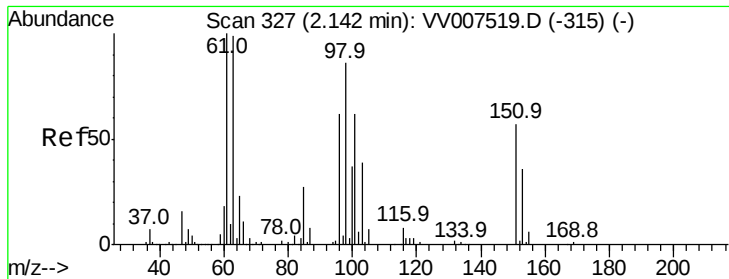
Tgt Ion: 64 Resp: 2764425

Ion Ratio Lower Upper

64 100

66 33.5 24.3 45.1





#10

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

Concen: 15.390 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampled :

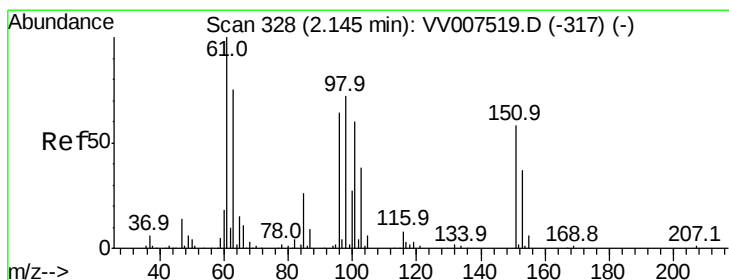
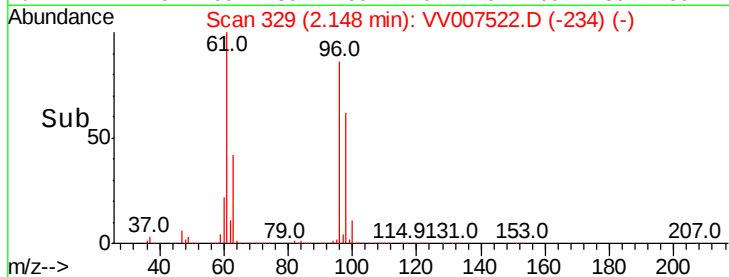
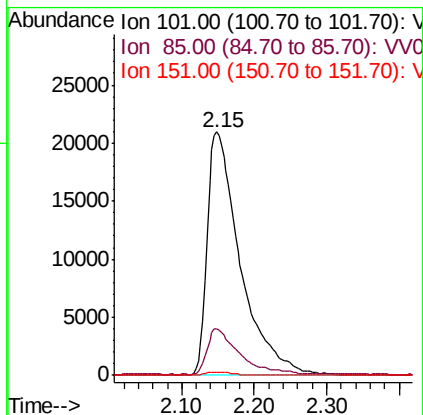
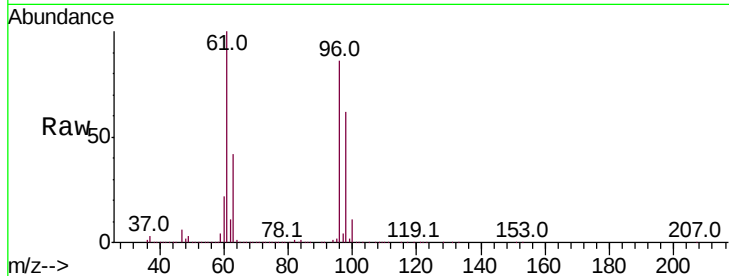
Tot Ion:101 Resp: 66298

Ion Ratio Lower Upper

101 100

85 19.3 34.8 52.2#

151 0.4 72.6 109.0#



#12

1,1-Dichloroethene

Concen: 6415.107 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

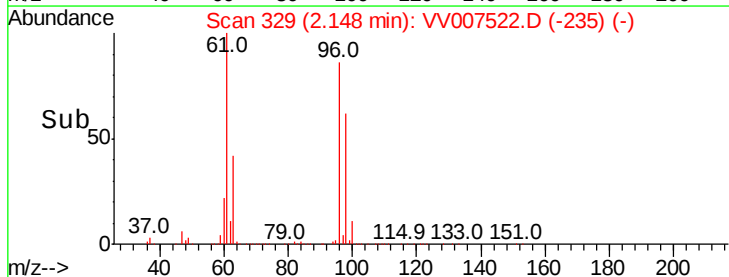
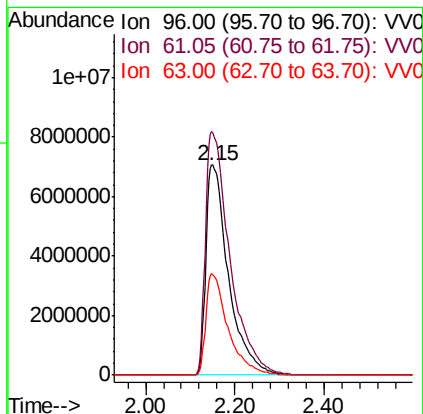
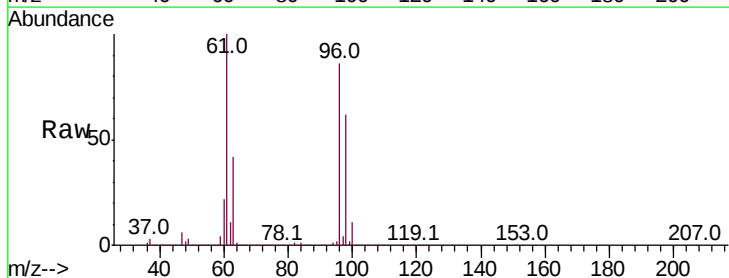
Tgt Ion: 96 Resp:24808488

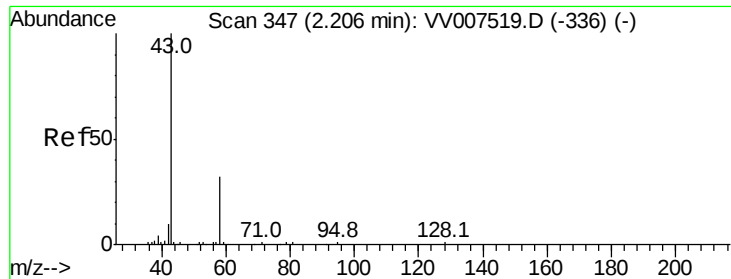
Ion Ratio Lower Upper

96 100

61 115.8 114.8 213.2

63 48.2 81.8 151.8#





#13

Acetone

Concen: 31.602 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

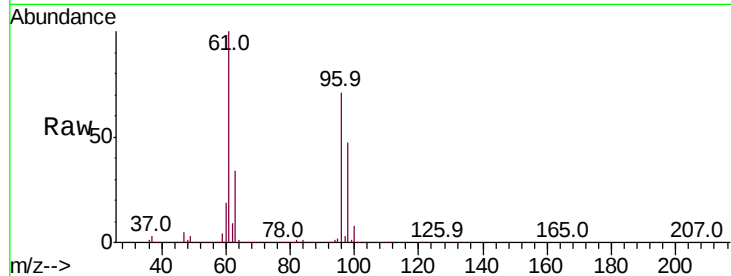
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 11458

Ion Ratio Lower Upper

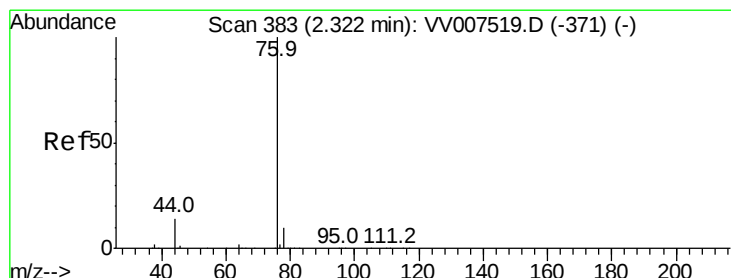
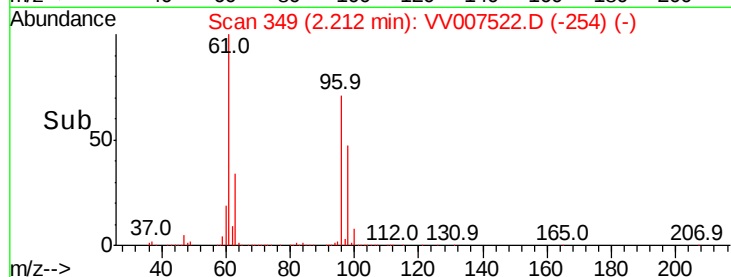
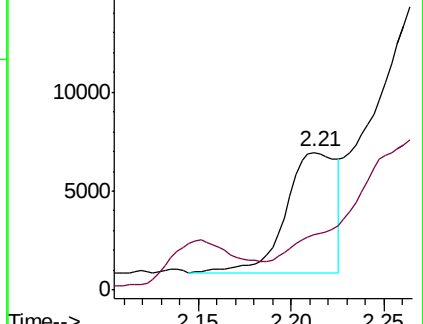
43 100

58 50.3 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007519.D (-336) (-)



#14

Carbon disulfide

Concen: 1.626 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VV007522.D

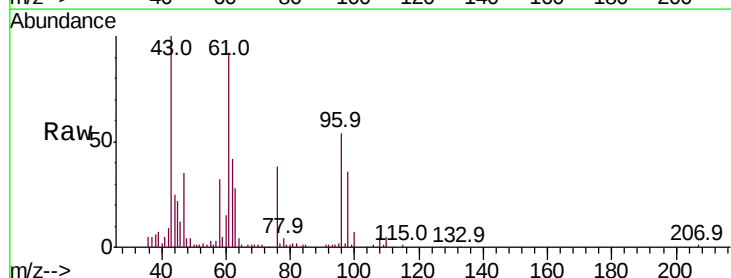
Acq: 13 Sep 2018 21:04

Tgt Ion: 76 Resp: 18394

Ion Ratio Lower Upper

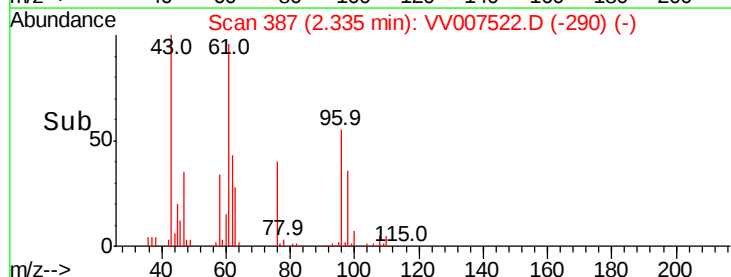
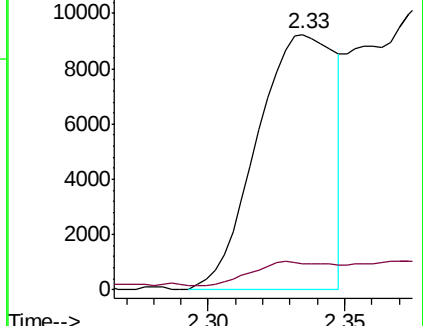
76 100

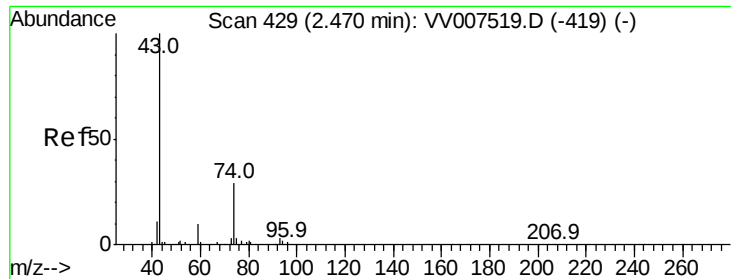
78 10.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV007519.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV007519.D (-371) (-)

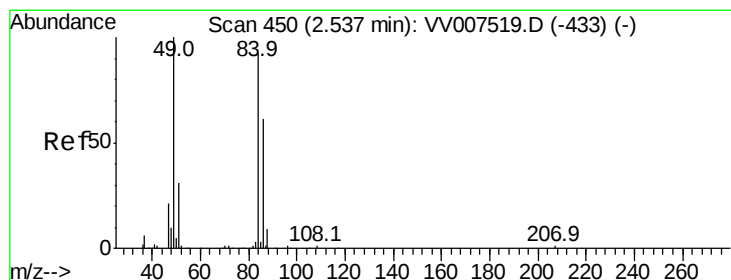
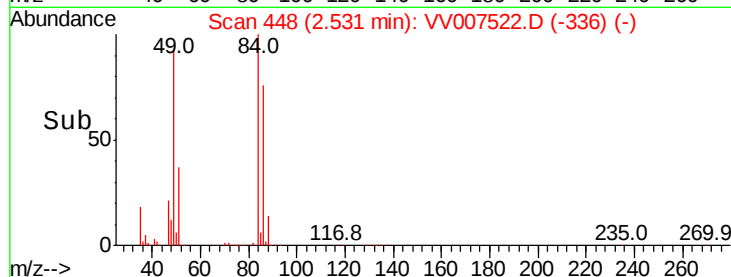
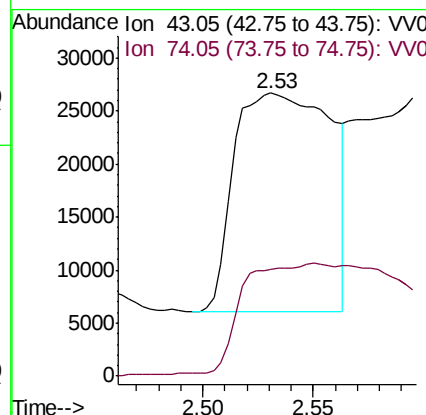
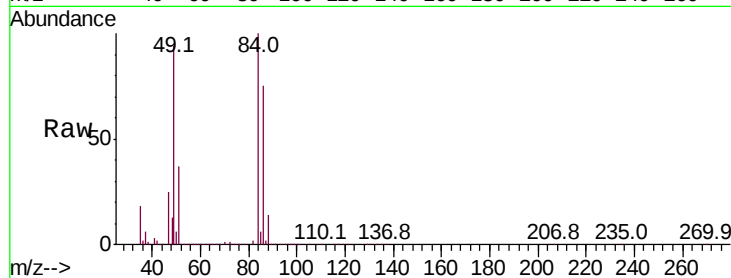




#15
Methyl Acetate
Concen: 63.100 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.06 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

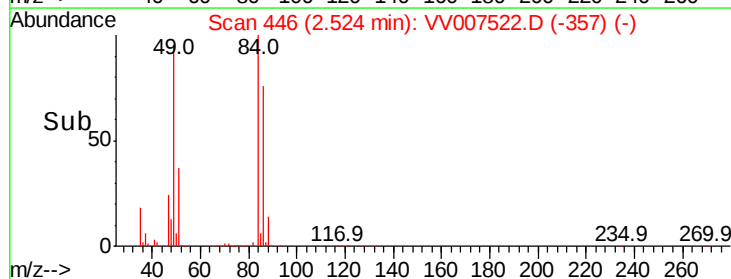
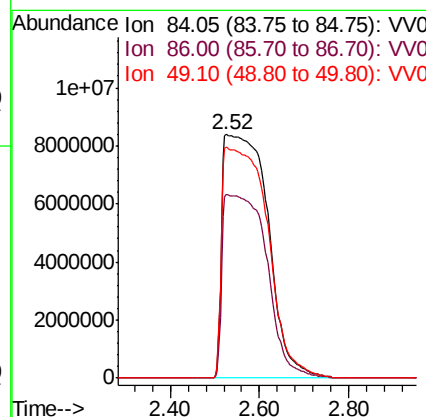
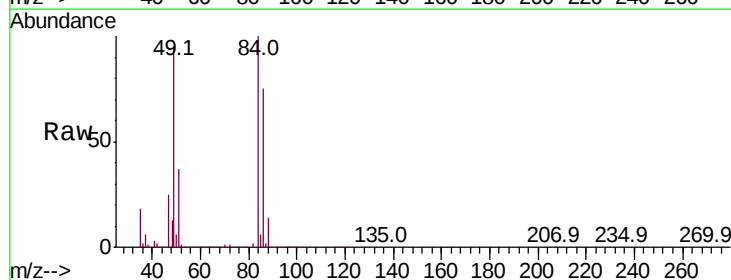
Instrument :
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ClientSampleId :

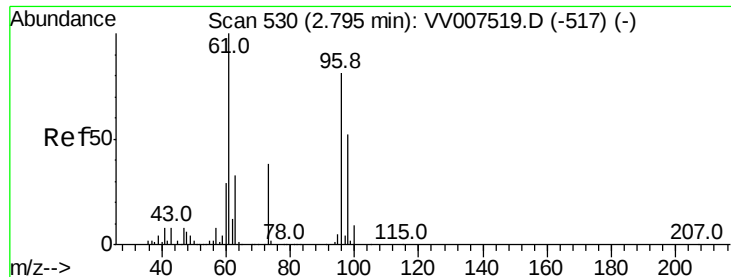
Tot Ion: 43 Resp: 62705
Ion Ratio Lower Upper
43 100
74 46.1 25.4 38.2#



#16
Methylene chloride
Concen: 14173.958 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.01 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Tgt Ion: 84 Resp: 59248040
Ion Ratio Lower Upper
84 100
86 75.5 43.7 81.1
49 95.0 76.8 142.6

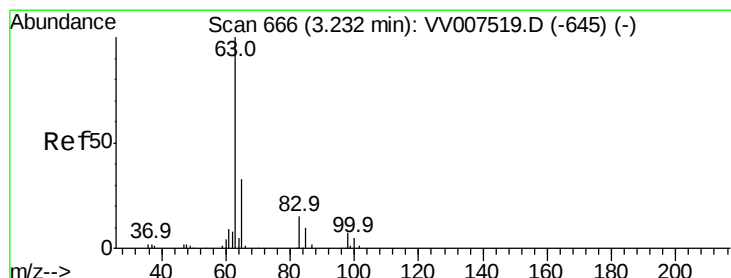
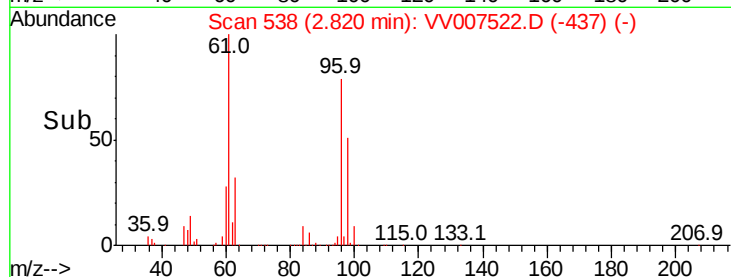
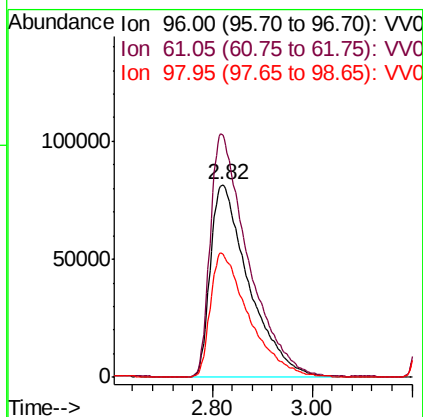
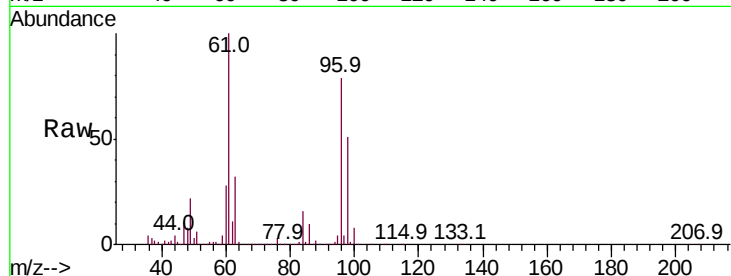




#18
trans-1,2-Dichloroethene
Concen: 103.350 ug/L
RT: 2.82 min Scan# 538
Delta R.T. 0.03 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

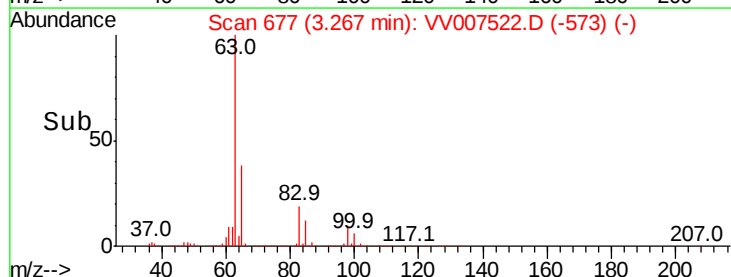
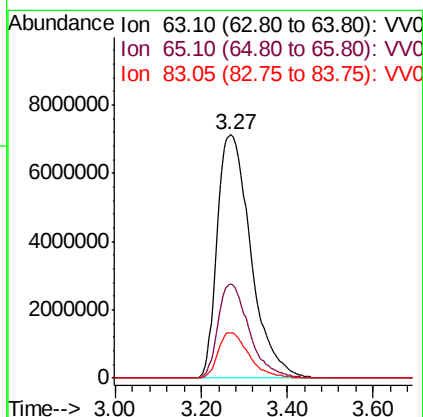
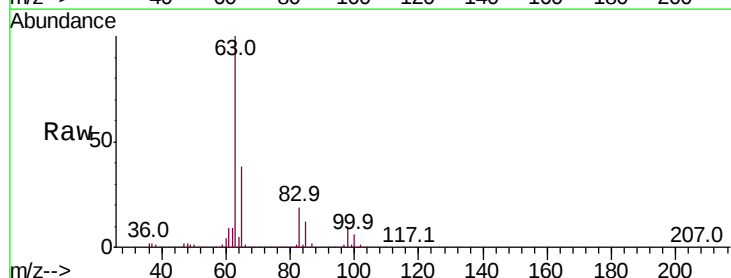
Instrument :
MSVOA_V
ClientSampled :

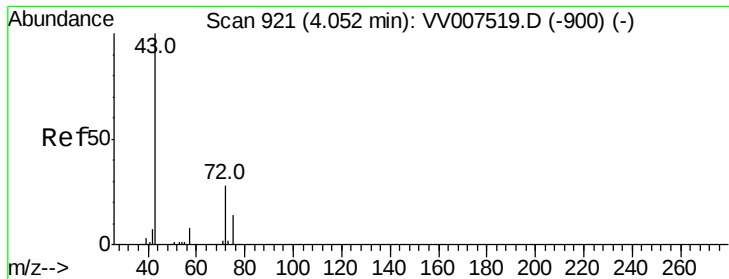
Tot Ion: 96 Resp: 434820
Ion Ratio Lower Upper
96 100
61 125.9 86.8 161.2
98 64.1 44.4 82.4



#19
1,1-Dichloroethane
Concen: 6313.239 ug/L
RT: 3.27 min Scan# 677
Delta R.T. 0.04 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Tgt Ion: 63 Resp: 38725151
Ion Ratio Lower Upper
63 100
65 38.5 22.5 41.9
83 18.8 10.4 19.2





#21

2-Butanone

Concen: 189.475 ug/L

RT: 4.16 min Scan# 954

Delta R.T. 0.11 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

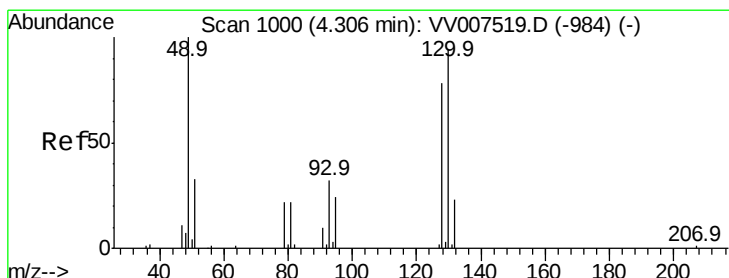
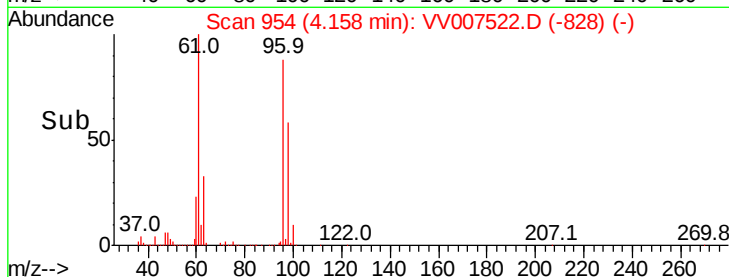
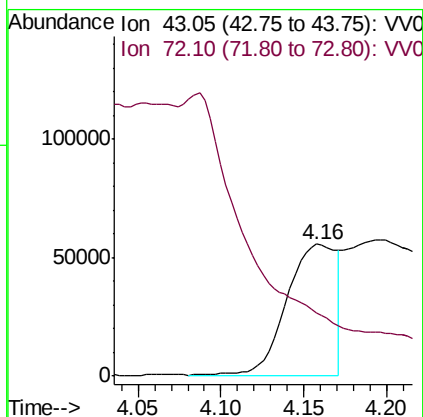
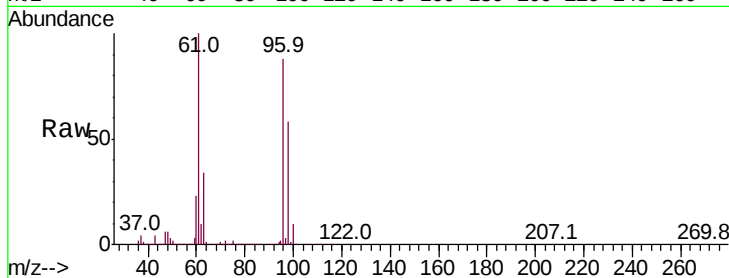
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 115243

Ion Ratio Lower Upper

43 100

72 472.2 14.2 42.6#



#23

Bromochloromethane

Concen: 19.233 ug/L

RT: 4.37 min Scan# 1019

Delta R.T. 0.06 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Tgt Ion:128 Resp: 34961

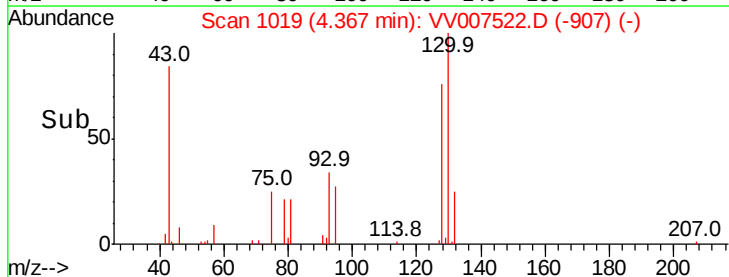
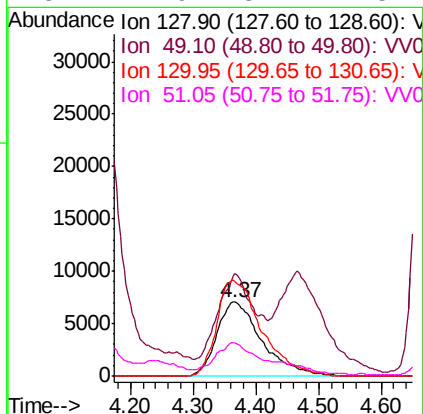
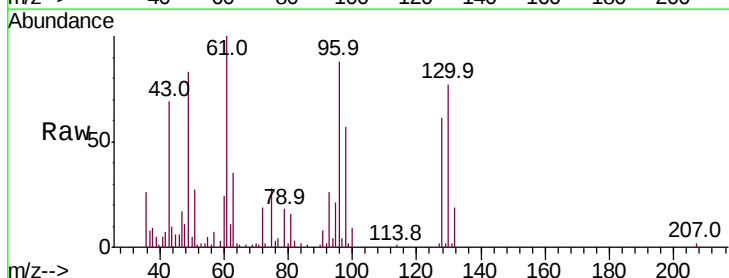
Ion Ratio Lower Upper

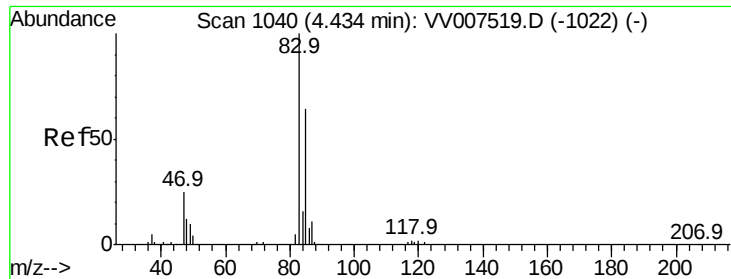
128 100

49 137.9 89.0 165.2

130 127.2 88.8 165.0

51 44.9 32.2 48.2





#25

Chloroform

Concen: 61.428 ug/L

RT: 4.47 min Scan# 1052

Delta R.T. 0.04 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

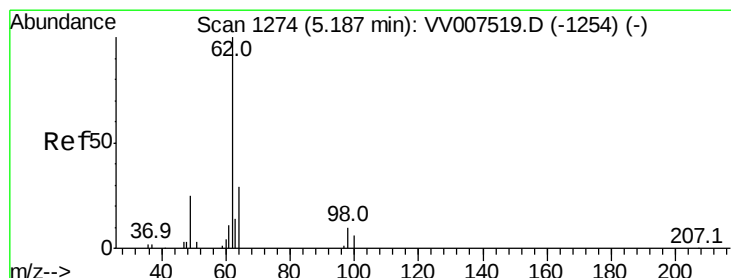
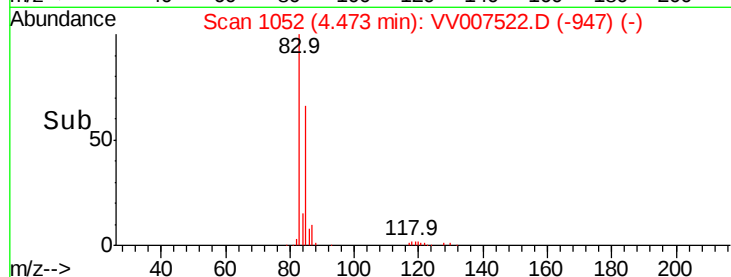
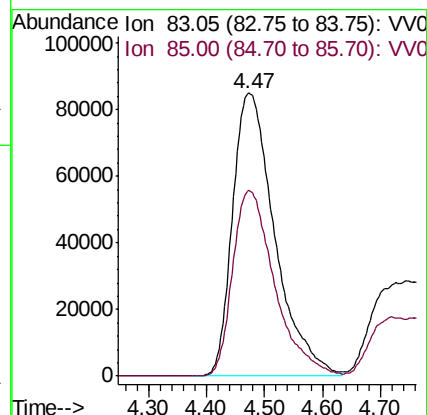
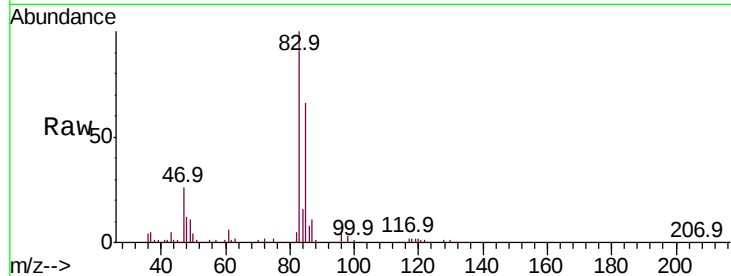
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 430586

Ion Ratio Lower Upper

83 100

85 65.6 45.5 84.5



#27

1,2-Dichloroethane

Concen: 202.231 ug/L

RT: 5.24 min Scan# 1292

Delta R.T. 0.06 min

Lab File: VV007522.D

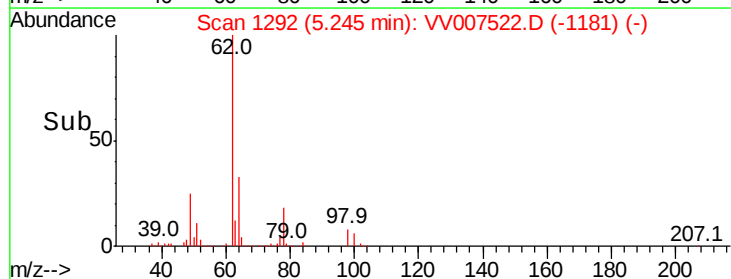
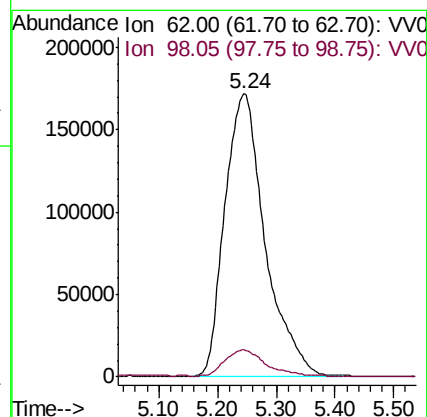
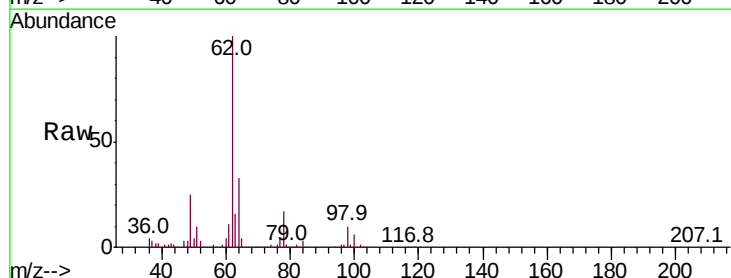
Acq: 13 Sep 2018 21:04

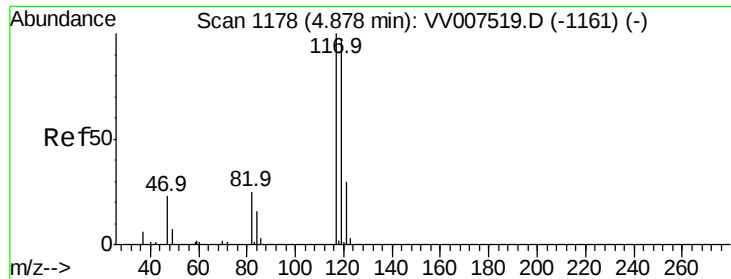
Tgt Ion: 62 Resp: 816114

Ion Ratio Lower Upper

62 100

98 9.6 7.6 11.4



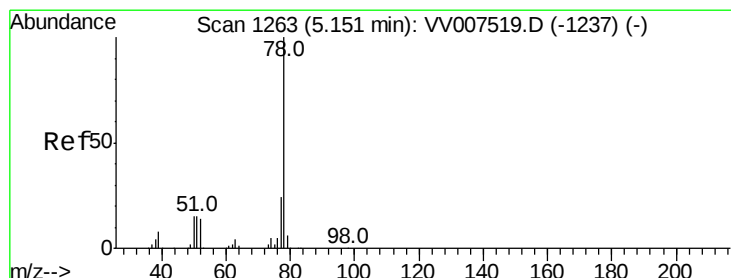
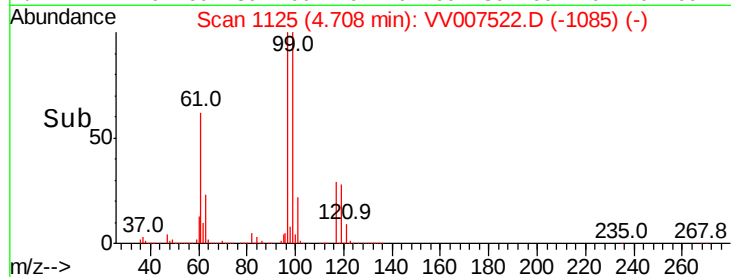
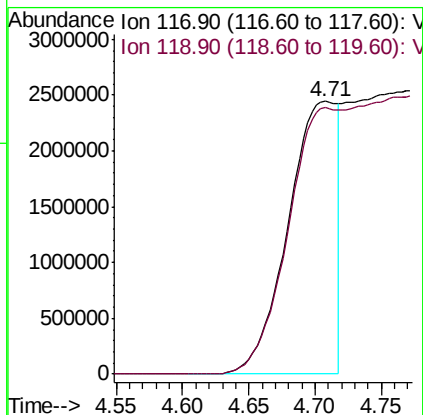
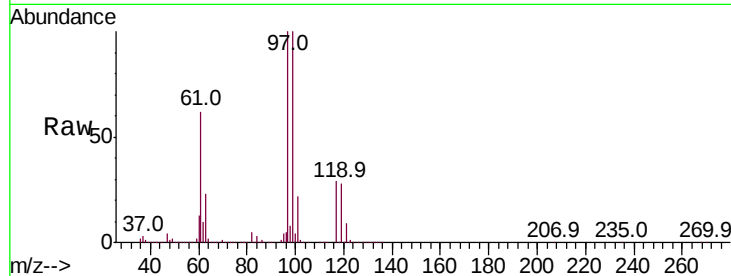


#31

Carbon tetrachloride
Concen: 489.677 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. -0.17 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampleId :

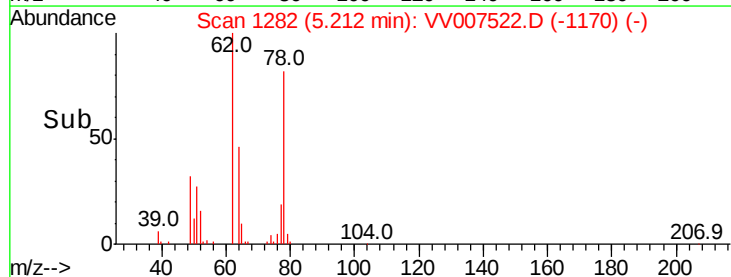
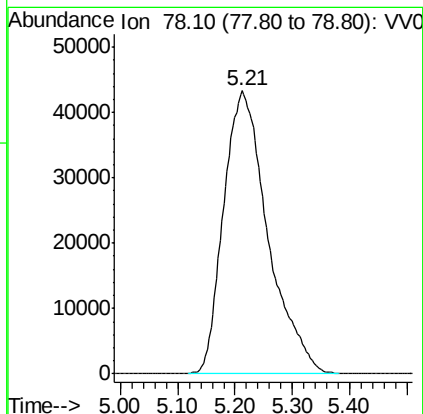
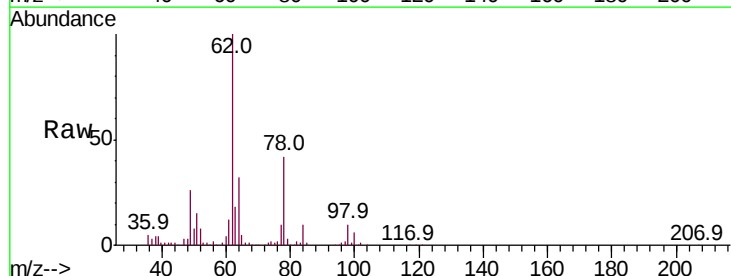
Tot Ion:117 Resp: 6291403
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3

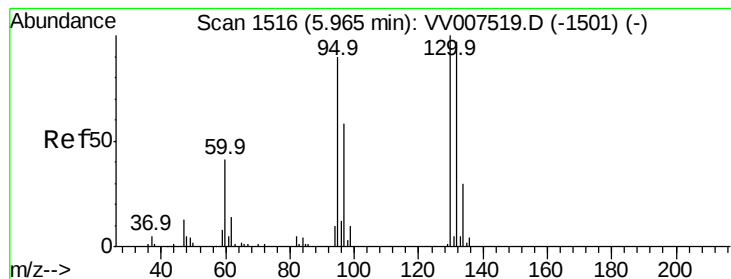


#33

Benzene
Concen: 7.962 ug/L
RT: 5.21 min Scan# 1282
Delta R.T. 0.06 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Tgt Ion: 78 Resp: 231483





#34

Trichloroethene

Concen: 4526.872 ug/L

RT: 5.99 min Scan# 1525

Delta R.T. 0.03 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 40363527

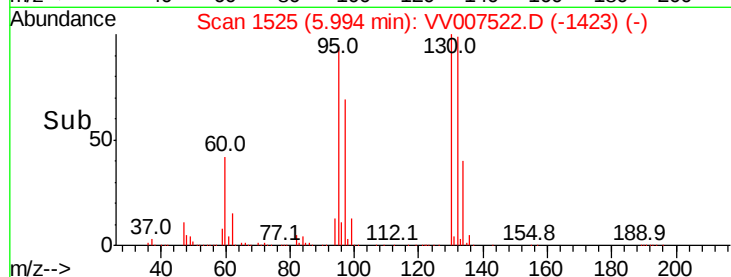
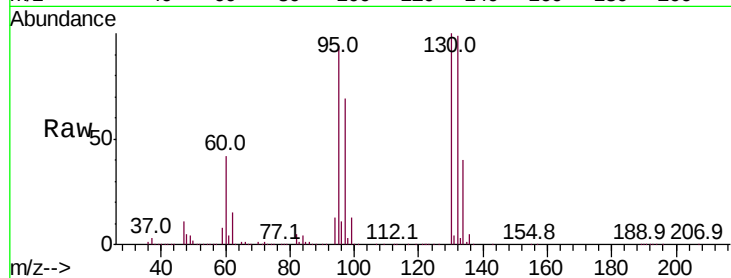
Ion Ratio Lower Upper

95 100

97 73.4 45.5 84.5

132 104.7 74.9 139.1

130 106.1 80.0 148.6

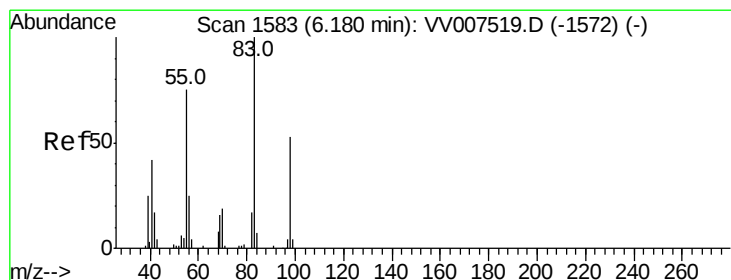
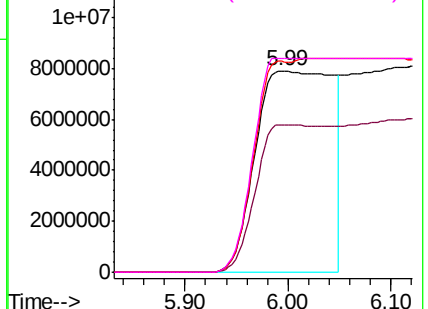


Abundance Ion 95.00 (94.70 to 95.70): VV007519.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007519.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007519.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007519.D (-1501) (-)



#35

Methylcyclohexane

Concen: 32.064 ug/L

RT: 6.00 min Scan# 1527

Delta R.T. -0.18 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

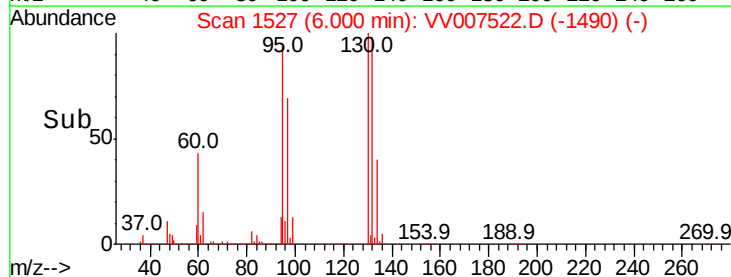
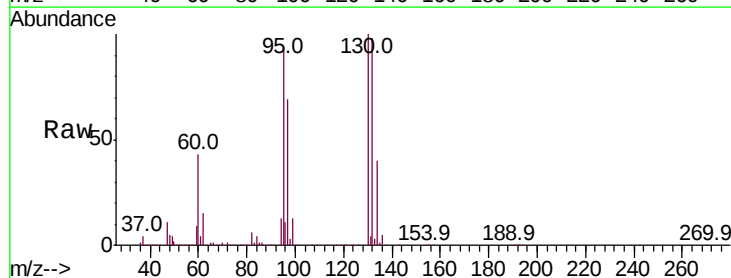
Tgt Ion: 83 Resp: 441527

Ion Ratio Lower Upper

83 100

55 3.6 55.0 82.4#

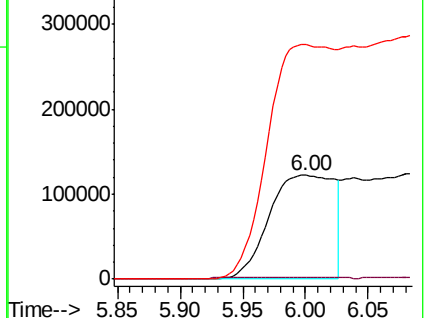
98 229.1 37.6 56.4#

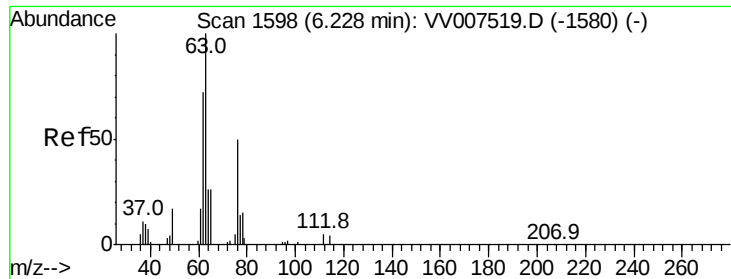


Abundance Ion 83.15 (82.85 to 83.85): VV007519.D (-1572) (-)

Ion 55.10 (54.80 to 55.80): VV007519.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV007519.D (-1572) (-)





#37

1,2-Dichloropropane

Concen: 21.580 ug/L

RT: 6.00 min Scan# 1528

Delta R.T. -0.23 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

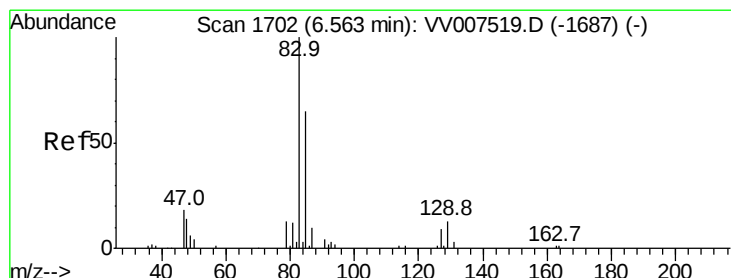
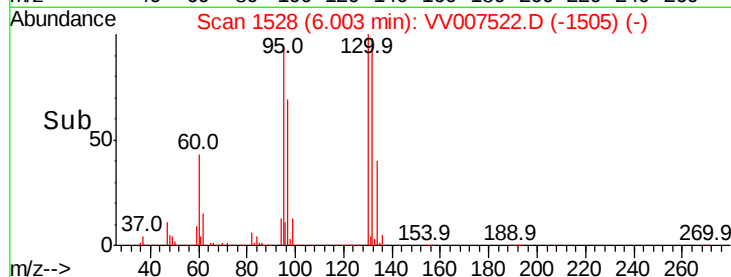
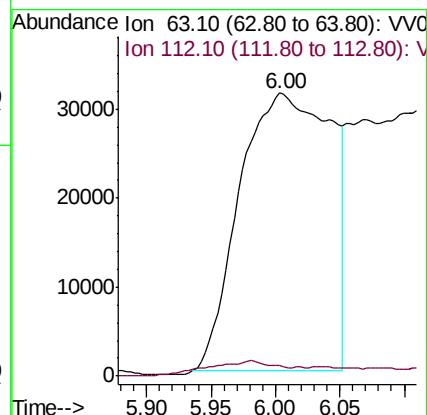
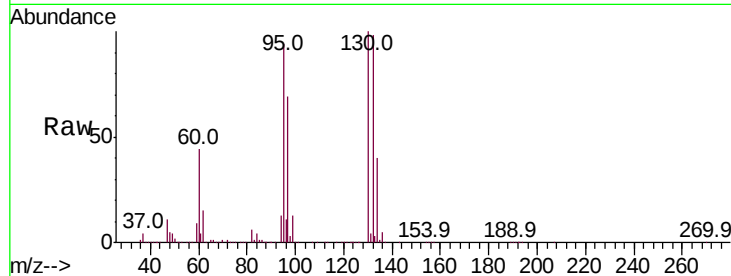
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 154597

Ion Ratio Lower Upper

63 100

112 6.0 4.1 6.1



#38

Bromodichloromethane

Concen: 0.499 ug/L

RT: 6.65 min Scan# 1730

Delta R.T. 0.09 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

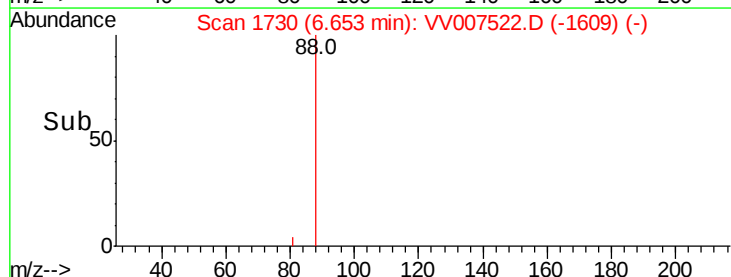
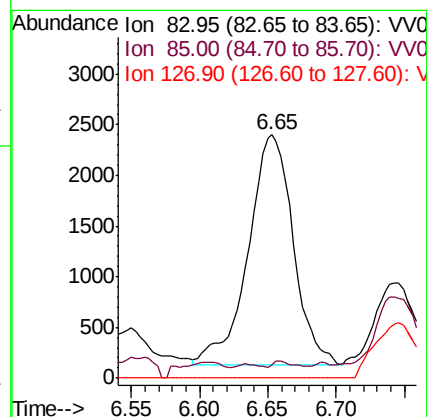
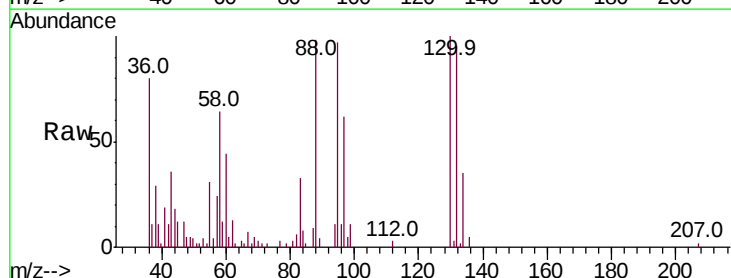
Tgt Ion: 83 Resp: 5182

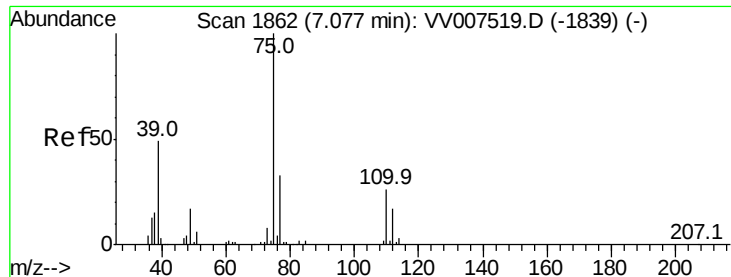
Ion Ratio Lower Upper

83 100

85 5.5 46.4 86.2#

127 0.0 8.4 12.6#





#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :

MSVOA_V

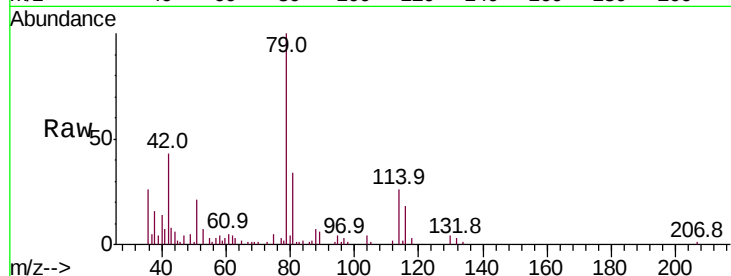
ClientSampleId :

Tot Ion: 75 Resp: 1571

Ion Ratio Lower Upper

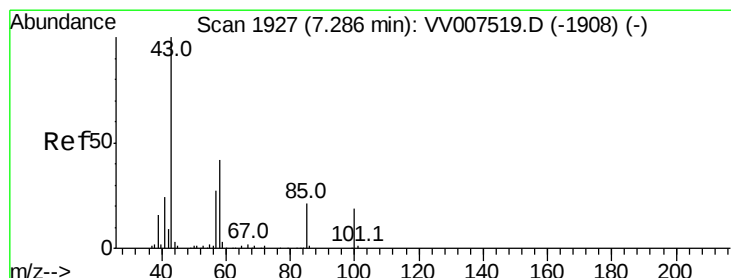
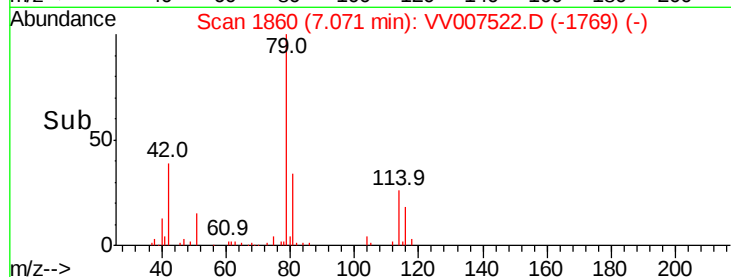
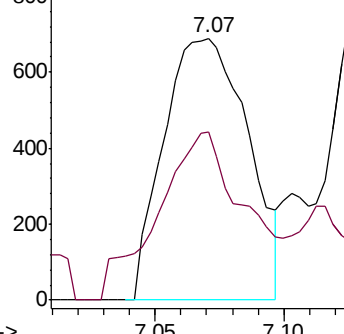
75 100

77 64.2 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 50.964 ug/L

RT: 7.32 min Scan# 1938

Delta R.T. 0.04 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

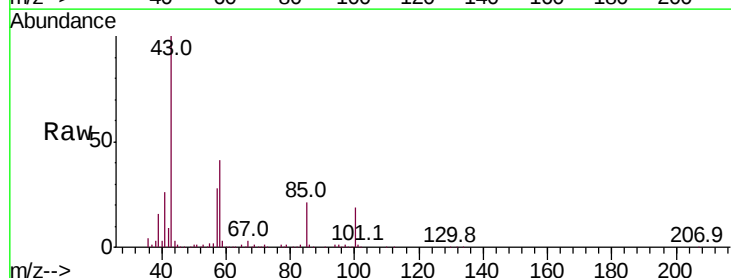
Tgt Ion: 43 Resp: 201583

Ion Ratio Lower Upper

43 100

58 41.5 32.6 49.0

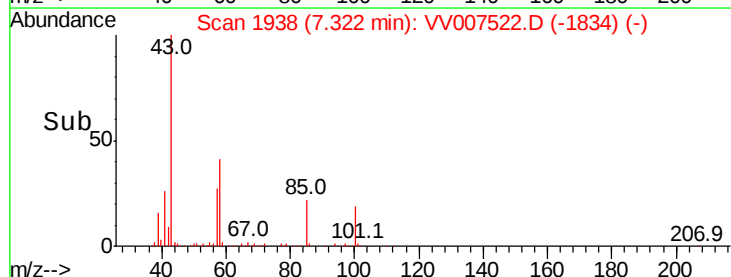
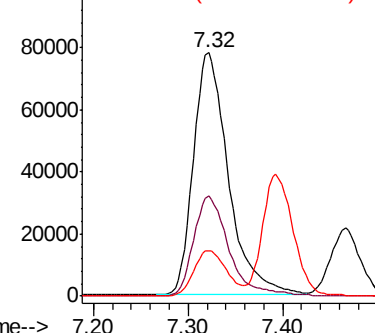
100 17.3 13.5 20.3

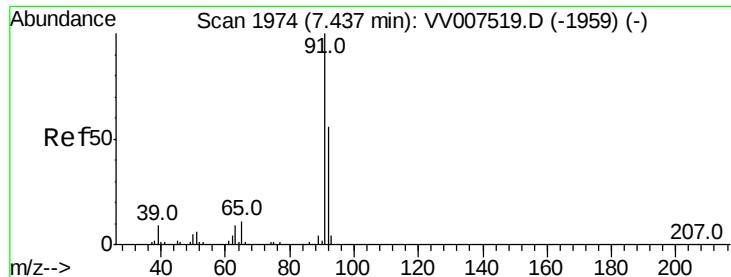


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 246.639 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.03 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

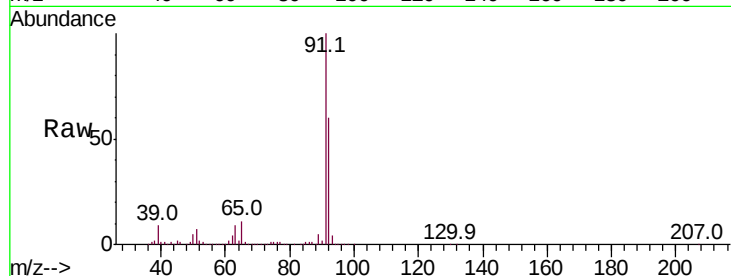
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 8283632

Ion Ratio Lower Upper

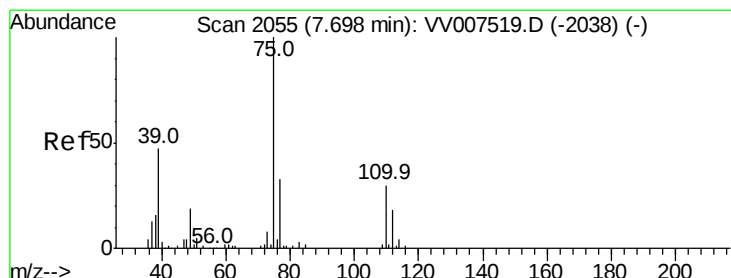
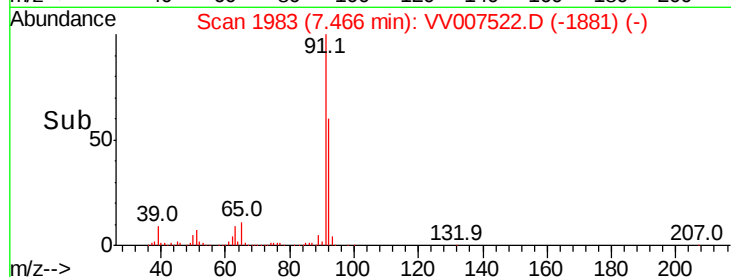
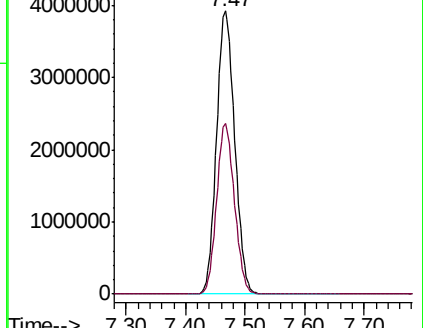
91 100

92 60.2 40.3 74.8



Abundance Ion 91.15 (90.85 to 91.85): VV007519.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007519.D (-1959) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.262 ug/L

RT: 7.60 min Scan# 2026

Delta R.T. -0.09 min

Lab File: VV007522.D

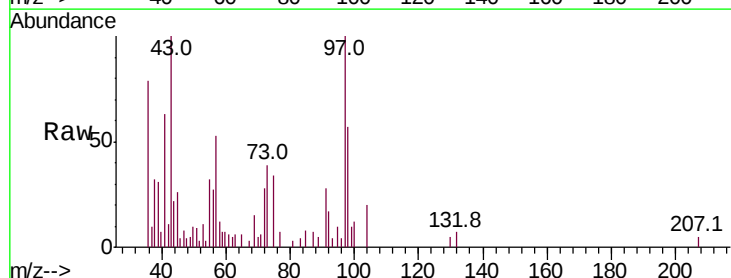
Acq: 13 Sep 2018 21:04

Tgt Ion: 75 Resp: 2453

Ion Ratio Lower Upper

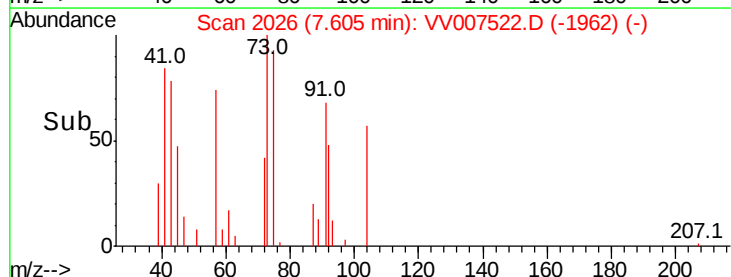
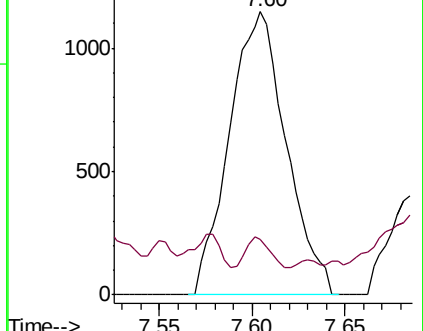
75 100

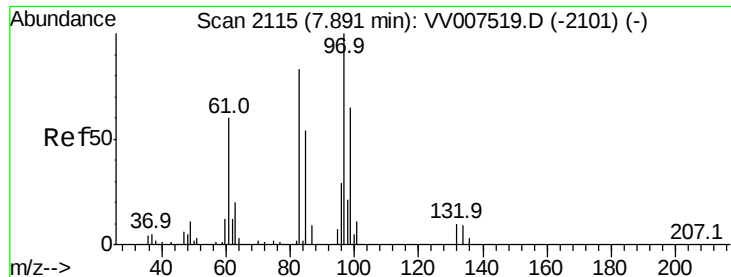
77 19.7 23.4 43.4#



Abundance Ion 75.05 (74.75 to 75.75): VV007519.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV007519.D (-2038) (-)





#45

1,1,2-Trichloroethane

Concen: 210.003 ug/L

RT: 7.91 min Scan# 2121

Delta R.T. 0.02 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 1123462

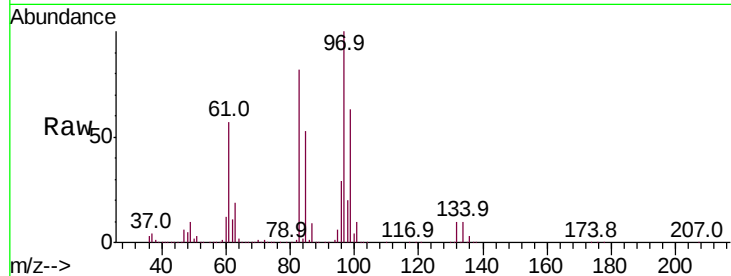
Ion Ratio Lower Upper

97 100

99 63.0 42.9 79.7

83 81.8 58.1 107.9

85 53.5 38.3 71.1

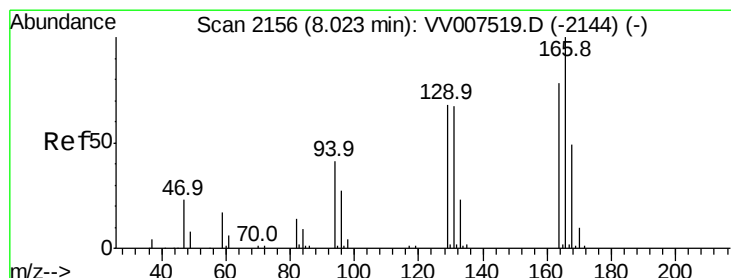
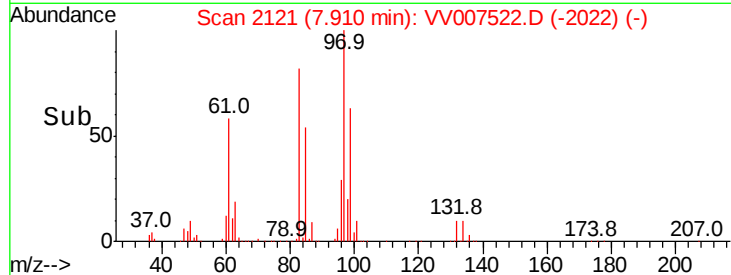
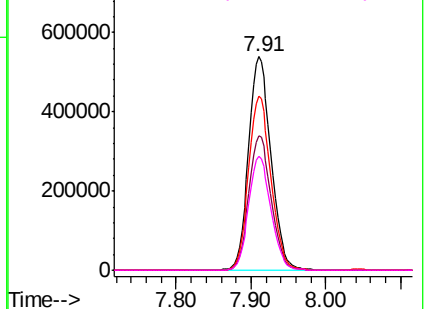


Abundance Ion 96.95 (96.65 to 97.65): VV007519.D (-2101) (-)

Ion 99.05 (98.75 to 99.75): VV007519.D (-2101) (-)

Ion 82.95 (82.65 to 83.65): VV007519.D (-2101) (-)

Ion 85.00 (84.70 to 85.70): VV007519.D (-2101) (-)



#47

Tetrachloroethene

Concen: 27.065 ug/L

RT: 8.05 min Scan# 2163

Delta R.T. 0.02 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Tgt Ion:164 Resp: 216693

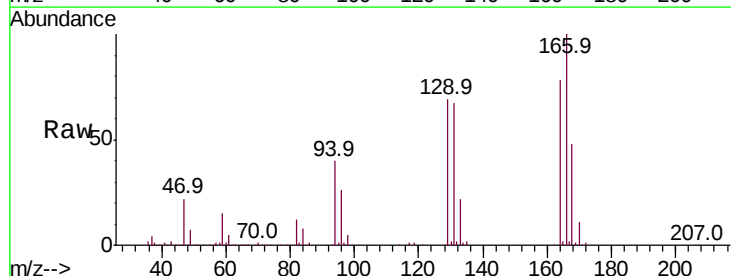
Ion Ratio Lower Upper

164 100

129 88.5 61.9 115.1

131 85.2 62.1 115.3

166 127.6 90.4 167.8

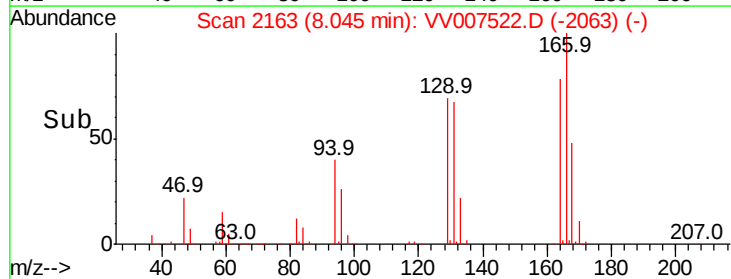
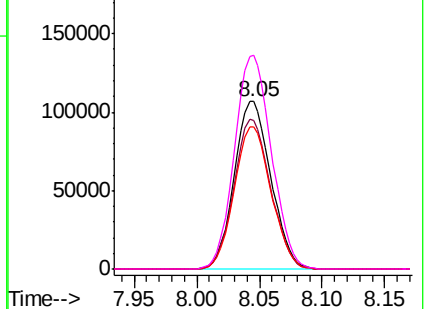


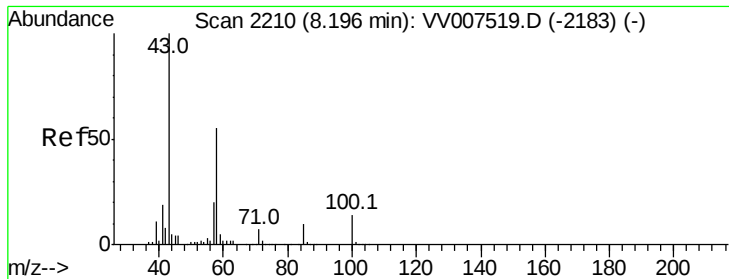
Abundance Ion 163.90 (163.60 to 164.60): VV007519.D (-2144) (-)

Ion 128.95 (128.65 to 129.65): VV007519.D (-2144) (-)

Ion 130.95 (130.65 to 131.65): VV007519.D (-2144) (-)

Ion 165.90 (165.60 to 166.60): VV007519.D (-2144) (-)

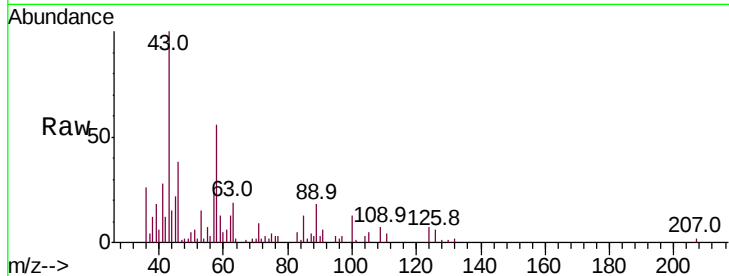




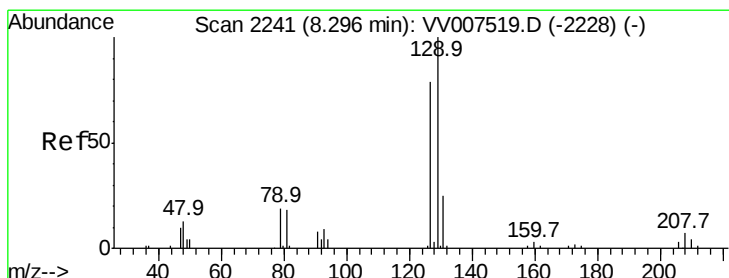
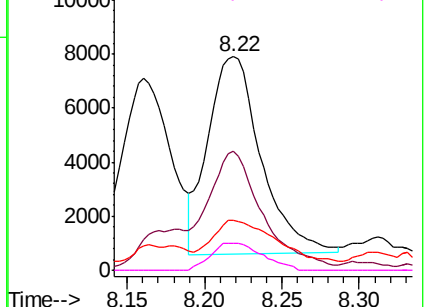
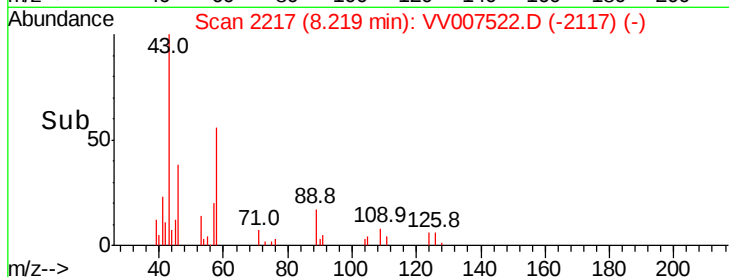
#48
2-Hexanone
Concen: 5.843 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. 0.02 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	17547
Ion	Ratio	Lower	Upper
43	100		
58	59.6	49.8	74.6
57	23.1	18.2	27.4
100	13.3	11.0	16.4

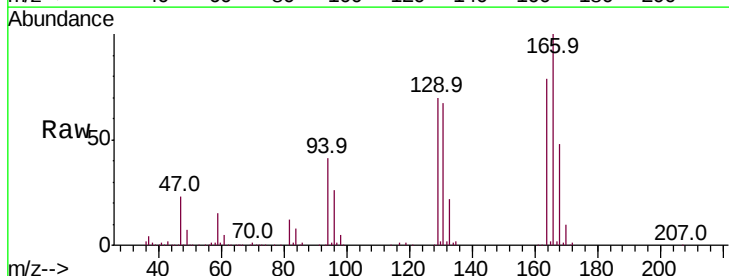


Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-2183) (-)
Ion 58.05 (57.75 to 58.75): VV007519.D (-2183) (-)
Ion 57.20 (56.90 to 57.90): VV007519.D (-2183) (-)
Ion 100.15 (99.85 to 100.85): VV007519.D (-2183) (-)

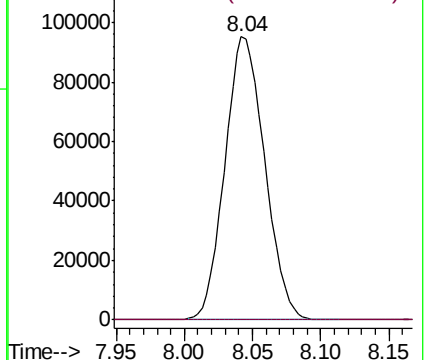
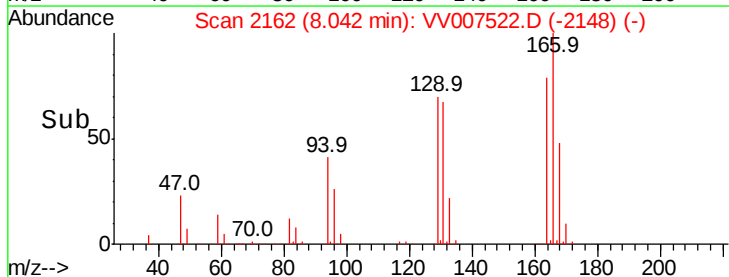


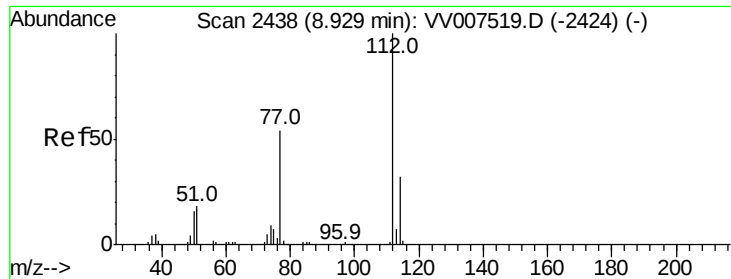
#49
Dibromochloromethane
Concen: 25.344 ug/L
RT: 8.04 min Scan# 2162
Delta R.T. -0.25 min
Lab File: VV007522.D
Acq: 13 Sep 2018 21:04

Tgt Ion:	129	Resp:	192988
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	100.0#



Abundance Ion 128.95 (128.65 to 129.65): VV007519.D (-2228) (-)
Ion 126.90 (126.60 to 127.60): VV007519.D (-2228) (-)





#51

Chlorobenzene

Concen: 0.245 ug/L

RT: 8.95 min Scan# 2443

Delta R.T. 0.02 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :
MSVOA_V
ClientSampleId :

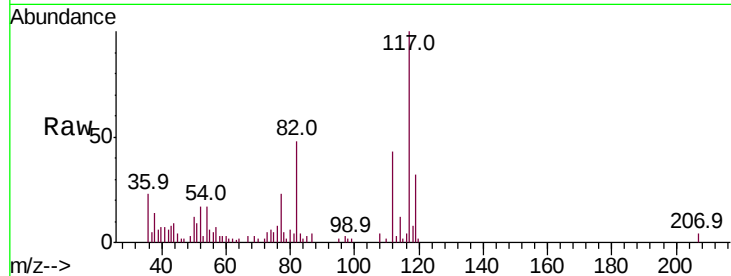
Tot Ion:112 Resp: 5527

Ion Ratio Lower Upper

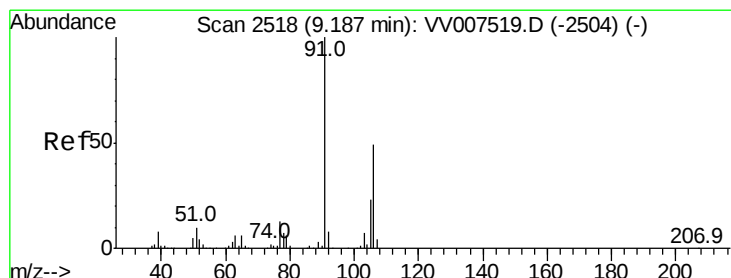
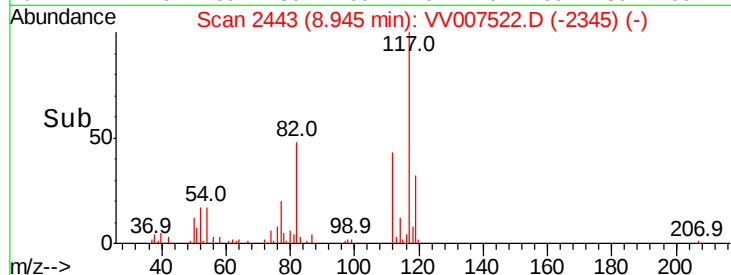
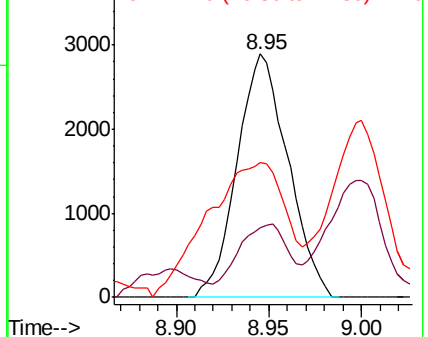
112 100

114 28.4 22.8 42.4

77 55.2 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



#53

m,p-xylene

Concen: 563.443 ug/L

RT: 9.08 min Scan# 2486

Delta R.T. -0.10 min

Lab File: VV007522.D

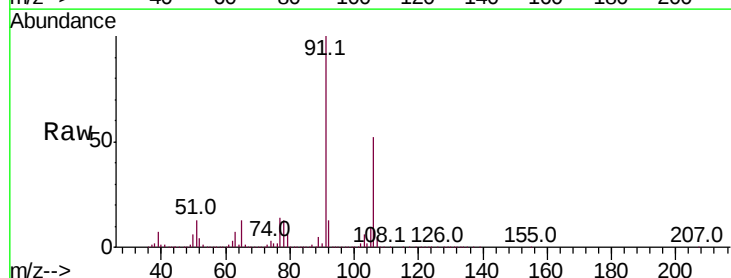
Acq: 13 Sep 2018 21:04

Tgt Ion:106 Resp: 8258597

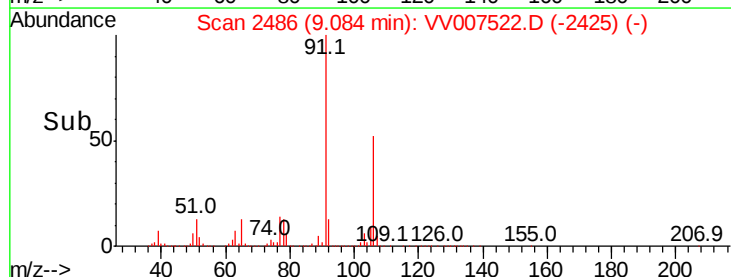
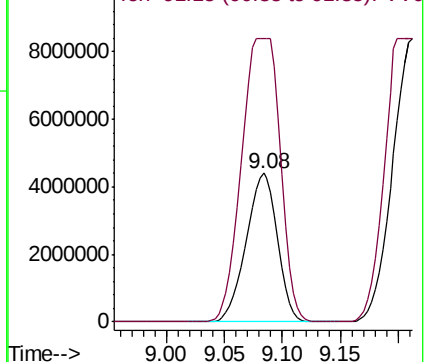
Ion Ratio Lower Upper

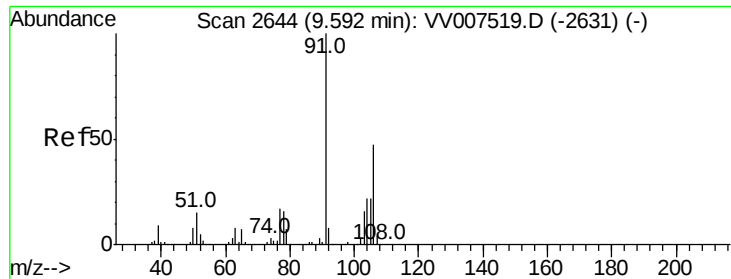
106 100

91 190.5 137.2 254.8



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





#54

o-xylene

Concen: 885.591 ug/L

RT: 9.62 min Scan# 2652

Delta R.T. 0.03 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

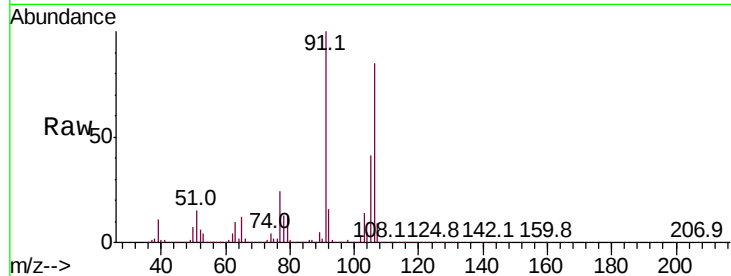
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp:12711628

Ion Ratio Lower Upper

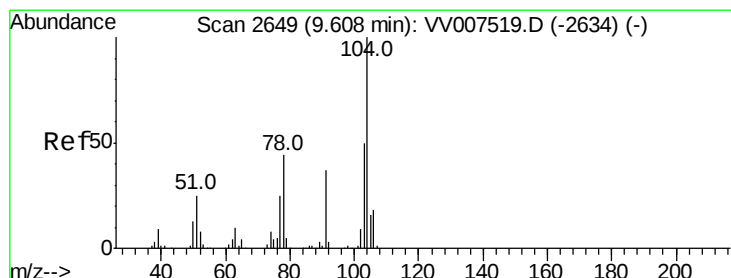
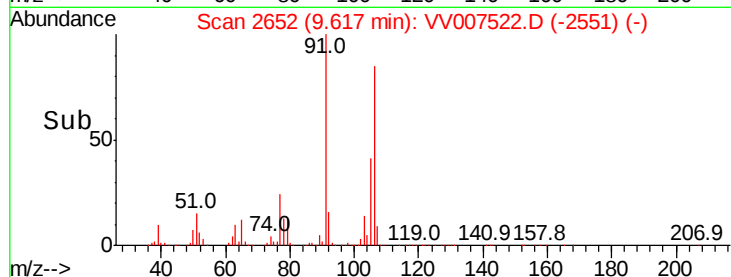
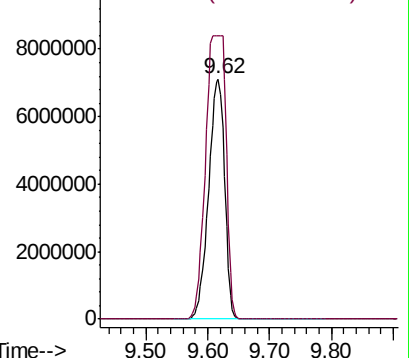
106 100

91 117.8 147.6 274.0#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 29.968 ug/L

RT: 9.62 min Scan# 2652

Delta R.T. 0.01 min

Lab File: VV007522.D

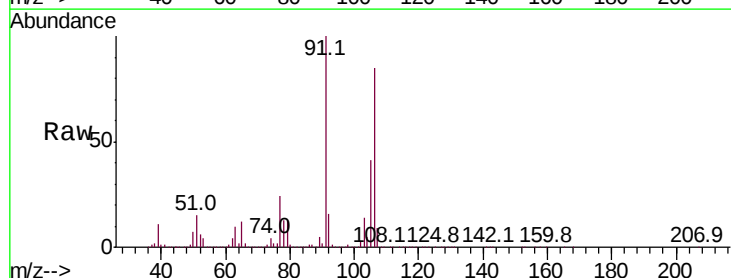
Acq: 13 Sep 2018 21:04

Tgt Ion:104 Resp: 700727

Ion Ratio Lower Upper

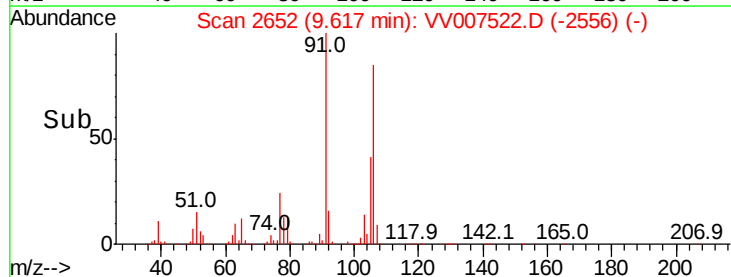
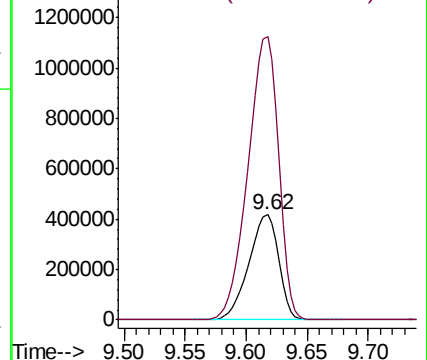
104 100

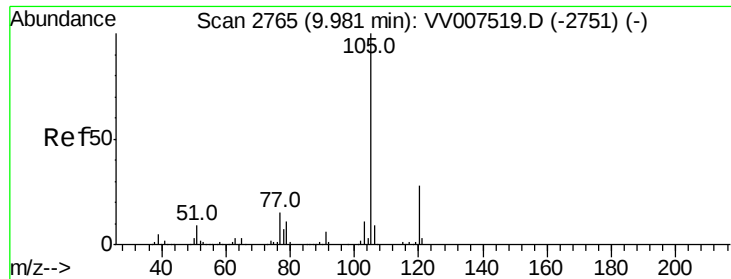
78 269.8 29.5 54.7#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 50.427 ug/L

RT: 9.99 min Scan# 2767

Delta R.T. 0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :

MSVOA_V

ClientSampleId :

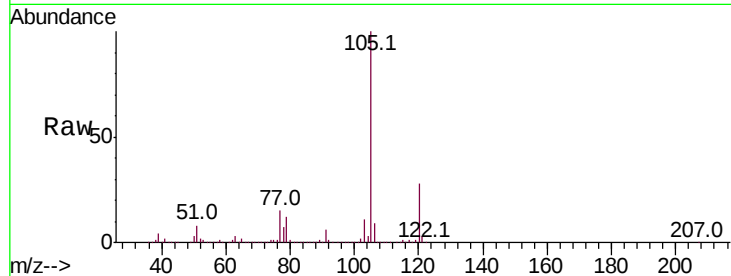
Tot Ion:105 Resp: 1965316

Ion Ratio Lower Upper

105 100

120 27.9 22.2 33.2

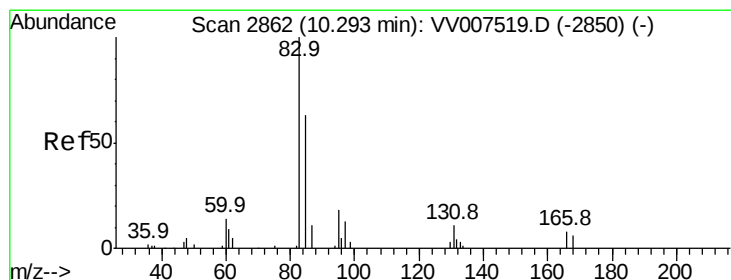
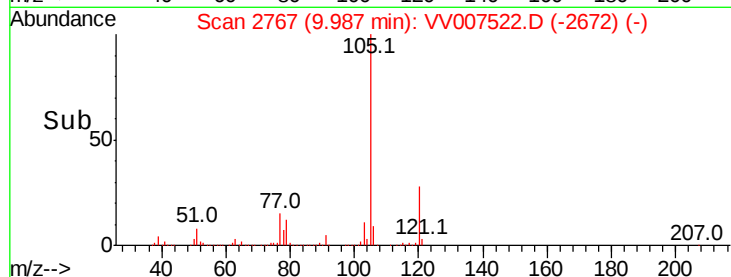
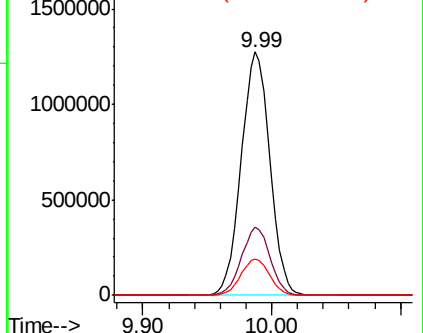
77 14.9 12.2 18.4



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: 4.027 ug/L

RT: 10.30 min Scan# 2864

Delta R.T. 0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

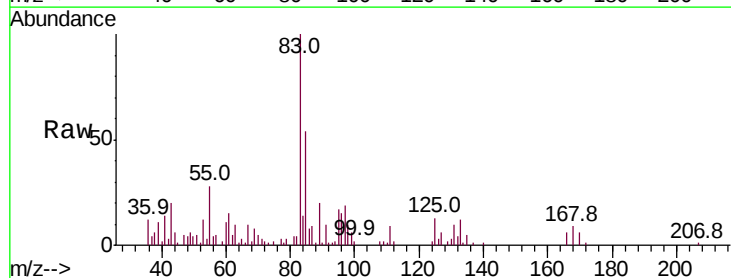
Tgt Ion: 83 Resp: 21100

Ion Ratio Lower Upper

83 100

85 54.0 43.6 81.0

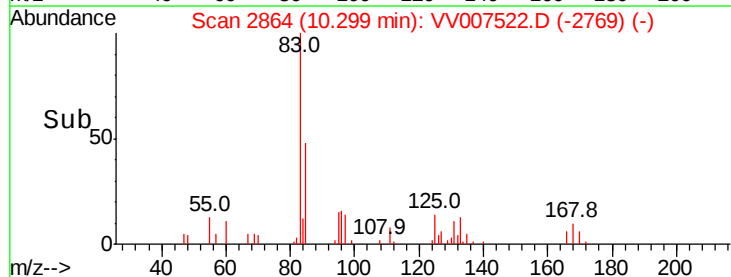
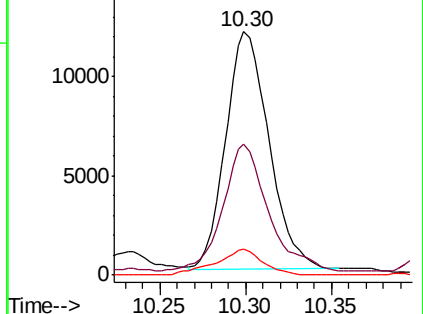
131 10.5 9.2 13.8

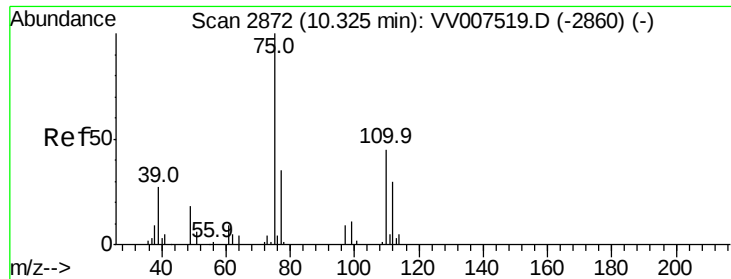


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.386 ug/L

RT: 10.33 min Scan# 2874

Delta R.T. 0.01 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

Instrument :

MSVOA_V

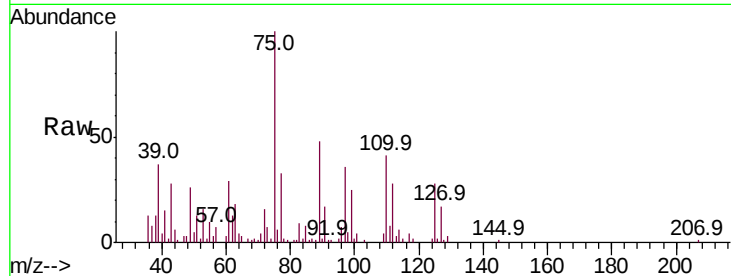
ClientSampleId :

Tot Ion: 75 Resp: 23593

Ion Ratio Lower Upper

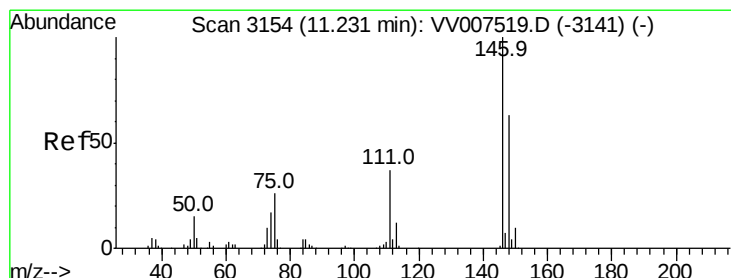
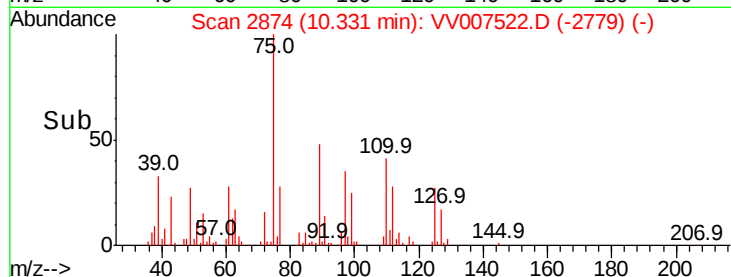
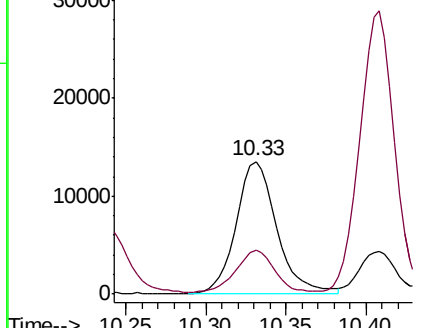
75 100

77 28.7 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV007519.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007519.D (-2860) (-)



#62

1,3-Dichlorobenzene

Concen: 0.233 ug/L

RT: 11.23 min Scan# 3155

Delta R.T. 0.00 min

Lab File: VV007522.D

Acq: 13 Sep 2018 21:04

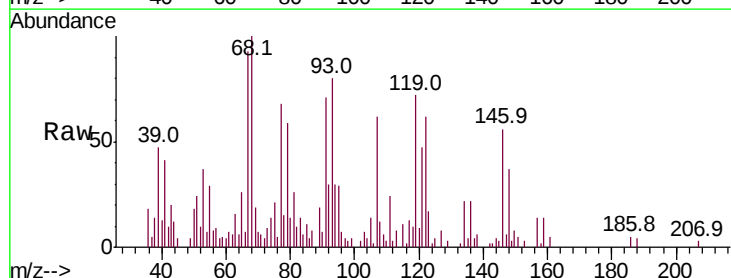
Tgt Ion: 146 Resp: 5239

Ion Ratio Lower Upper

146 100

111 43.5 25.3 47.1

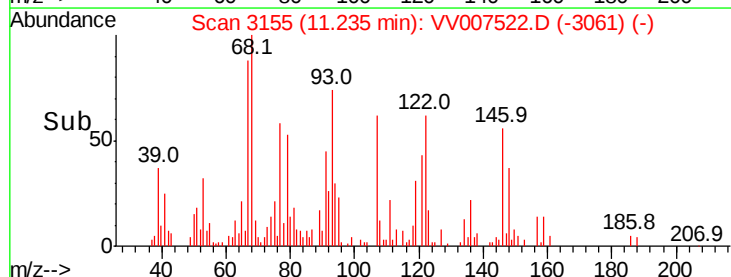
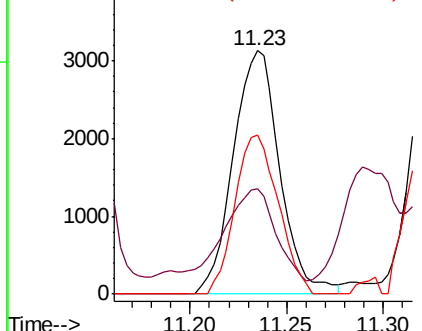
148 65.4 44.6 82.8

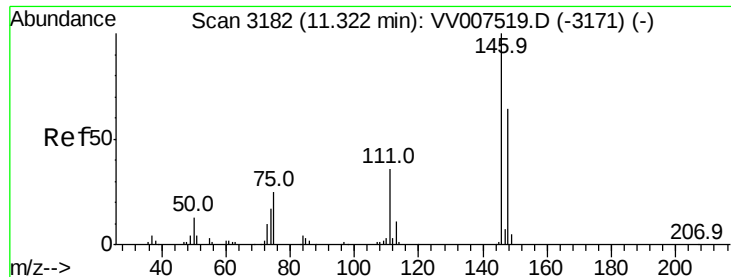


Abundance Ion 145.95 (145.65 to 146.65): VV007519.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV007519.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV007519.D (-3141) (-)

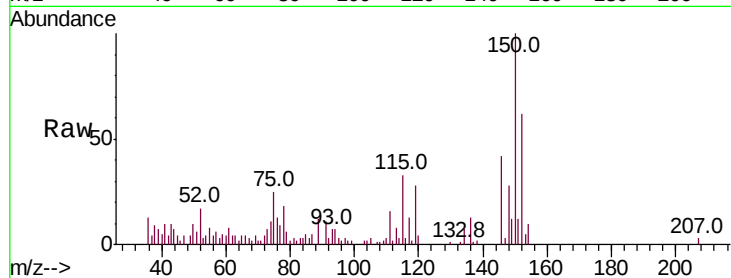




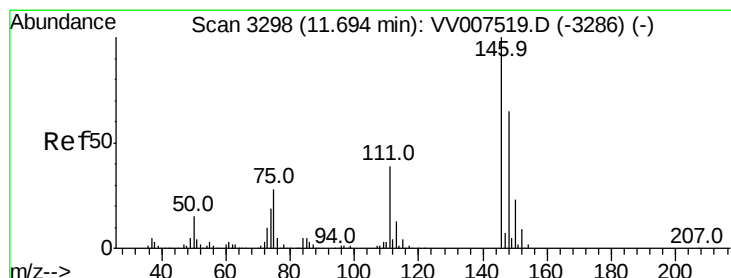
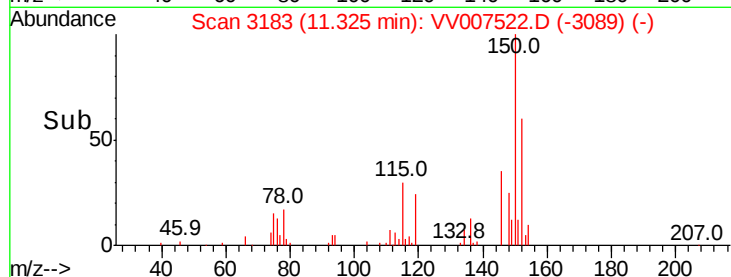
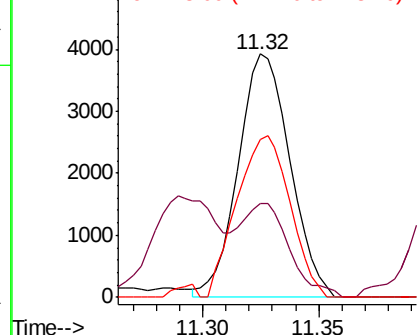
#63
 1,4-Dichlorobenzene
 Concen: 0.272 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:146 Resp: 6097
 Ion Ratio Lower Upper
 146 100
 111 38.5 24.5 45.5
 148 65.1 45.1 83.9

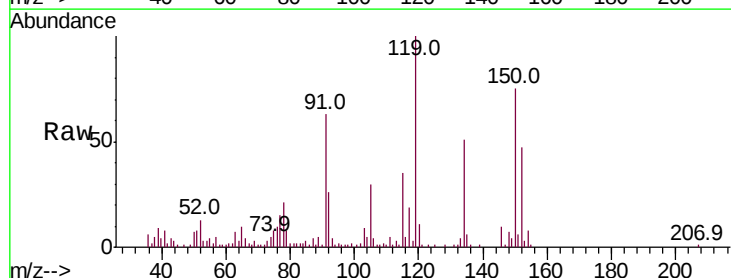


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

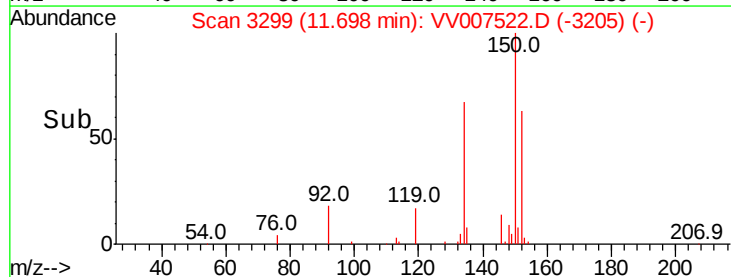
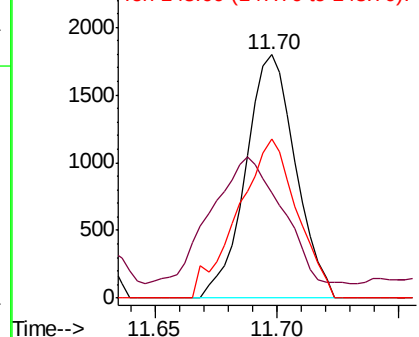


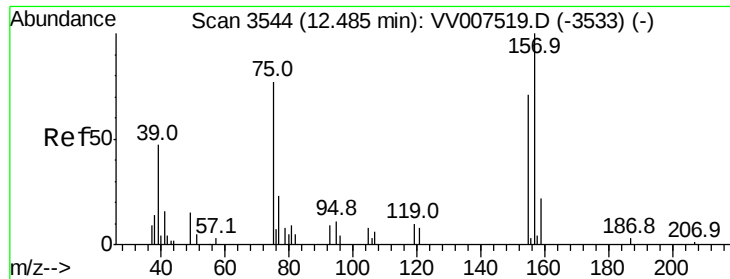
#65
 1,2-Dichlorobenzene
 Concen: 0.122 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

Tgt Ion:146 Resp: 2543
 Ion Ratio Lower Upper
 146 100
 111 43.3 32.7 49.1
 148 65.2 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

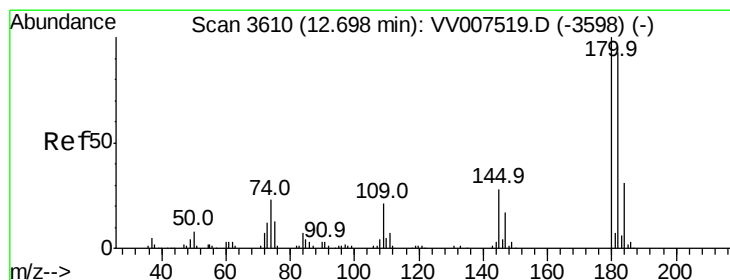
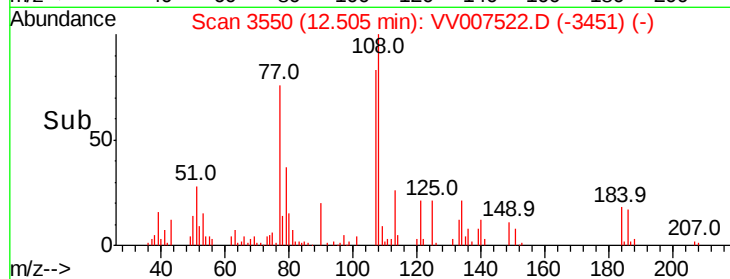
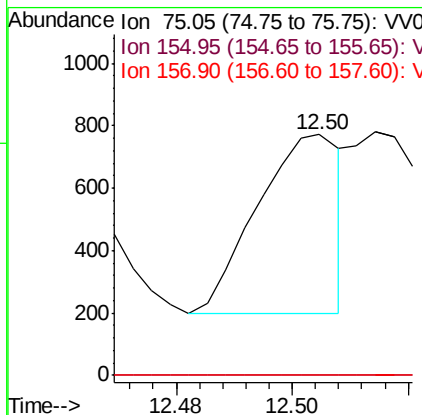
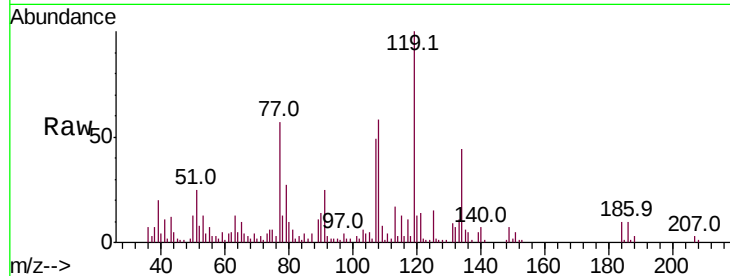




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.534 ug/L
 RT: 12.50 min Scan# 3550
 Delta R.T. 0.02 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

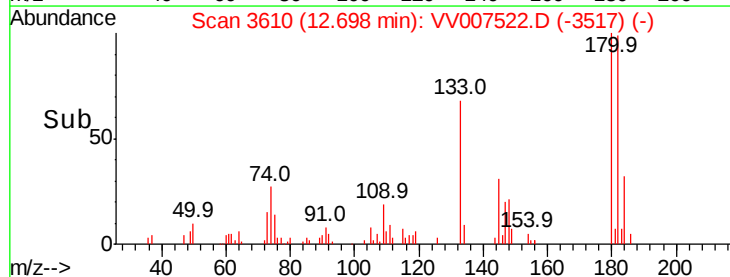
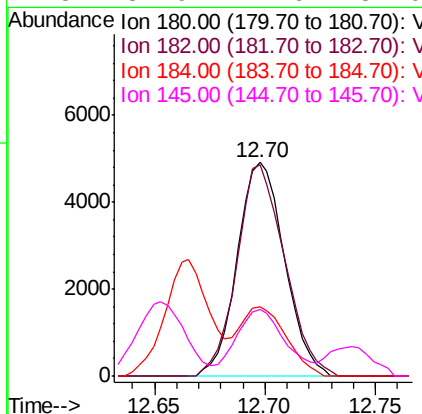
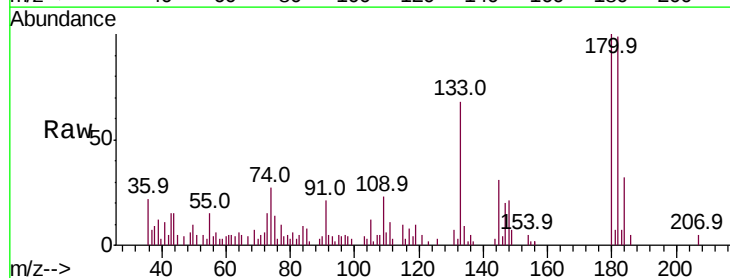
Instrument :
 MSVOA_V
 ClientSampled :

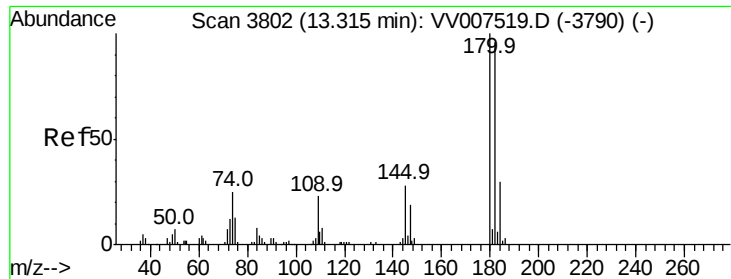
Tot Ion: 75 Resp: 574
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.6 111.8#
 157 0.0 97.4 146.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.418 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

Tgt Ion:180 Resp: 7316
 Ion Ratio Lower Upper
 180 100
 182 100.1 76.1 114.1
 184 33.0 24.0 36.0
 145 32.9 22.6 34.0

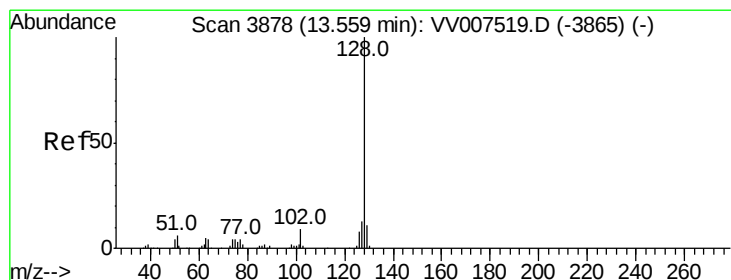
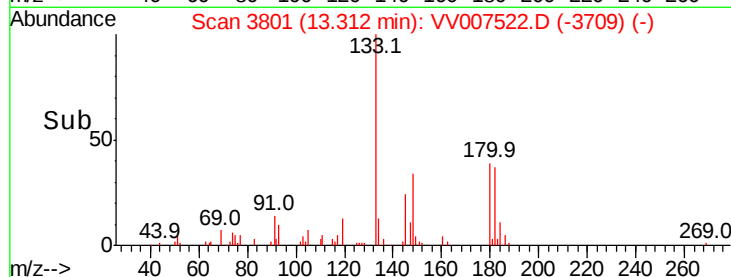
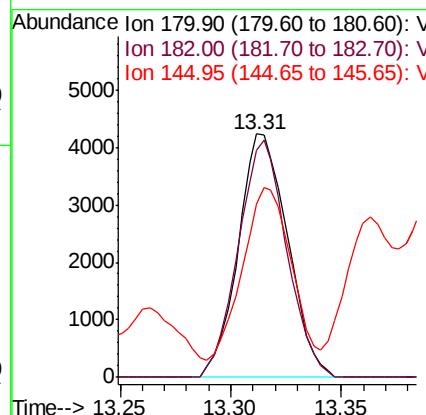
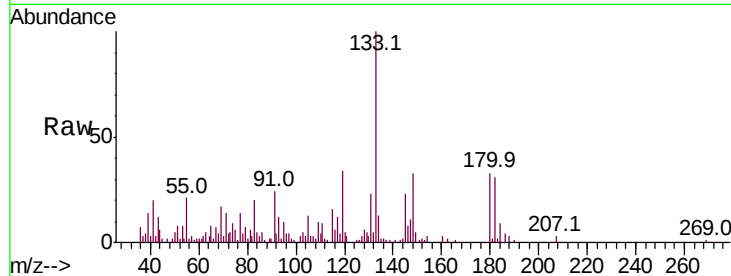




#68
 1,2,4-trichlorobenzene
 Concen: 0.522 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

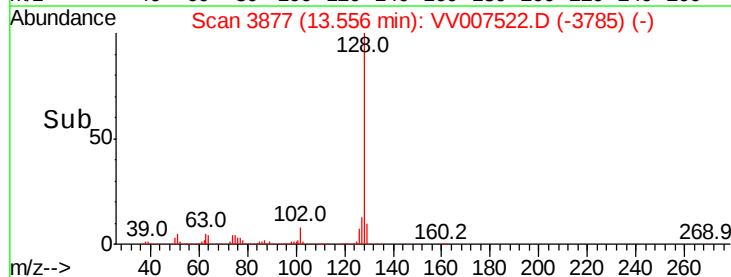
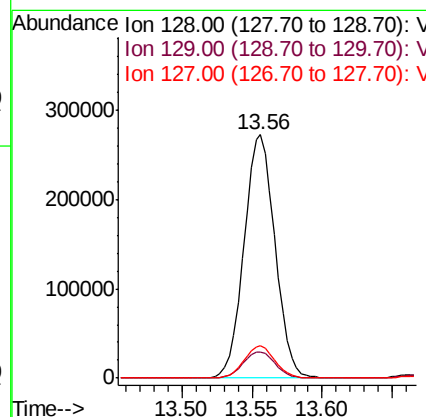
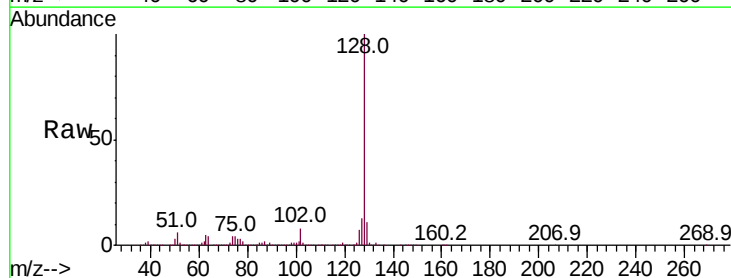
Instrument :
 MSVOA_V
 ClientSampled :

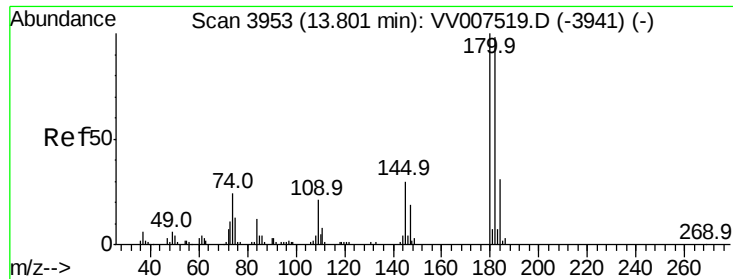
Tot Ion:180 Resp: 6581
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.8 116.8
 145 67.8 22.5 33.7#



#69
 Naphthalene
 Concen: 27.504 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. -0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

Tgt Ion:128 Resp: 419870
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.5 12.7
 127 13.3 10.5 15.7

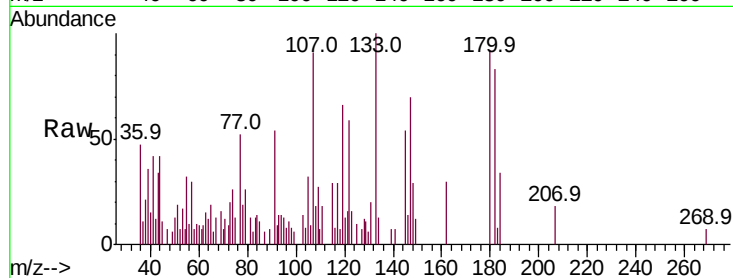




#70
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV007522.D
 Acq: 13 Sep 2018 21:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
145	453.9	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

