

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008274.D
 Acq On : 15 Oct 2018 13:22
 Operator : SY/MD
 Sample : I.BLK
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 04:42:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 04:38:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	102780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41201	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31246	4.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	23684	4.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	43317	3.17	ug/L	0.00
20) 2-Butanone-d5	3.98	46	111058	60.73	ug/L	0.00
24) Chloroform-d	4.41	84	68928	4.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	36386	4.94	ug/L	0.00
32) Benzene-d6	5.10	84	150769	5.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	49970	5.71	ug/L	0.00
41) Toluene-d8	7.36	98	134650	5.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	19671	6.33	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	65903	54.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30895	5.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	38272	4.84	ug/L	0.00

Target Compounds

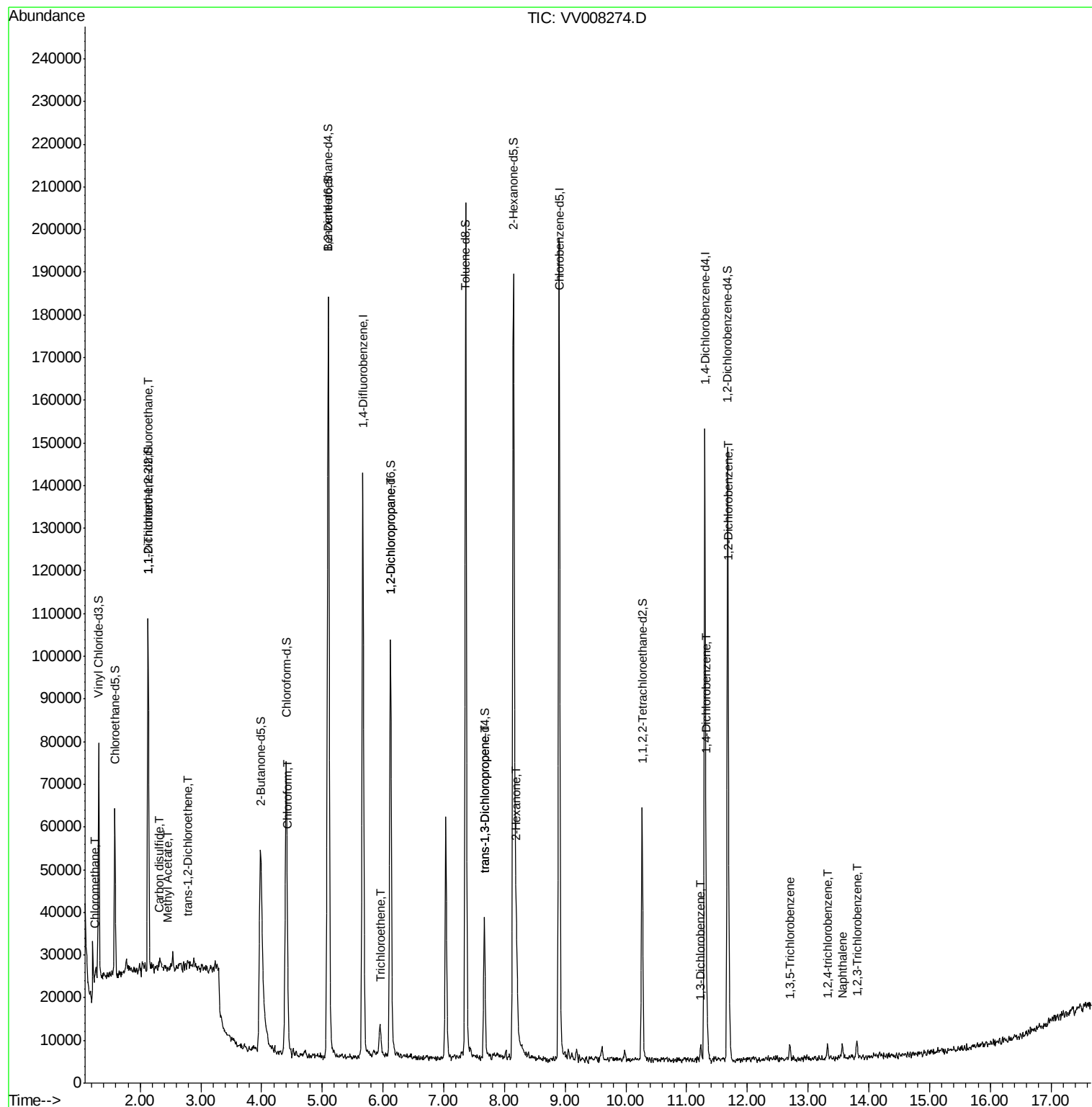
					Qvalue
3) Chloromethane	1.25	50	706	0.100 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	756	0.105 ug/L #	47
14) Carbon disulfide	2.32	76	2464	0.149 ug/L #	68
15) Methyl Acetate	2.45	43	399	0.145 ug/L #	85
18) trans-1,2-Dichloroethene	2.79	96	649	0.097 ug/L #	54
25) Chloroform	4.43	83	1163	0.081 ug/L	96
34) Trichloroethene	5.96	95	666	0.083 ug/L	85
37) 1,2-Dichloropropane	6.12	63	5374	0.715 ug/L #	91
44) trans-1,3-Dichloropropene	7.67	75	977	0.123 ug/L #	45
48) 2-Hexanone	8.20	43	19968	6.617 ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	1370	0.108 ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	1555	0.122 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1161	0.095 ug/L #	78
67) 1,3,5-Trichlorobenzene	12.70	180	1051	0.103 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	1008	0.134 ug/L	92
69) Naphthalene	13.56	128	2999	0.289 ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	1301	0.181 ug/L	88

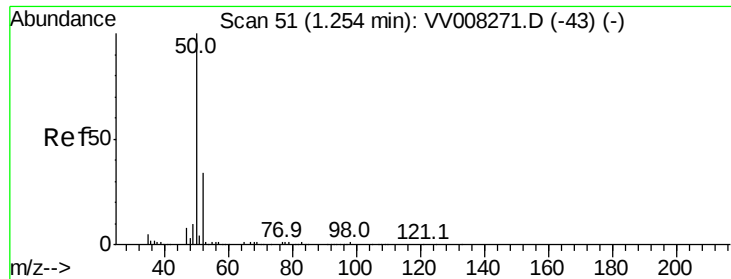
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101518\
Data File : VV008274.D
Acq On : 15 Oct 2018 13:22
Operator : SY/MD
Sample : I.BLK
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 16 04:42:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 16 04:38:02 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.01 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

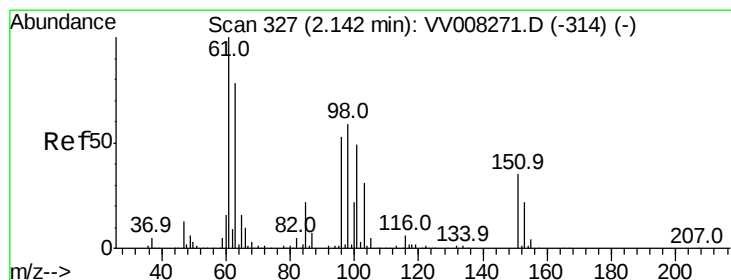
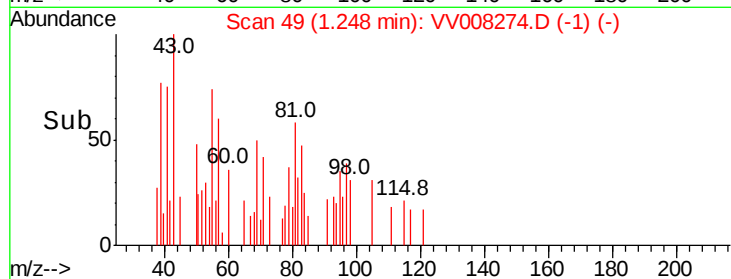
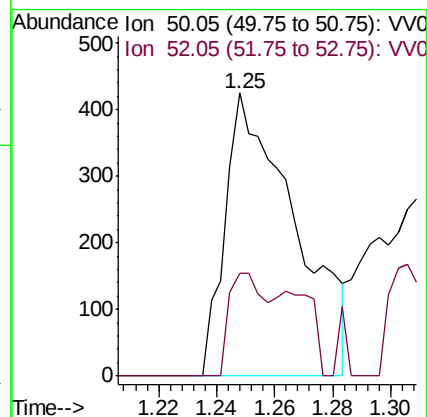
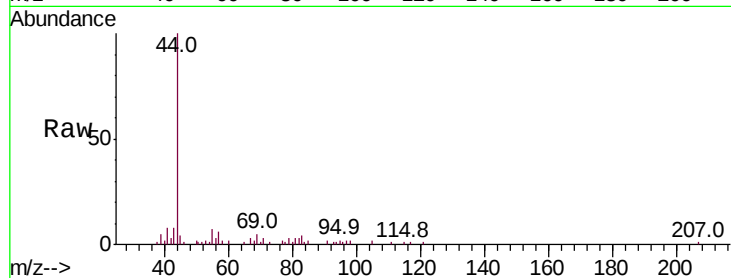
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 706

Ion Ratio Lower Upper

50 100

52 36.5 23.7 43.9



#10

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

Concen: 0.105 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

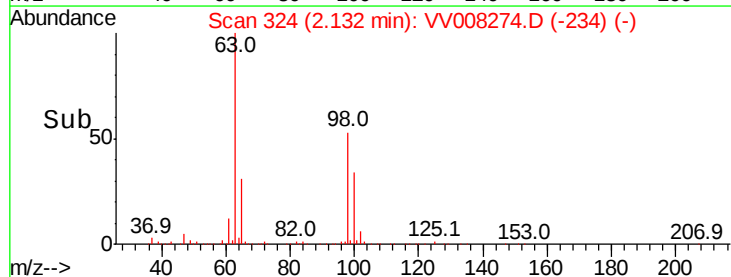
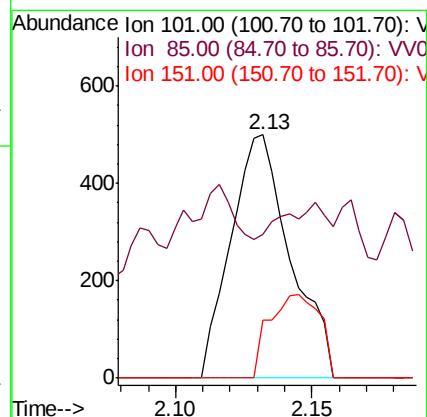
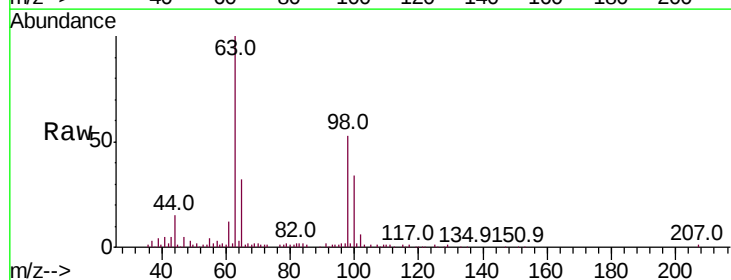
Tgt Ion: 101 Resp: 756

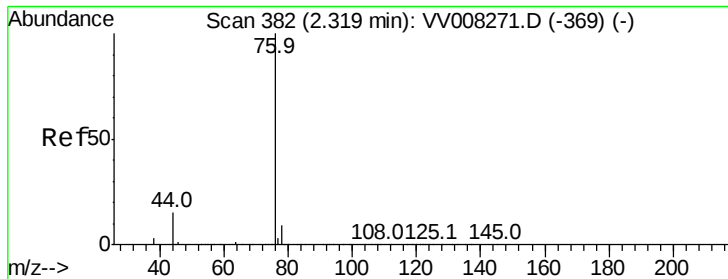
Ion Ratio Lower Upper

101 100

85 11.9 37.4 56.2#

151 29.1 59.0 88.6#





#14

Carbon disulfide

Concen: 0.149 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

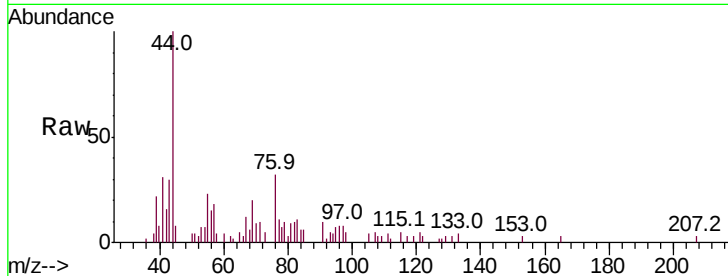
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 2464

Ion Ratio Lower Upper

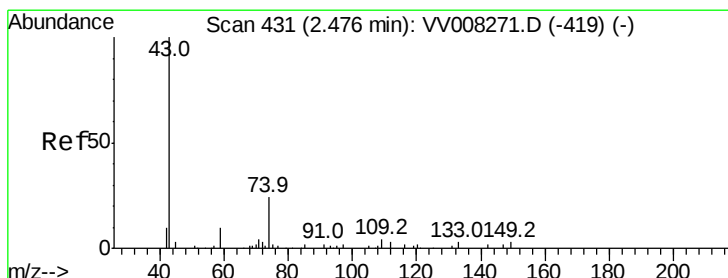
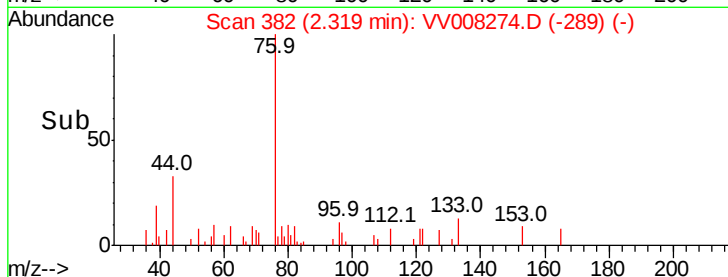
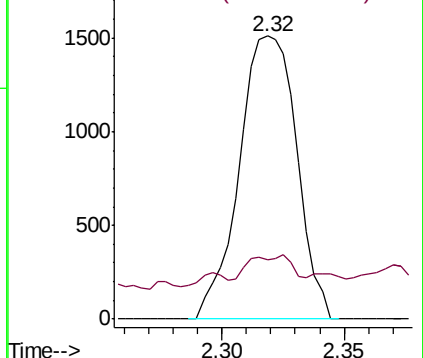
76 100

78 20.9 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.145 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.03 min

Lab File: VV008274.D

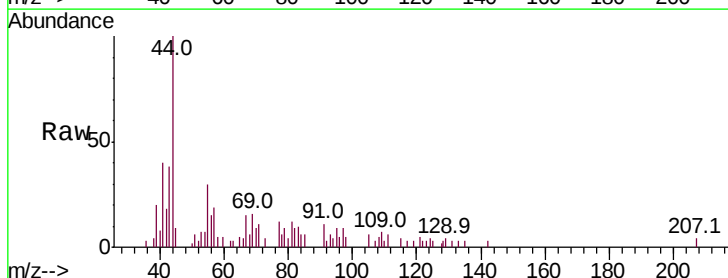
Acq: 15 Oct 2018 13:22

Tgt Ion: 43 Resp: 399

Ion Ratio Lower Upper

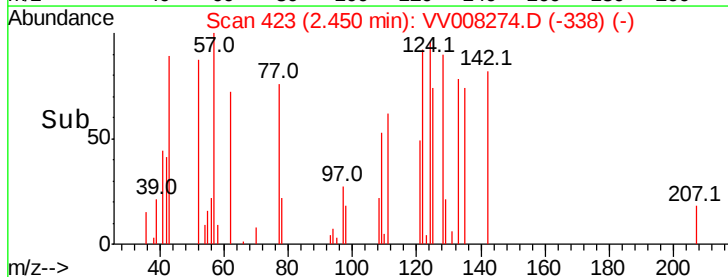
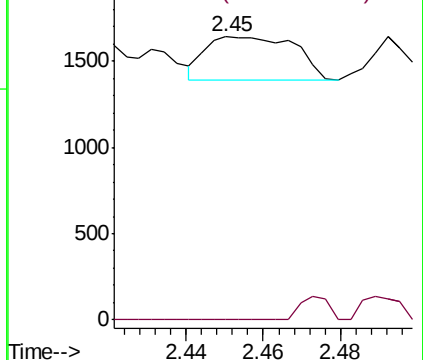
43 100

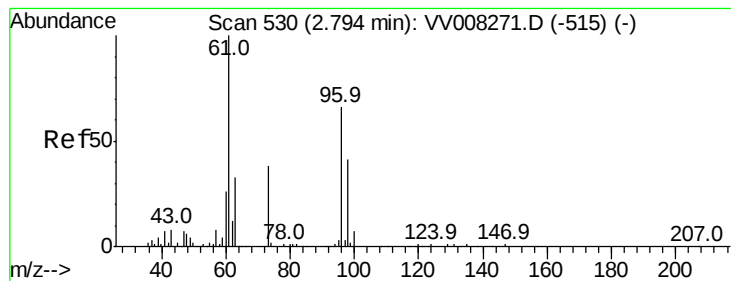
74 17.5 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

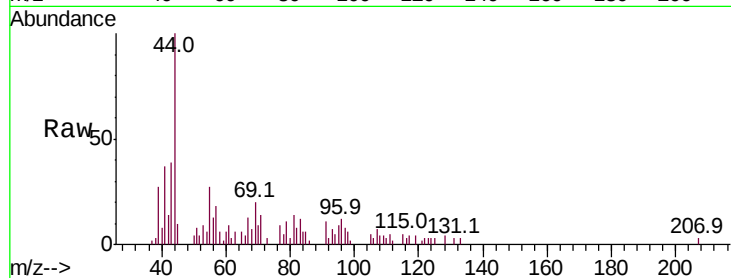
Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

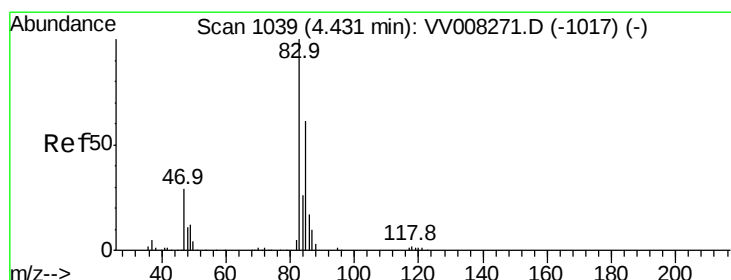
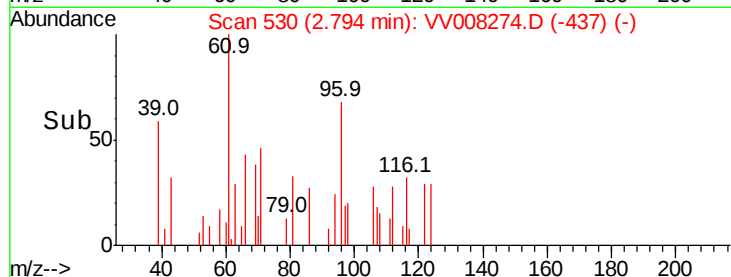
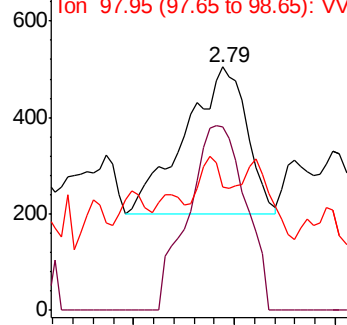
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 649

Ion	Ratio	Lower	Upper
96	100		
61	75.2	104.6	194.2#
98	50.7	44.1	81.9



Abundance Ion 96.00 (95.70 to 96.70): VV008274.D (-437) (-)



#25

Chloroform

Concen: 0.081 ug/L

RT: 4.43 min Scan# 1039

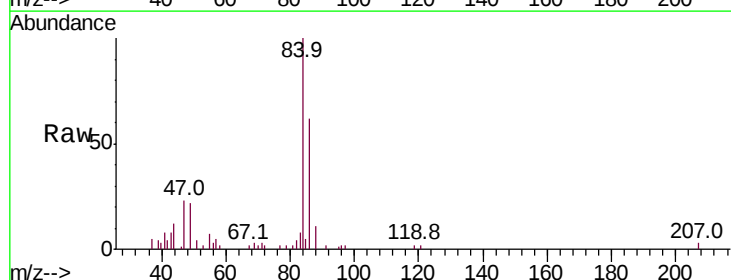
Delta R.T. 0.00 min

Lab File: VV008274.D

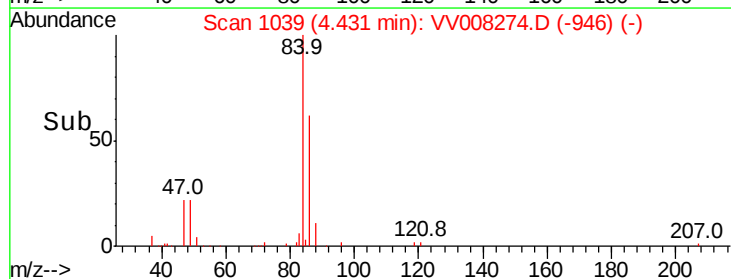
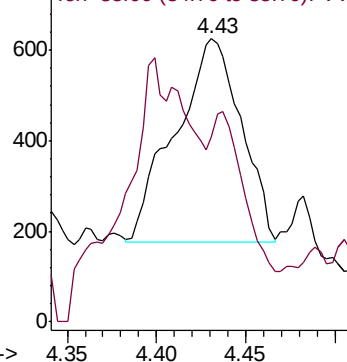
Acq: 15 Oct 2018 13:22

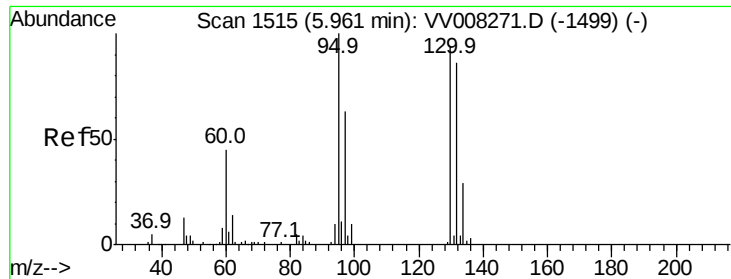
Tgt Ion: 83 Resp: 1163

Ion	Ratio	Lower	Upper
83	100		
85	65.3	43.4	80.6



Abundance Ion 83.05 (82.75 to 83.75): VV008274.D (-946) (-)





#34

Trichloroethene

Concen: 0.083 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 666

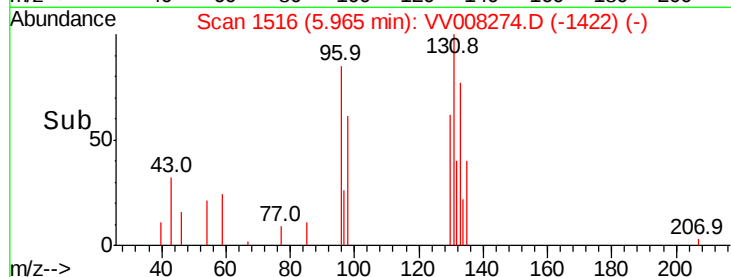
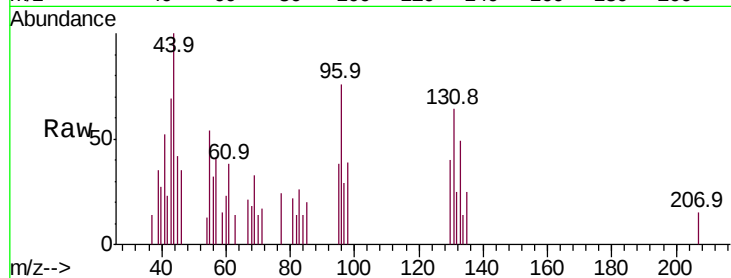
Ion Ratio Lower Upper

95 100

97 74.7 44.4 82.4

132 66.4 60.4 112.2

130 103.6 65.5 121.7

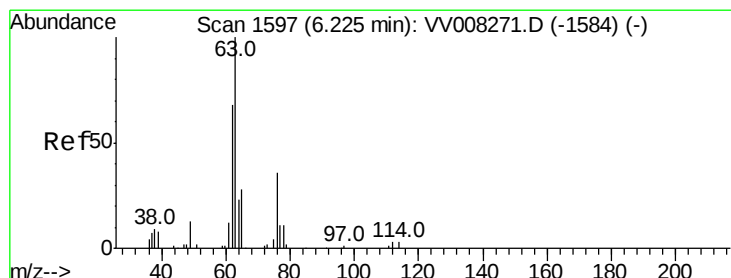
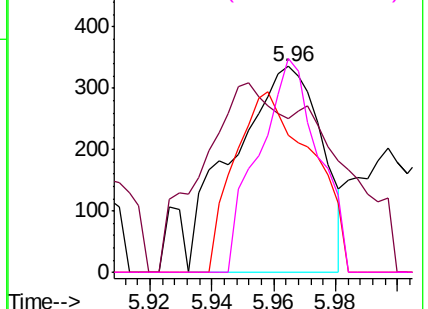


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 0.715 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008274.D

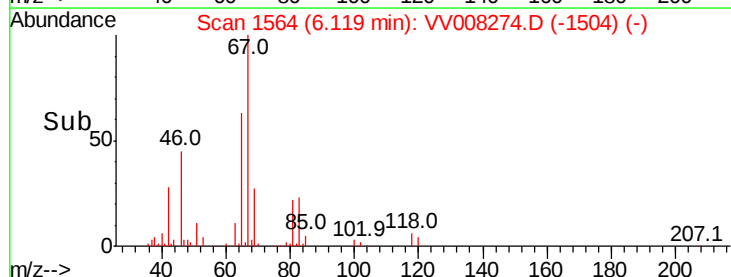
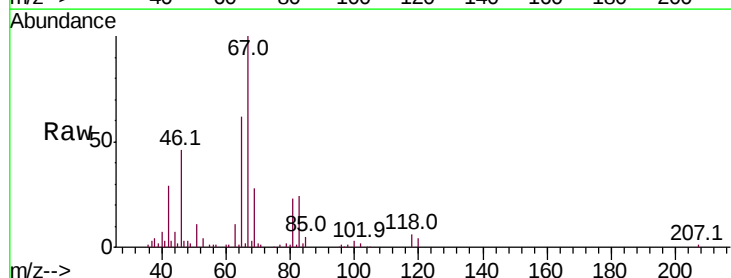
Acq: 15 Oct 2018 13:22

Tgt Ion: 63 Resp: 5374

Ion Ratio Lower Upper

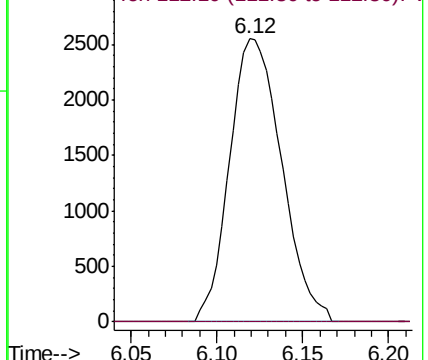
63 100

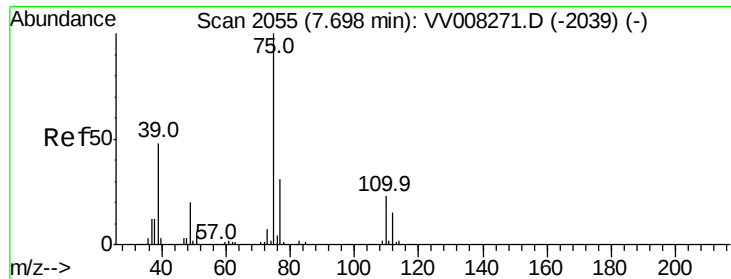
112 0.4 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Instrument :

MSVOA_V

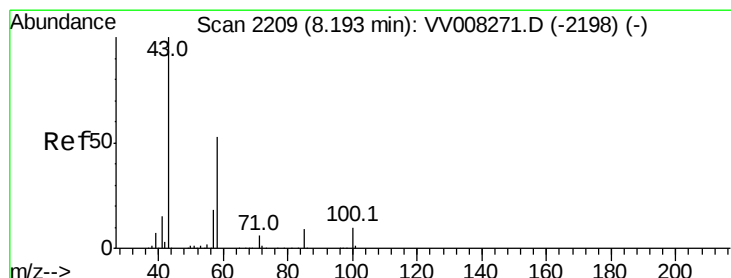
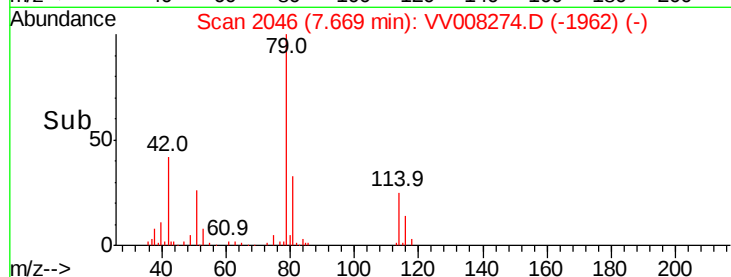
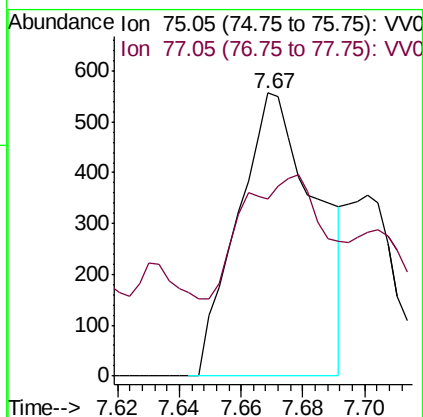
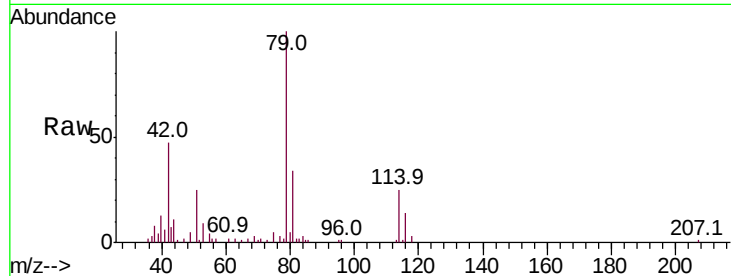
ClientSampleId :

Tot Ion: 75 Resp: 977

Ion Ratio Lower Upper

75 100

77 62.7 22.3 41.5#



#48

2-Hexanone

Concen: 6.617 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Tgt Ion: 43 Resp: 19968

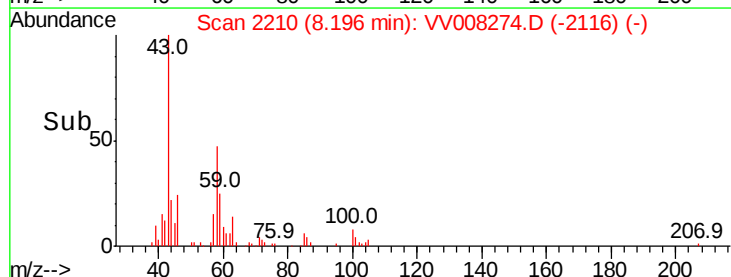
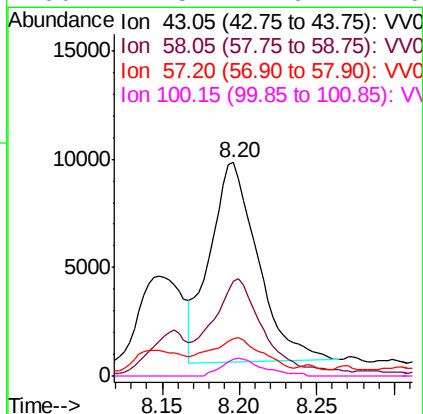
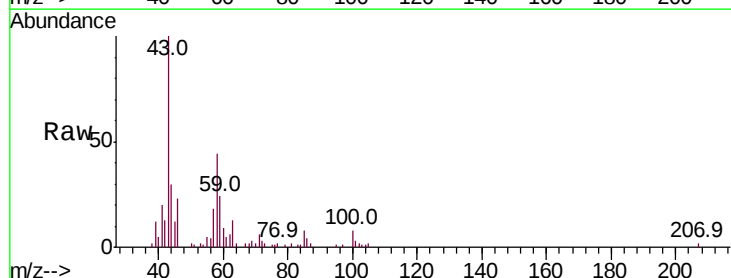
Ion Ratio Lower Upper

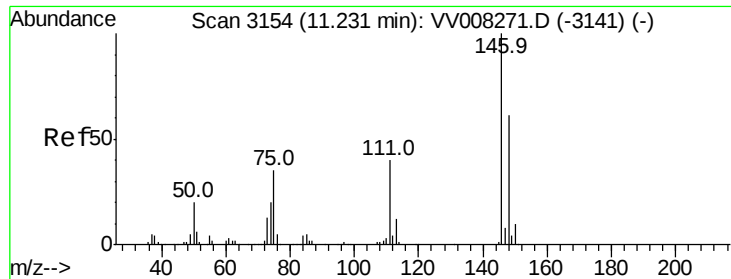
43 100

58 51.1 45.0 67.4

57 18.0 14.4 21.6

100 7.5 7.9 11.9#





#62

1,3-Dichlorobenzene

Concen: 0.108 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampled :

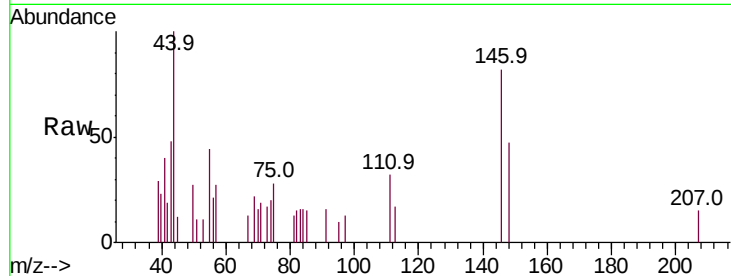
Tot Ion:146 Resp: 1370

Ion Ratio Lower Upper

146 100

111 38.7 28.0 52.0

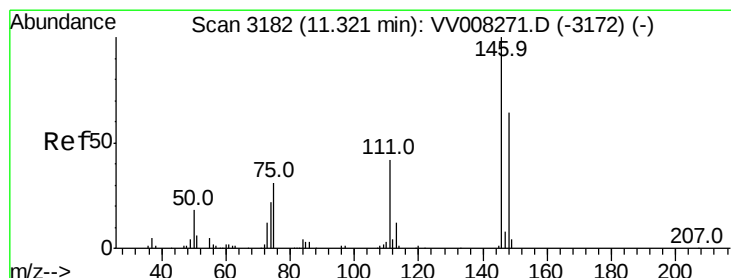
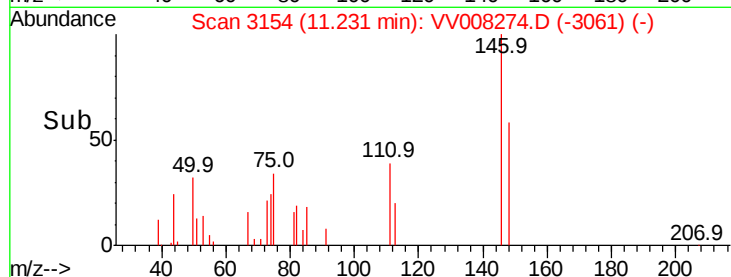
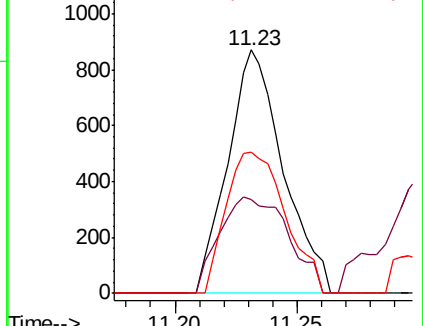
148 57.7 42.9 79.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.122 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

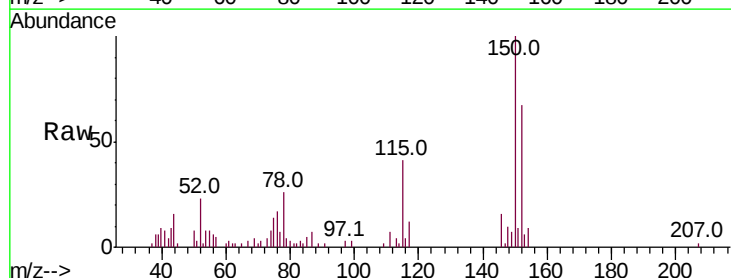
Tgt Ion:146 Resp: 1555

Ion Ratio Lower Upper

146 100

111 41.9 30.0 55.6

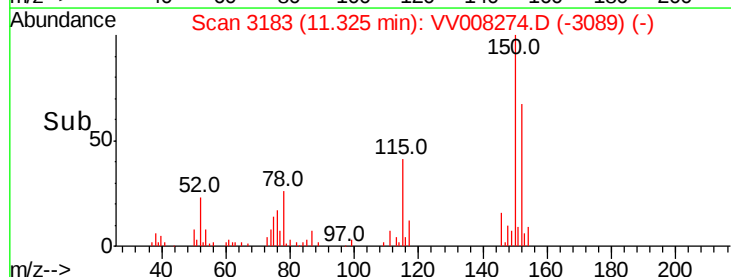
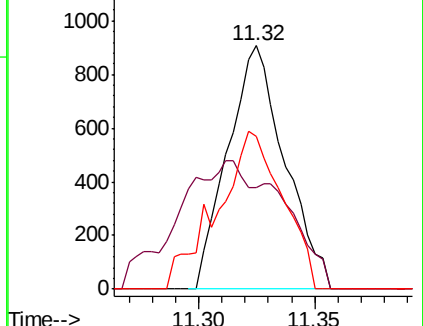
148 62.6 44.5 82.7

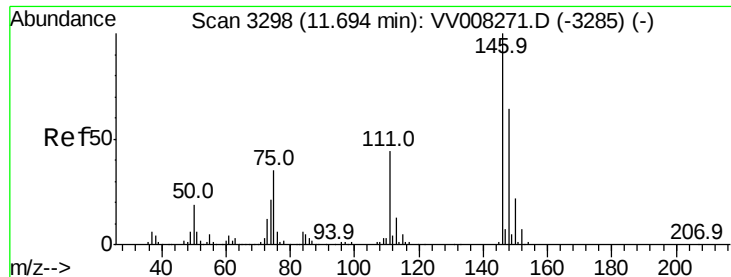


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.095 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampleId :

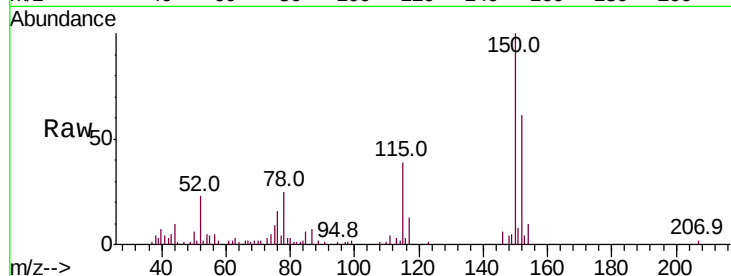
Tot Ion:146 Resp: 1161

Ion Ratio Lower Upper

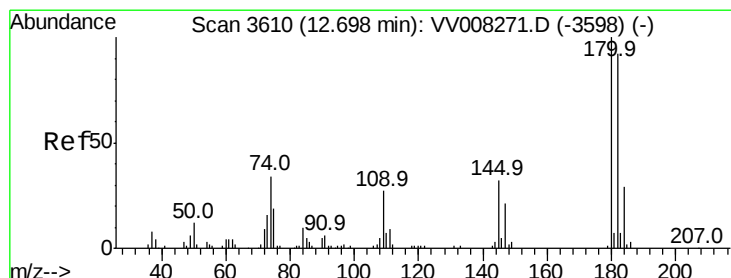
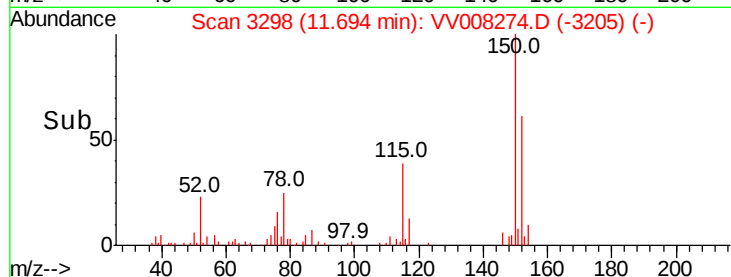
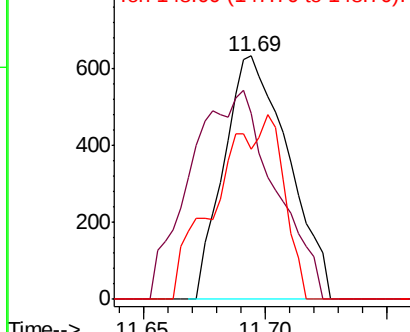
146 100

111 76.1 35.5 53.3#

148 61.9 51.5 77.3



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



#67

1,3,5-Trichlorobenzene

Concen: 0.103 ug/L

RT: 12.70 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Tgt Ion:180 Resp: 1051

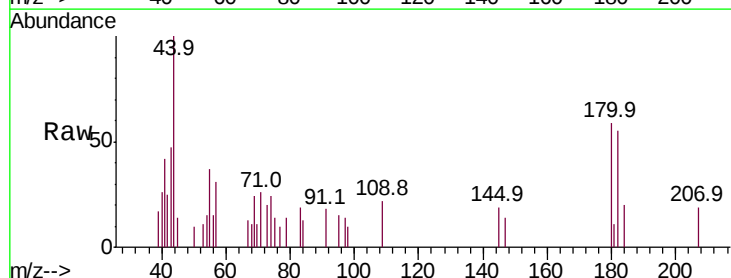
Ion Ratio Lower Upper

180 100

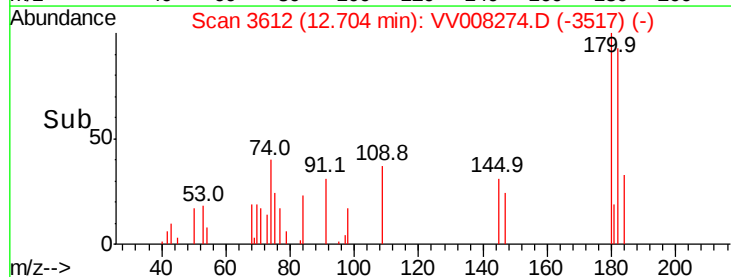
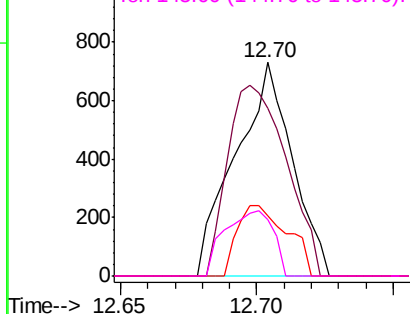
182 93.2 74.5 111.7

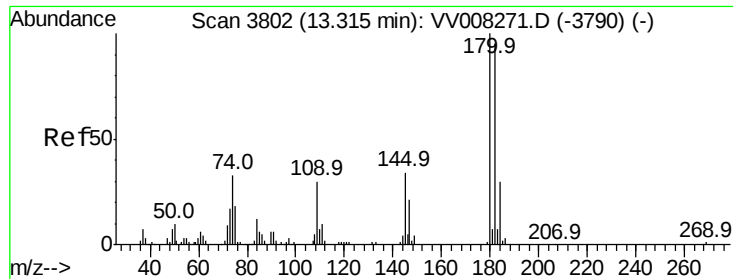
184 29.3 23.5 35.3

145 26.2 25.9 38.9



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

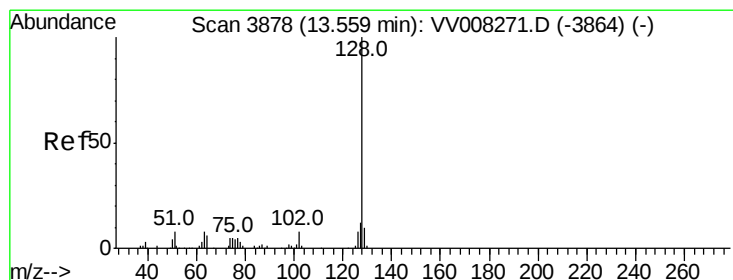
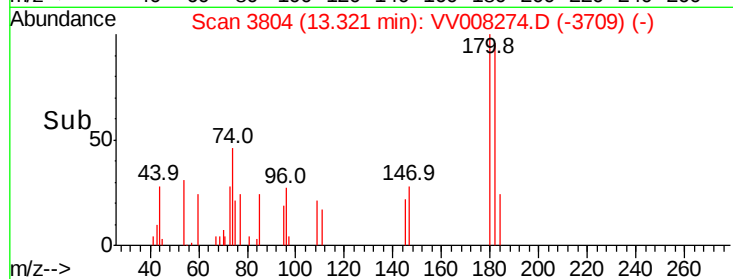
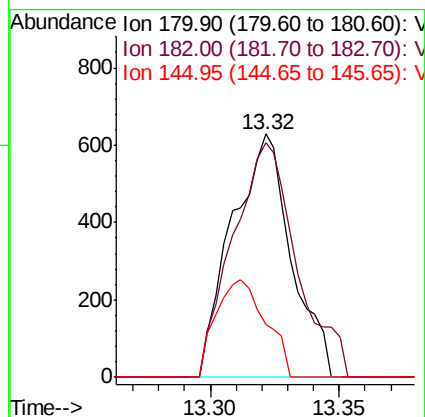
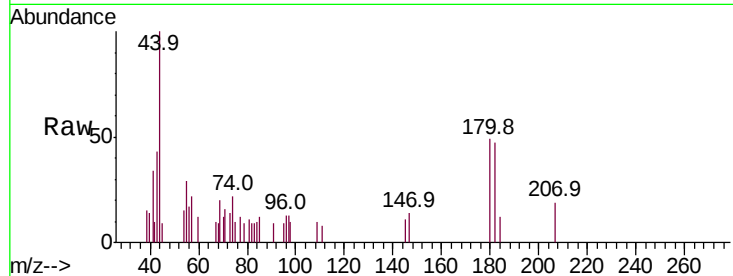




#68
 1,2,4-trichlorobenzene
 Concen: 0.134 ug/L
 RT: 13.32 min Scan# 3804
 Delta R.T. 0.01 min
 Lab File: VV008274.D
 Acq: 15 Oct 2018 13:22

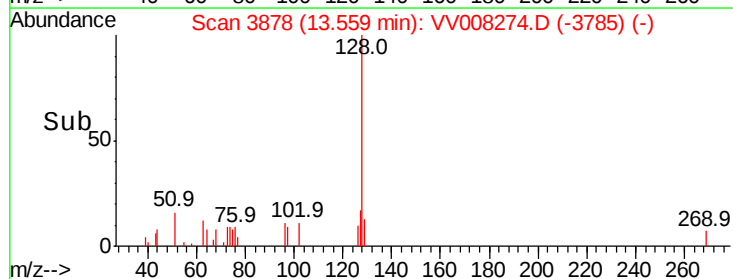
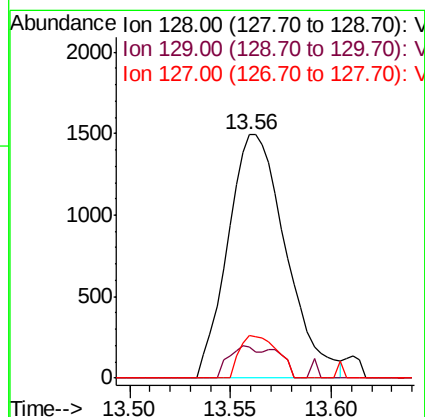
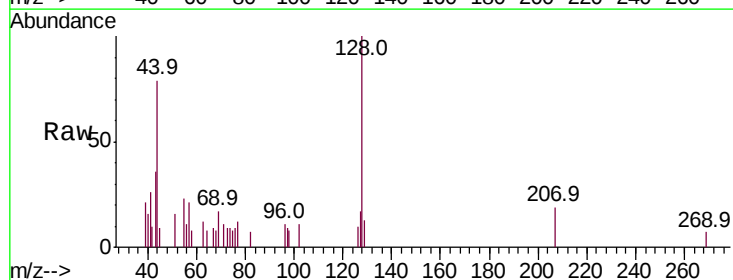
Instrument :
 MSVOA_V
 ClientSampleId :

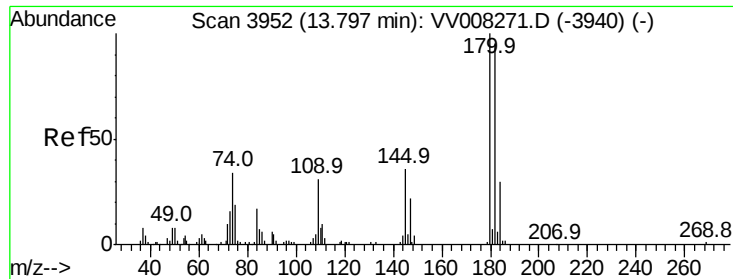
Tot Ion:180 Resp: 1008
 Ion Ratio Lower Upper
 180 100
 182 103.8 75.3 112.9
 145 33.4 26.1 39.1



#69
 Naphthalene
 Concen: 0.289 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VV008274.D
 Acq: 15 Oct 2018 13:22

Tgt Ion:128 Resp: 2999
 Ion Ratio Lower Upper
 128 100
 129 7.2 8.6 12.8#
 127 11.4 10.1 15.1





#70

1,2,3-Trichlorobenzene

Concen: 0.181 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.00 min

Lab File: VV008274.D

Acq: 15 Oct 2018 13:22

Instrument :

MSVOA_V

ClientSampleId :

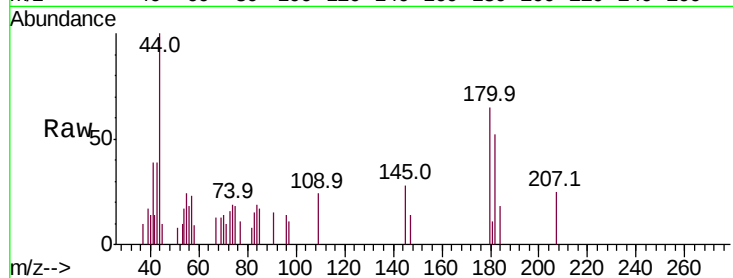
Tot Ion:180 Resp: 1301

Ion Ratio Lower Upper

180 100

182 81.6 75.8 113.8

145 39.4 28.3 42.5



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

