

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007269.D
 Acq On : 30 Aug 2018 17:54
 Operator : SY/MD
 Sample : VSTD0.568
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 01:35:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 01:32:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	343777	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	326680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	140590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15703	0.61	ug/L	0.00
7) Chloroethane-d5	1.58	69	13122	0.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28067	0.64	ug/L	0.00
20) 2-Butanone-d5	3.98	46	30203	5.04	ug/L	0.01
24) Chloroform-d	4.40	84	29662	0.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	14087	0.57	ug/L	0.00
32) Benzene-d6	5.10	84	54827	0.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18375	0.60	ug/L	0.00
41) Toluene-d8	7.36	98	45019	0.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5819	0.53	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	15908	5.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	12509	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	16434	0.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18297	0.688	ug/L 98
3) Chloromethane	1.25	50	17966	0.625	ug/L 93
5) Vinyl chloride	1.32	62	18352	0.665	ug/L 96
6) Bromomethane	1.54	94	9414	0.883	ug/L 100
8) Chloroethane	1.60	64	10285	0.621	ug/L 94
9) Trichlorofluoromethane	1.77	101	22748	0.603	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13906	0.593	ug/L 95
12) 1,1-Dichloroethene	2.14	96	13737	0.648	ug/L 88
13) Acetone	2.22	43	19599	6.467	ug/L 98
14) Carbon disulfide	2.32	76	46218	0.717	ug/L 98
15) Methyl Acetate	2.48	43	4465	0.555	ug/L 98
16) Methylene chloride	2.54	84	19572	0.768	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	29375	0.553	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	15171	0.643	ug/L 98
19) 1,1-Dichloroethane	3.23	63	25113	0.542	ug/L 96
21) 2-Butanone	4.06	43	29311	4.752	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	15363	0.572	ug/L 97
23) Bromochloromethane	4.30	128	6479	0.539	ug/L 98
25) Chloroform	4.43	83	27505	0.581	ug/L 95
27) 1,2-Dichloroethane	5.19	62	15034	0.545	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	22618	0.592	ug/L 98
30) Cyclohexane	4.72	56	20472	0.593	ug/L 98
31) Carbon tetrachloride	4.87	117	20149	0.619	ug/L 99
33) Benzene	5.15	78	55371	0.565	ug/L 100
34) Trichloroethene	5.96	95	14986	0.609	ug/L 95
35) Methylcyclohexane	6.18	83	21226	0.579	ug/L 97
37) 1,2-Dichloropropane	6.23	63	14766	0.572	ug/L # 97
38) Bromodichloromethane	6.56	83	17466	0.566	ug/L 98
39) cis-1,3-Dichloropropene	7.08	75	17781	0.555	ug/L 98
40) 4-Methyl-2-pentanone	7.29	43	57155	4.353	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007269.D
 Acq On : 30 Aug 2018 17:54
 Operator : SY/MD
 Sample : VSTD0.568
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 01:35:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 01:32:19 2018
 Response via : Initial Calibration

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

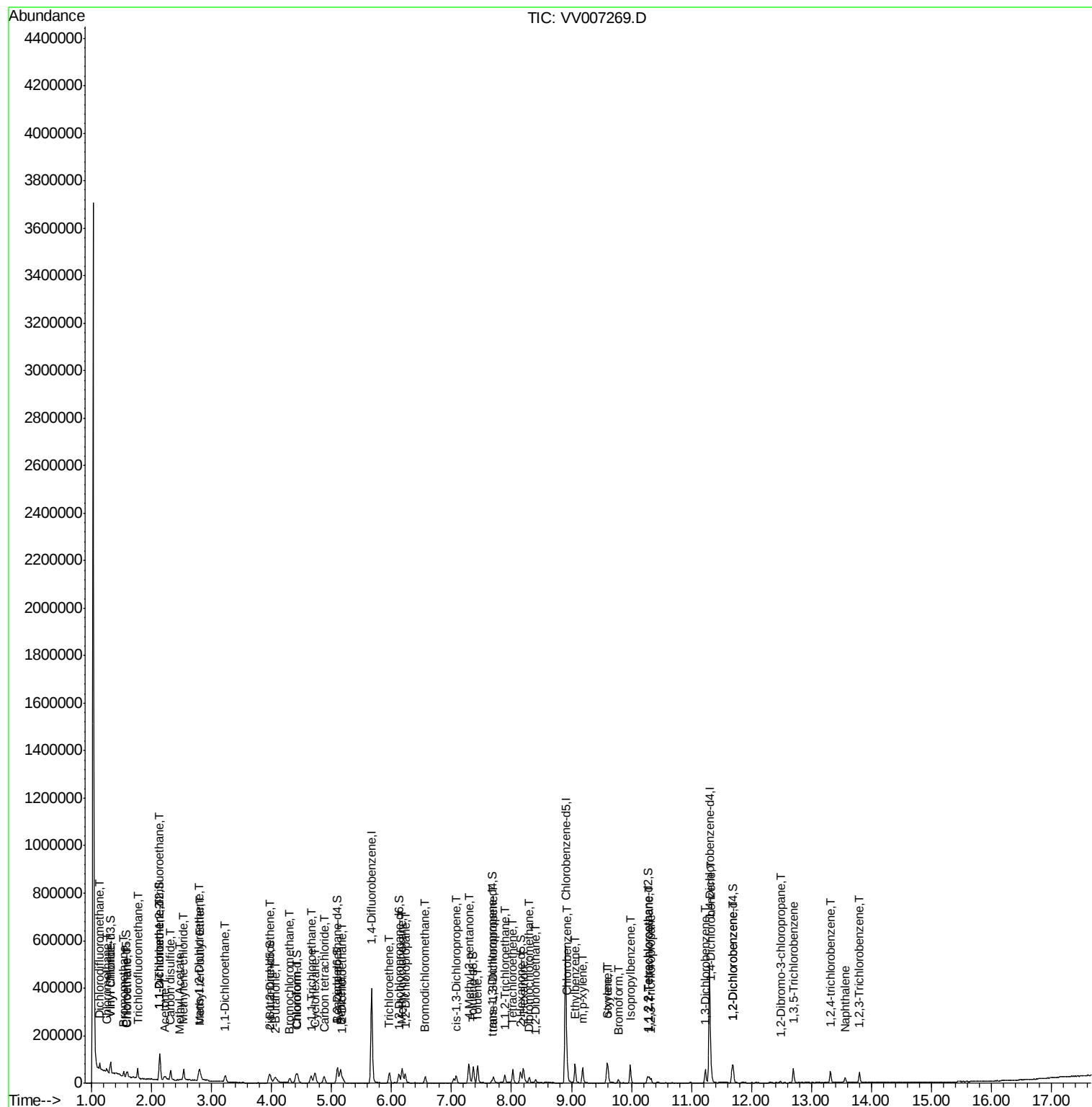
42) Toluene	7.44	91	51772	0.535	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	14460	0.540	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	9880	0.543	ug/L	96
47) Tetrachloroethene	8.02	164	13074	0.641	ug/L	98
48) 2-Hexanone	8.20	43	37257	3.823	ug/L	99
49) Dibromochloromethane	8.30	129	11000	0.531	ug/L	88
50) 1,2-Dibromoethane	8.40	107	8473	0.540	ug/L	95
51) Chlorobenzene	8.93	112	38280	0.589	ug/L	100
52) Ethylbenzene	9.06	91	50994	0.524	ug/L	96
53) m,p-xylene	9.19	106	19293	0.515	ug/L	96
54) o-xylene	9.59	106	17442	0.503	ug/L	94
55) Styrene	9.61	104	28258	0.463	ug/L	100
56) Isopropylbenzene	9.98	105	45369	0.496	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	11490	0.538	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	8244	0.538	ug/L	96
61) Bromoform	9.78	173	6316	0.608	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	25739	0.612	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	25649	0.574	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	23878	0.565	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1595	0.630	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	21289	0.676	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	16272	0.750	ug/L	97
69) Naphthalene	13.56	128	18508	0.648	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	14982	0.706	ug/L	98

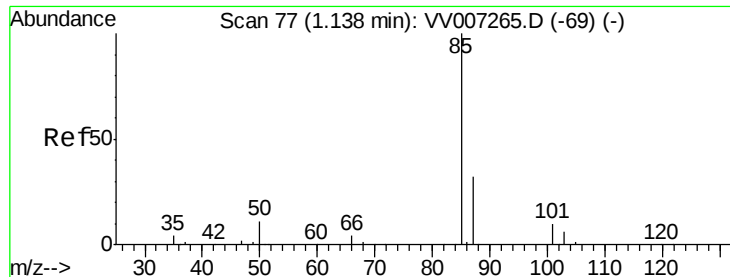
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
Data File : VV007269.D
Acq On : 30 Aug 2018 17:54
Operator : SY/MD
Sample : VSTD0.568
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 31 01:35:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 01:32:19 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.688 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

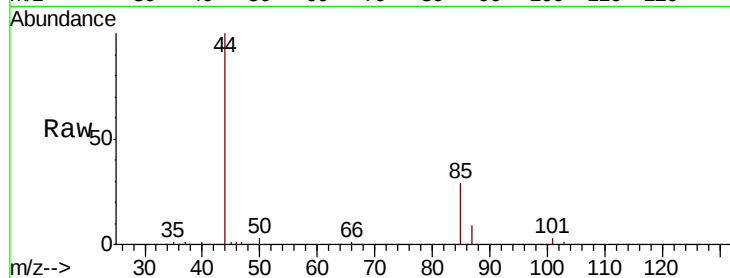
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 18297

Ion Ratio Lower Upper

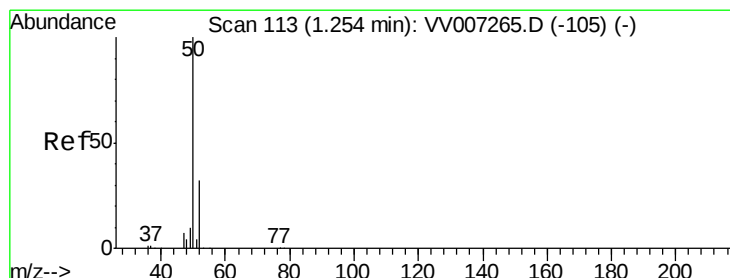
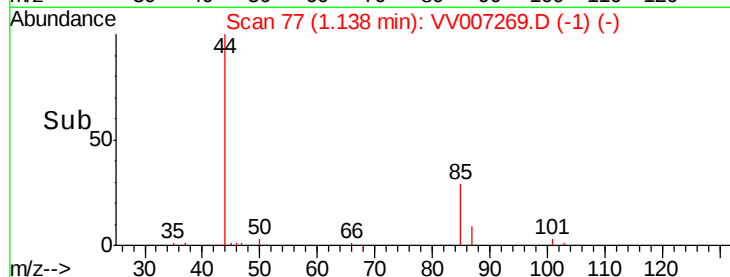
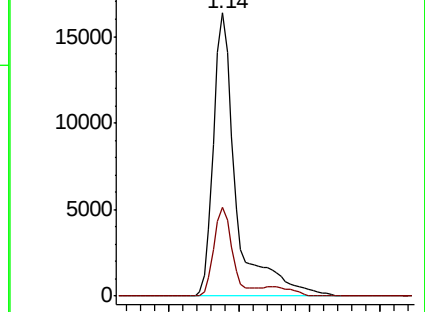
85 100

87 25.6 21.4 32.0



Abundance Ion 85.00 (84.70 to 85.70): VV007265.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV007265.D (-69) (-)



#3

Chloromethane

Concen: 0.625 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV007269.D

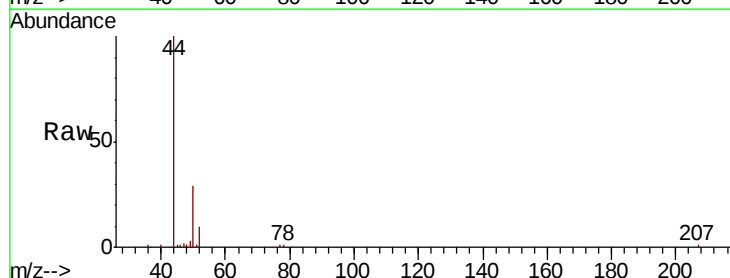
Acq: 30 Aug 2018 17:54

Tgt Ion: 50 Resp: 17966

Ion Ratio Lower Upper

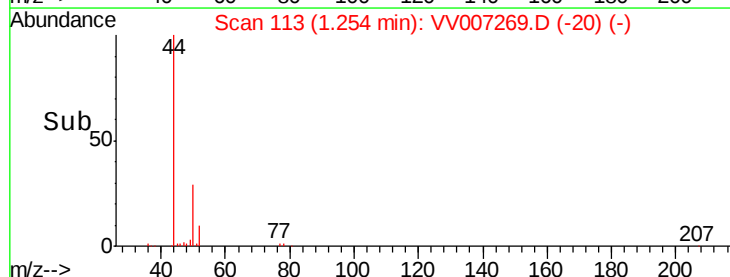
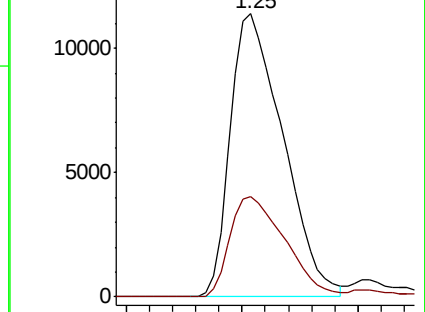
50 100

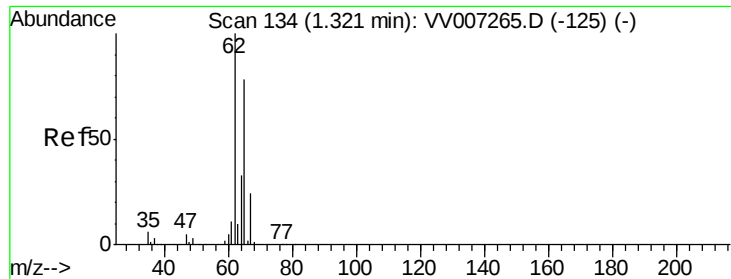
52 35.6 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VV007265.D (-105) (-)

Ion 52.05 (51.75 to 52.75): VV007265.D (-105) (-)





#5

Vinyl chloride

Concen: 0.665 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

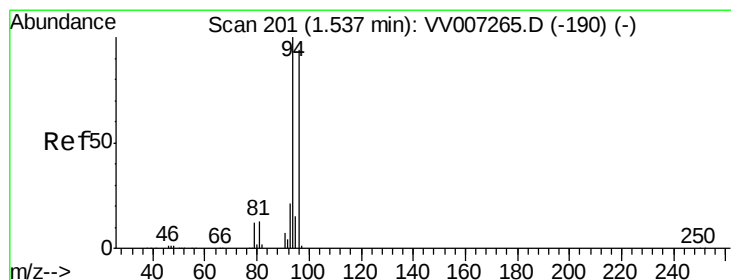
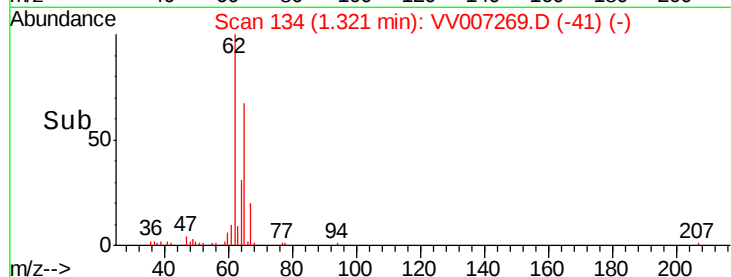
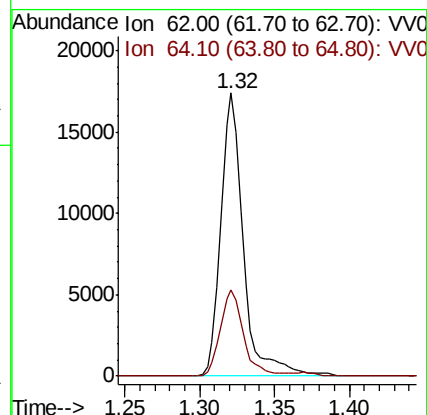
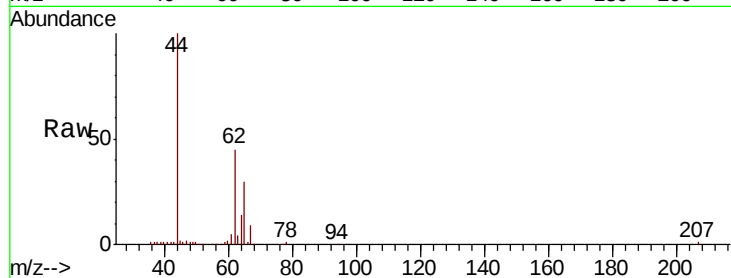
ClientSampleId :

Tot Ion: 62 Resp: 18352

Ion Ratio Lower Upper

62 100

64 30.5 22.8 42.4



#6

Bromomethane

Concen: 0.883 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV007269.D

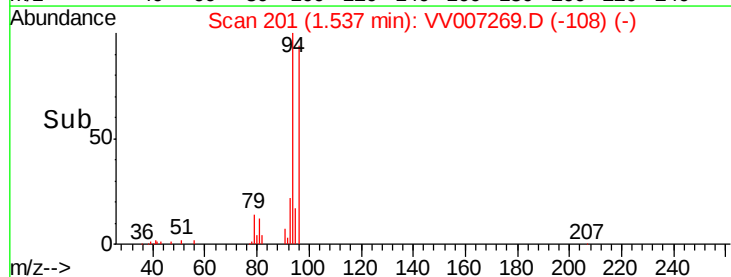
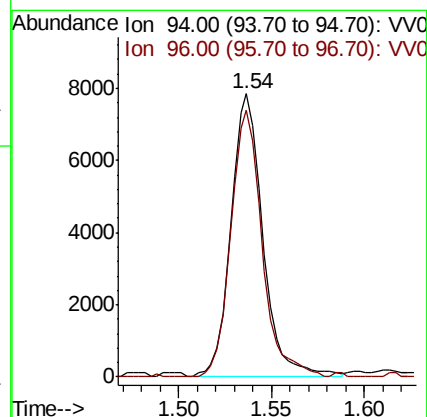
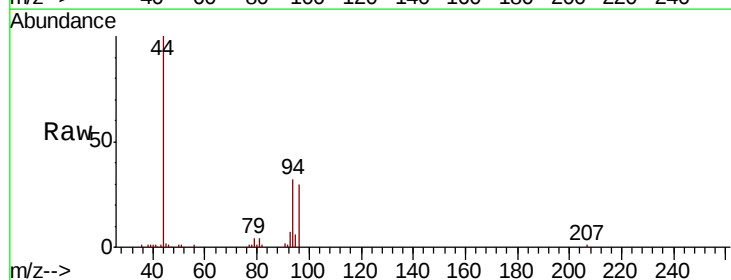
Acq: 30 Aug 2018 17:54

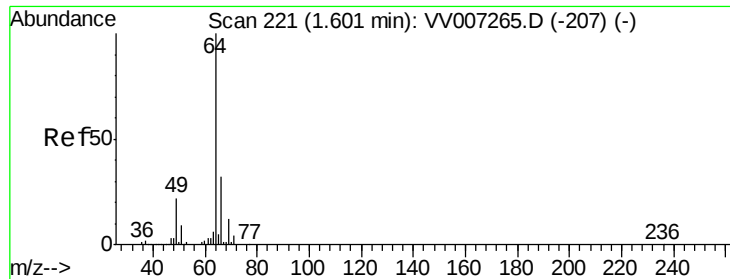
Tgt Ion: 94 Resp: 9414

Ion Ratio Lower Upper

94 100

96 94.2 65.8 122.2

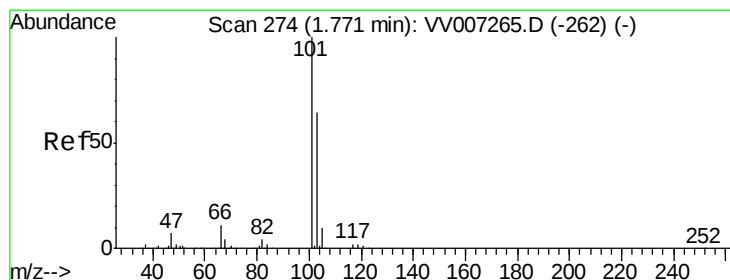
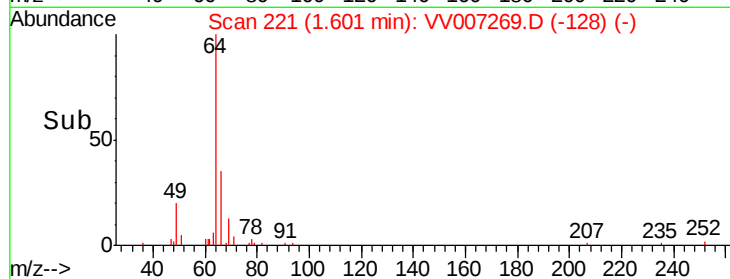
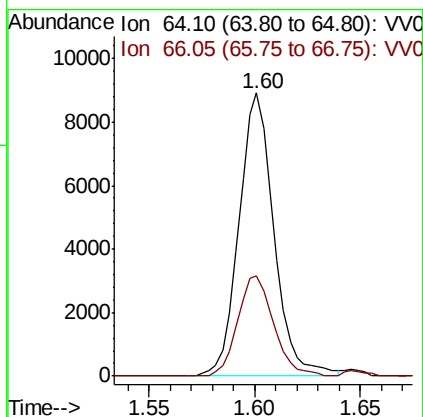
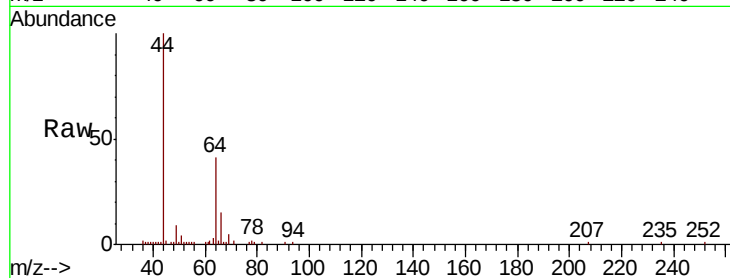




#8
Chloroethane
Concen: 0.621 ug/L
RT: 1.60 min Scan# 221
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

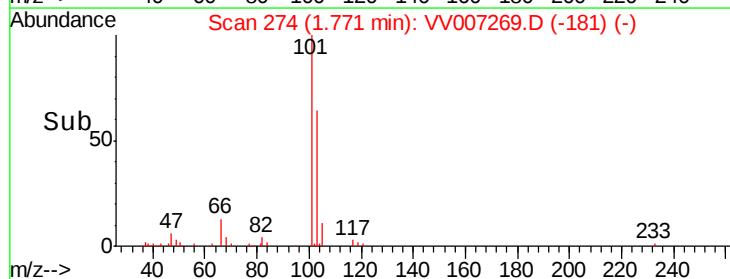
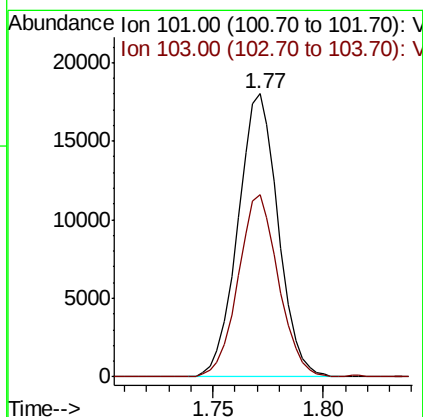
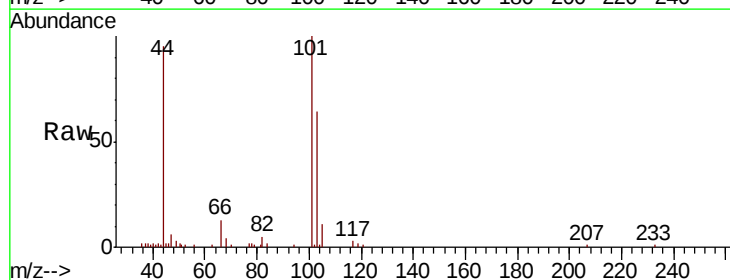
Instrument :
MSVOA_V
ClientSampleId :

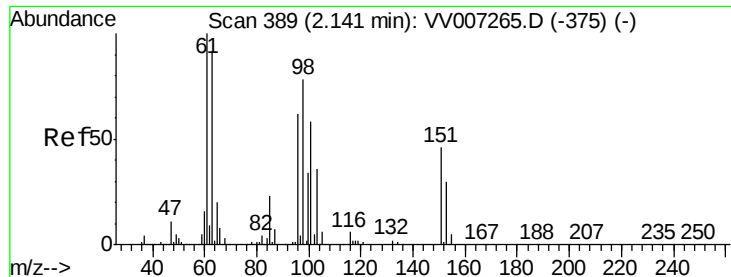
Tot Ion: 64 Resp: 10285
Ion Ratio Lower Upper
64 100
66 35.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 0.603 ug/L
RT: 1.77 min Scan# 274
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

Tgt Ion:101 Resp: 22748
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0





#10

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

Concen: 0.593 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

ClientSampled :

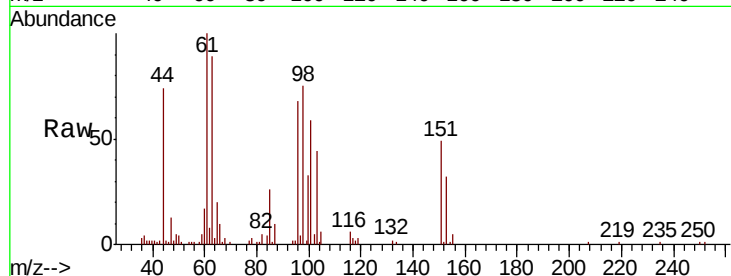
Tot Ion:101 Resp: 13906

Ion Ratio Lower Upper

101 100

85 43.7 32.4 48.6

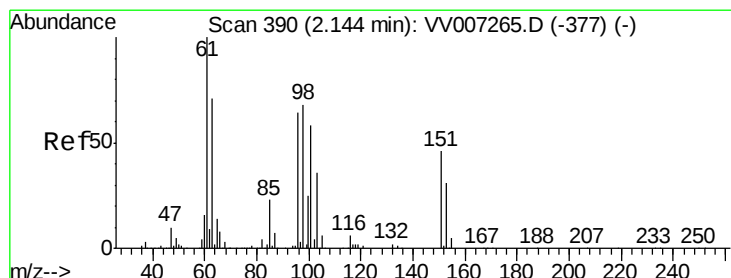
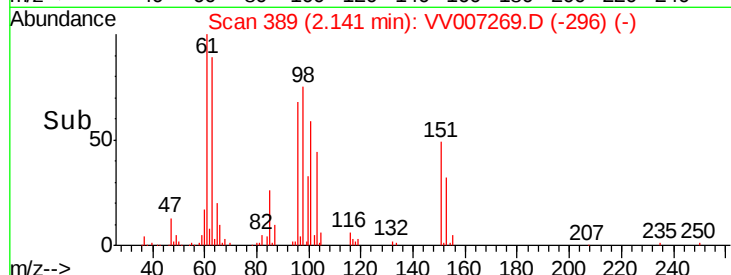
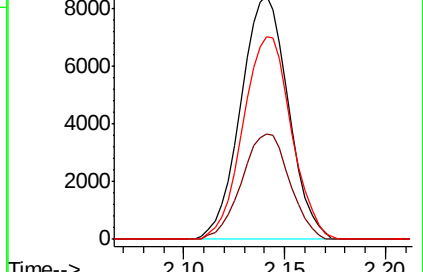
151 84.8 64.2 96.2



Abundance Ion 101.00 (100.70 to 101.70): VV007265.D (-375) (-)

Ion 85.00 (84.70 to 85.70): VV007265.D (-375) (-)

Ion 151.00 (150.70 to 151.70): VV007265.D (-375) (-)



#12

1,1-Dichloroethene

Concen: 0.648 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

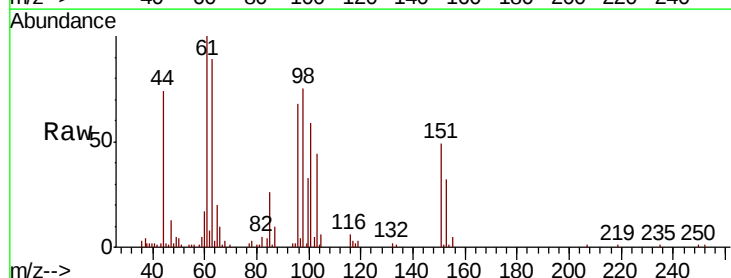
Tgt Ion: 96 Resp: 13737

Ion Ratio Lower Upper

96 100

61 146.1 108.8 202.0

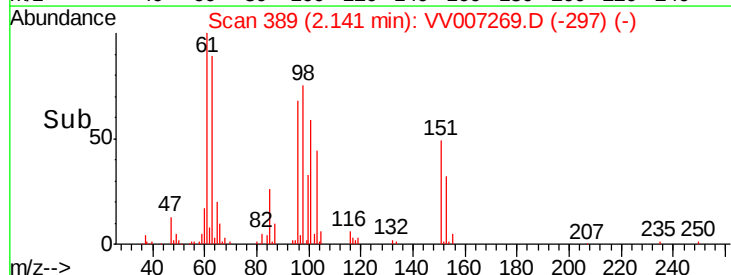
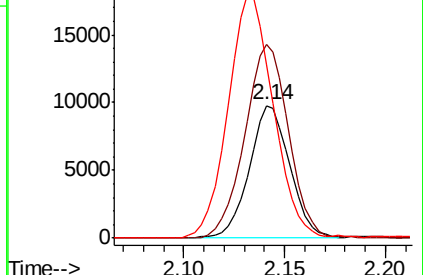
63 130.5 78.0 144.9

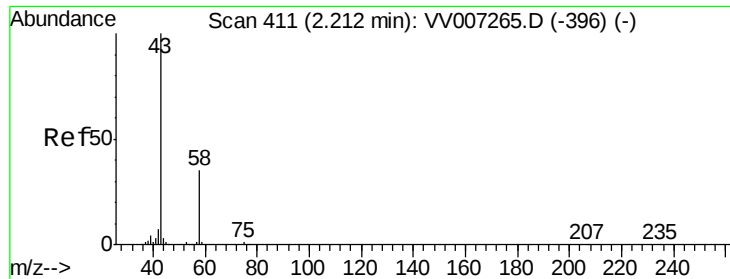


Abundance Ion 96.00 (95.70 to 96.70): VV007269.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VV007269.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV007269.D (-296) (-)





#13

Acetone

Concen: 6.467 ug/L

RT: 2.22 min Scan# 413

Delta R.T. 0.01 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

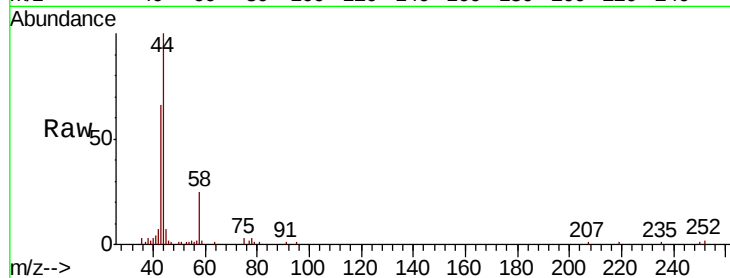
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 19599

Ion Ratio Lower Upper

43 100

58 37.1 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007269.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VV007269.D (-318) (-)

2.22

8000

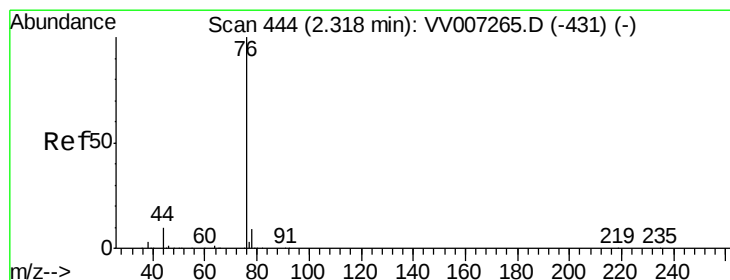
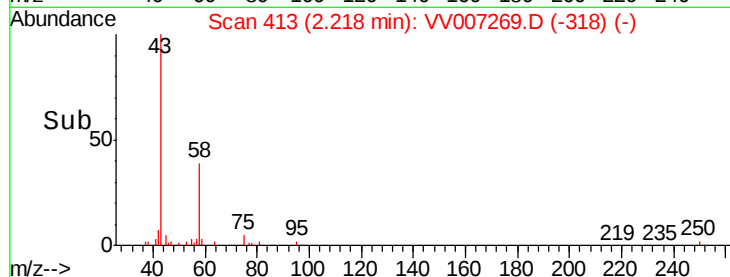
6000

4000

2000

0

Time--> 2.10 2.20 2.30



#14

Carbon disulfide

Concen: 0.717 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV007269.D

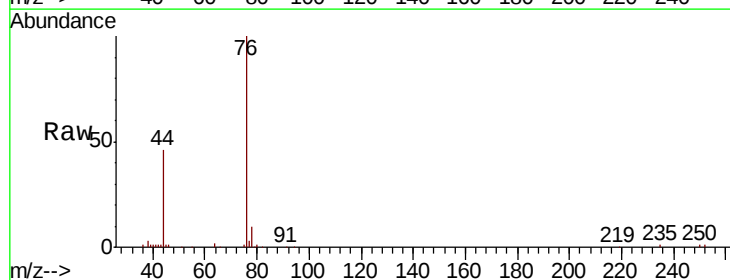
Acq: 30 Aug 2018 17:54

Tgt Ion: 76 Resp: 46218

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV007269.D (-351) (-)

Ion 78.00 (77.70 to 78.70): VV007269.D (-351) (-)

2.32

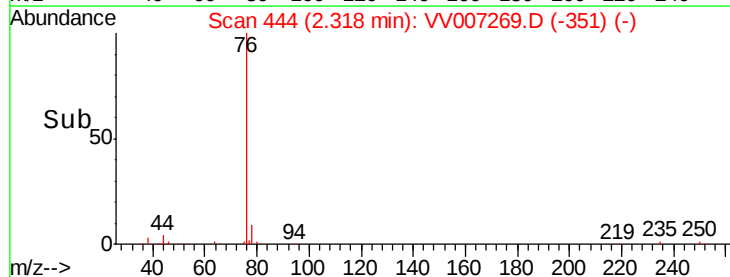
30000

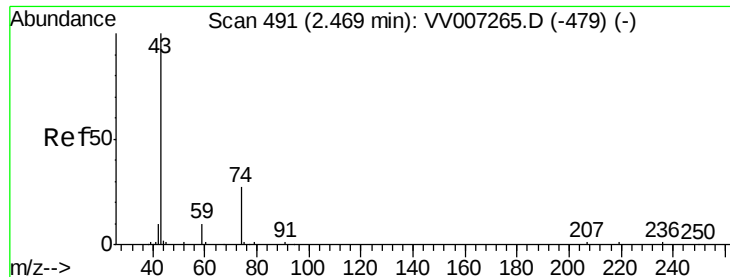
20000

10000

0

Time--> 2.25 2.30 2.35 2.40





#15

Methyl Acetate

Concen: 0.555 ug/L

RT: 2.48 min Scan# 493

Delta R.T. 0.01 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

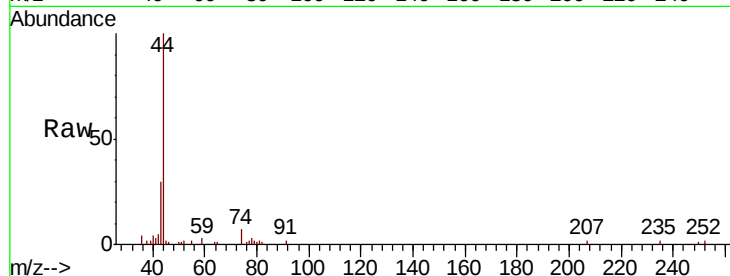
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4465

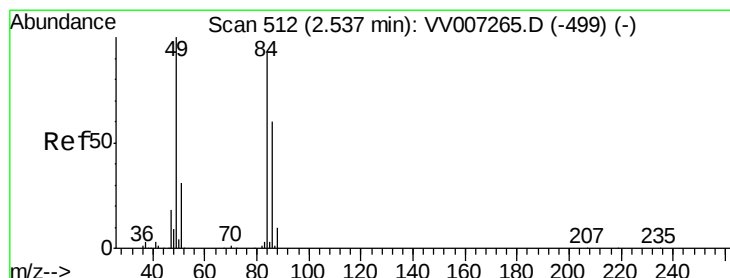
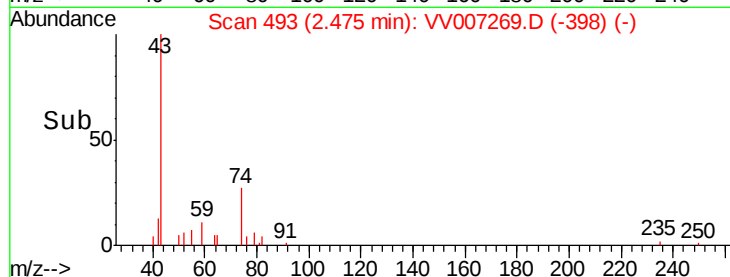
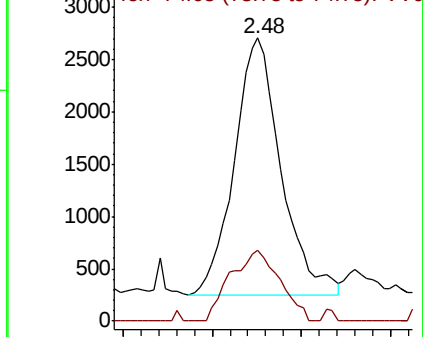
Ion Ratio Lower Upper

43 100

74 29.1 22.5 33.7



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.768 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

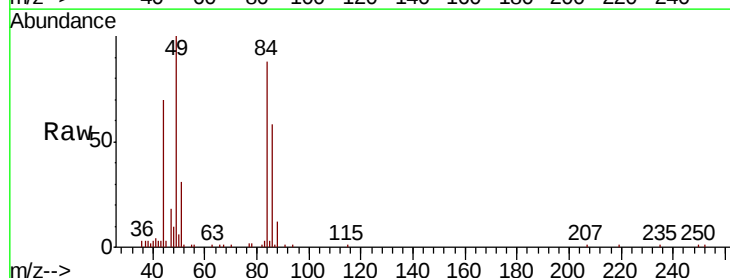
Tgt Ion: 84 Resp: 19572

Ion Ratio Lower Upper

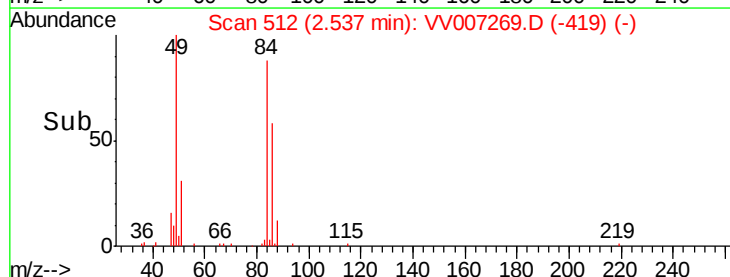
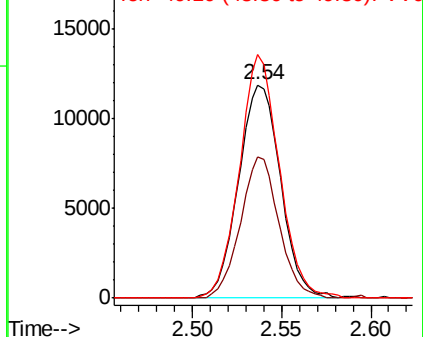
84 100

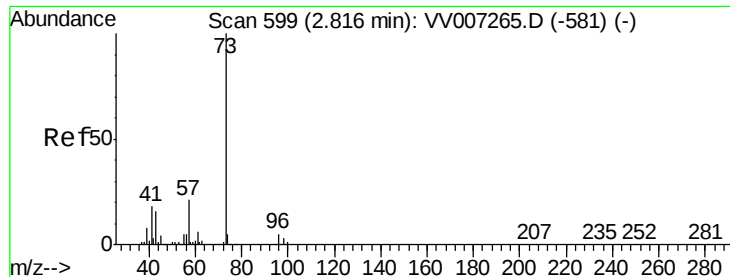
86 66.0 44.8 83.2

49 114.2 75.2 139.6



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0



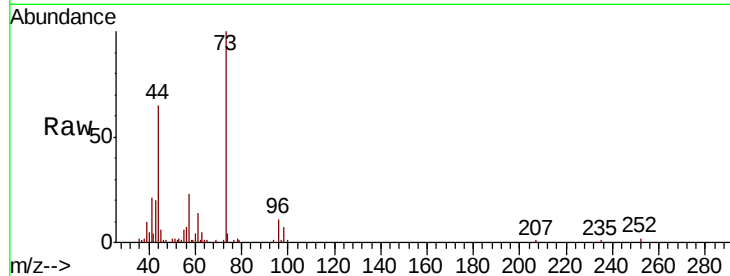


#17

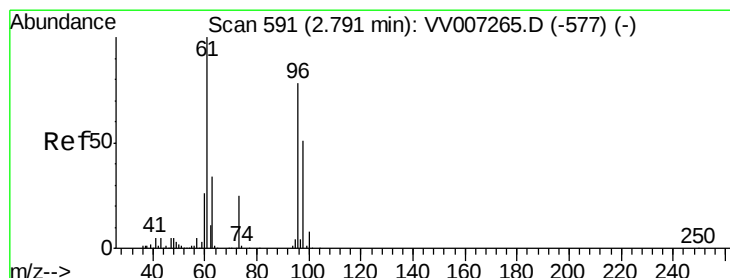
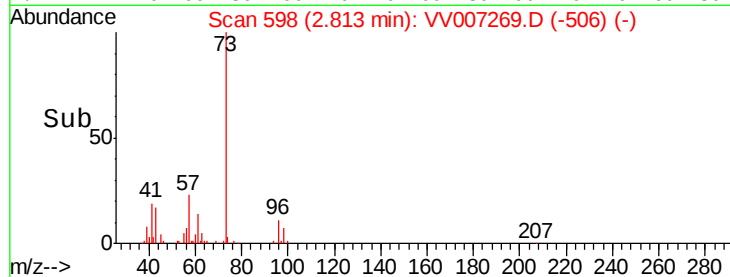
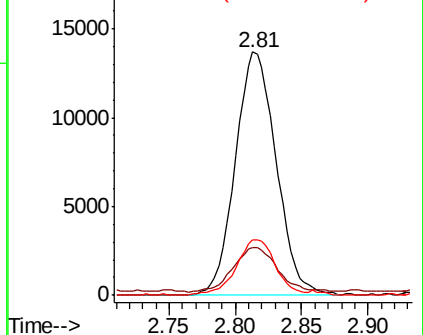
Methvl tert-butvl Ether
 Concen: 0.553 ug/L
 RT: 2.81 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	73	Resp:	29375
Ion	Ratio	Lower	Upper
73	100		
43	19.3	13.2	19.8
57	21.9	17.3	25.9



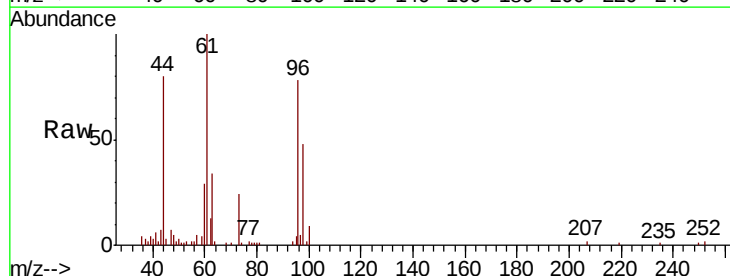
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



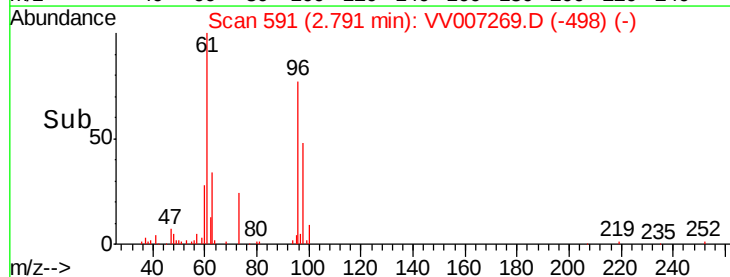
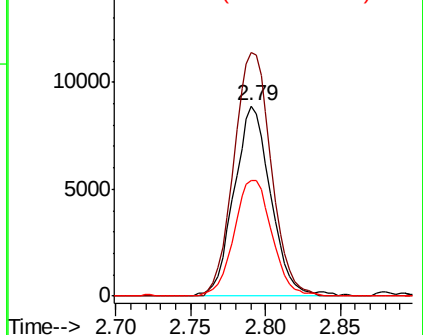
#18

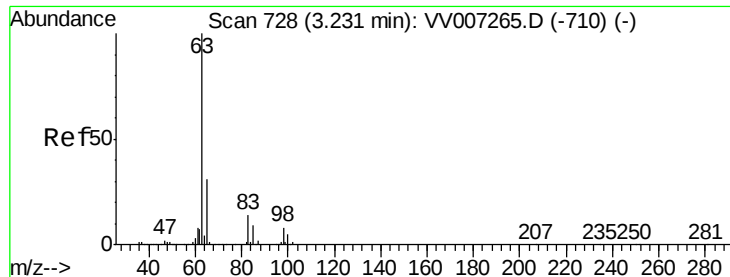
trans-1,2-Dichloroethene
 Concen: 0.643 ug/L
 RT: 2.79 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion:	96	Resp:	15171
Ion	Ratio	Lower	Upper
96	100		
61	127.9	89.5	166.3
98	60.8	45.3	84.1



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0

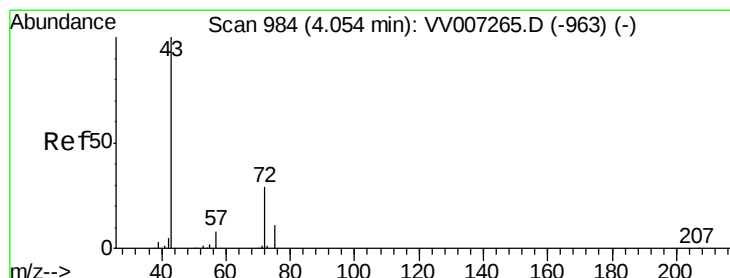
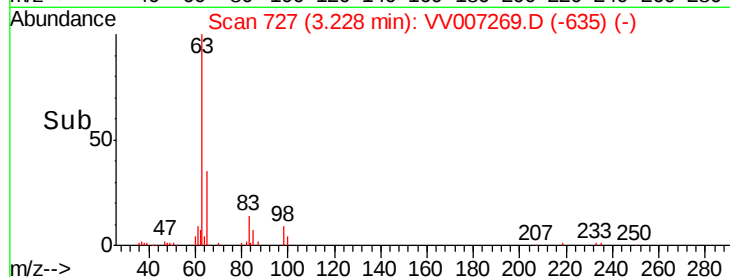
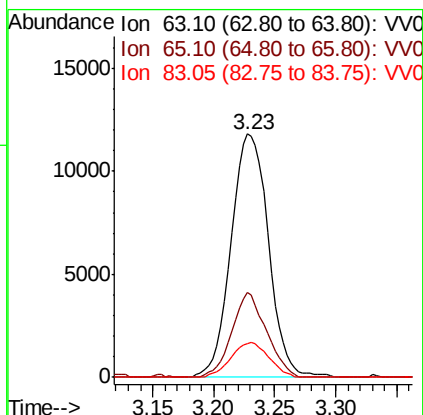
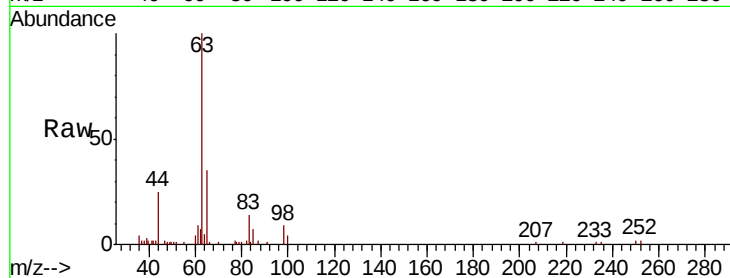




#19
 1,1-Dichloroethane
 Concen: 0.542 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

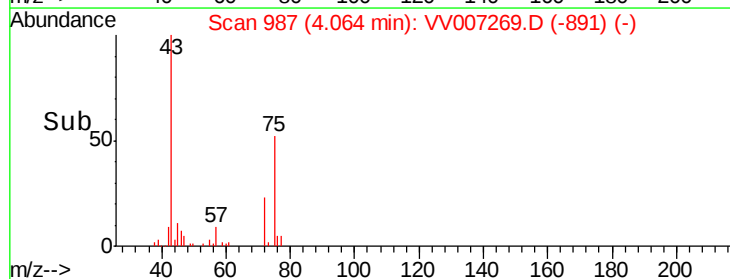
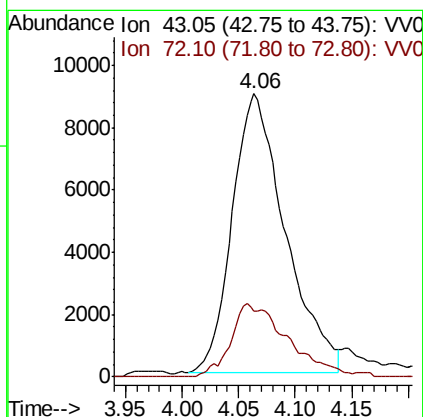
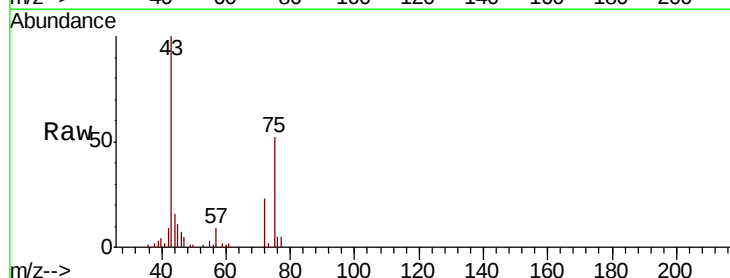
Instrument :
 MSVOA_V
 ClientSampled :

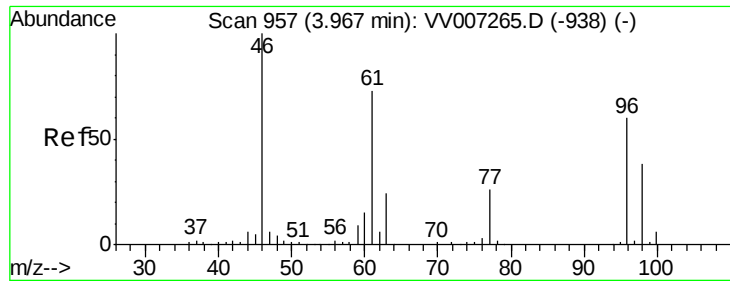
Tot Ion: 63 Resp: 25113
 Ion Ratio Lower Upper
 63 100
 65 34.8 22.1 41.1
 83 14.1 9.4 17.6



#21
 2-Butanone
 Concen: 4.752 ug/L
 RT: 4.06 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion: 43 Resp: 29311
 Ion Ratio Lower Upper
 43 100
 72 27.8 14.1 42.3



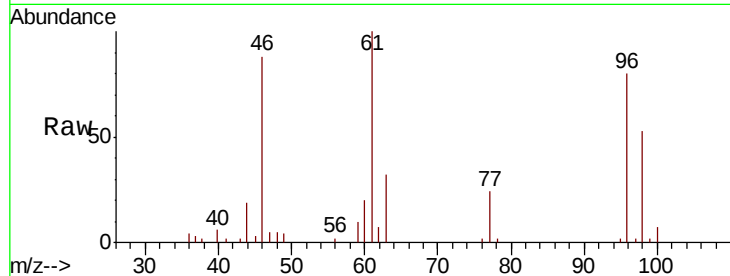


#22

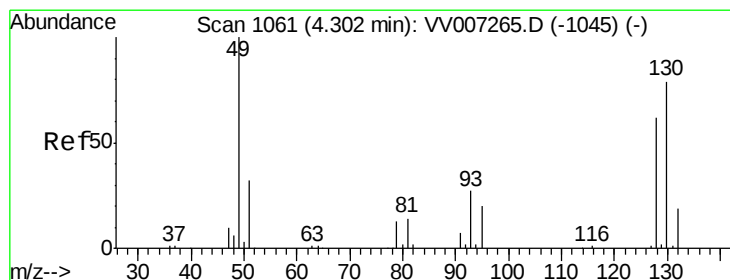
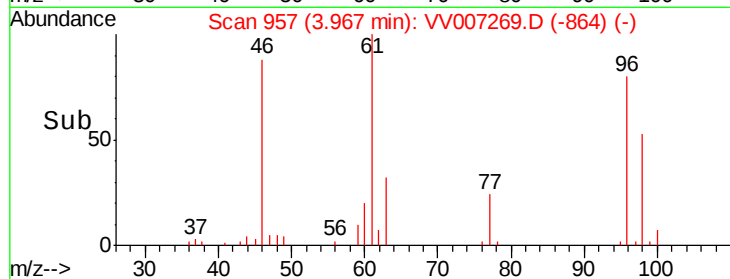
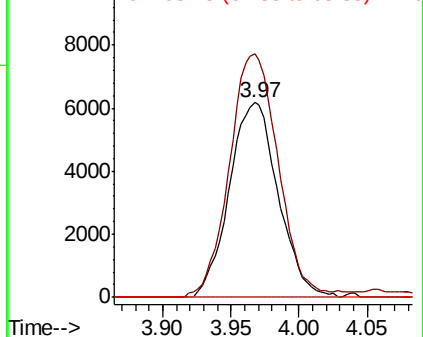
cis-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 3.97 min Scan# 957
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 15363
Ion Ratio Lower Upper
96 100
61 125.1 85.4 158.6
68 0.0 0.0 0.0



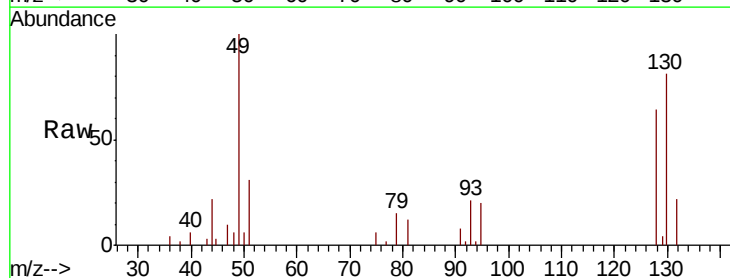
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



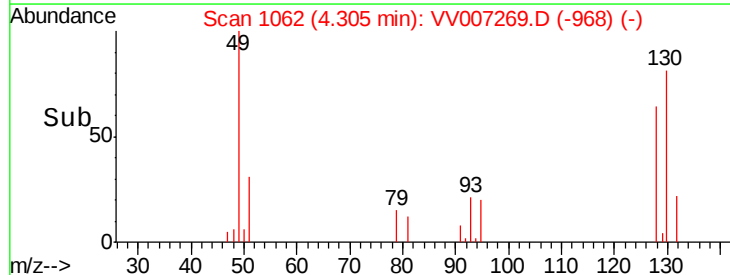
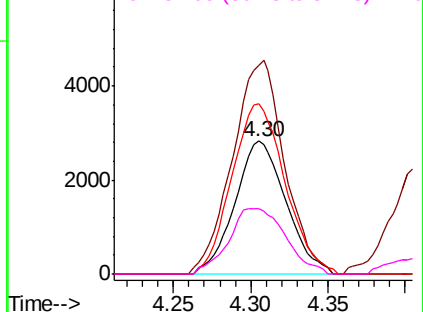
#23

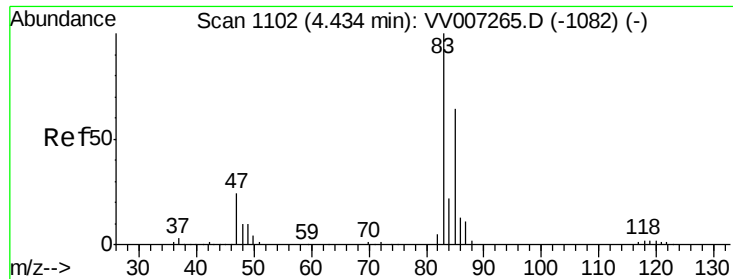
Bromochloromethane
Concen: 0.539 ug/L
RT: 4.30 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

Tgt Ion: 128 Resp: 6479
Ion Ratio Lower Upper
128 100
49 157.2 113.1 210.1
130 127.8 88.8 165.0
51 49.4 41.9 62.9



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

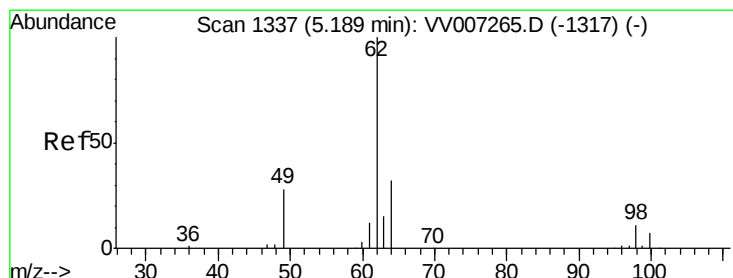
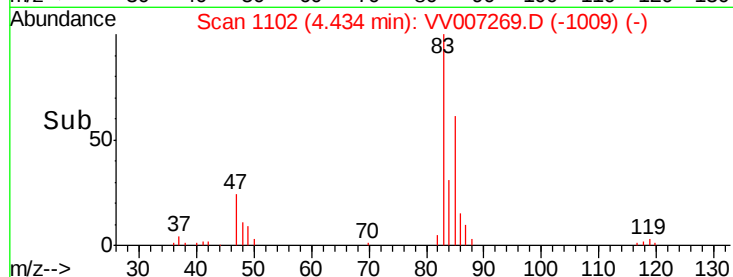
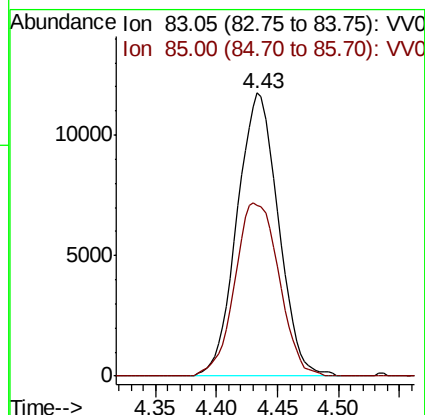
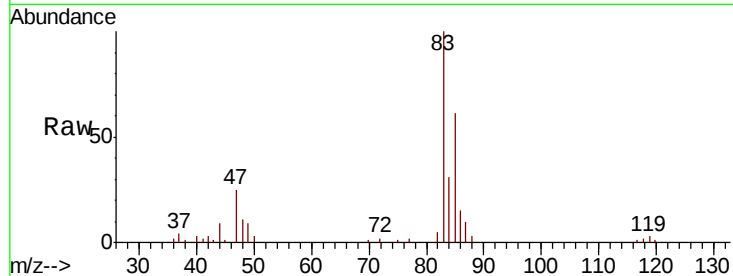




#25
Chloroform
Concen: 0.581 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

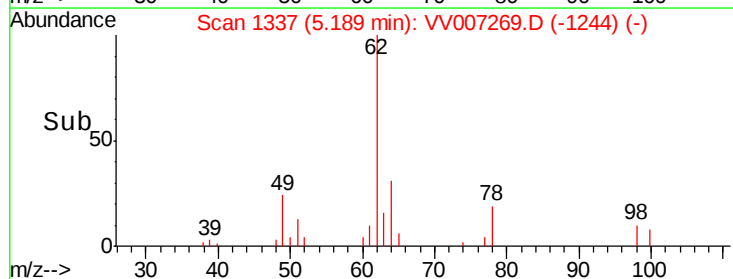
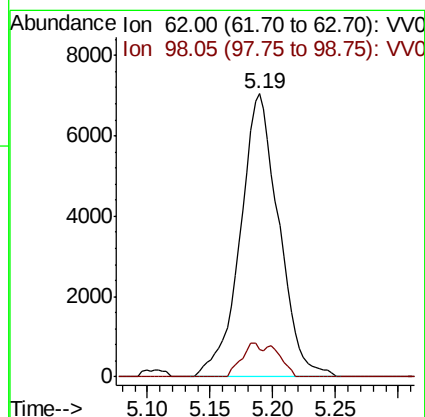
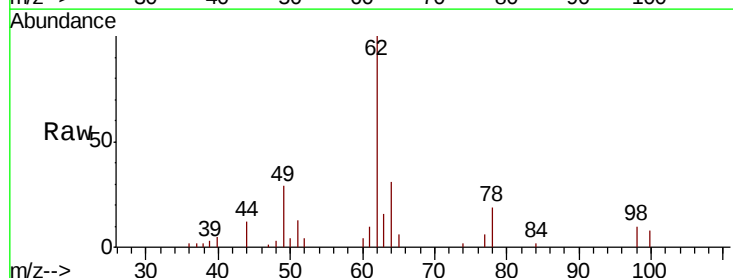
Instrument :
MSVOA_V
ClientSampled :

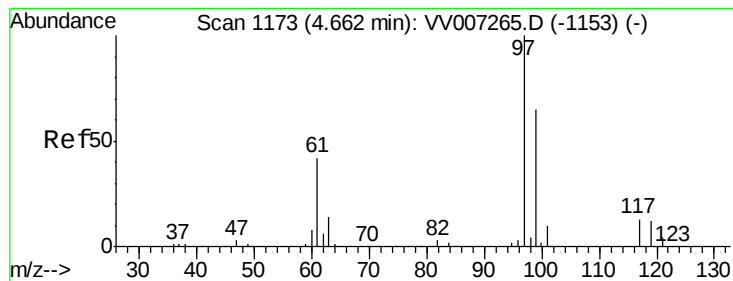
Tot Ion: 83 Resp: 27505
Ion Ratio Lower Upper
83 100
85 60.6 44.9 83.5



#27
1,2-Dichloroethane
Concen: 0.545 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

Tgt Ion: 62 Resp: 15034
Ion Ratio Lower Upper
62 100
98 9.7 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 0.592 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

ClientSampled :

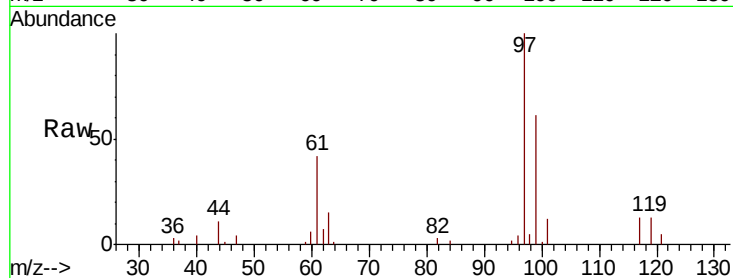
Tot Ion: 97 Resp: 22618

Ion Ratio Lower Upper

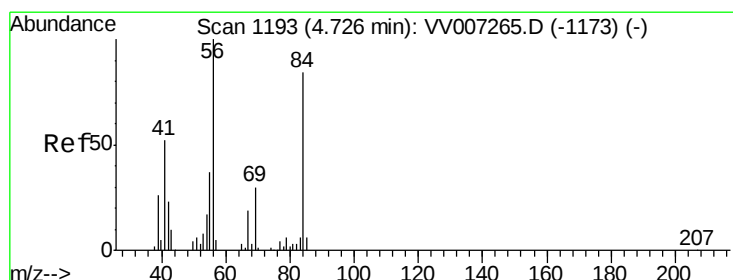
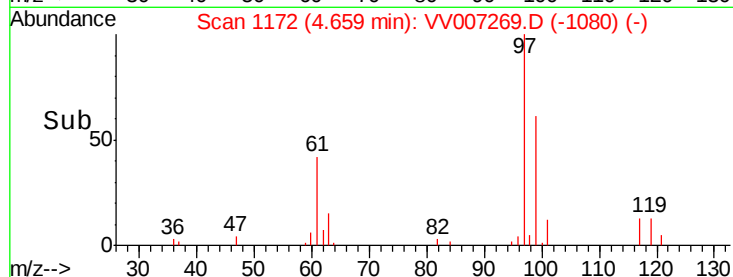
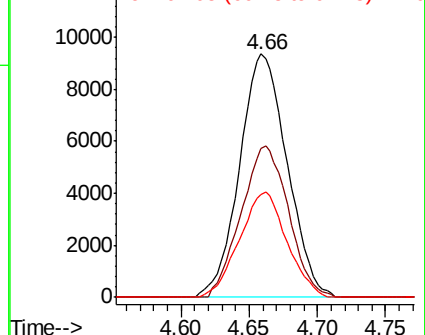
97 100

99 62.0 51.5 77.3

61 43.3 33.9 50.9



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: 0.593 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

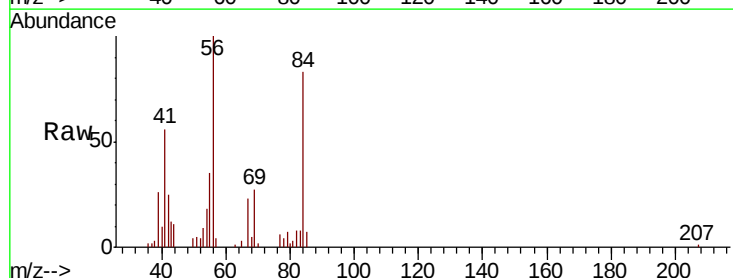
Tgt Ion: 56 Resp: 20472

Ion Ratio Lower Upper

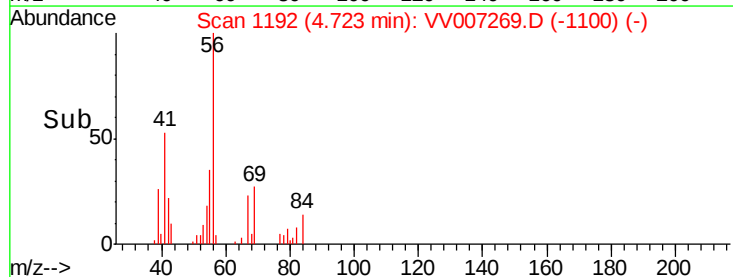
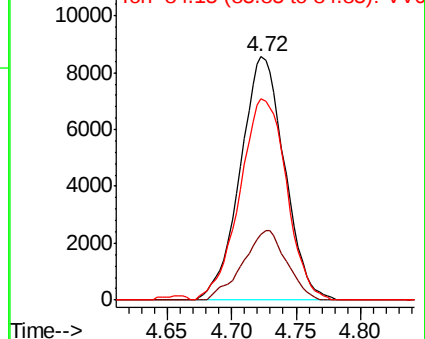
56 100

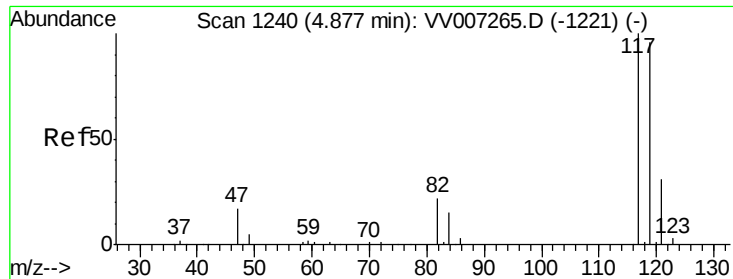
69 28.4 24.7 37.1

84 87.3 68.7 103.1



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: 0.619 ug/L

RT: 4.87 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

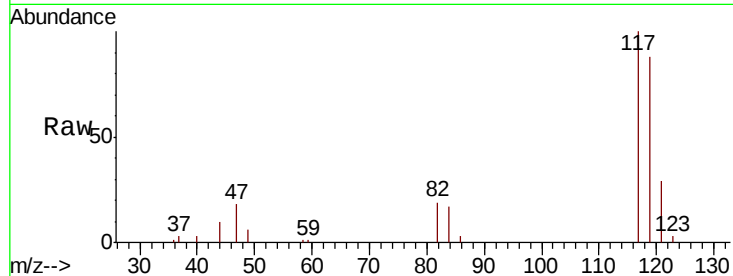
ClientSampleId :

Tot Ion:117 Resp: 20149

Ion Ratio Lower Upper

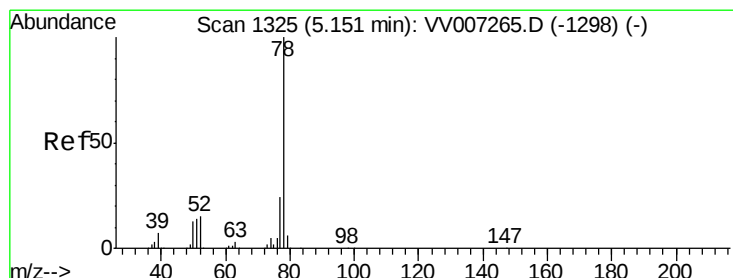
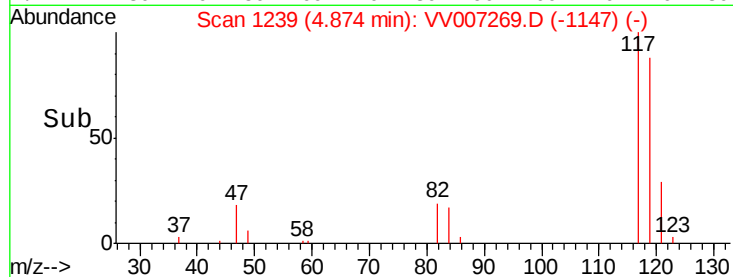
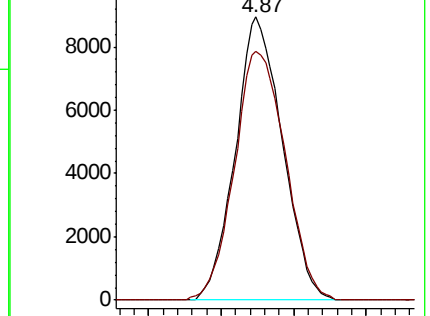
117 100

119 95.1 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.565 ug/L

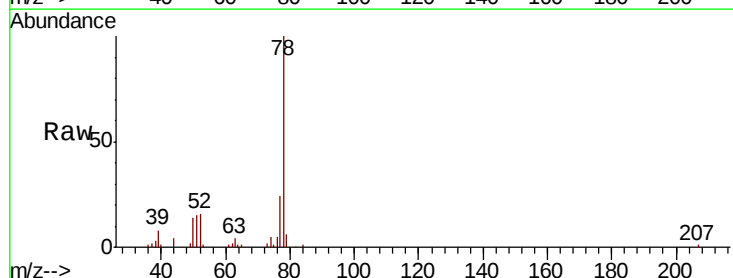
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

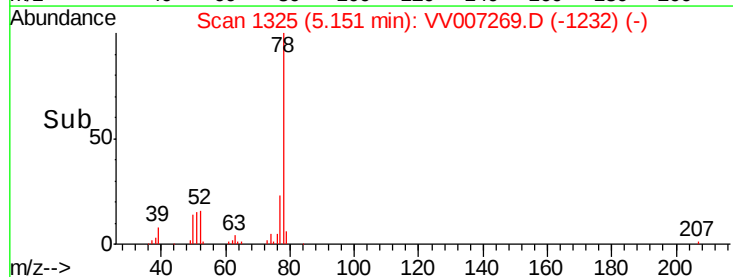
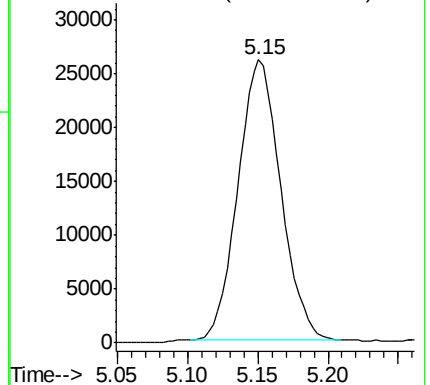
Lab File: VV007269.D

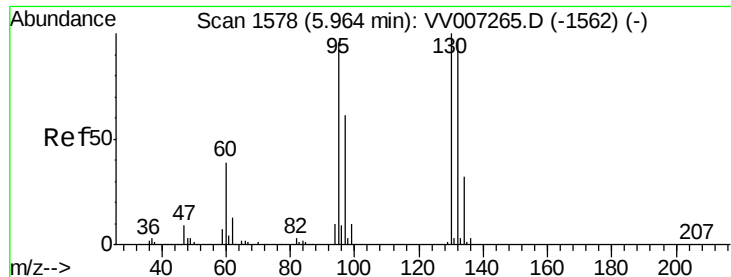
Acq: 30 Aug 2018 17:54

Tgt Ion: 78 Resp: 55371



Abundance Ion 78.10 (77.80 to 78.80): VV0

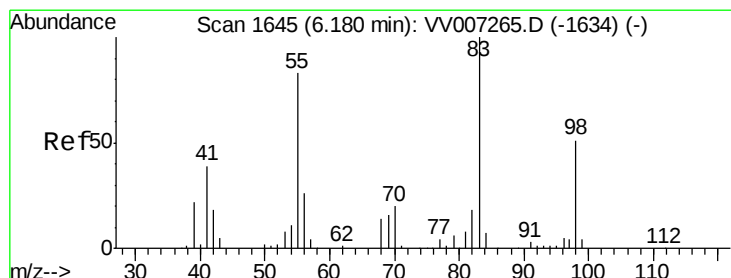
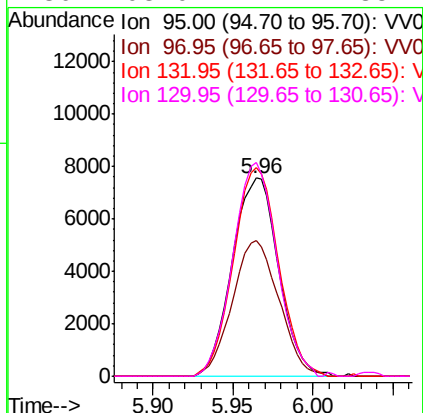
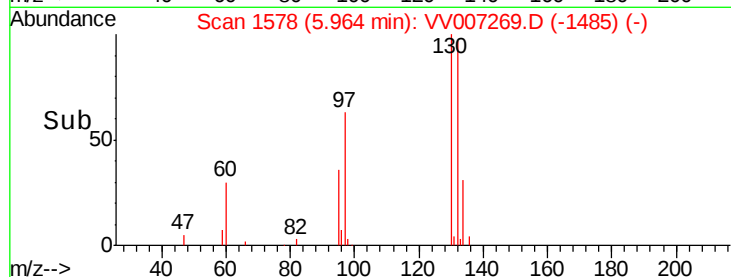
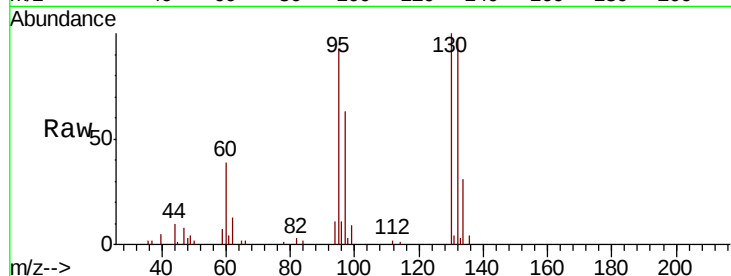




#34
 Trichloroethene
 Concen: 0.609 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

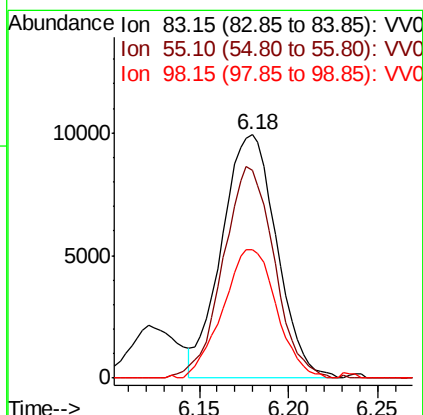
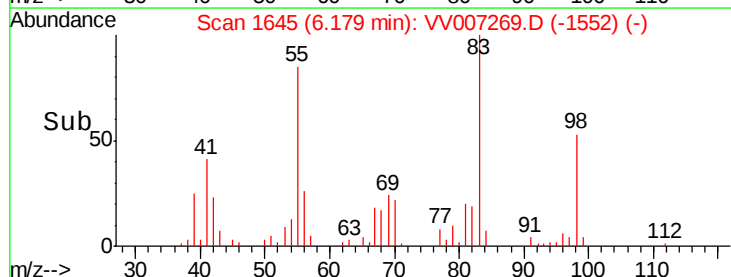
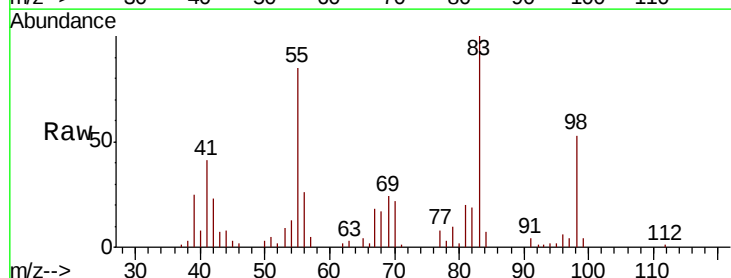
Instrument :
 MSVOA_V
 ClientSampleId :

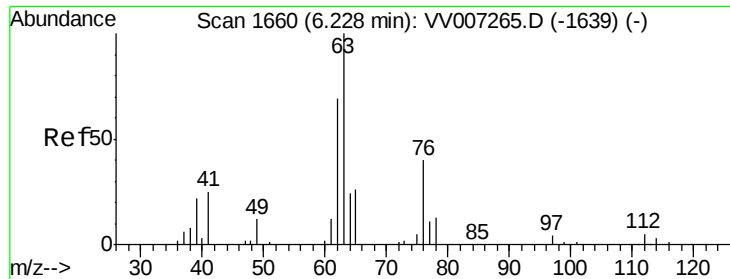
Tot Ion:	95	Resp:	14986
Ion	Ratio	Lower	Upper
95	100		
97	68.4	44.2	82.2
132	105.3	70.9	131.7
130	108.0	72.7	135.1



#35
 Methylcyclohexane
 Concen: 0.579 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion:	83	Resp:	21226
Ion	Ratio	Lower	Upper
83	100		
55	81.0	63.5	95.3
98	51.5	38.9	58.3

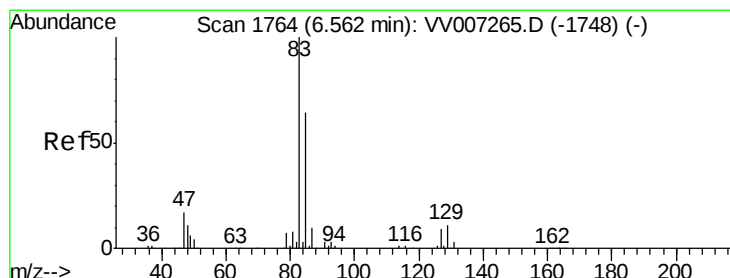
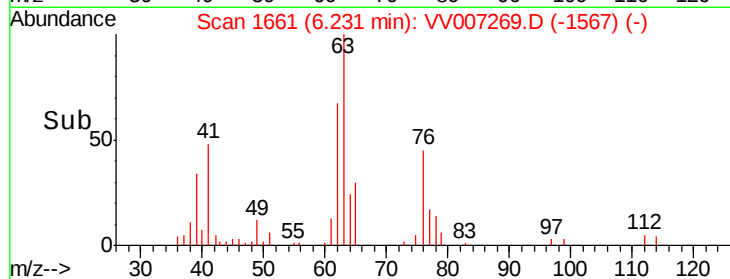
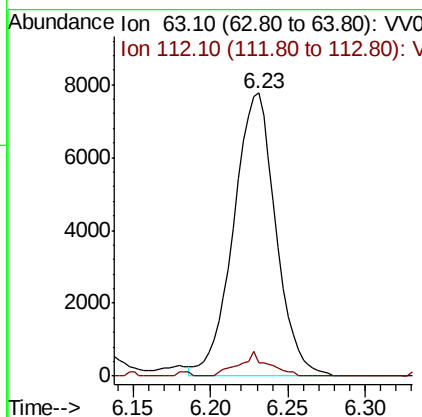
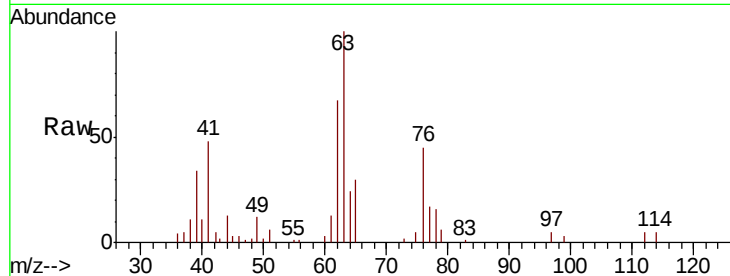




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.23 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

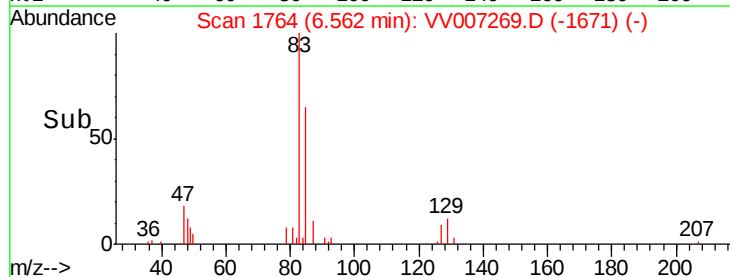
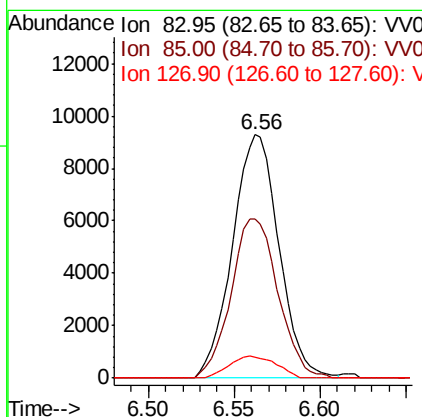
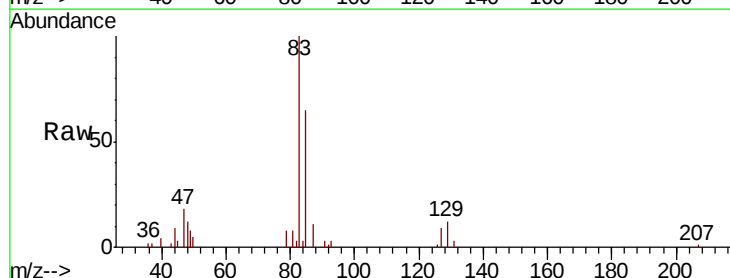
Instrument :
 MSVOA_V
 ClientSampleId :

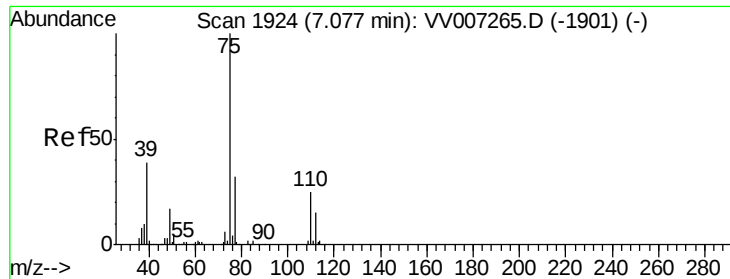
Tot Ion: 63 Resp: 14766
 Ion Ratio Lower Upper
 63 100
 112 5.9 3.9 5.9#



#38
 Bromodichloromethane
 Concen: 0.566 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion: 83 Resp: 17466
 Ion Ratio Lower Upper
 83 100
 85 65.4 44.7 83.1
 127 8.6 6.9 10.3

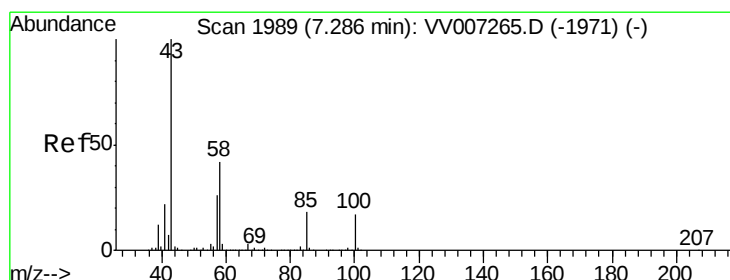
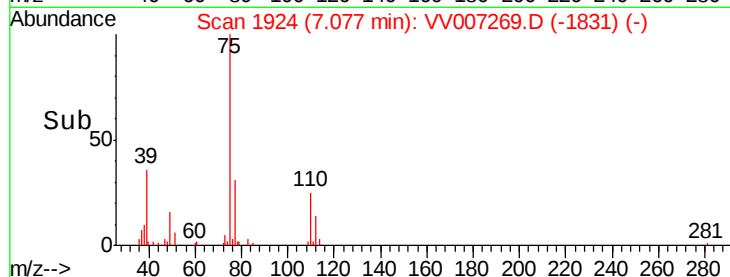
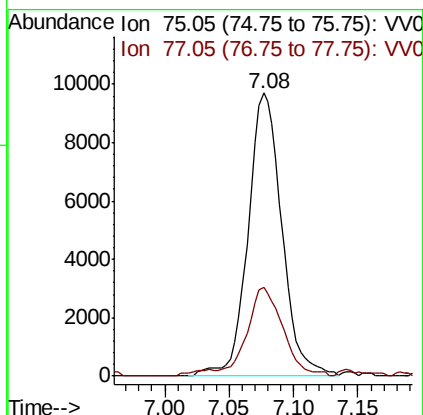
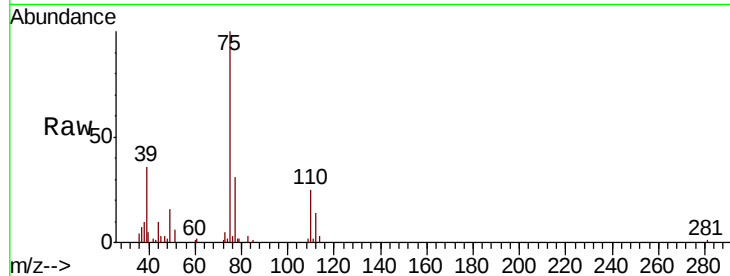




#39
 cis-1,3-Dichloropropene
 Concen: 0.555 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

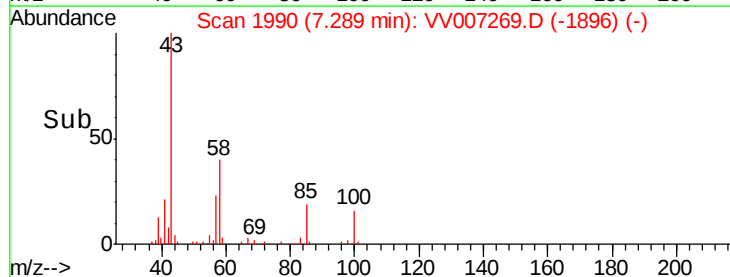
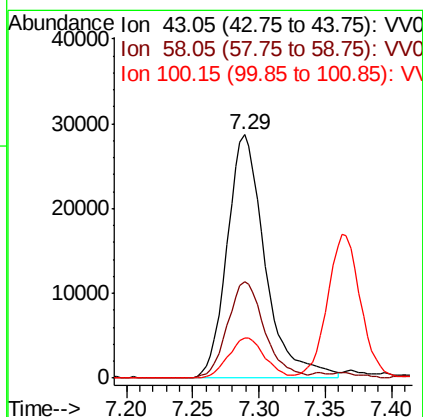
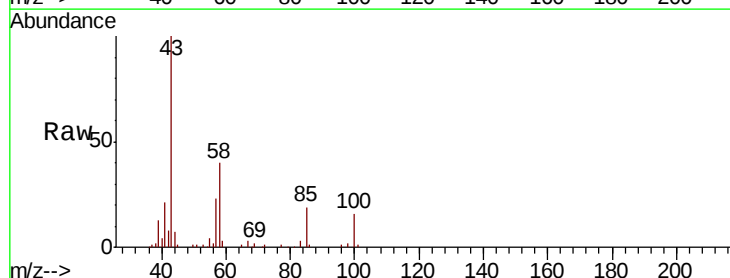
Instrument :
 MSVOA_V
 ClientSampled :

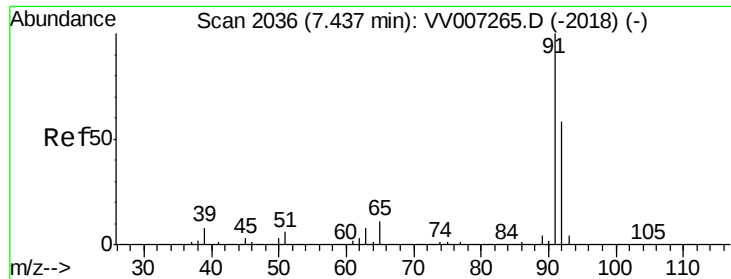
Tot Ion: 75 Resp: 17781
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 4.353 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion: 43 Resp: 57155
 Ion Ratio Lower Upper
 43 100
 58 38.6 32.7 49.1
 100 15.7 13.1 19.7





#42

Toluene

Concen: 0.535 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

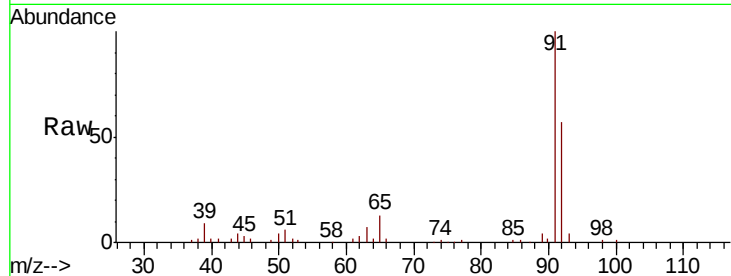
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 51772

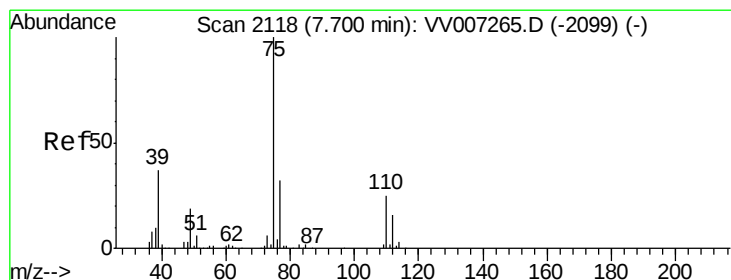
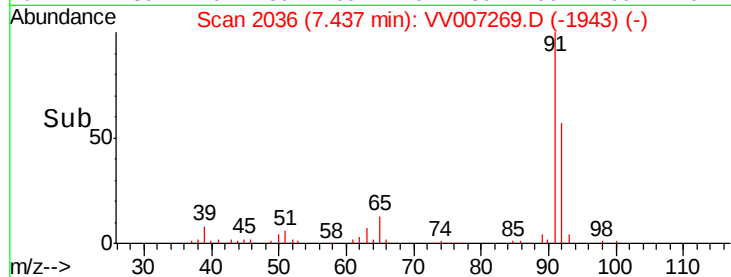
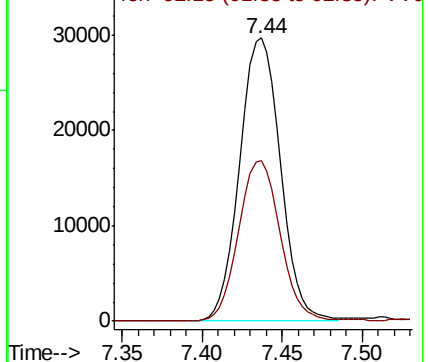
Ion Ratio Lower Upper

91 100

92 56.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV007269.D

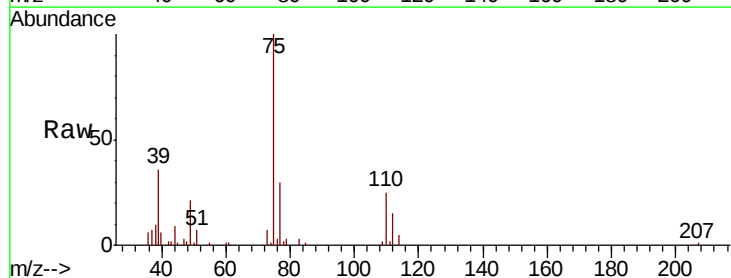
Acq: 30 Aug 2018 17:54

Tgt Ion: 75 Resp: 14460

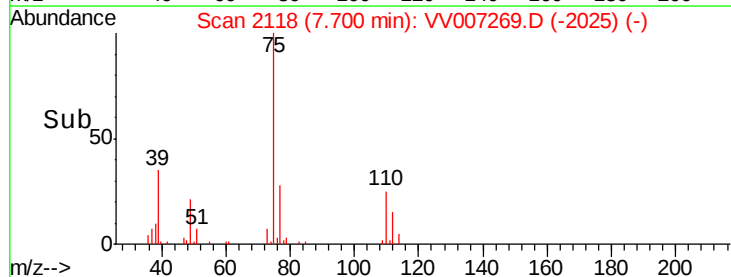
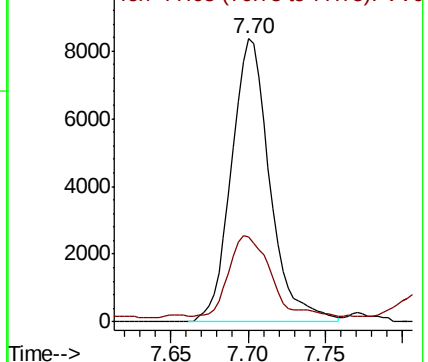
Ion Ratio Lower Upper

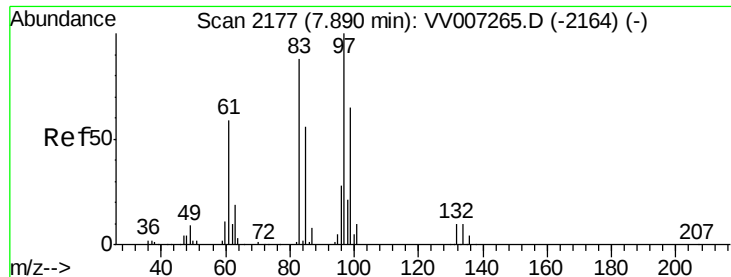
75 100

77 30.1 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

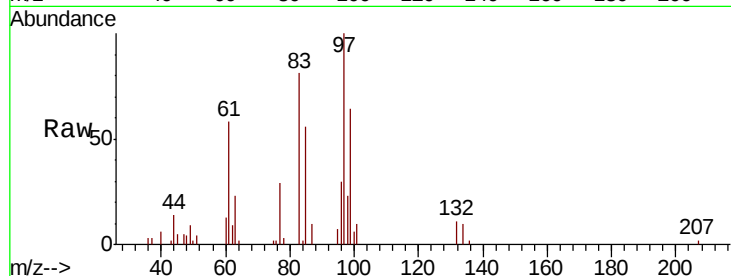




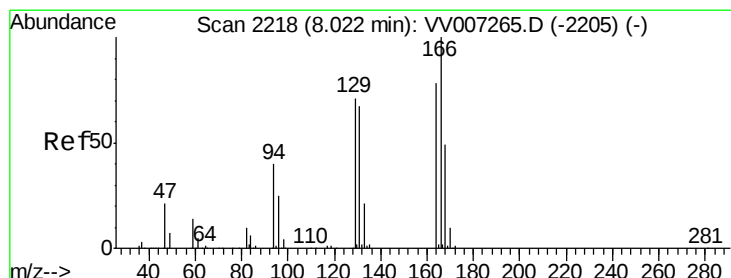
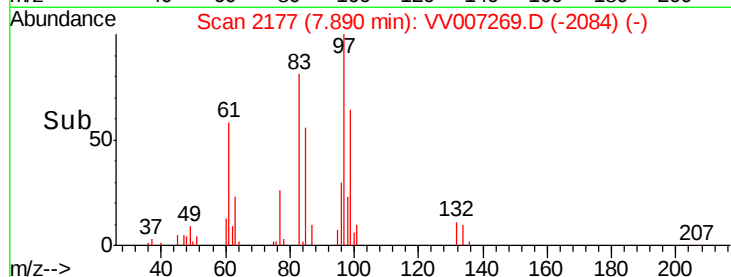
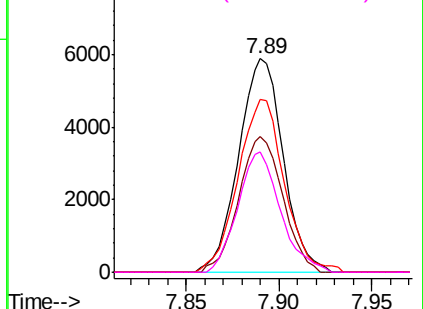
#45
 1,1,2-Trichloroethane
 Concen: 0.543 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	9880
Ion	Ratio	Lower	Upper
97	100		
99	63.7	45.6	84.6
83	80.8	61.4	114.0
85	56.1	39.4	73.2

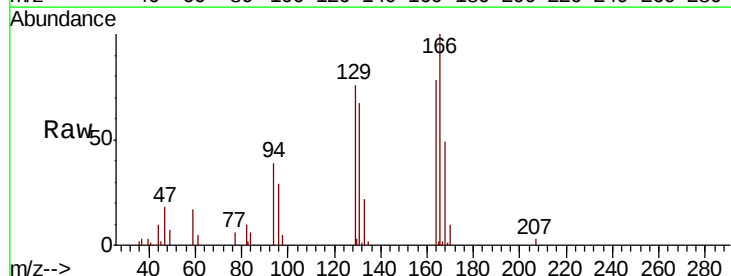


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

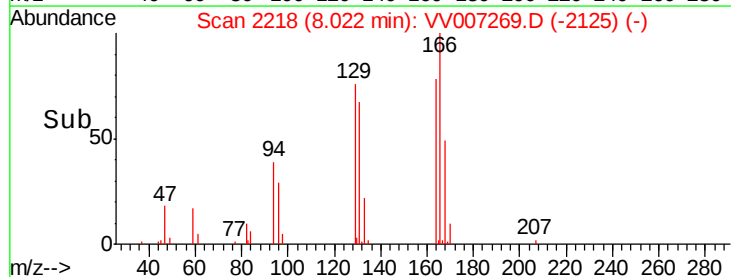
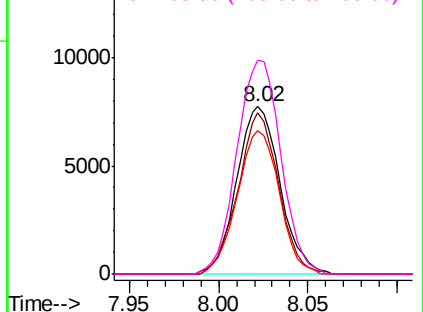


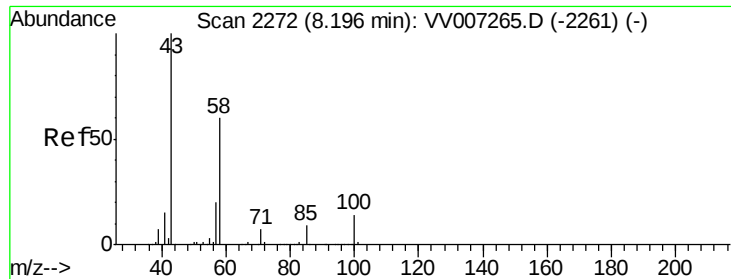
#47
 Tetrachloroethene
 Concen: 0.641 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion:	164	Resp:	13074
Ion	Ratio	Lower	Upper
164	100		
129	96.5	63.8	118.4
131	85.4	60.3	112.1
166	127.5	89.5	166.1



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

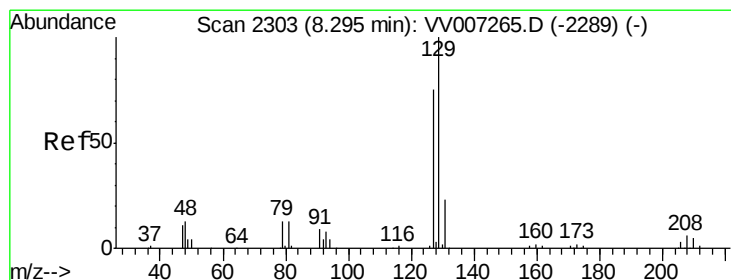
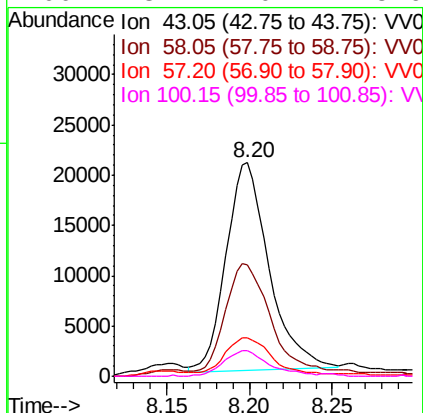
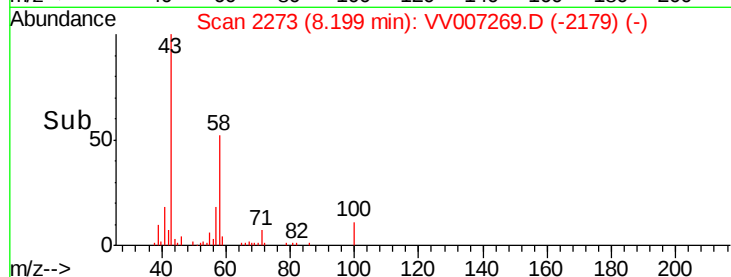
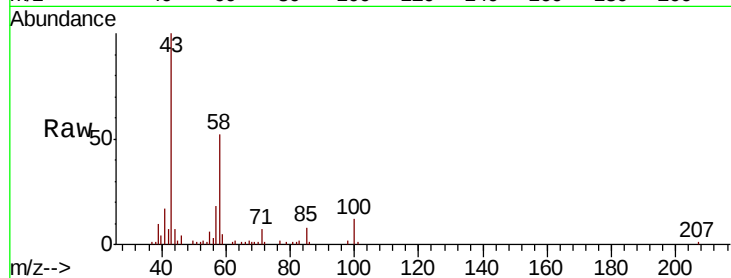




#48
2-Hexanone
Concen: 3.823 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

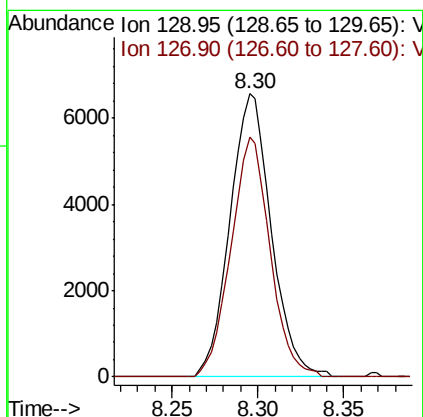
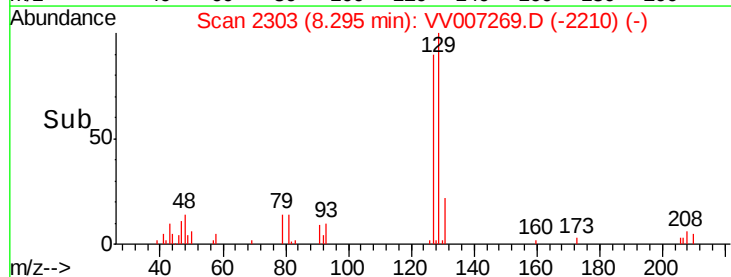
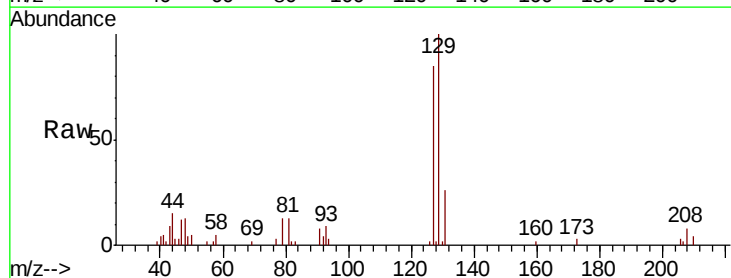
Instrument :
MSVOA_V
ClientSampled :

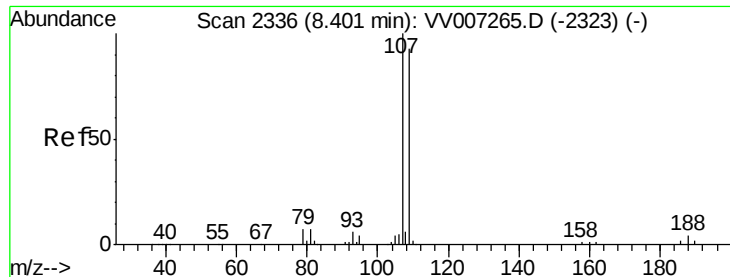
Tot Ion:	43	Resp:	37257
Ion	Ratio	Lower	Upper
43	100		
58	56.7	46.6	69.8
57	19.4	15.4	23.0
100	13.1	10.4	15.6



#49
Dibromochloromethane
Concen: 0.531 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV007269.D
Acq: 30 Aug 2018 17:54

Tgt Ion:	129	Resp:	11000
Ion	Ratio	Lower	Upper
129	100		
127	84.6	52.1	96.9

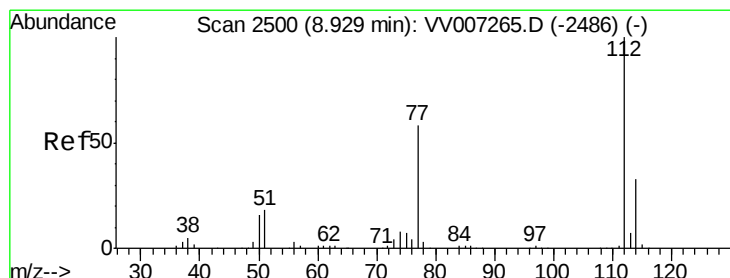
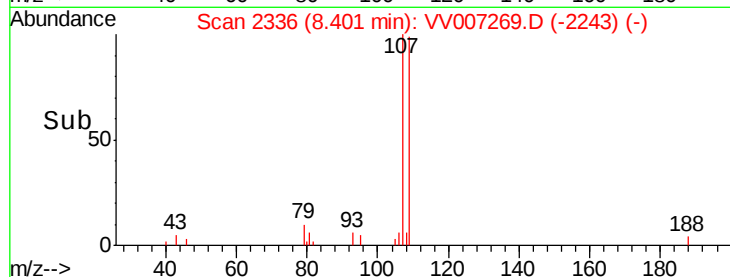
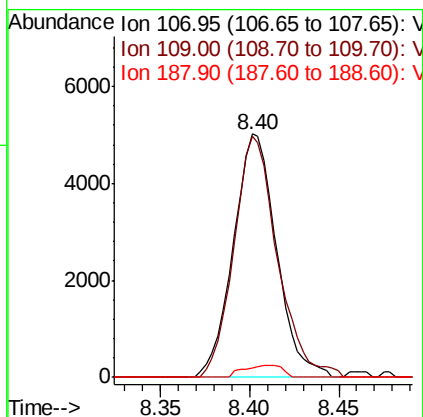
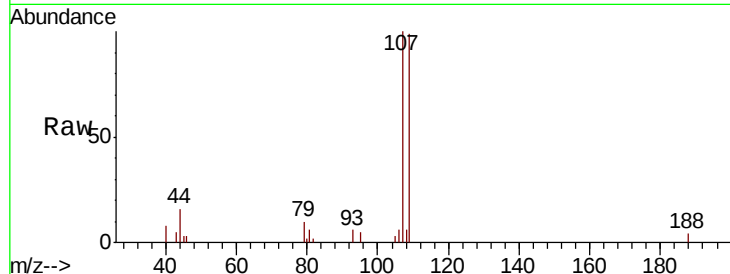




#50
 1,2-Dibromoethane
 Concen: 0.540 ug/L
 RT: 8.40 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

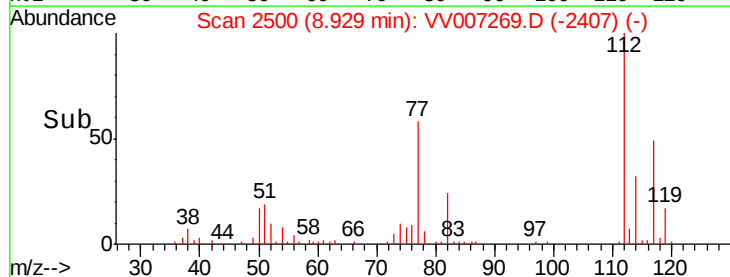
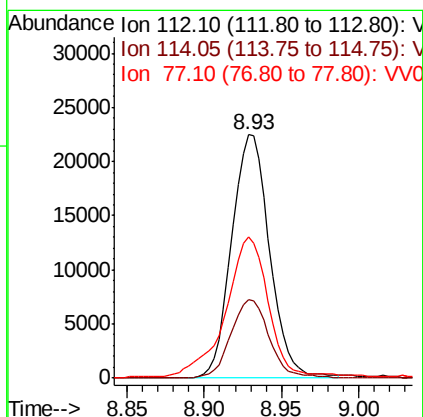
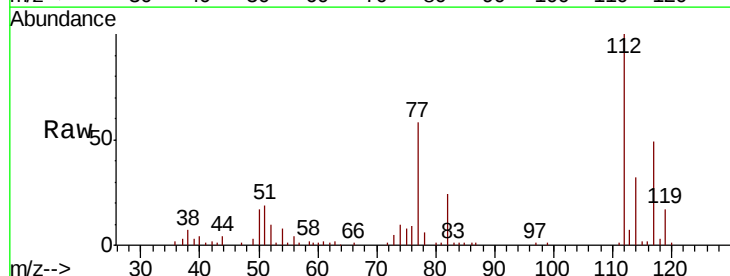
Instrument :
 MSVOA_V
 ClientSampleId :

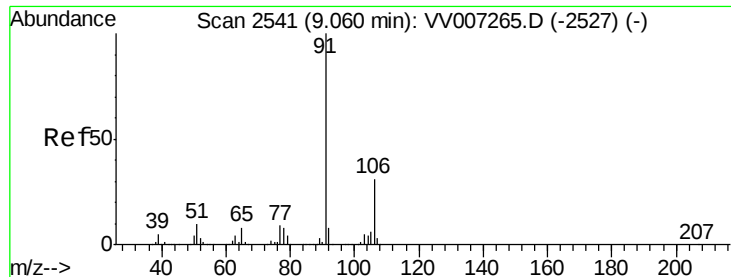
Tot Ion:107 Resp: 8473
 Ion Ratio Lower Upper
 107 100
 109 98.8 65.5 121.6
 188 3.8 3.0 4.6



#51
 Chlorobenzene
 Concen: 0.589 ug/L
 RT: 8.93 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion:112 Resp: 38280
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.7 42.3
 77 57.9 46.7 70.1





#52

Ethylbenzene

Concen: 0.524 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

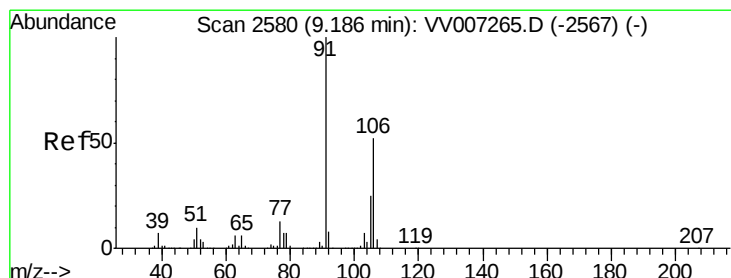
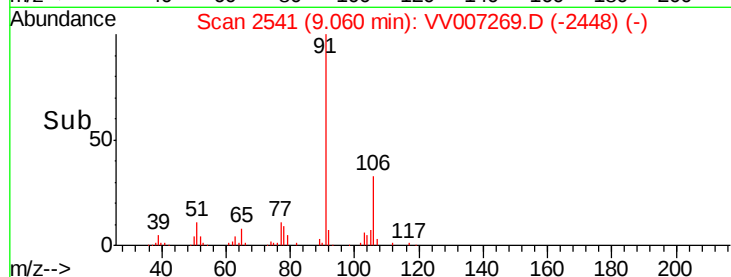
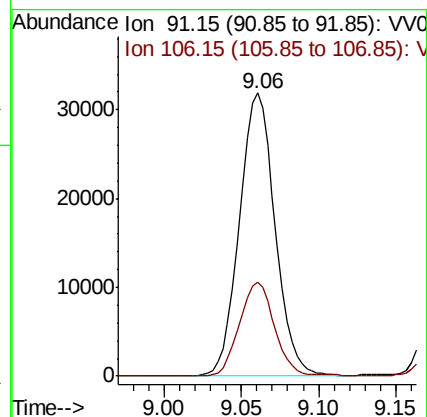
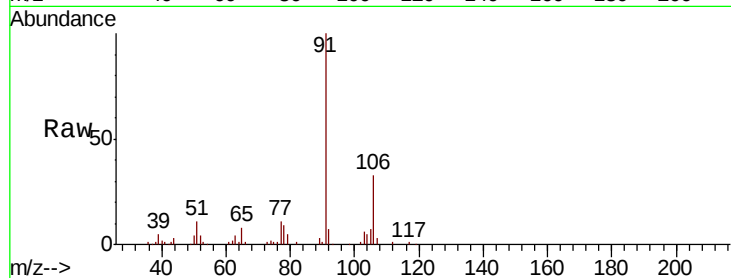
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 50994

Ion Ratio Lower Upper

91 100

106 33.2 21.6 40.2



#53

m,p-xylene

Concen: 0.515 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV007269.D

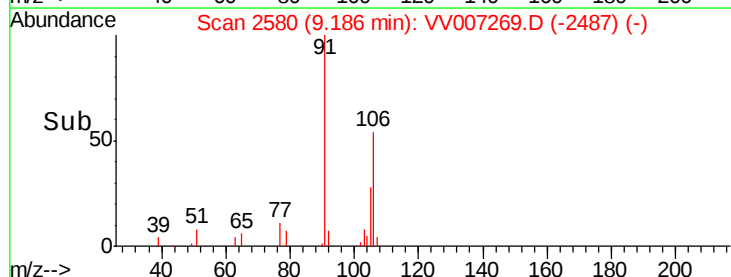
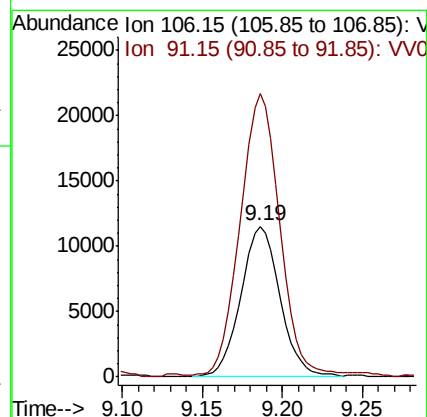
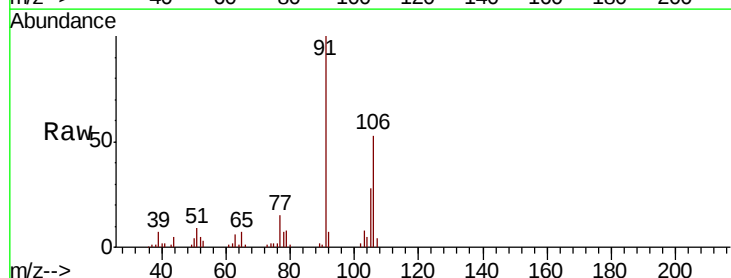
Acq: 30 Aug 2018 17:54

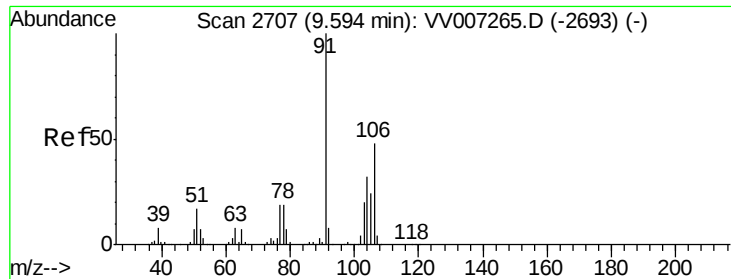
Tgt Ion: 106 Resp: 19293

Ion Ratio Lower Upper

106 100

91 187.8 135.9 252.3





#54

o-xylene

Concen: 0.503 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

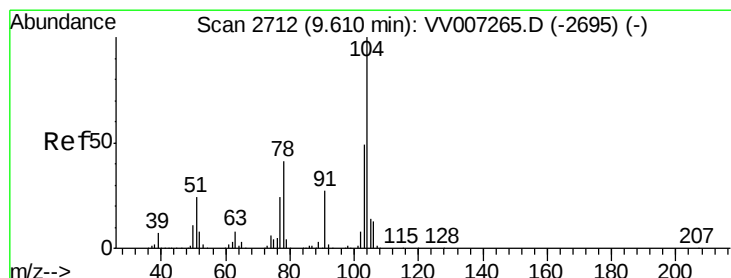
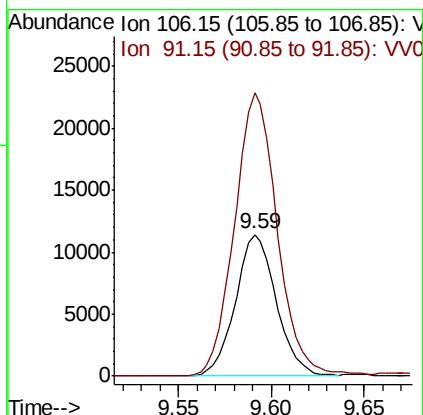
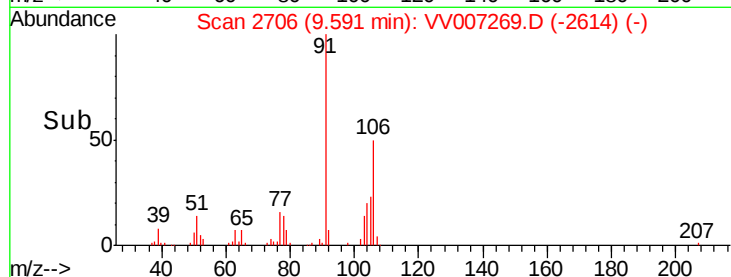
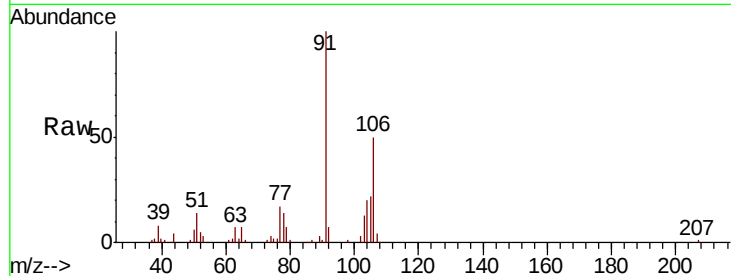
ClientSampled :

Tot Ion:106 Resp: 17442

Ion Ratio Lower Upper

106 100

91 200.1 146.2 271.4



#55

Styrene

Concen: 0.463 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV007269.D

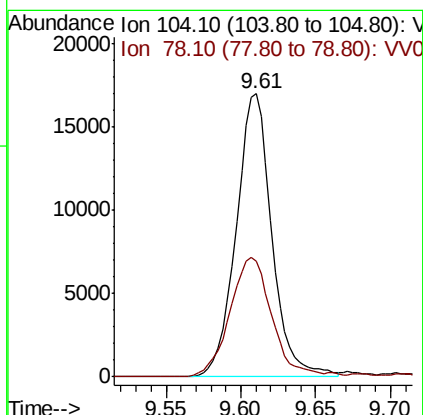
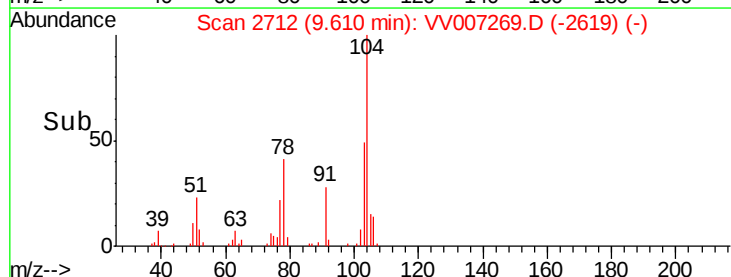
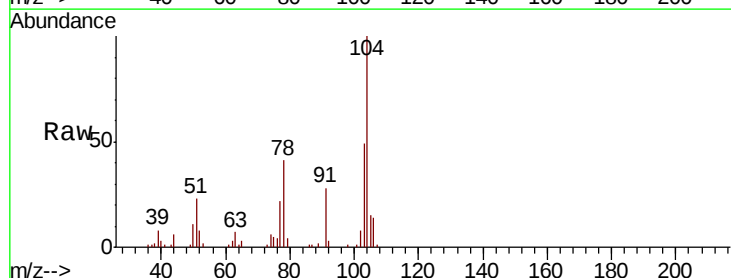
Acq: 30 Aug 2018 17:54

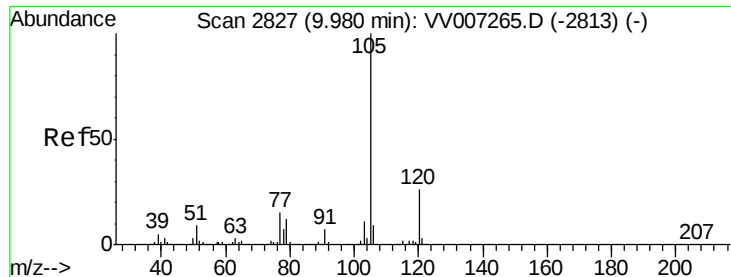
Tgt Ion:104 Resp: 28258

Ion Ratio Lower Upper

104 100

78 40.8 28.8 53.4





#56

Isopropylbenzene

Concen: 0.496 ug/L

RT: 9.98 min Scan# 2827

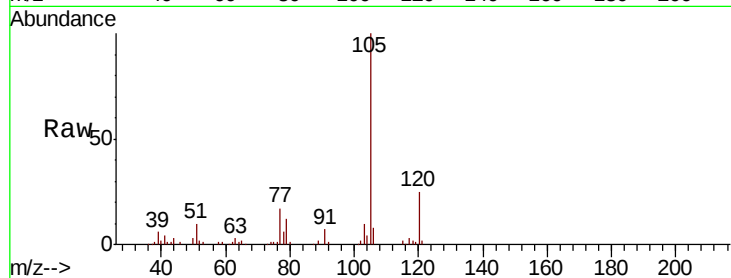
Delta R.T. -0.00 min

Lab File: VV007269.D

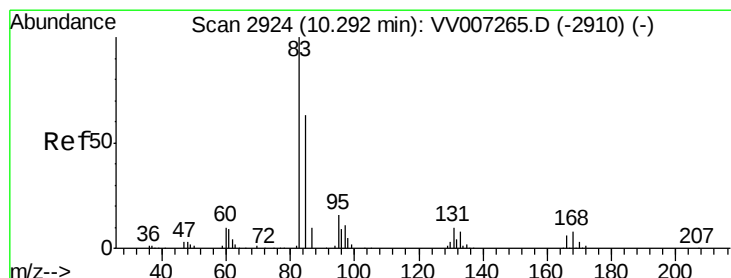
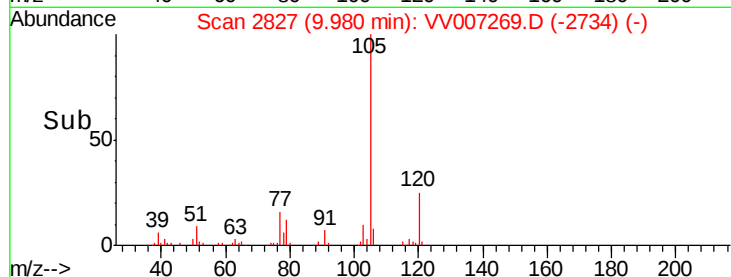
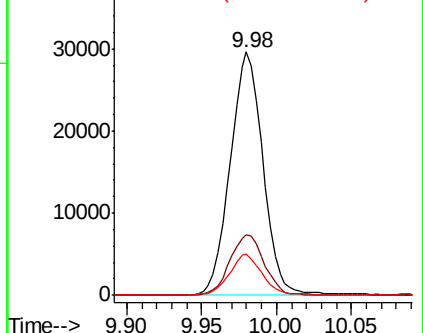
Acq: 30 Aug 2018 17:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	45369
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.2	31.8
77	16.9	12.2	18.2



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: 0.538 ug/L

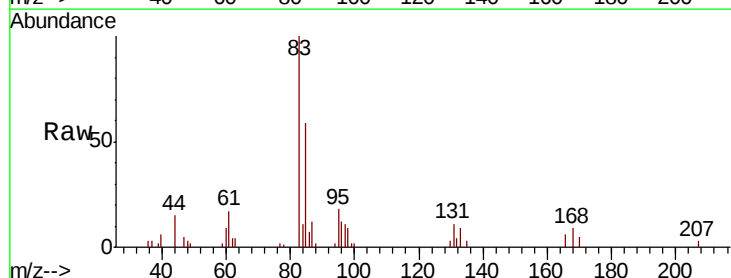
RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

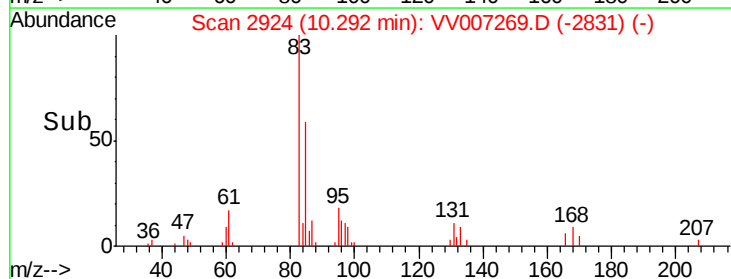
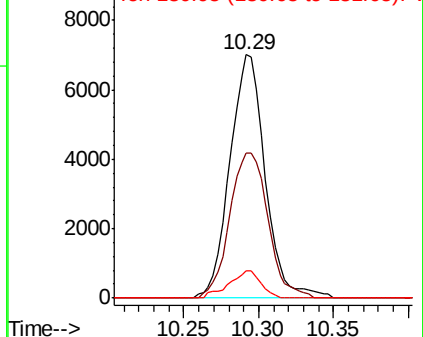
Lab File: VV007269.D

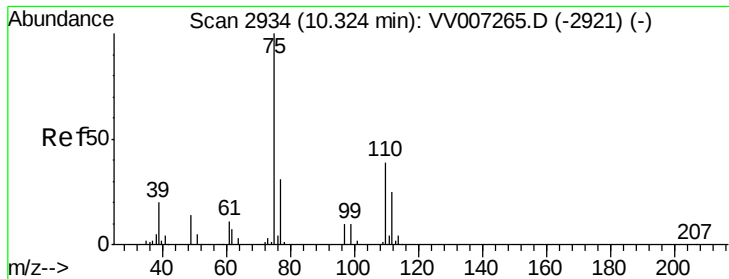
Acq: 30 Aug 2018 17:54

Tgt Ion:	83	Resp:	11490
Ion	Ratio	Lower	Upper
83	100		
85	59.4	44.1	81.9
131	11.4	7.8	11.8



Abundance Ion 82.95 (82.65 to 83.65): V
Ion 85.00 (84.70 to 85.70): V
Ion 130.95 (130.65 to 131.65): V

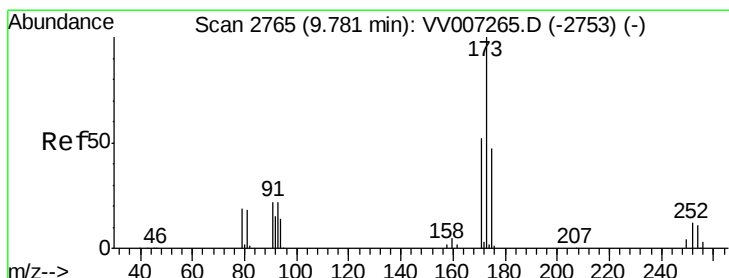
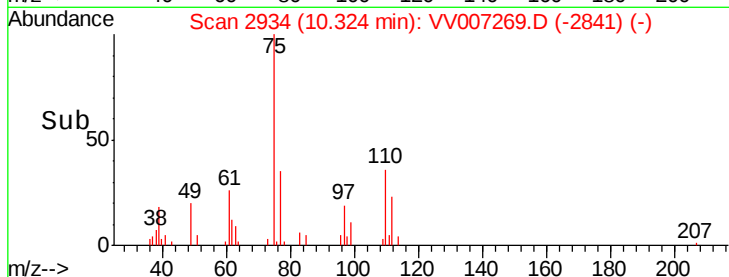
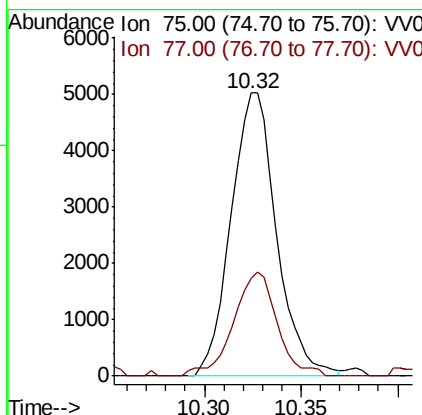
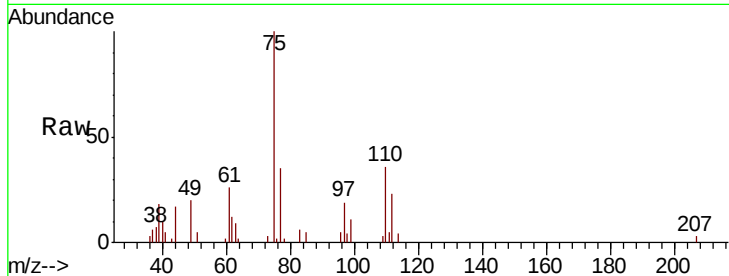




#59
 1,2,3-Trichloropropane
 Concen: 0.538 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

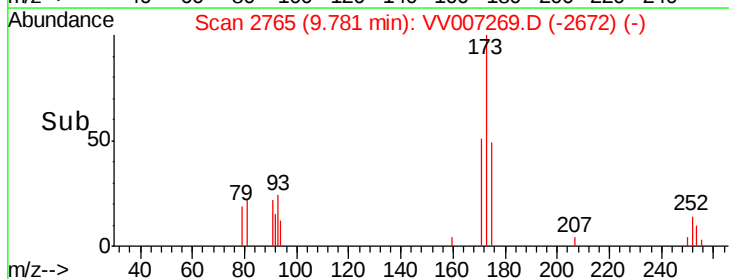
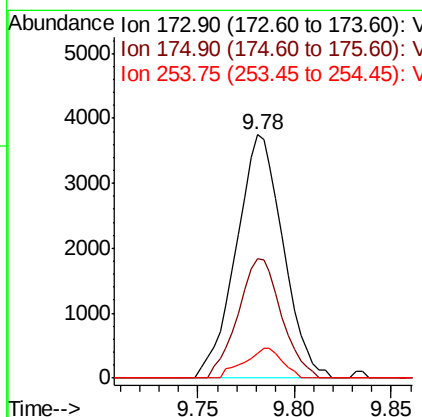
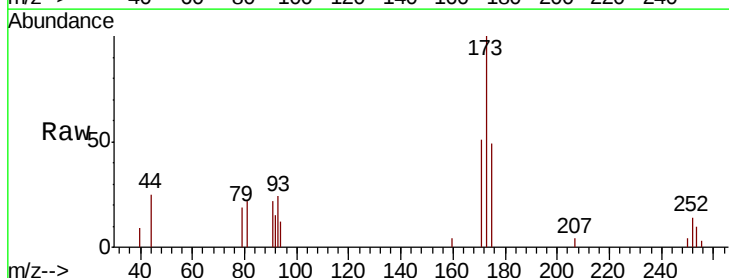
Instrument :
 MSVOA_V
 ClientSampleId :

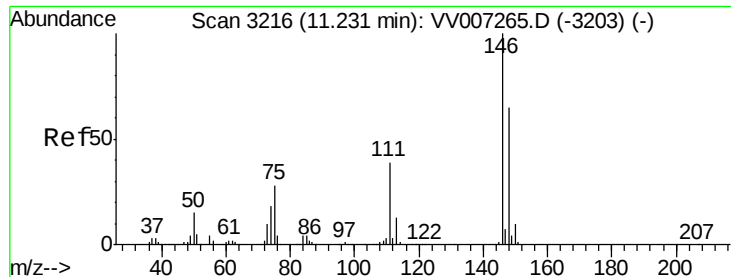
Tot Ion: 75 Resp: 8244
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.3 39.5



#61
 Bromoform
 Concen: 0.608 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion: 173 Resp: 6316
 Ion Ratio Lower Upper
 173 100
 175 45.4 38.8 58.2
 254 10.0 9.0 13.6





#62

1,3-Dichlorobenzene

Concen: 0.612 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

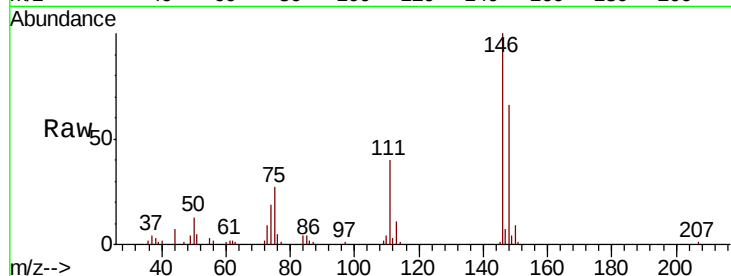
Tot Ion:146 Resp: 25739

Ion Ratio Lower Upper

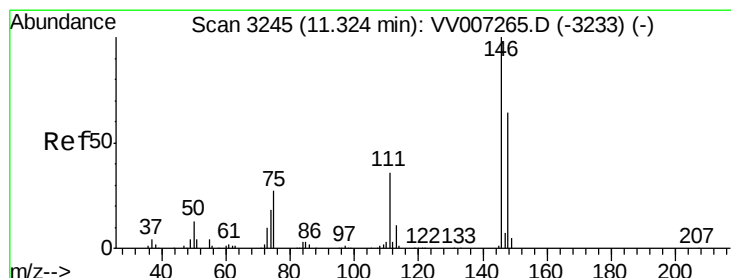
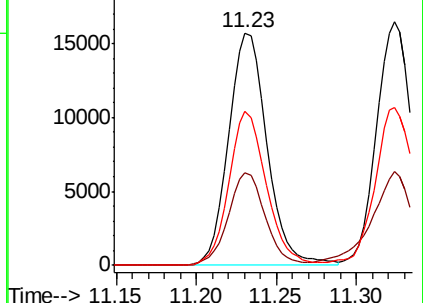
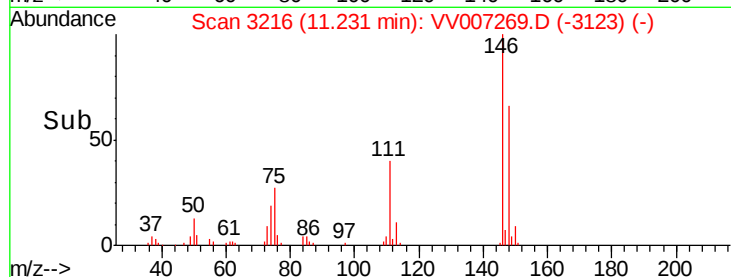
146 100

111 39.7 27.6 51.2

148 66.0 45.3 84.1



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: 0.574 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

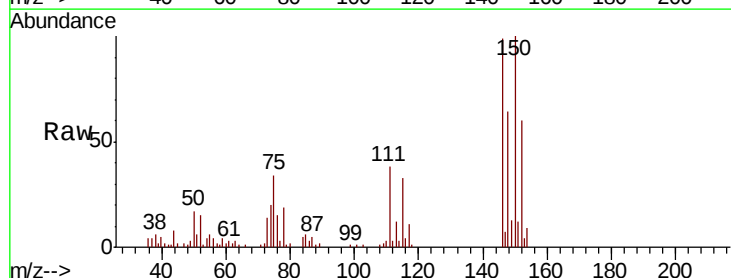
Tgt Ion:146 Resp: 25649

Ion Ratio Lower Upper

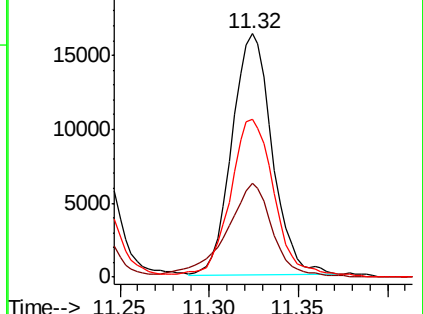
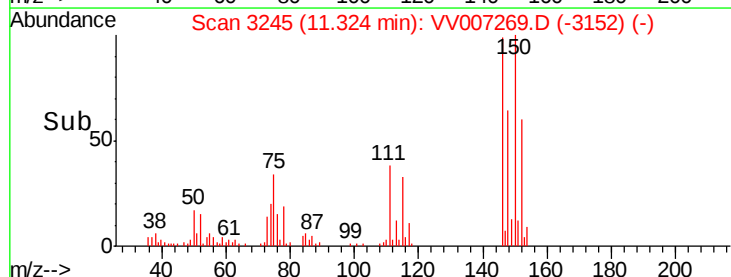
146 100

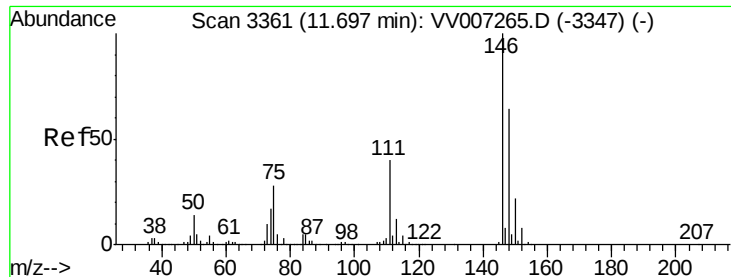
111 38.4 25.6 47.6

148 64.7 45.0 83.6



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





#65

1,2-Dichlorobenzene

Concen: 0.565 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

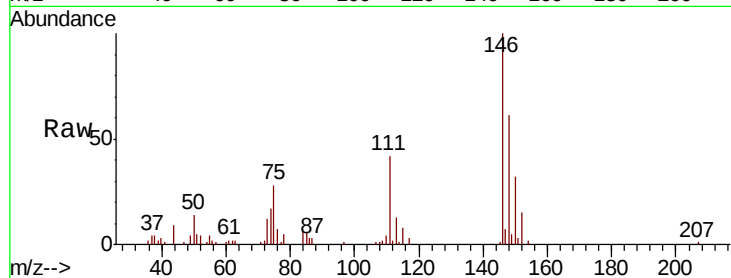
Tot Ion:146 Resp: 23878

Ion Ratio Lower Upper

146 100

111 41.9 32.1 48.1

148 60.8 50.8 76.2

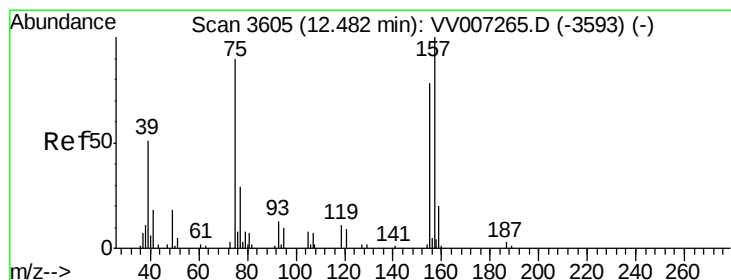
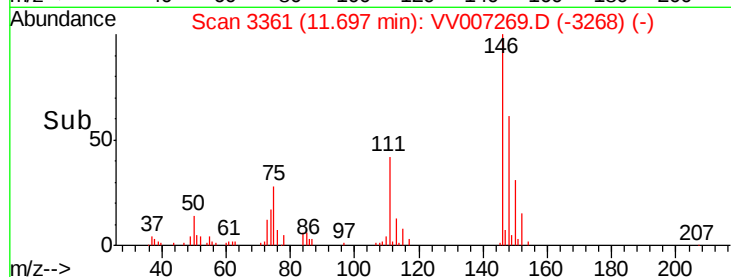
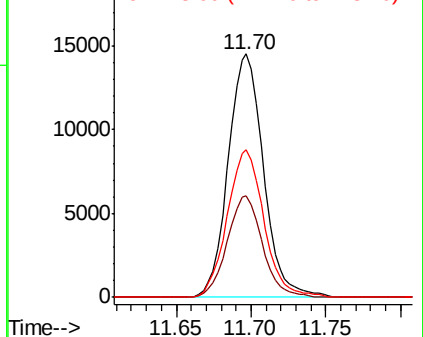


Abundance

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: 0.630 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

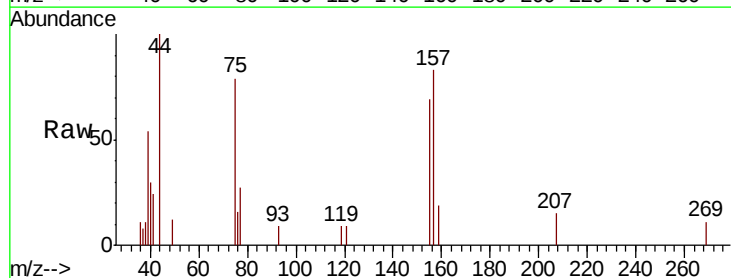
Tgt Ion: 75 Resp: 1595

Ion Ratio Lower Upper

75 100

155 88.2 69.5 104.3

157 105.5 89.1 133.7

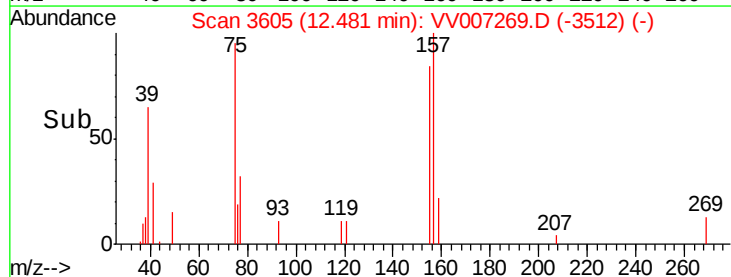
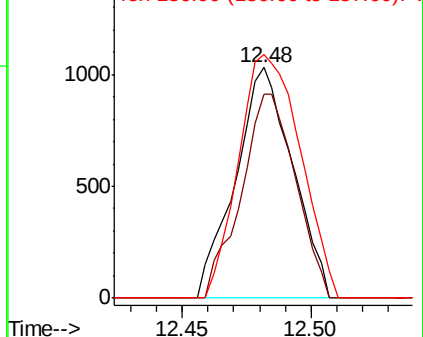


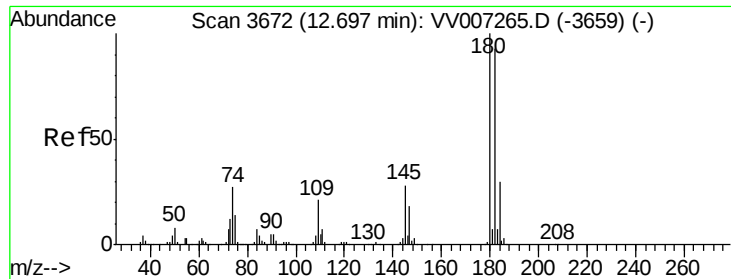
Abundance

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

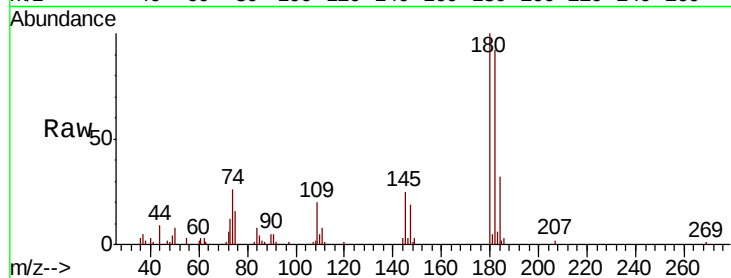




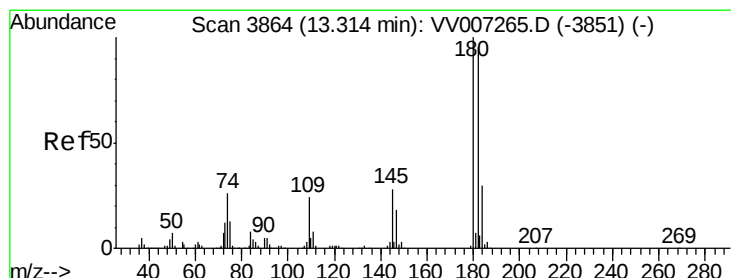
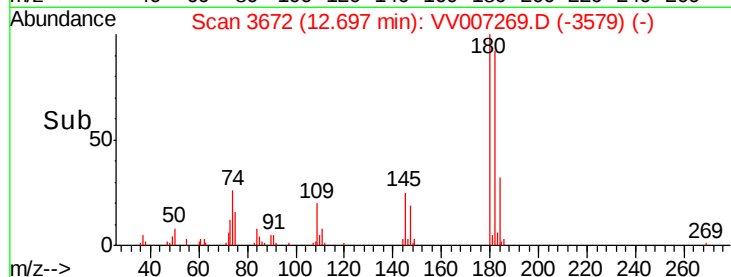
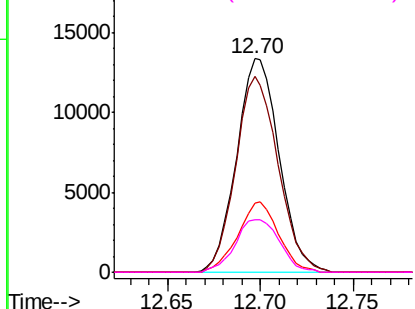
#67
 1,3,5-Trichlorobenzene
 Concen: 0.676 ug/L
 RT: 12.70 min Scan# 3672
 Delta R.T. -0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	21289
Ion	Ratio	Lower Upper
180	100	
182	91.2	75.2 112.8
184	31.4	23.8 35.6
145	25.7	22.2 33.4

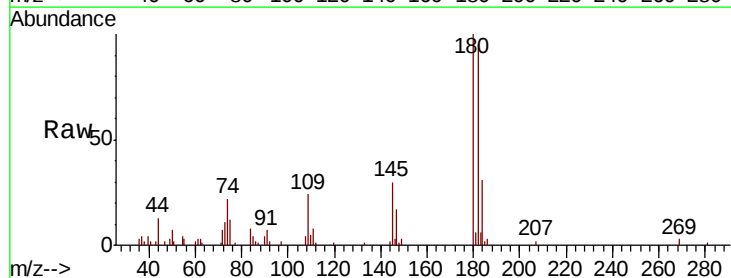


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

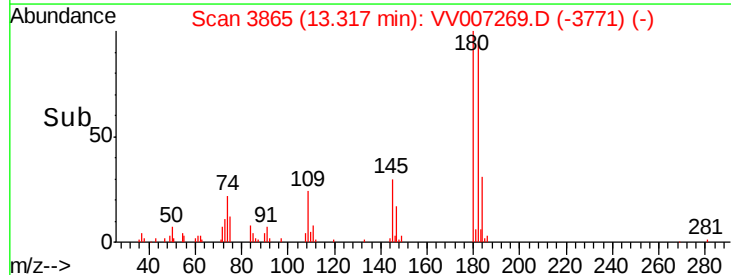
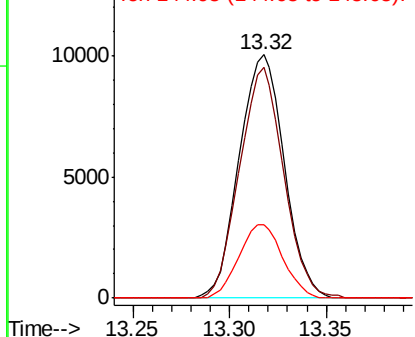


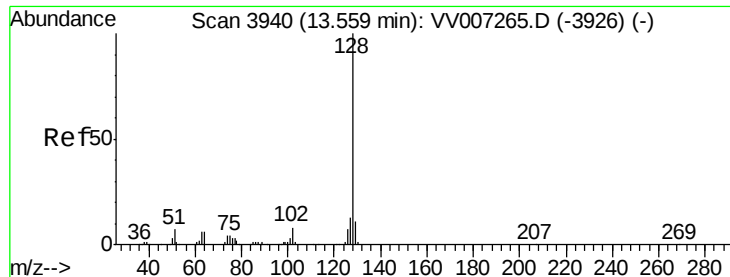
#68
 1,2,4-trichlorobenzene
 Concen: 0.750 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV007269.D
 Acq: 30 Aug 2018 17:54

Tgt Ion:180	Resp:	16272
Ion	Ratio	Lower Upper
180	100	
182	92.6	76.3 114.5
145	29.4	22.4 33.6



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: 0.648 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

Instrument :

MSVOA_V

ClientSampled :

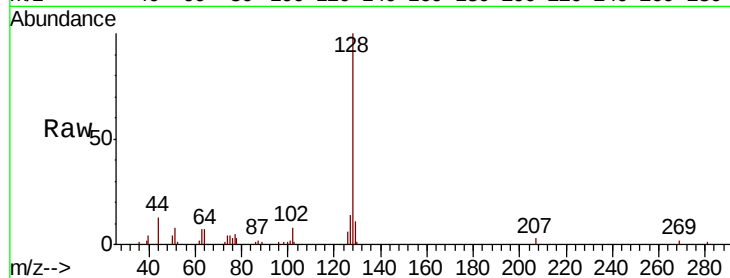
Tot Ion:128 Resp: 18508

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

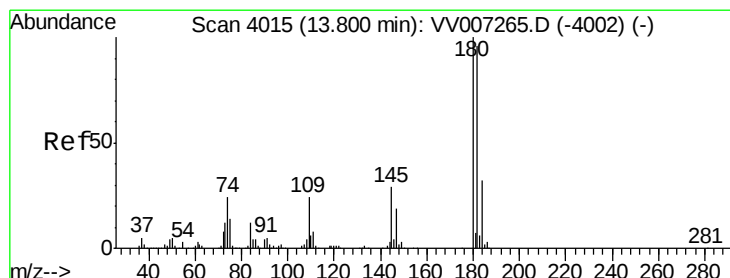
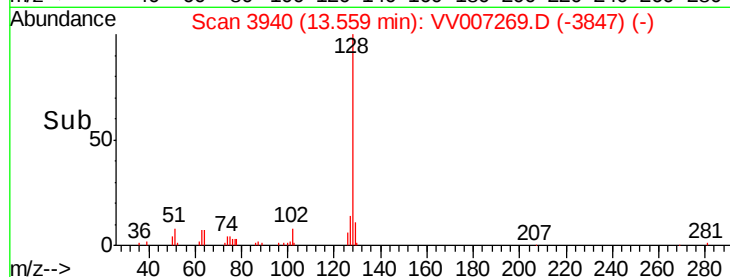
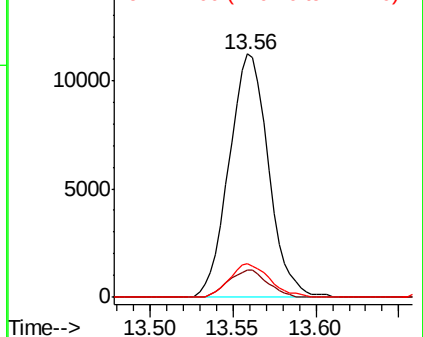
127 14.0 10.6 16.0



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: 0.706 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV007269.D

Acq: 30 Aug 2018 17:54

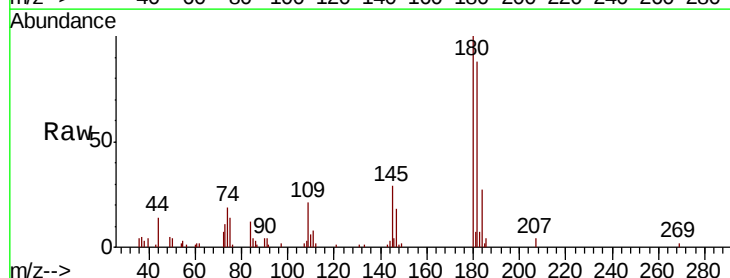
Tgt Ion:180 Resp: 14982

Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

145 30.1 24.8 37.2



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

