

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006928.D
 Acq On : 08 Aug 2018 05:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:12:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208965	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58439	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	55126	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	119770	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	3.97	46	229213	57.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.66%
24) Chloroform-d	4.41	84	138390	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.09	65	73067	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	251779	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	88066	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	222882	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.67	79	27892	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.15	63	131648	54.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73749	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75313	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	88344	5.215 ug/L	99
3) Chloromethane	1.25	50	85864	3.824 ug/L	97
5) Vinyl chloride	1.32	62	96398	4.908 ug/L	99
6) Bromomethane	1.54	94	20209	4.307 ug/L	98
8) Chloroethane	1.60	64	60126	4.858 ug/L	100
9) Trichlorofluoromethane	1.77	101	120442	5.030 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72043	4.982 ug/L	95
12) 1,1-Dichloroethene	2.14	96	68637	4.965 ug/L	94
13) Acetone	2.21	43	126958	48.652 ug/L	97
14) Carbon disulfide	2.32	76	208819	4.917 ug/L	99
15) Methyl Acetate	2.47	43	34240	4.777 ug/L	95
16) Methylene chloride	2.54	84	80077	4.459 ug/L	94
17) Methyl tert-butyl Ether	2.82	73	187439	5.222 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	76327	5.085 ug/L	99
19) 1,1-Dichloroethane	3.23	63	141419	4.881 ug/L	99
21) 2-Butanone	4.06	43	244648	56.973 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	80438	5.356 ug/L	99

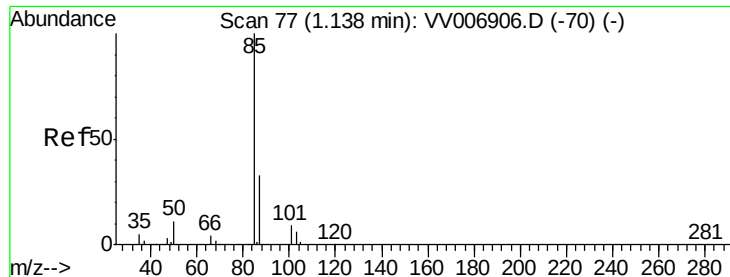
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006928.D
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35020	5.666	ug/L	92
25) Chloroform	4.43	83	148079	5.264	ug/L	97
27) 1,2-Dichloroethane	5.19	62	93746	5.160	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	120917	5.030	ug/L	99
30) Cyclohexane	4.73	56	114855	4.792	ug/L	97
31) Carbon tetrachloride	4.88	117	102498	5.063	ug/L	99
33) Benzene	5.15	78	320861	5.131	ug/L	100
34) Trichloroethene	5.96	95	75870	5.215	ug/L	98
35) Methylcyclohexane	6.18	83	109135	4.832	ug/L	98
37) 1,2-Dichloropropane	6.23	63	90075	5.183	ug/L	99
38) Bromodichloromethane	6.56	83	99541	5.045	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	93997	4.731	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	538603	55.502	ug/L	98
42) Toluene	7.44	91	311737	5.319	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	81011	4.852	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	58910	5.403	ug/L	99
47) Tetrachloroethene	8.02	164	62682	5.663	ug/L	96
48) 2-Hexanone	8.20	43	408970	60.271	ug/L	97
49) Dibromochloromethane	8.30	129	63265	5.484	ug/L	93
50) 1,2-Dibromoethane	8.40	107	50411	5.525	ug/L	98
51) Chlorobenzene	8.93	112	187976	5.270	ug/L	98
52) Ethylbenzene	9.06	91	297689	5.148	ug/L	100
53) m,p-xylene	9.19	106	109927	5.283	ug/L	93
54) o-xylene	9.59	106	106220	5.207	ug/L	99
55) Styrene	9.61	104	177536	5.360	ug/L	98
56) Isopropylbenzene	9.98	105	273643	5.163	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	75787	5.361	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	55053	5.553	ug/L	97
61) Bromoform	9.78	173	33630	5.192	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	128919	5.125	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	132298	5.328	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	132773	5.300	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10635	4.867	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.70	180	99448	5.261	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	73667	5.524	ug/L	94
69) Naphthalene	13.56	128	110030	5.269	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	72822	5.516	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 5.215 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

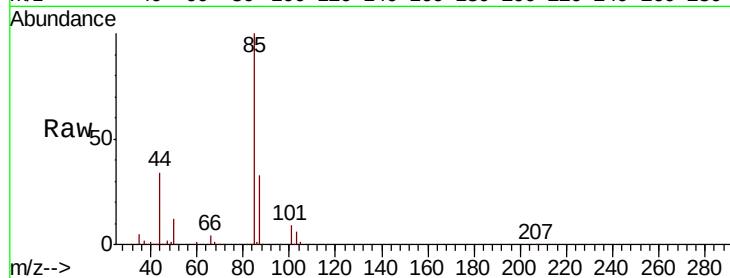
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 88344

Ion Ratio Lower Upper

85 100

87 32.9 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VV006928.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006928.D (-70) (-)

1.14

100000

80000

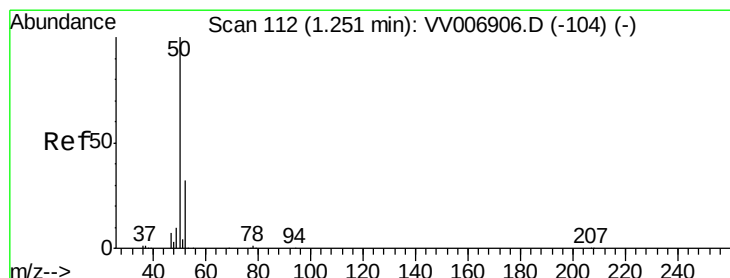
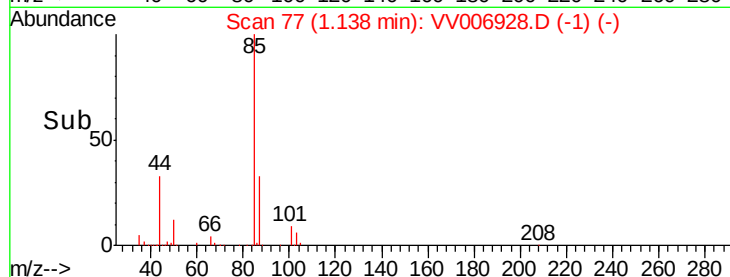
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 3.824 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV006928.D

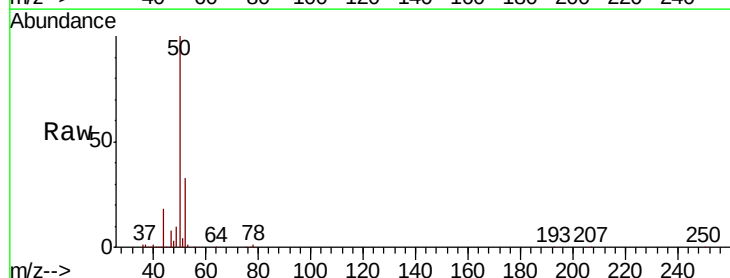
Acq: 08 Aug 2018 05:18

Tgt Ion: 50 Resp: 85864

Ion Ratio Lower Upper

50 100

52 33.3 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV006928.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006928.D (-104) (-)

1.25

100000

80000

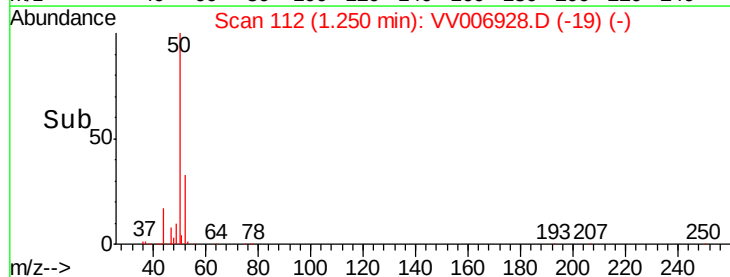
60000

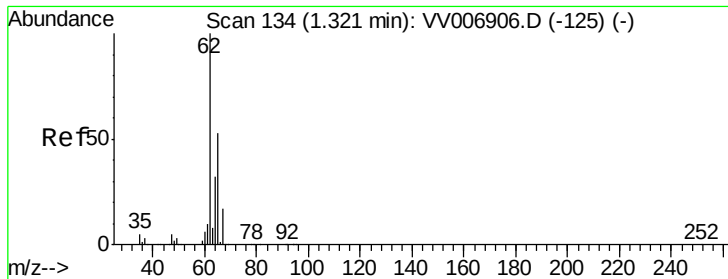
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 4.908 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

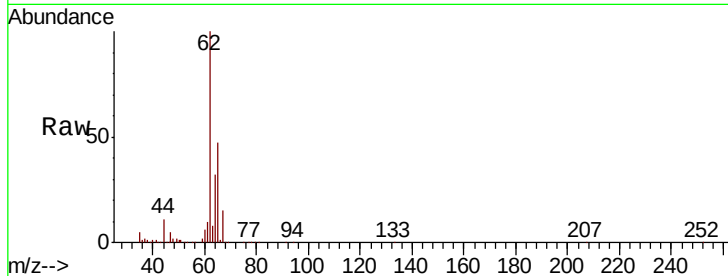
ClientSampled :

Tot Ion: 62 Resp: 96398

Ion Ratio Lower Upper

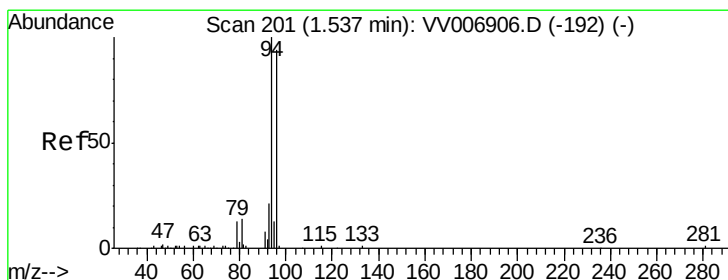
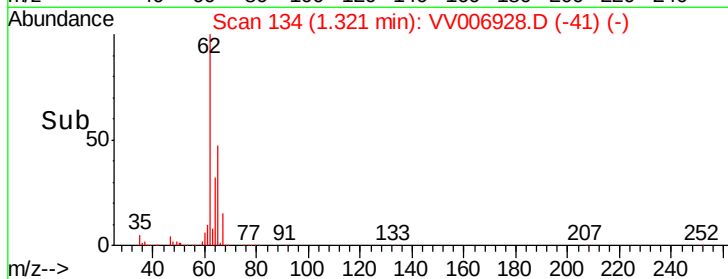
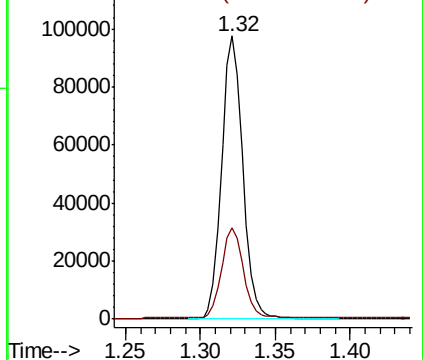
62 100

64 32.1 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 4.307 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV006928.D

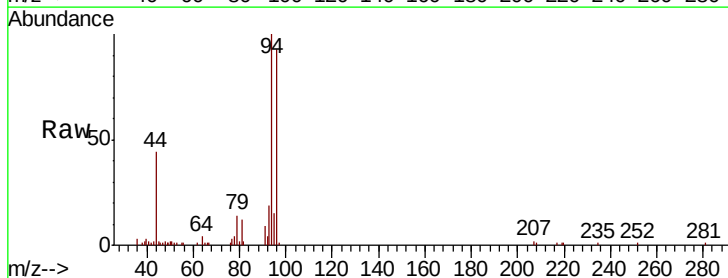
Acq: 08 Aug 2018 05:18

Tgt Ion: 94 Resp: 20209

Ion Ratio Lower Upper

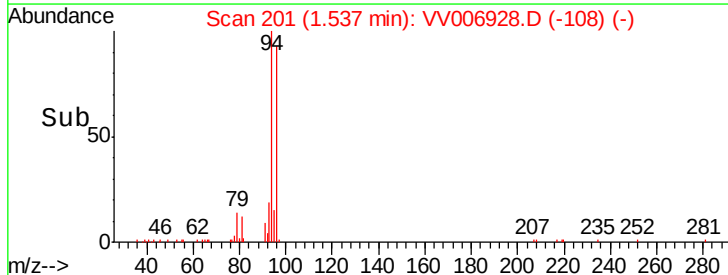
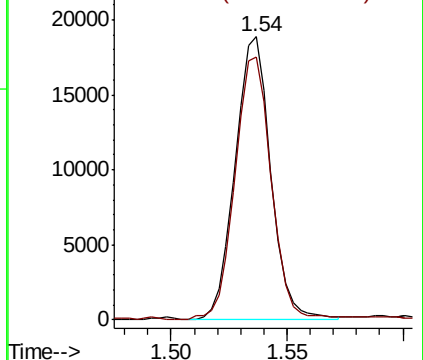
94 100

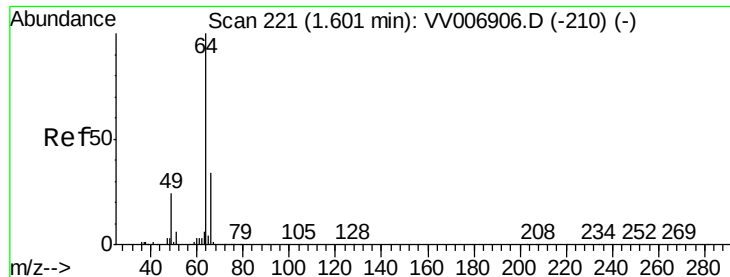
96 93.1 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 4.858 ug/L

RT: 1.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

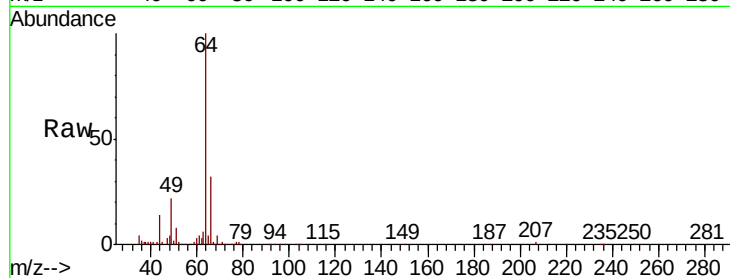
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 60126

Ion Ratio Lower Upper

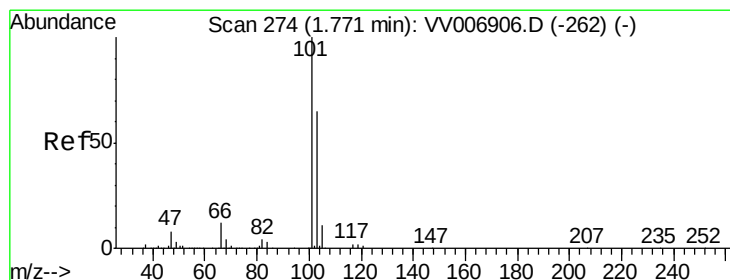
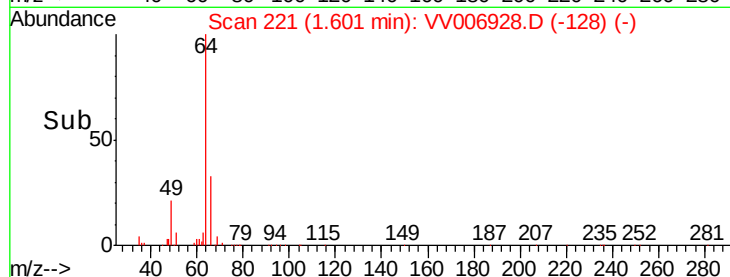
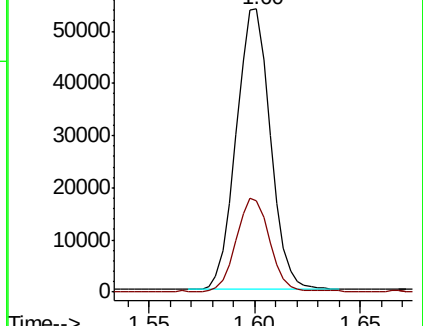
64 100

66 32.4 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VV006928.D (-128) (-)

Ion 66.05 (65.75 to 66.75): VV006928.D (-128) (-)



#9

Trichlorofluoromethane

Concen: 5.030 ug/L

RT: 1.77 min Scan# 273

Delta R.T. -0.00 min

Lab File: VV006928.D

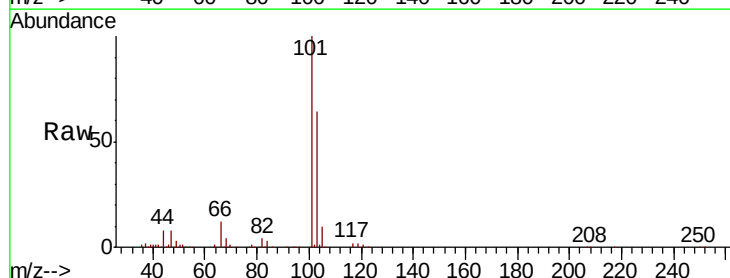
Acq: 08 Aug 2018 05:18

Tgt Ion: 101 Resp: 120442

Ion Ratio Lower Upper

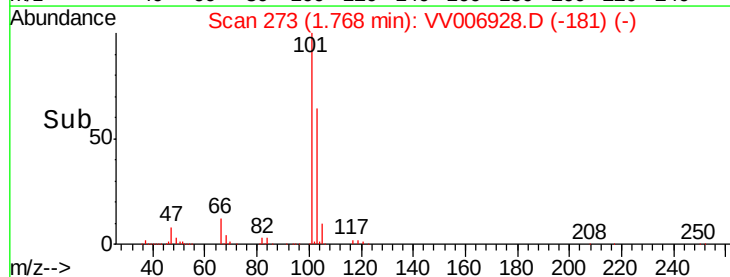
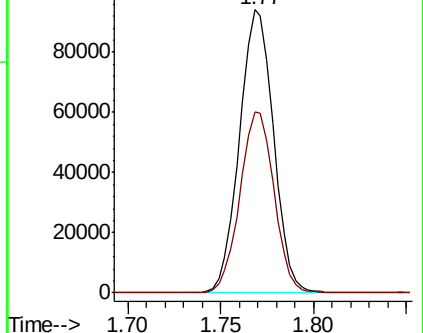
101 100

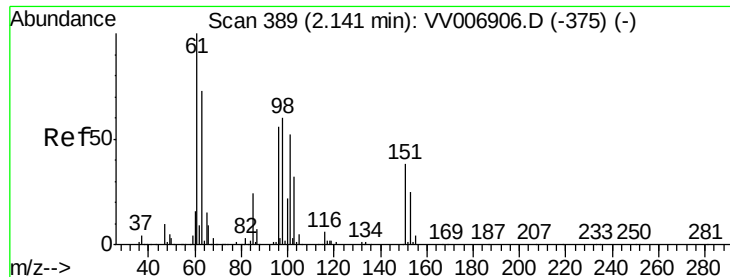
103 64.2 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VV006928.D (-181) (-)

Ion 103.00 (102.70 to 103.70): VV006928.D (-181) (-)





#10

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

Concen: 4.982 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

ClientSampled :

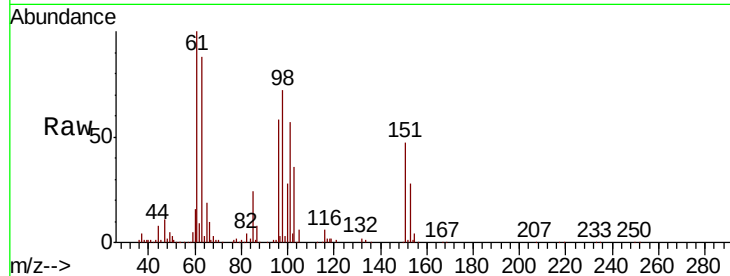
Tot Ion:101 Resp: 72043

Ion Ratio Lower Upper

101 100

85 42.8 36.2 54.4

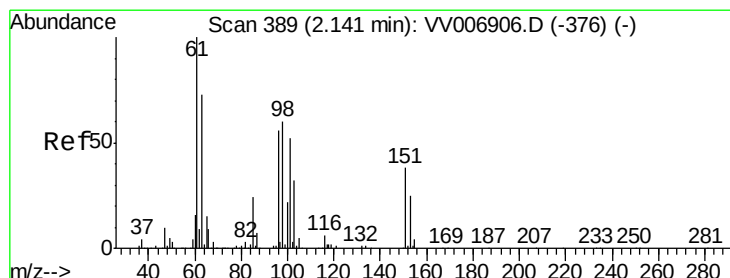
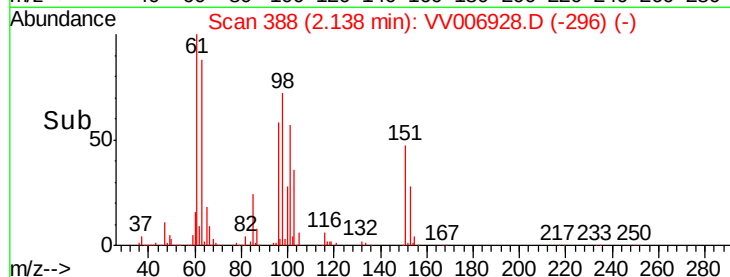
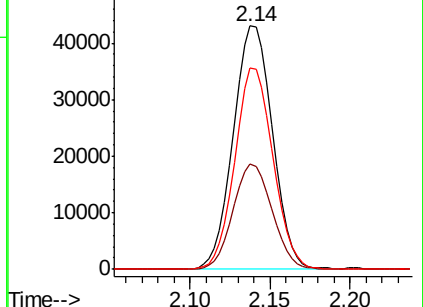
151 80.3 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV006928.D (-296) (-)

Ion 85.00 (84.70 to 85.70): VV006928.D (-296) (-)

Ion 151.00 (150.70 to 151.70): VV006928.D (-296) (-)



#12

1,1-Dichloroethene

Concen: 4.965 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

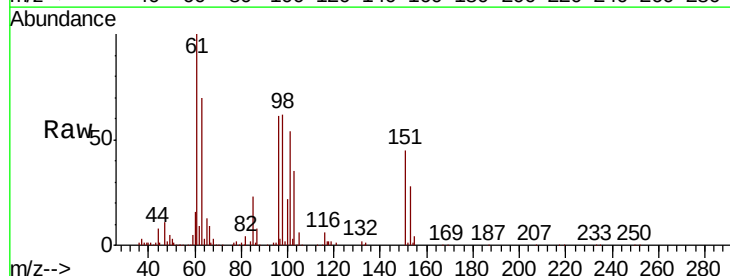
Tgt Ion: 96 Resp: 68637

Ion Ratio Lower Upper

96 100

61 164.9 119.0 221.0

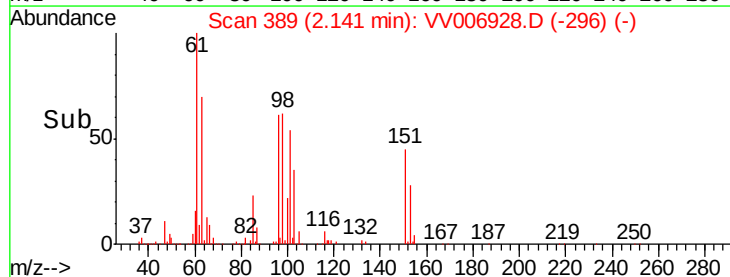
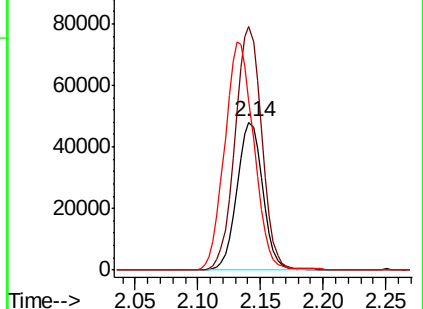
63 115.1 73.6 136.6

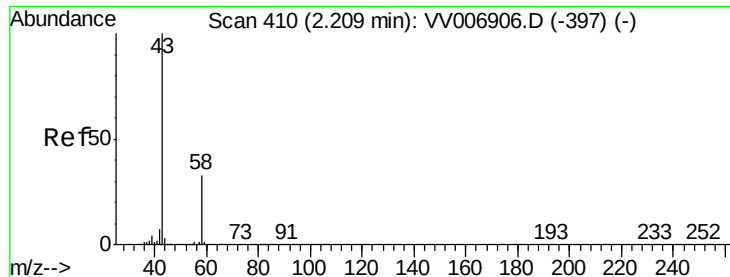


Abundance Ion 96.00 (95.70 to 96.70): VV006928.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VV006928.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VV006928.D (-296) (-)





#13

Acetone

Concen: 48.652 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

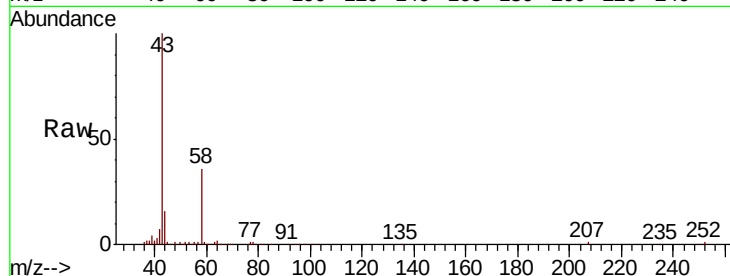
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 126958

Ion Ratio Lower Upper

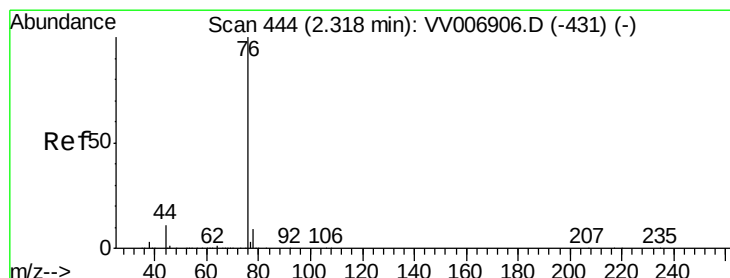
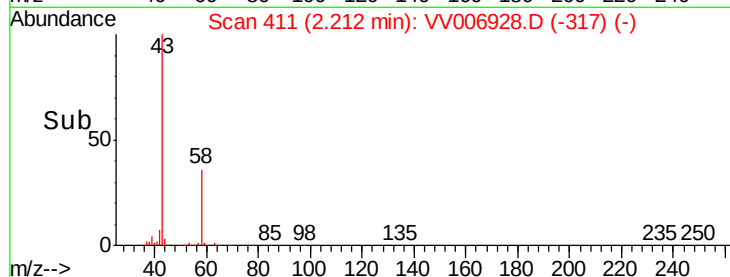
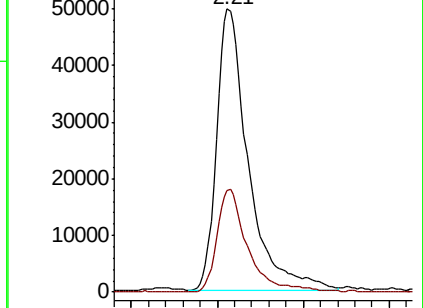
43 100

58 35.5 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006928.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006928.D (-397) (-)



#14

Carbon disulfide

Concen: 4.917 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006928.D

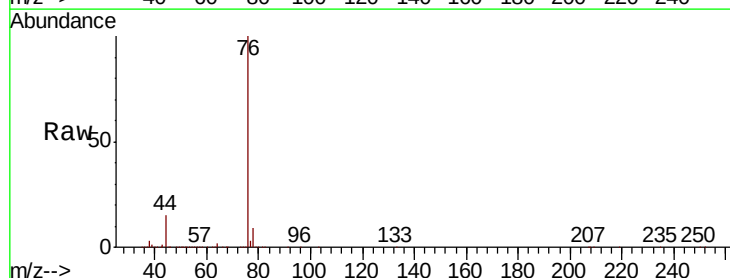
Acq: 08 Aug 2018 05:18

Tgt Ion: 76 Resp: 208819

Ion Ratio Lower Upper

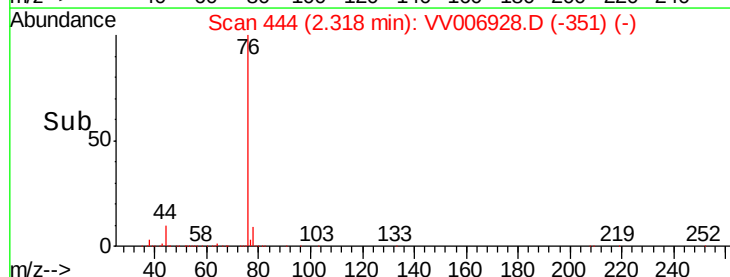
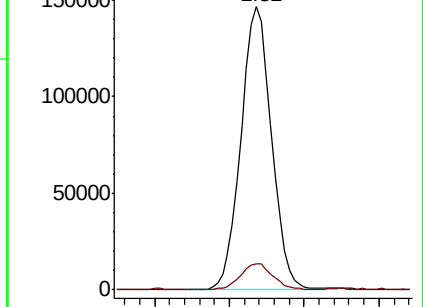
76 100

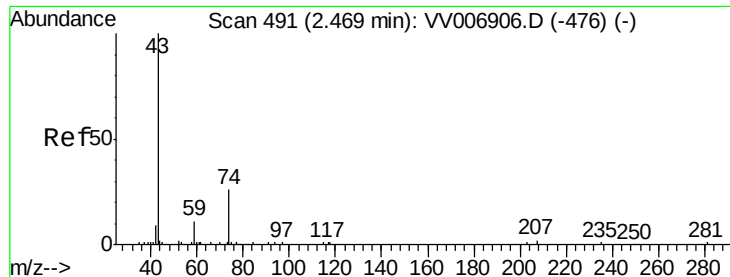
78 9.4 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VV006928.D (-351) (-)

Ion 78.00 (77.70 to 78.70): VV006928.D (-351) (-)

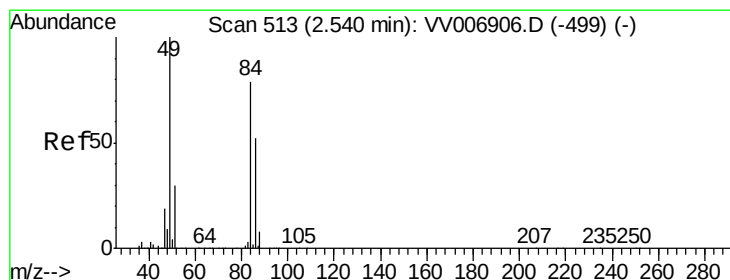
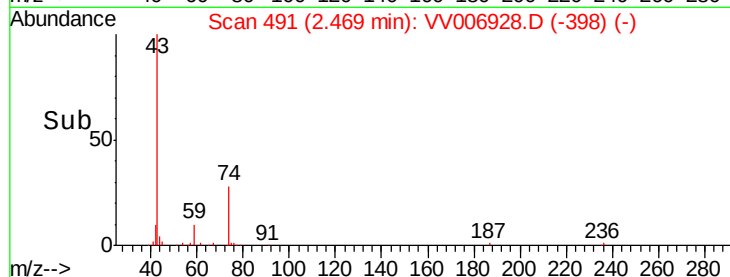
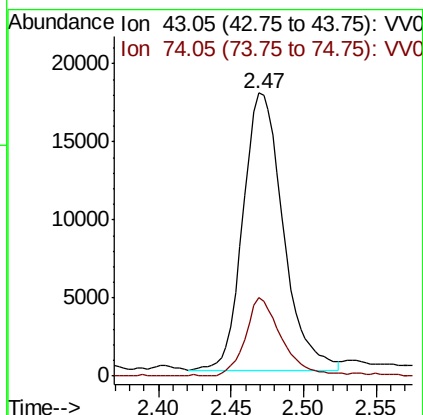
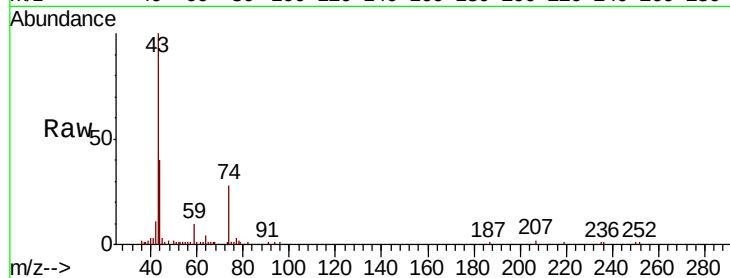




#15
Methvl Acetate
Concen: 4.777 ug/L
RT: 2.47 min Scan# 491
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

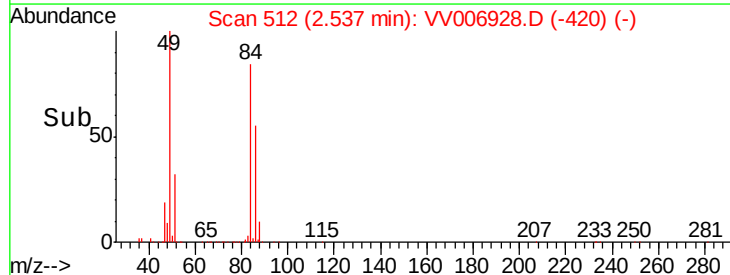
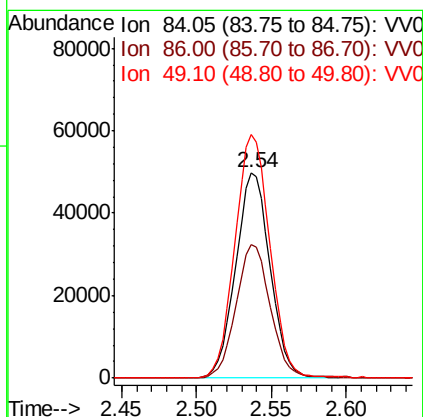
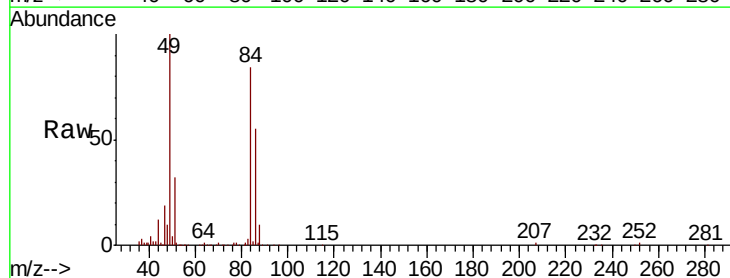
Instrument :
MSVOA_V
ClientSampleId :

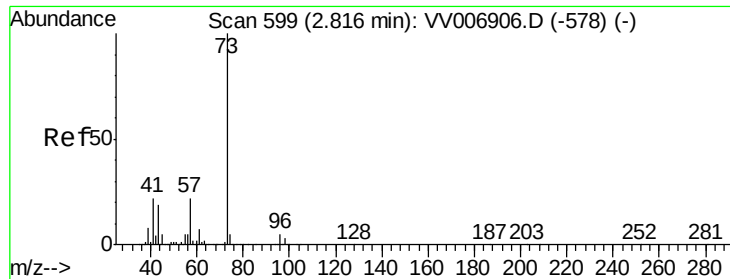
Tot Ion: 43 Resp: 34240
Ion Ratio Lower Upper
43 100
74 25.6 18.6 27.8



#16
Methylene chloride
Concen: 4.459 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion: 84 Resp: 80077
Ion Ratio Lower Upper
84 100
86 65.2 43.6 81.0
49 118.6 88.6 164.6

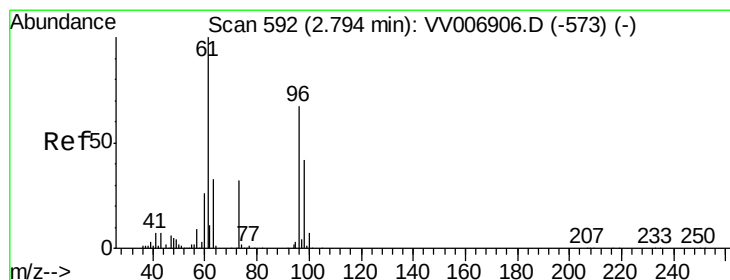
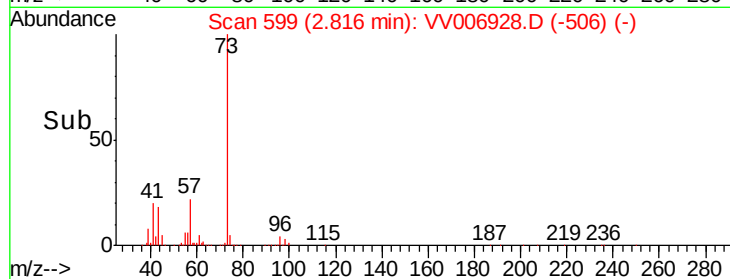
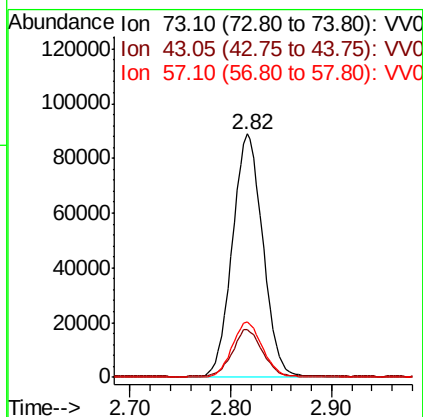
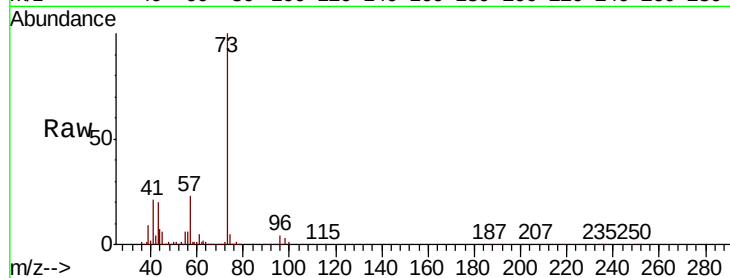




#17
Methyl tert-butyl Ether
Concen: 5.222 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

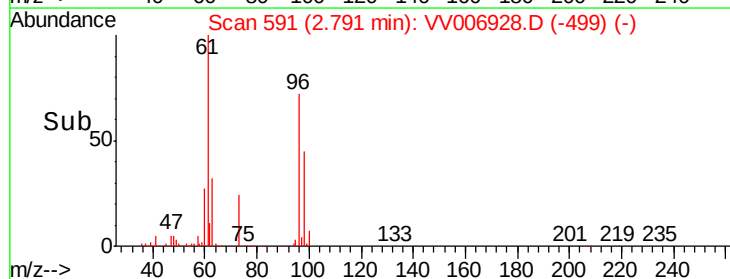
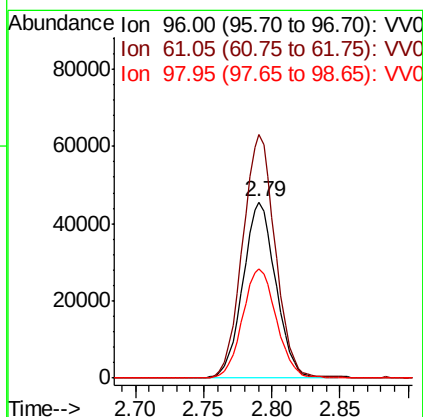
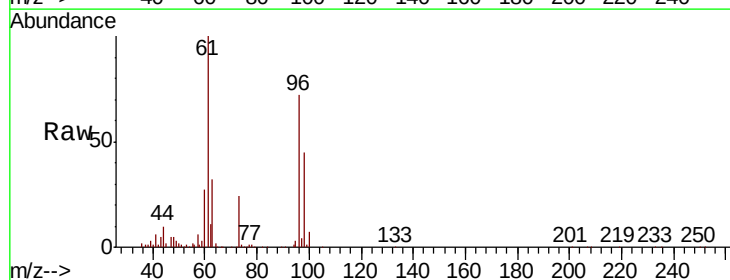
Instrument :
MSVOA_V
ClientSampleId :

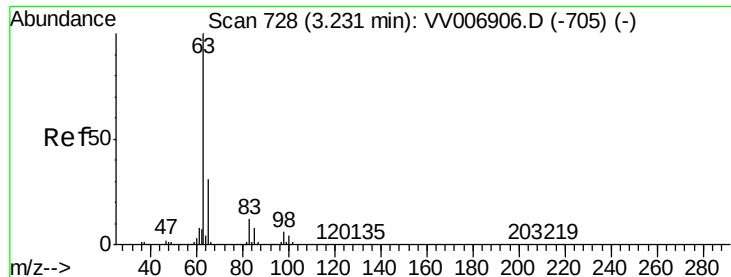
Tot Ion:	73	Resp:	187439
Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.3	22.9
57	22.3	18.8	28.2



#18
trans-1,2-Dichloroethene
Concen: 5.085 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion:	96	Resp:	76327
Ion	Ratio	Lower	Upper
96	100		
61	138.2	97.3	180.7
98	61.7	42.8	79.6

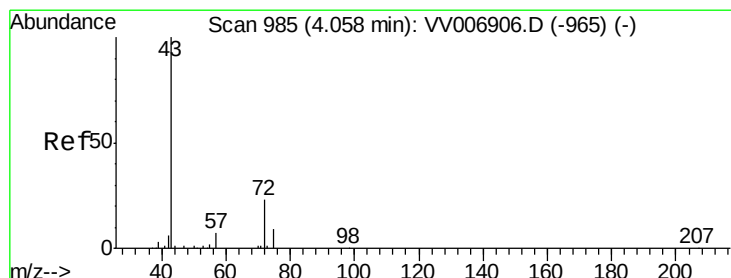
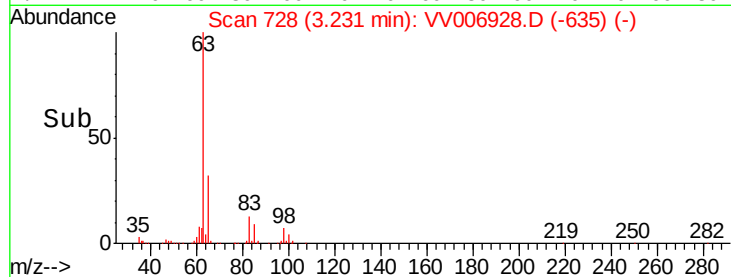
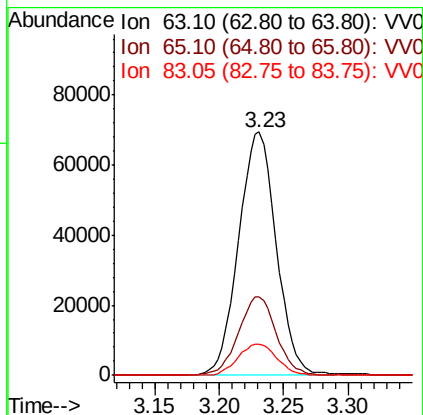
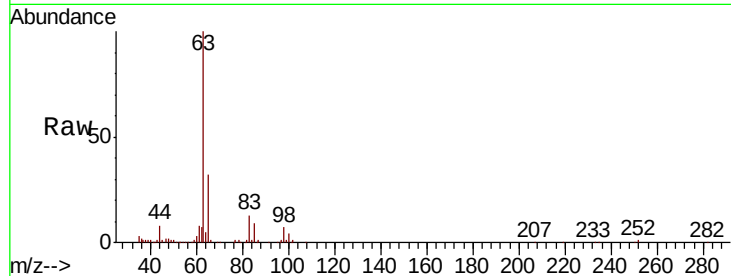




#19
 1,1-Dichloroethane
 Concen: 4.881 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

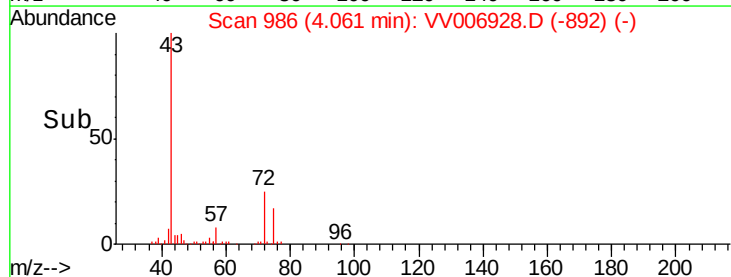
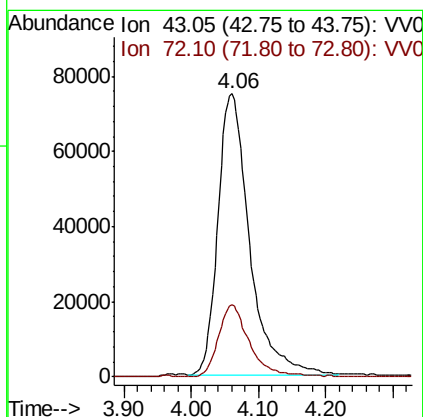
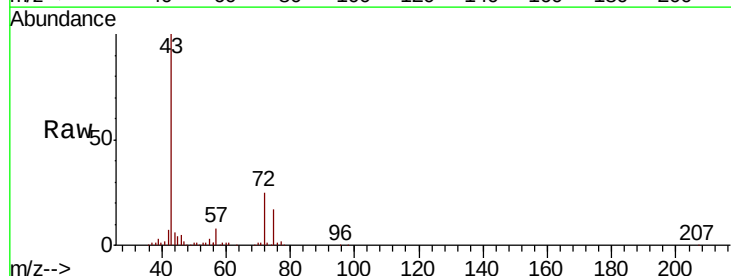
Instrument :
 MSVOA_V
 ClientSampleId :

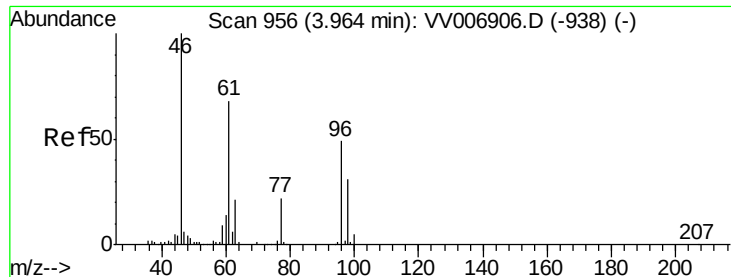
Tot Ion: 63 Resp: 141419
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.0 41.0
 83 12.7 9.0 16.8



#21
 2-Butanone
 Concen: 56.973 ug/L
 RT: 4.06 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion: 43 Resp: 244648
 Ion Ratio Lower Upper
 43 100
 72 25.3 11.9 35.5



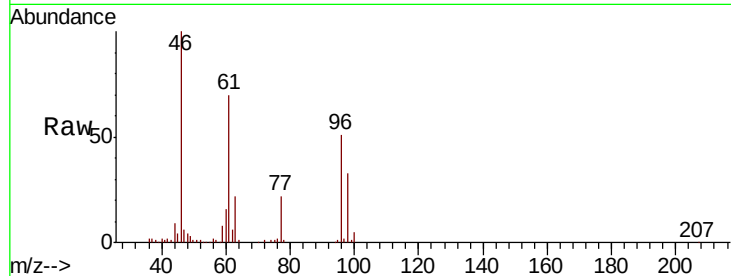


#22

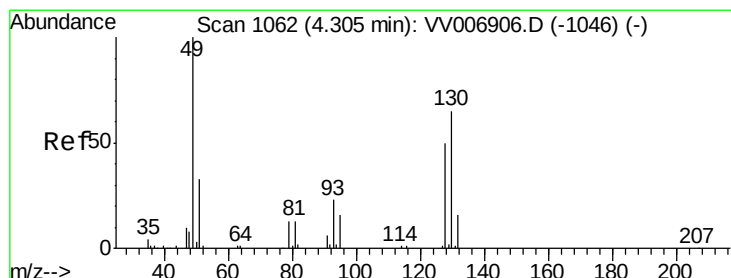
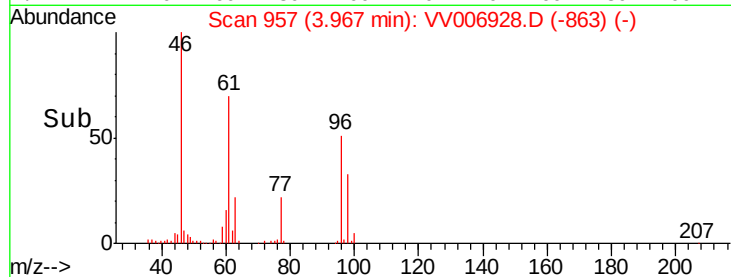
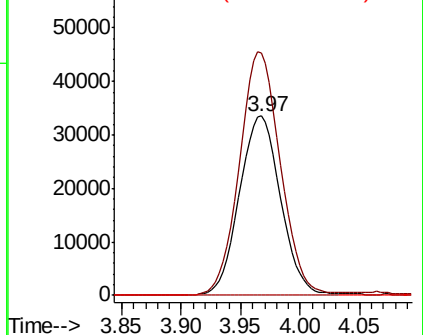
cis-1,2-Dichloroethene
 Concen: 5.356 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 80438
 Ion Ratio Lower Upper
 96 100
 61 135.7 95.5 177.4
 68 0.0 0.0 0.0



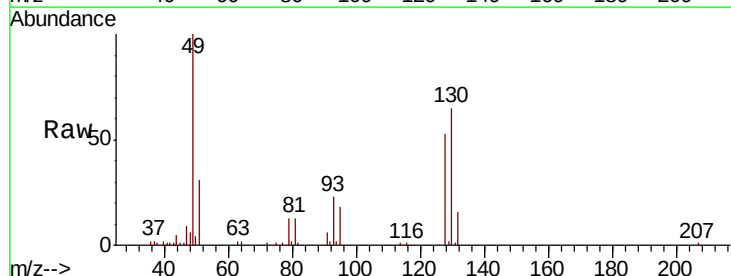
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



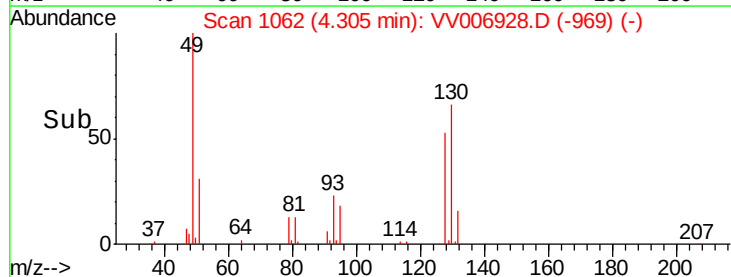
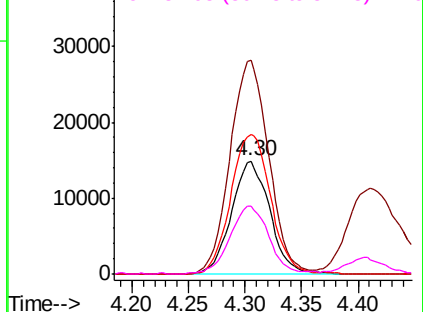
#23

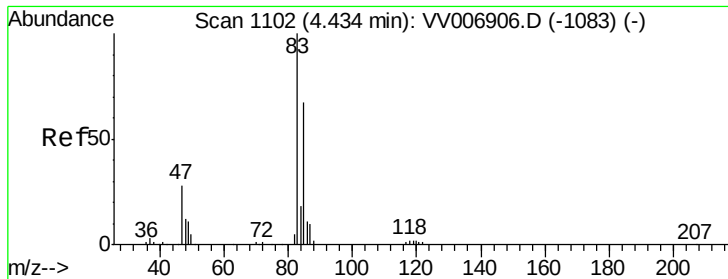
Bromochloromethane
 Concen: 5.666 ug/L
 RT: 4.30 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion: 128 Resp: 35020
 Ion Ratio Lower Upper
 128 100
 49 188.7 141.5 262.9
 130 123.0 89.7 166.7
 51 59.4 53.5 80.3



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

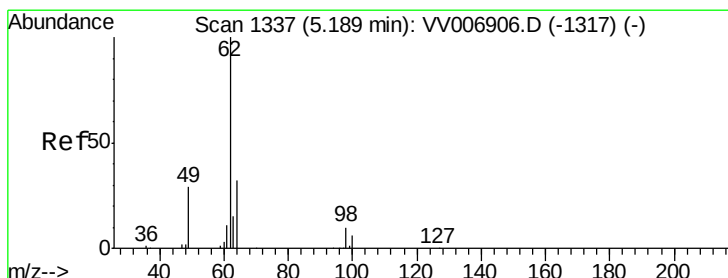
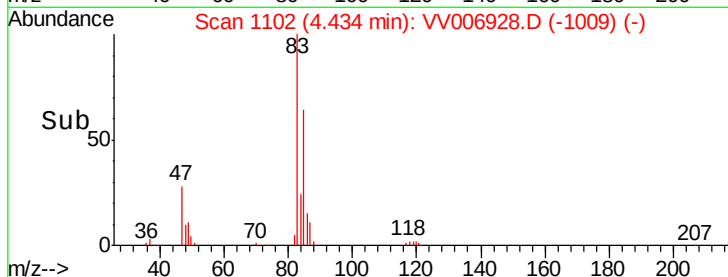
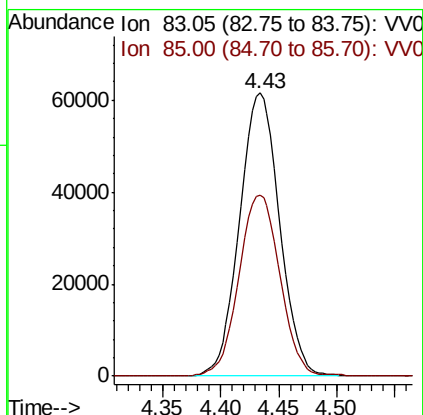
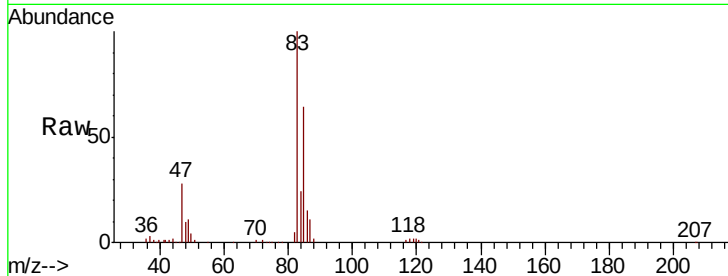




#25
Chloroform
Concen: 5.264 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

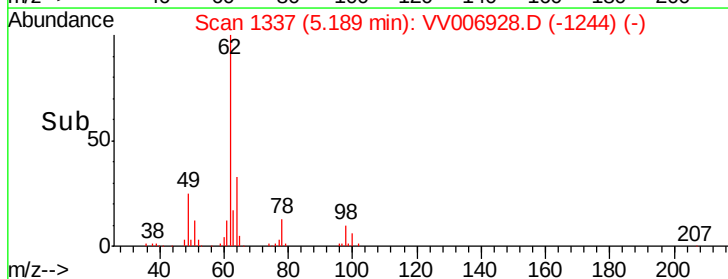
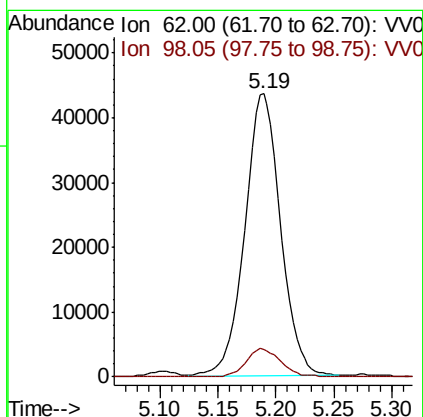
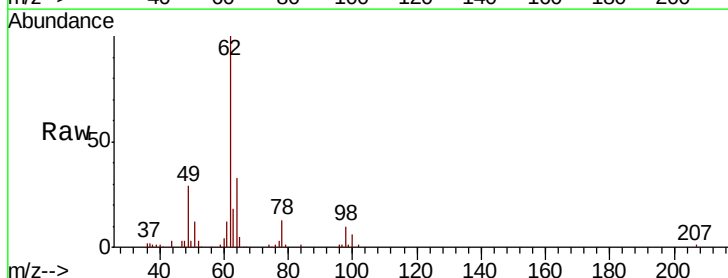
Instrument :
MSVOA_V
ClientSampleId :

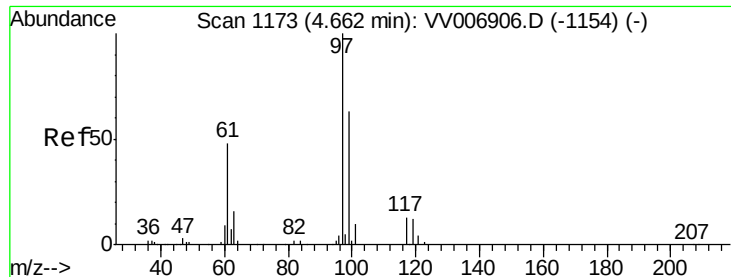
Tot Ion: 83 Resp: 148079
Ion Ratio Lower Upper
83 100
85 64.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.160 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion: 62 Resp: 93746
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8

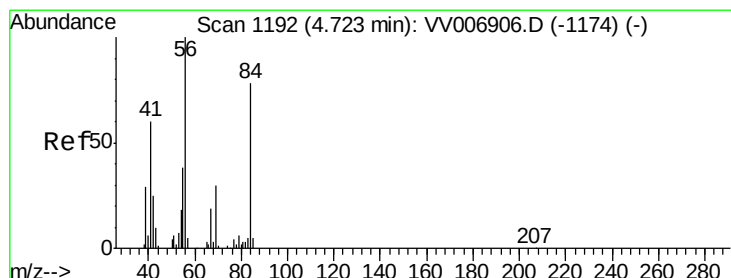
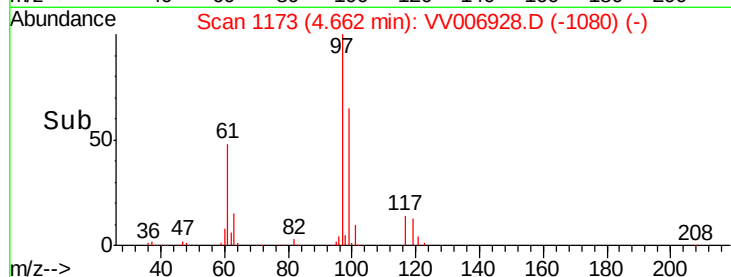
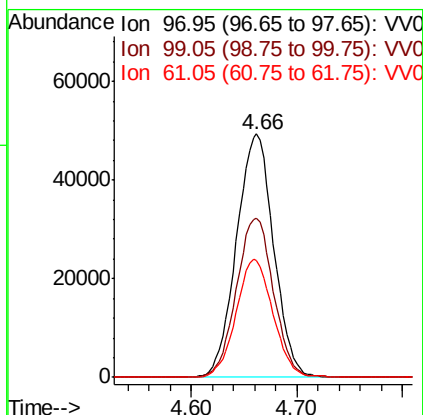
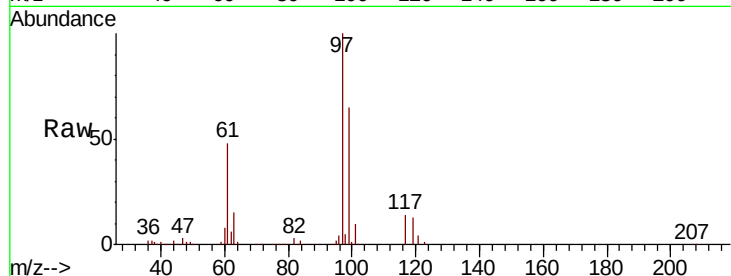




#29
 1,1,1-Trichloroethane
 Concen: 5.030 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

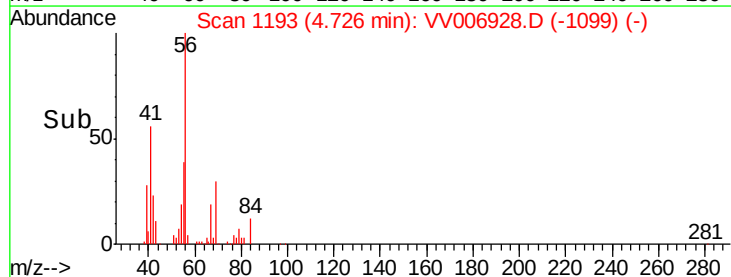
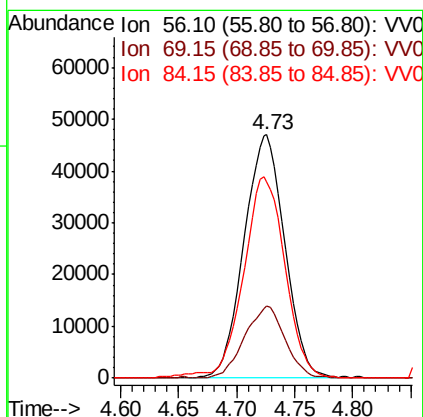
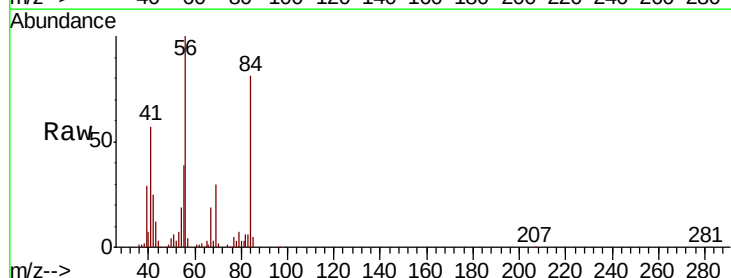
Instrument :
 MSVOA_V
 ClientSampleId :

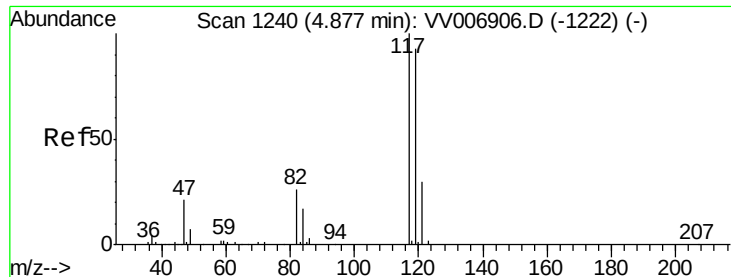
Tot Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.6
61	48.2	38.6	57.8



#30
 Cyclohexane
 Concen: 4.792 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.2	36.2
84	84.9	65.5	98.3





#31

Carbon tetrachloride

Concen: 5.063 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

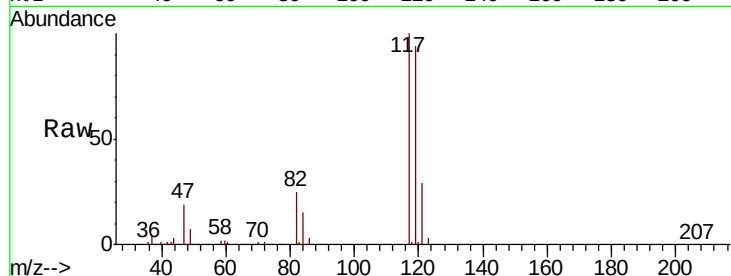
ClientSampleId :

Tot Ion:117 Resp: 102498

Ion Ratio Lower Upper

117 100

119 94.9 74.9 112.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

50000

40000

30000

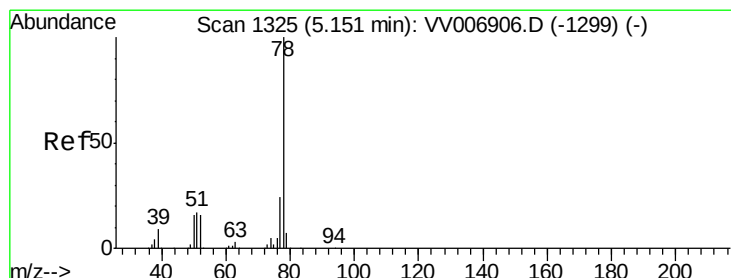
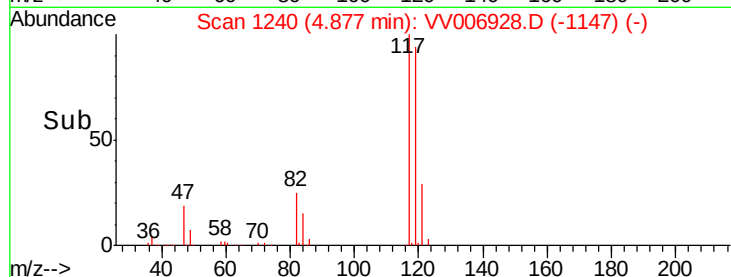
20000

10000

0

Time-->

4.80 4.90 5.00



#33

Benzene

Concen: 5.131 ug/L

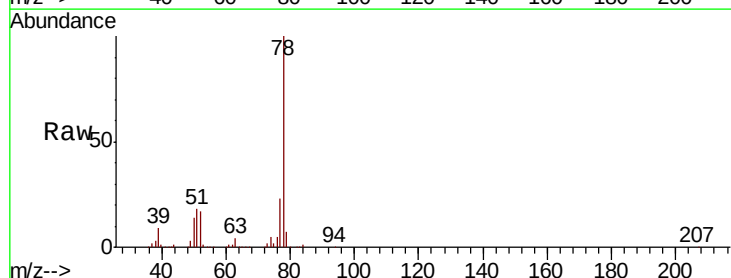
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Tgt Ion: 78 Resp: 320861



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.15

150000

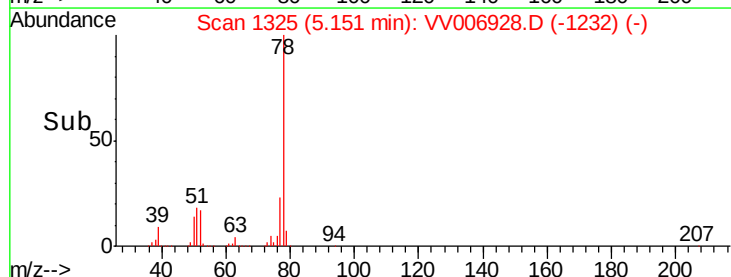
100000

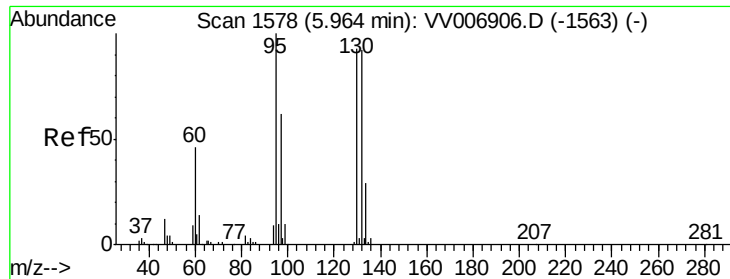
50000

0

Time-->

5.00 5.10 5.20

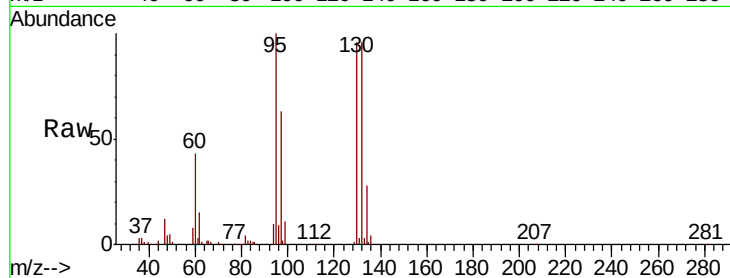




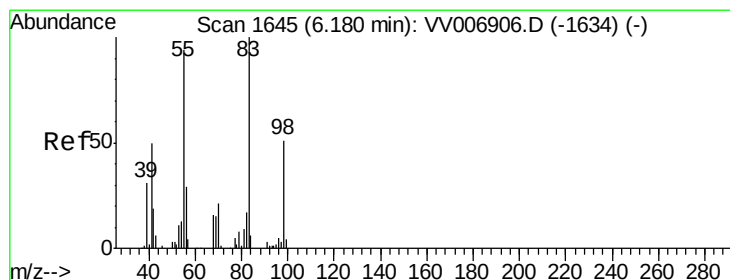
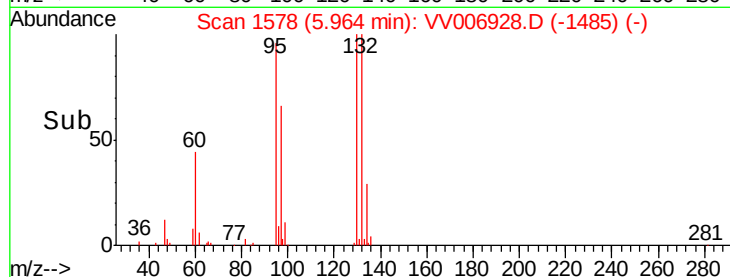
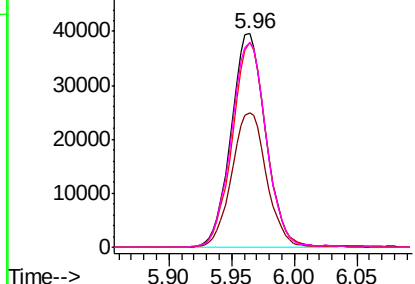
#34
 Trichloroethene
 Concen: 5.215 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	75870
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.4	82.4
132	96.1	65.6	121.8
130	96.1	68.8	127.8

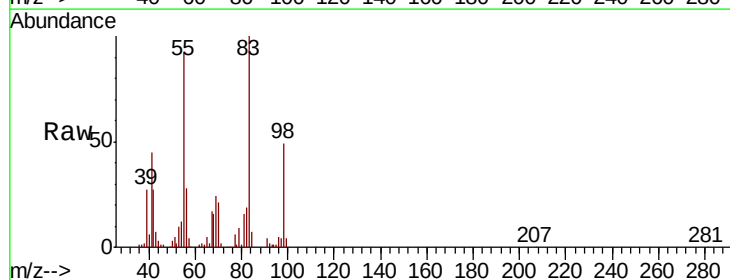


Abundance Ion 95.00 (94.70 to 95.70): VV006928.D (-1563) (-)
 Ion 96.95 (96.65 to 97.65): VV006928.D (-1563) (-)
 Ion 131.95 (131.65 to 132.65): VV006928.D (-1563) (-)
 Ion 129.95 (129.65 to 130.65): VV006928.D (-1563) (-)

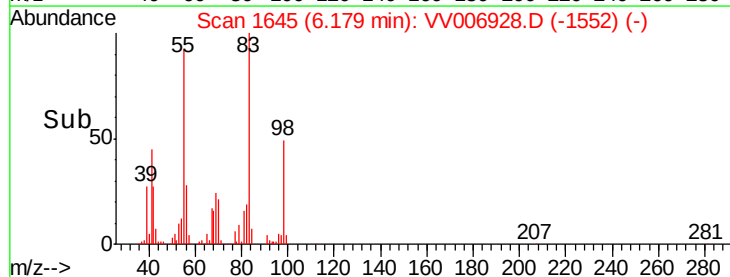
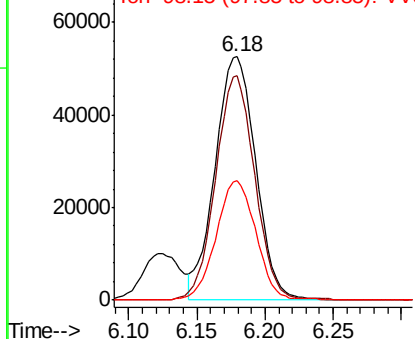


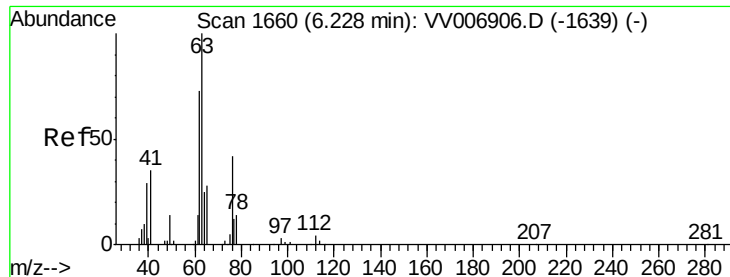
#35
 Methylcyclohexane
 Concen: 4.832 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion:	83	Resp:	109135
Ion	Ratio	Lower	Upper
83	100		
55	89.0	69.8	104.8
98	47.7	36.4	54.6



Abundance Ion 83.15 (82.85 to 83.85): VV006928.D (-1552) (-)
 Ion 55.10 (54.80 to 55.80): VV006928.D (-1552) (-)
 Ion 98.15 (97.85 to 98.85): VV006928.D (-1552) (-)

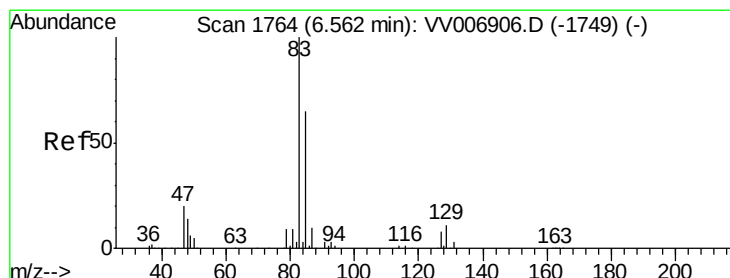
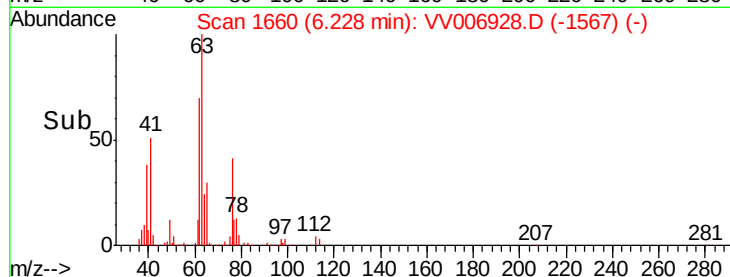
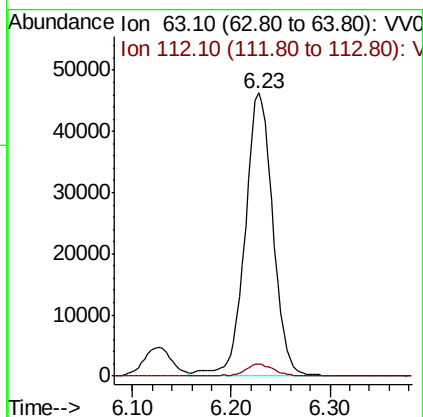
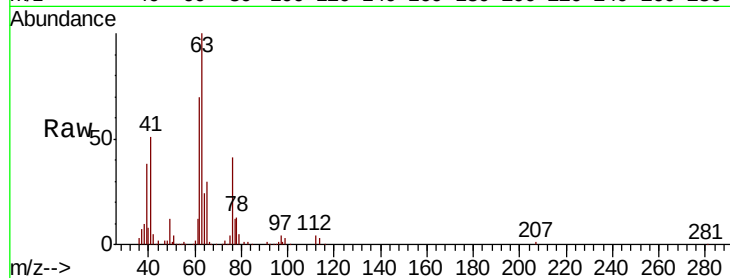




#37
 1,2-Dichloropropane
 Concen: 5.183 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

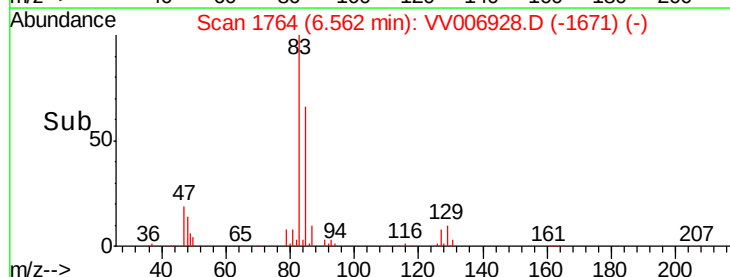
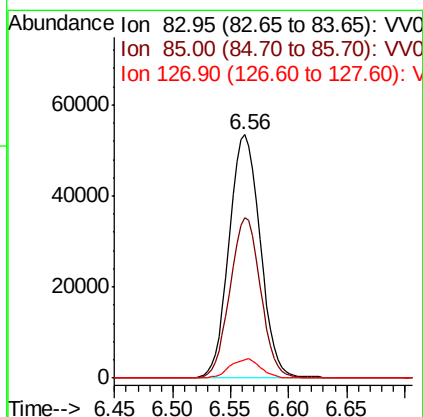
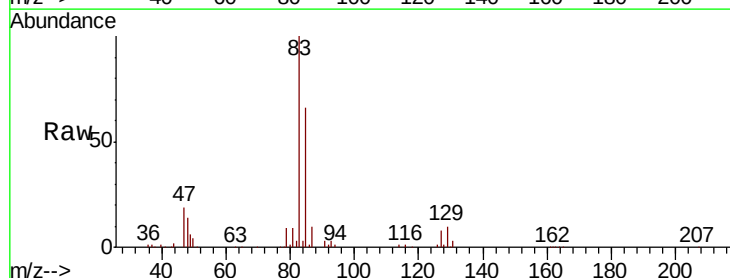
Instrument :
 MSVOA_V
 ClientSampled :

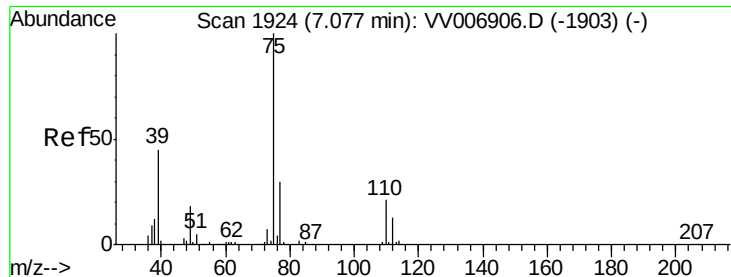
Tot Ion: 63 Resp: 90075
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.045 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion: 83 Resp: 99541
 Ion Ratio Lower Upper
 83 100
 85 66.1 44.9 83.3
 127 7.7 6.9 10.3

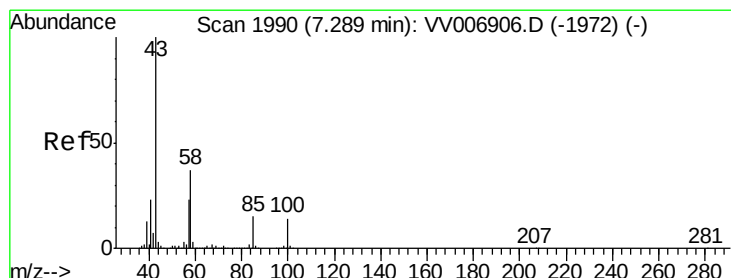
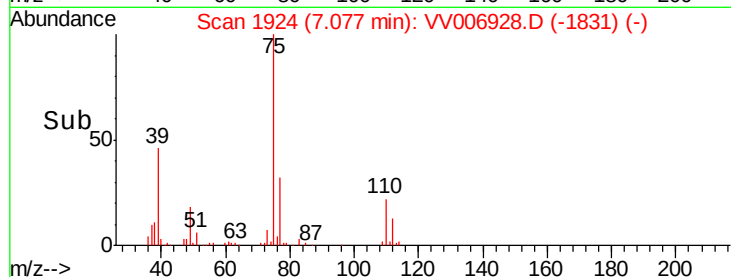
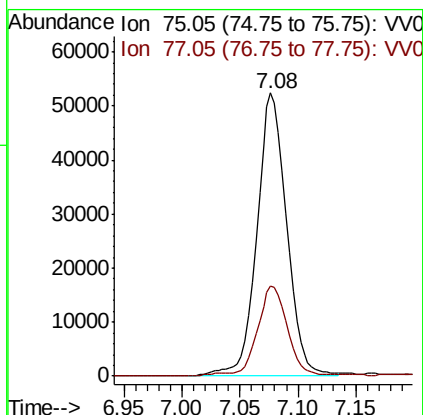
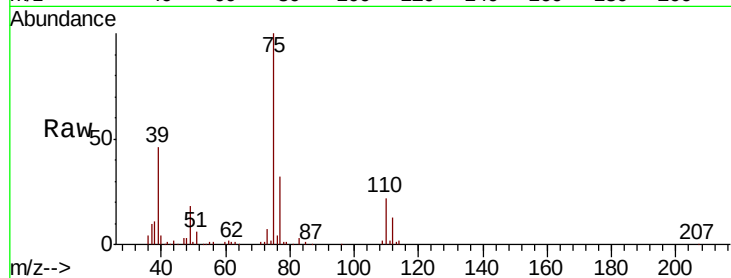




#39
 cis-1,3-Dichloropropene
 Concen: 4.731 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

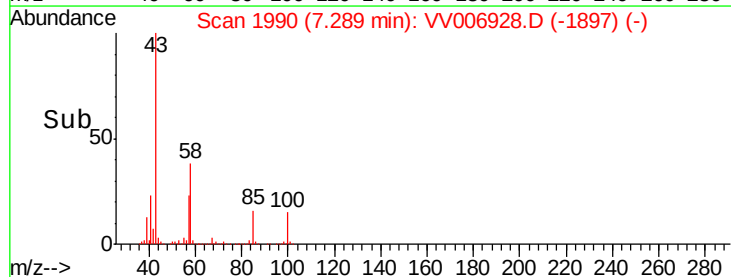
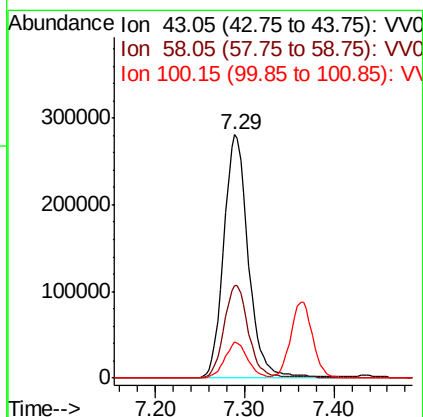
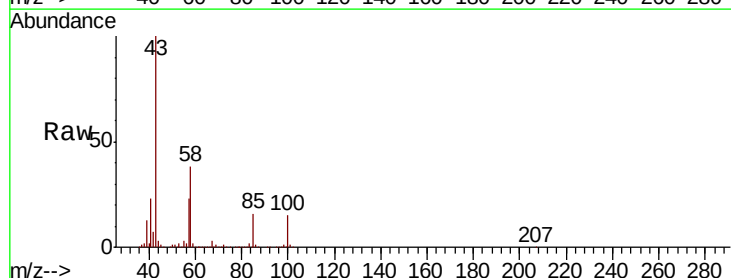
Instrument :
 MSVOA_V
 ClientSampleId :

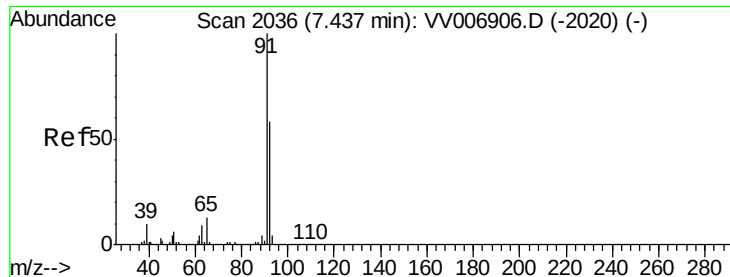
Tot Ion: 75 Resp: 93997
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 55.502 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion: 43 Resp: 538603
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.0 43.6
 100 13.7 10.5 15.7





#42

Toluene

Concen: 5.319 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

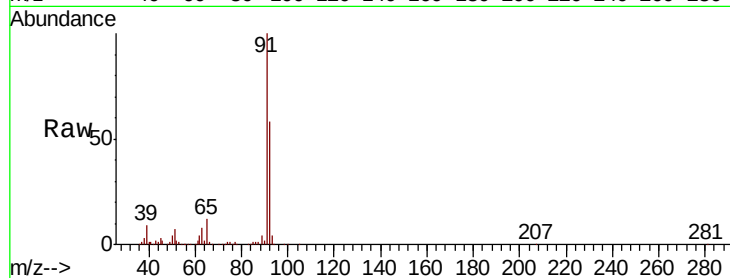
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 311737

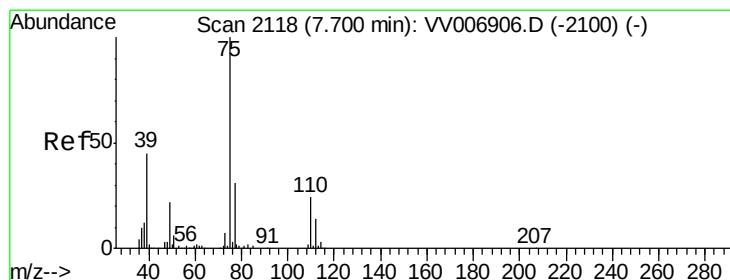
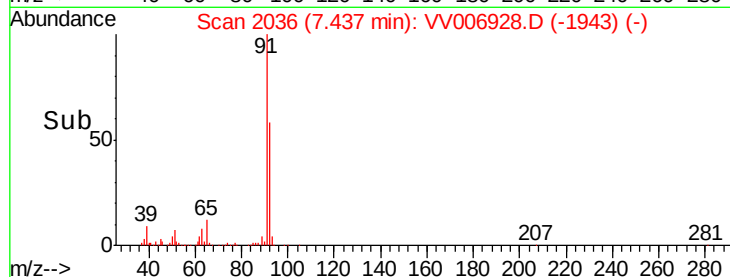
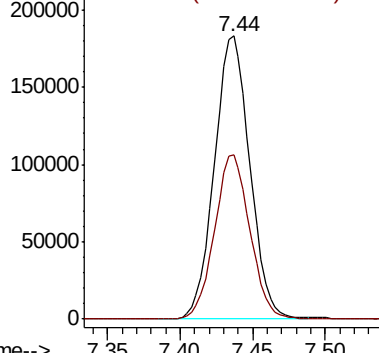
Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



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: 4.852 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006928.D

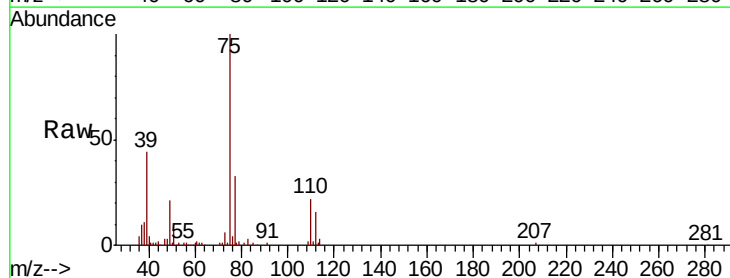
Acq: 08 Aug 2018 05:18

Tgt Ion: 75 Resp: 81011

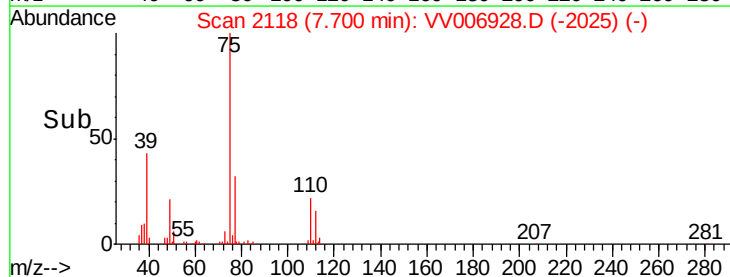
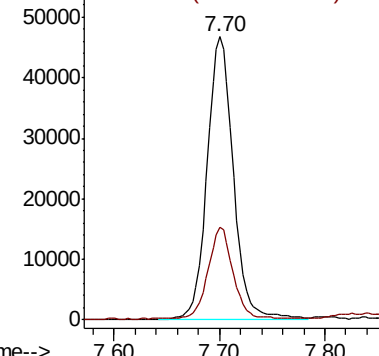
Ion Ratio Lower Upper

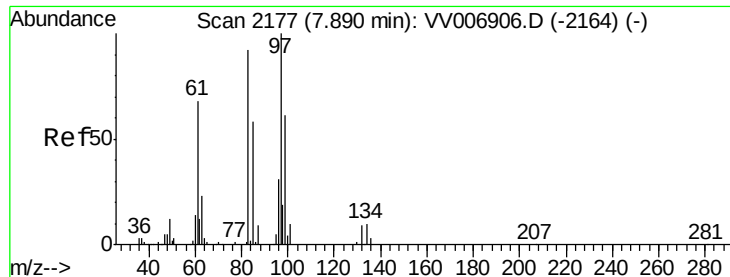
75 100

77 32.7 24.2 45.0



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

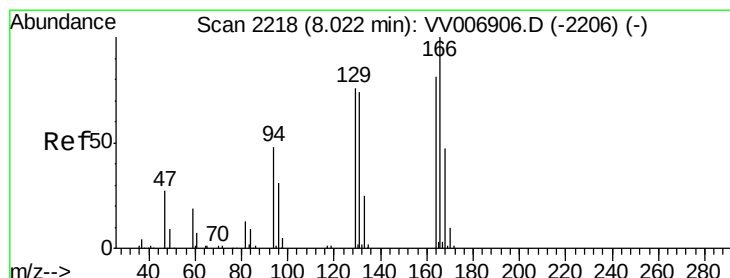
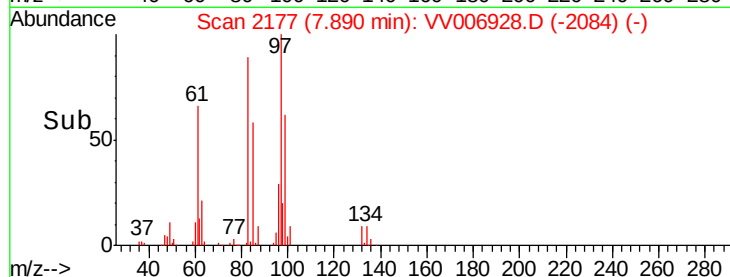
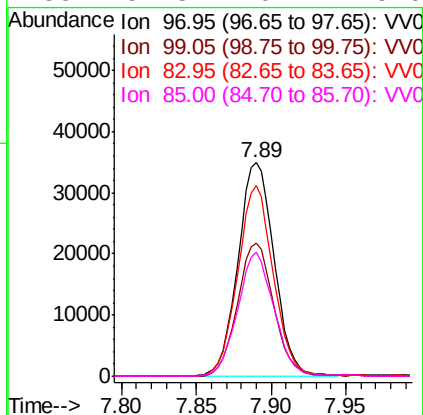
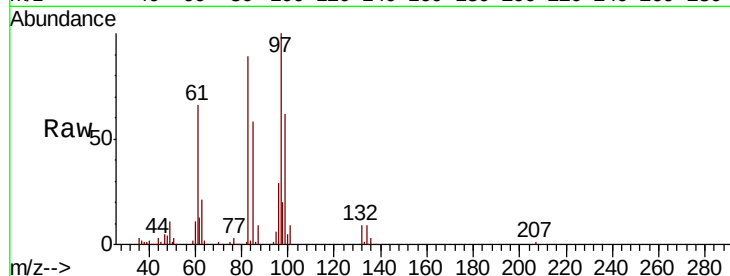




#45
 1,1,2-Trichloroethane
 Concen: 5.403 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

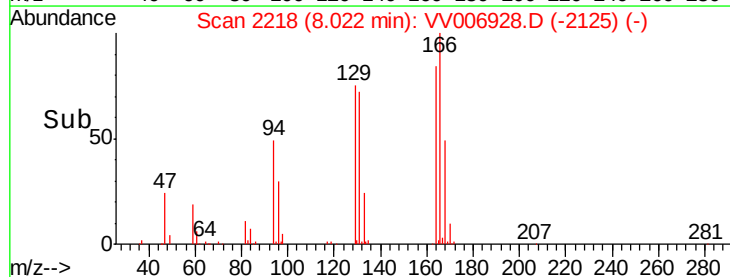
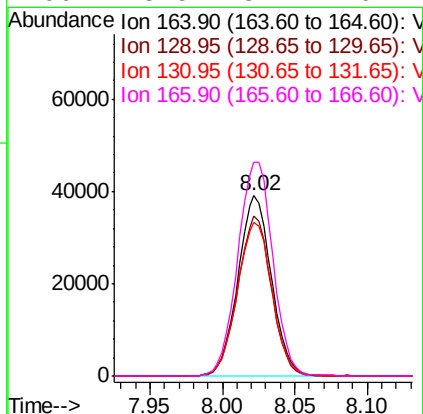
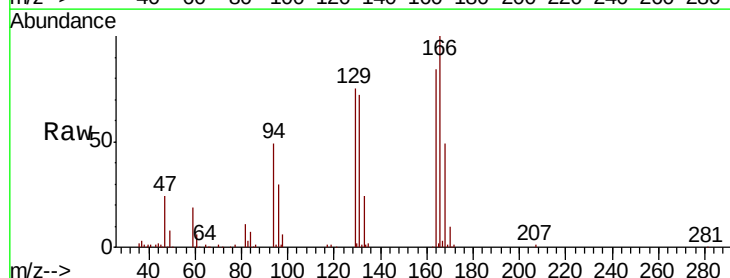
Instrument :
 MSVOA_V
 ClientSampleId :

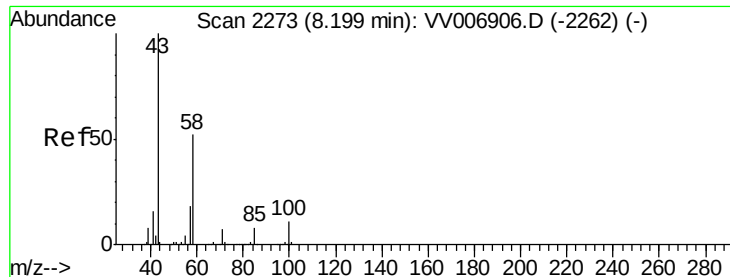
Tot Ion:	97	Resp:	58910
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.7	82.9
83	89.3	62.4	116.0
85	57.8	40.4	75.0



#47
 Tetrachloroethene
 Concen: 5.663 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion:	164	Resp:	62682
Ion	Ratio	Lower	Upper
164	100		
129	88.6	63.1	117.3
131	85.5	62.3	115.7
166	118.5	87.4	162.4

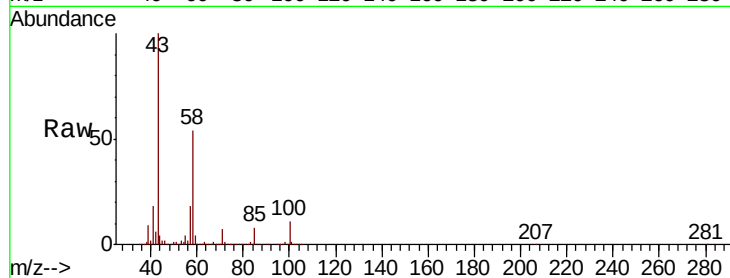




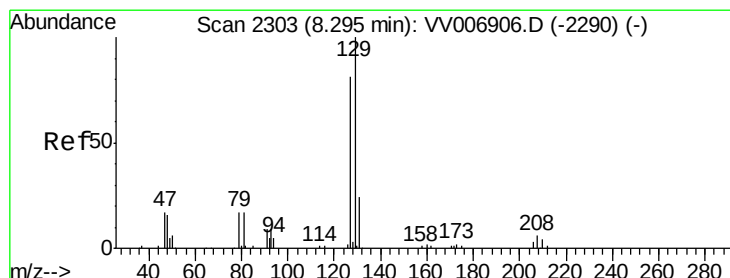
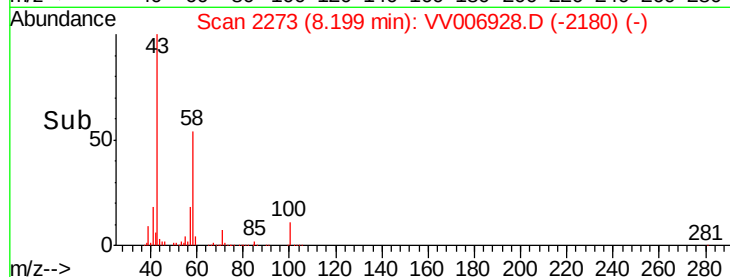
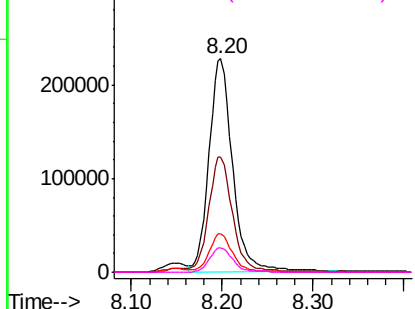
#48
2-Hexanone
Concen: 60.271 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 408970
Ion Ratio Lower Upper
43 100
58 55.1 42.0 63.0
57 17.2 14.1 21.1
100 11.4 8.1 12.1

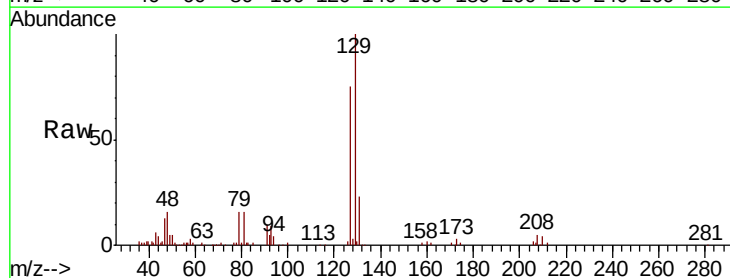


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

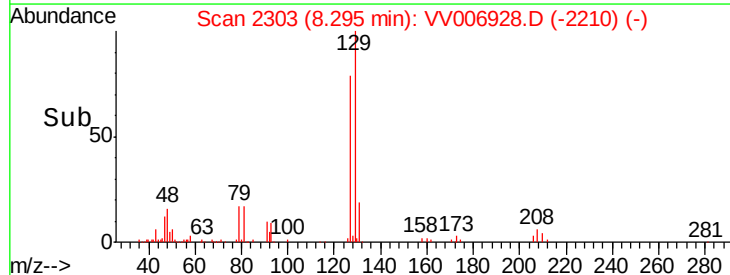
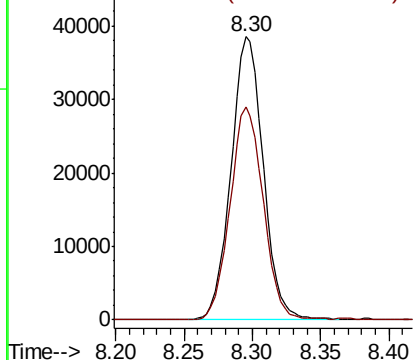


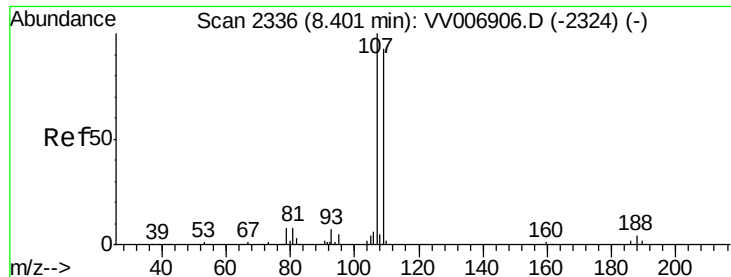
#49
Dibromochloromethane
Concen: 5.484 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion: 129 Resp: 63265
Ion Ratio Lower Upper
129 100
127 75.2 57.0 105.8



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

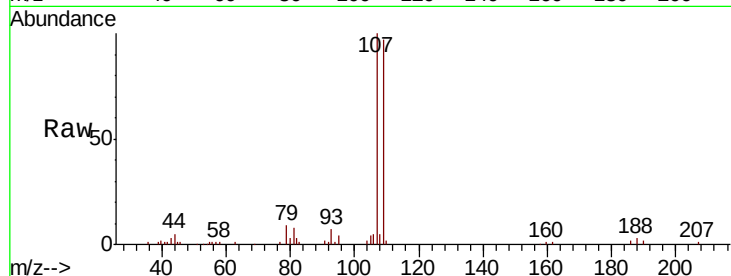




#50
1,2-Dibromoethane
Concen: 5.525 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.4	67.1	124.7
188	3.3	3.0	4.4

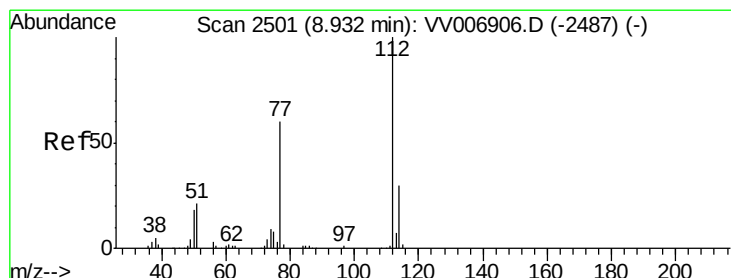
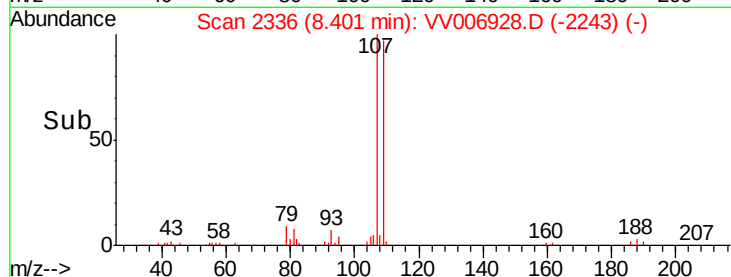
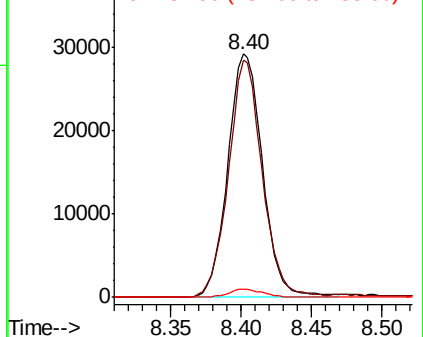


Abundance

Ion 106.95 (106.65 to 107.65): V

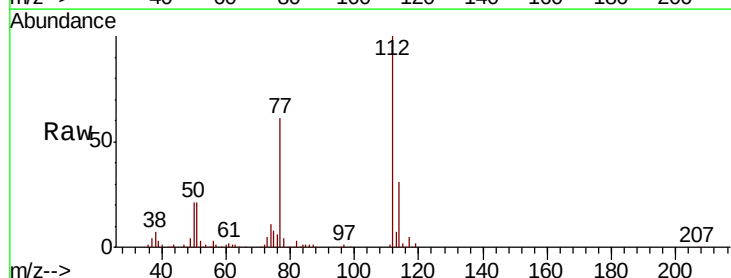
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51
Chlorobenzene
Concen: 5.270 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.6	42.0
77	60.8	50.4	75.6

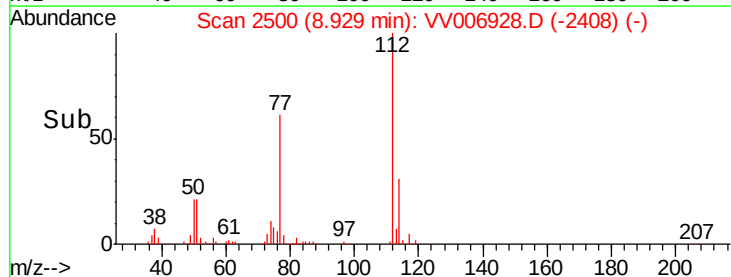
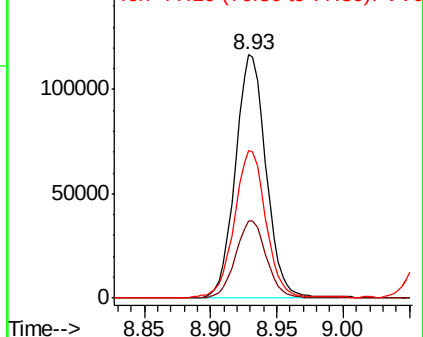


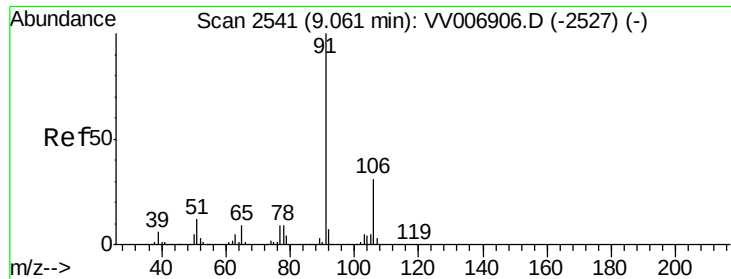
Abundance

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): VV0

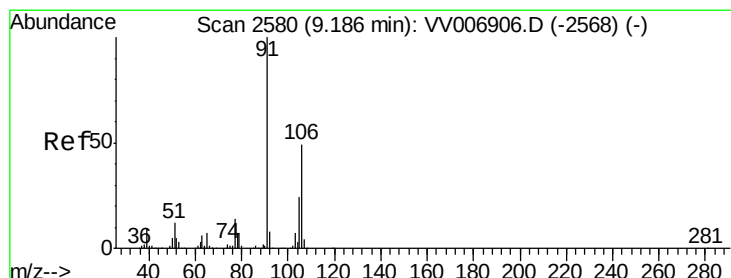
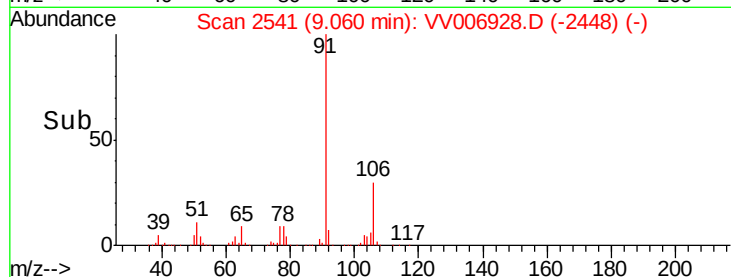
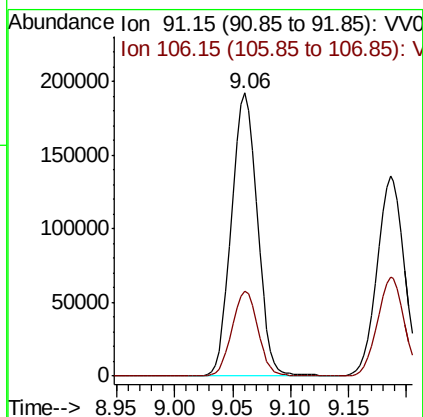
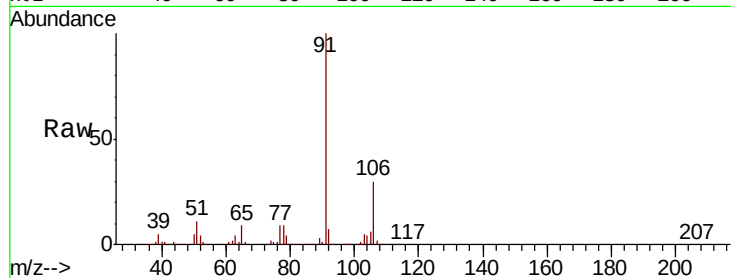




#52
Ethylbenzene
Concen: 5.148 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

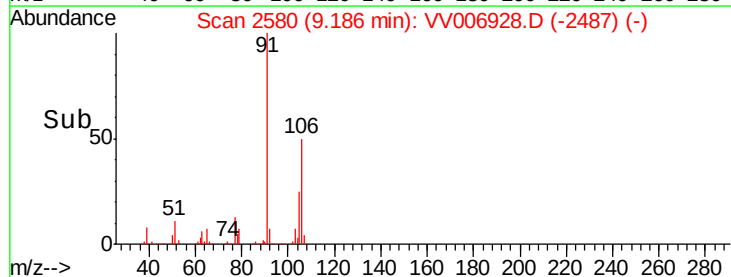
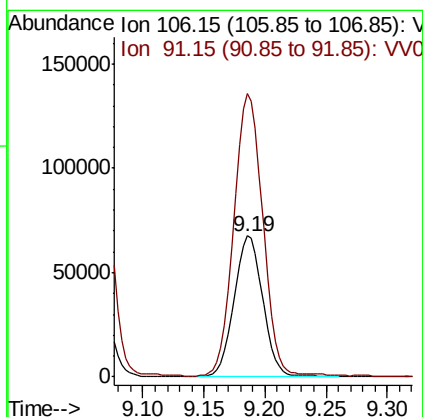
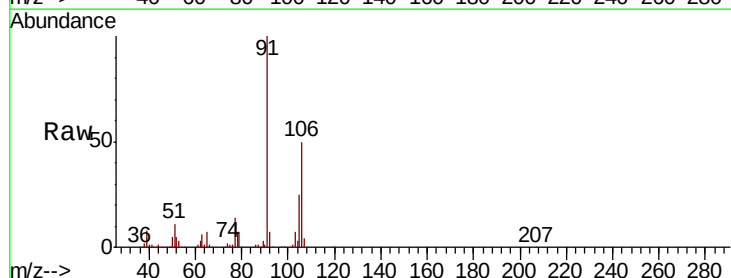
Instrument :
MSVOA_V
ClientSampleId :

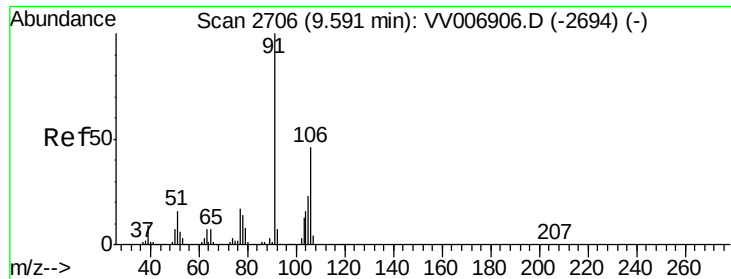
Tot Ion: 91 Resp: 297689
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-xylene
Concen: 5.283 ug/L
RT: 9.19 min Scan# 2580
Delta R.T. -0.00 min
Lab File: VV006928.D
Acq: 08 Aug 2018 05:18

Tgt Ion: 106 Resp: 109927
Ion Ratio Lower Upper
106 100
91 200.5 147.7 274.3





#54

o-xylene

Concen: 5.207 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

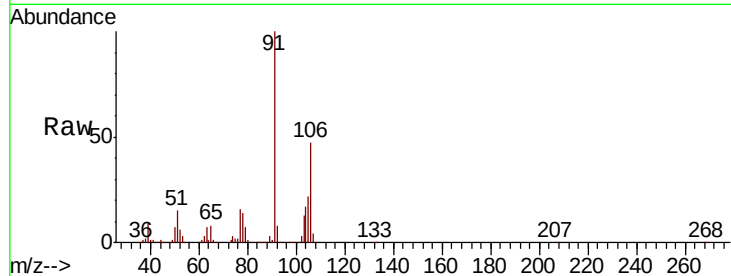
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 106220

Ion Ratio Lower Upper

106 100

91 211.9 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): VV006928.D (-2613) (-)

Ion 91.15 (90.85 to 91.85): VV006928.D (-2613) (-)

150000

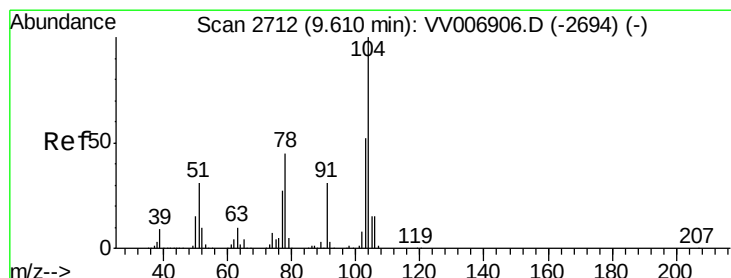
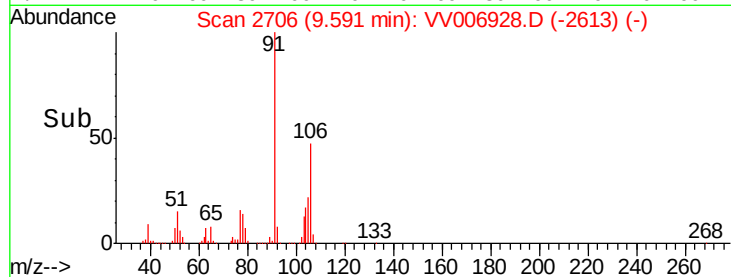
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#55

Styrene

Concen: 5.360 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV006928.D

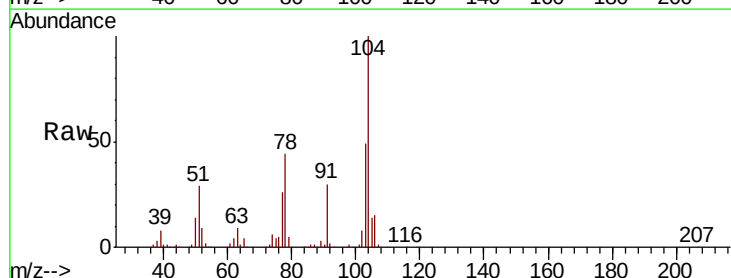
Acq: 08 Aug 2018 05:18

Tgt Ion:104 Resp: 177536

Ion Ratio Lower Upper

104 100

78 44.1 31.8 59.0



Abundance Ion 104.10 (103.80 to 104.80): VV006928.D (-2619) (-)

Ion 78.10 (77.80 to 78.80): VV006928.D (-2619) (-)

120000

100000

80000

60000

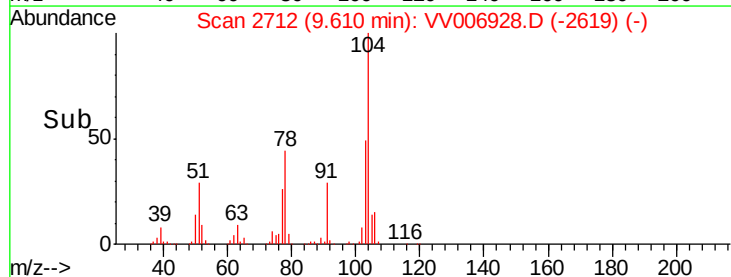
40000

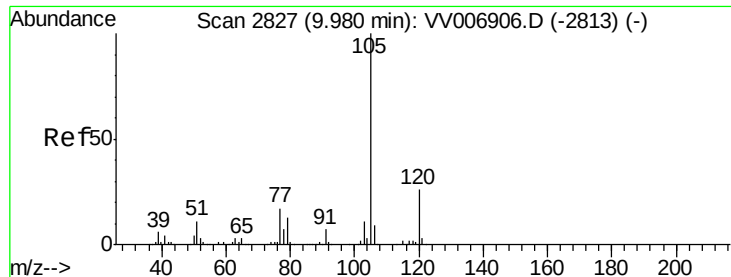
20000

0

9.50 9.60 9.70

Time-->





#56

Isopropylbenzene

Concen: 5.163 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

ClientSampleId :

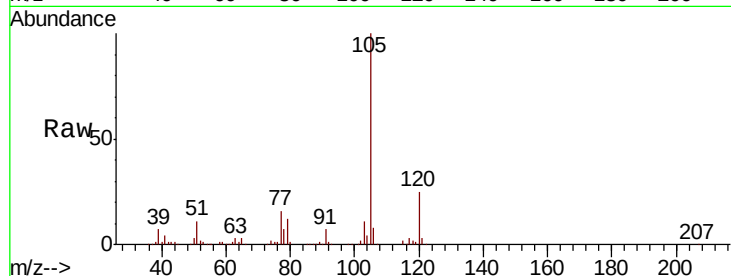
Tot Ion:105 Resp: 273643

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

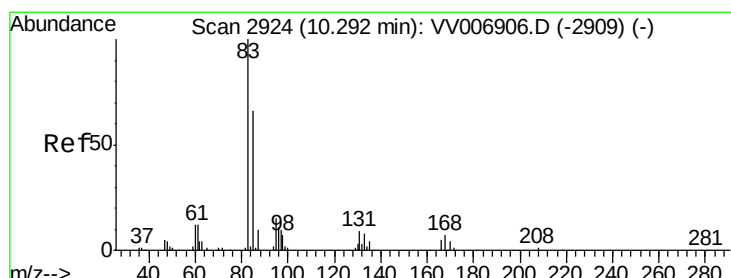
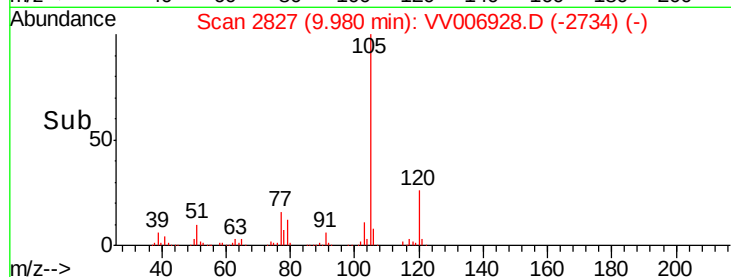
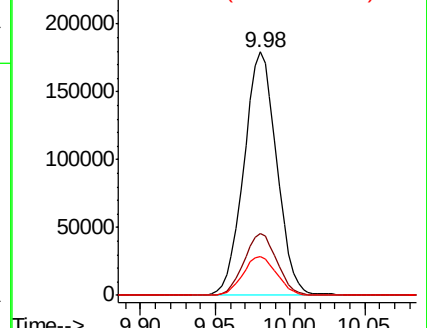
77 16.7 13.7 20.5



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: 5.361 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

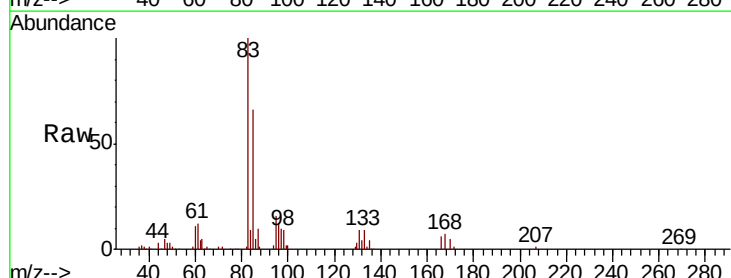
Tgt Ion: 83 Resp: 75787

Ion Ratio Lower Upper

83 100

85 65.7 44.4 82.4

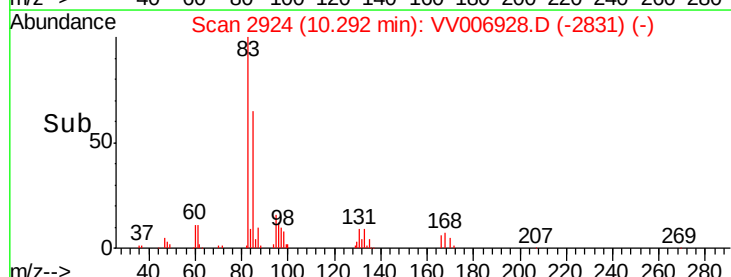
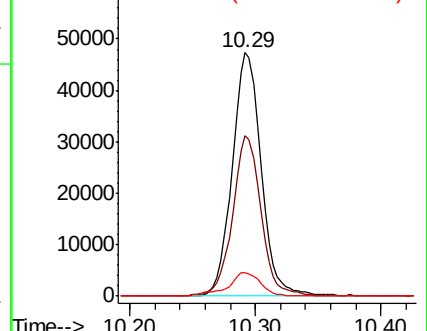
131 9.5 6.6 9.8

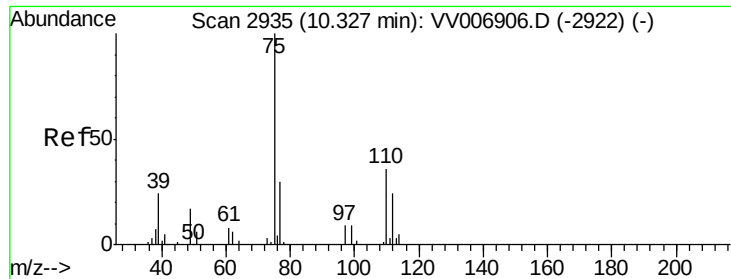


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

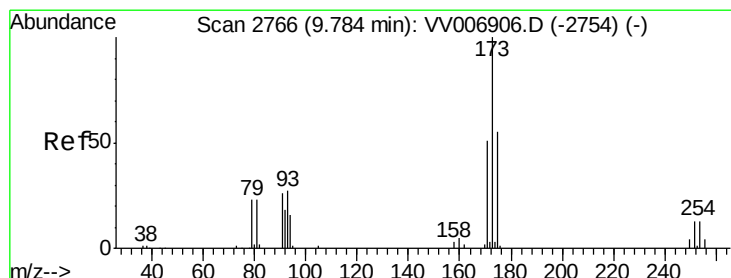
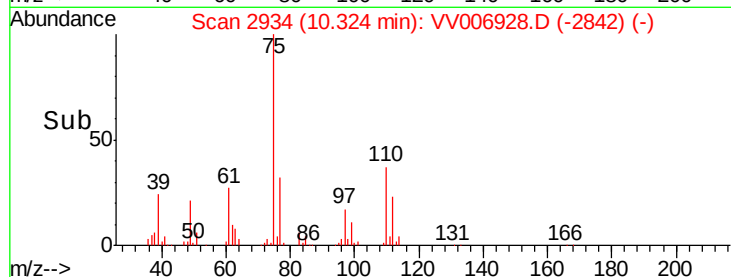
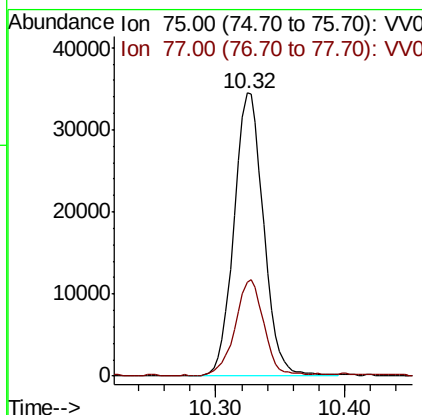
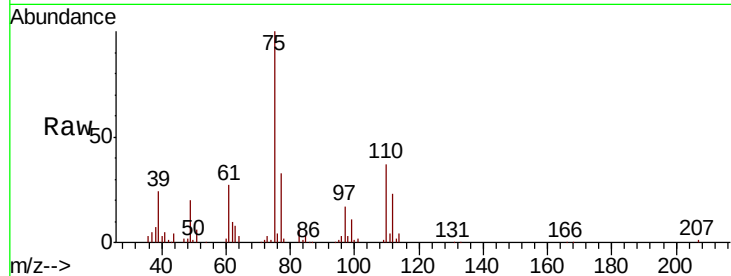




#59
 1,2,3-Trichloropropane
 Concen: 5.553 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

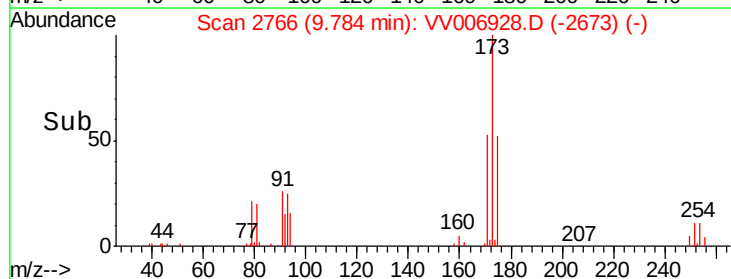
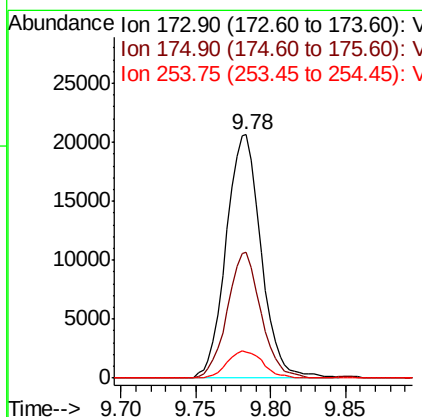
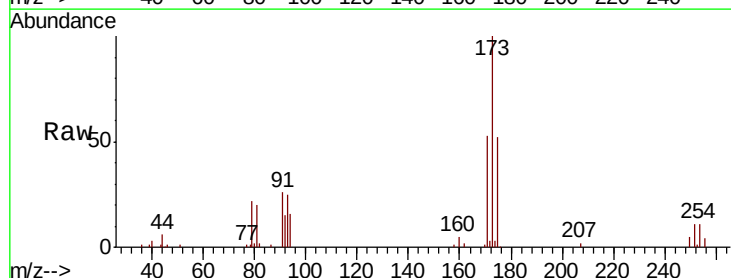
Instrument :
 MSVOA_V
 ClientSampleId :

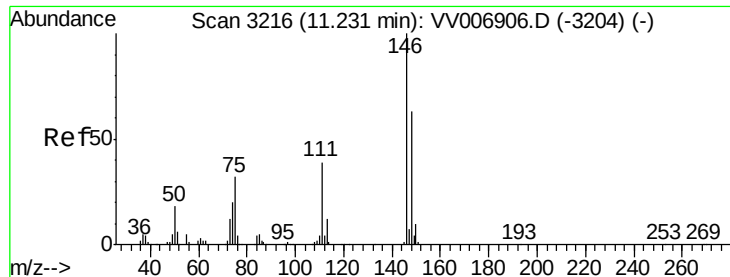
Tot Ion: 75 Resp: 55053
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.5 36.7



#61
 Bromoform
 Concen: 5.192 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion: 173 Resp: 33630
 Ion Ratio Lower Upper
 173 100
 175 49.6 37.9 56.9
 254 11.3 8.0 12.0





#62

1,3-Dichlorobenzene

Concen: 5.125 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV006928.D

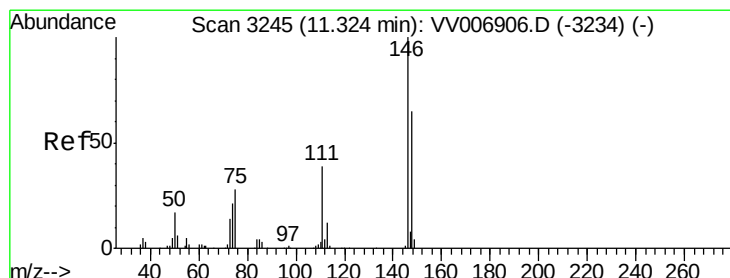
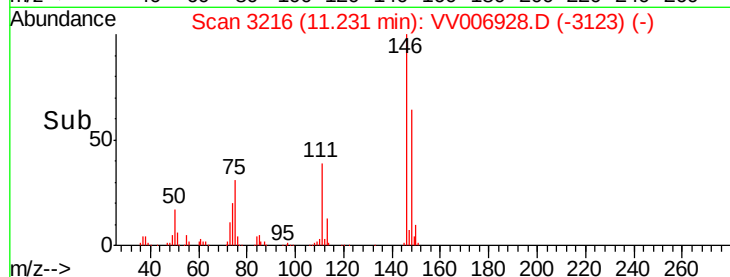
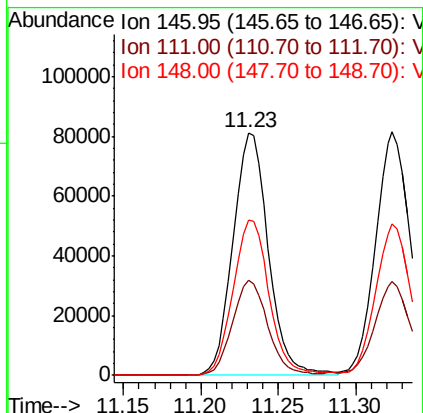
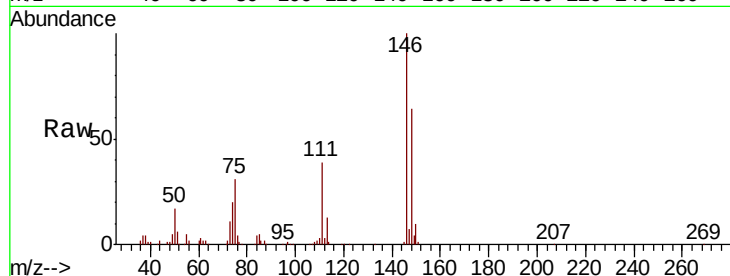
Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:146	Resp:	128919
Ion	Ratio	Lower Upper
146	100	
111	39.4	28.1 52.1
148	64.1	45.0 83.6



#63

1,4-Dichlorobenzene

Concen: 5.328 ug/L

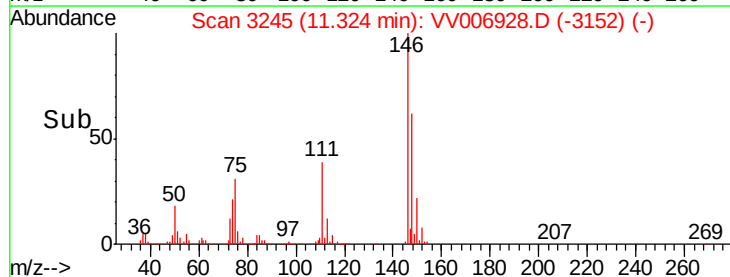
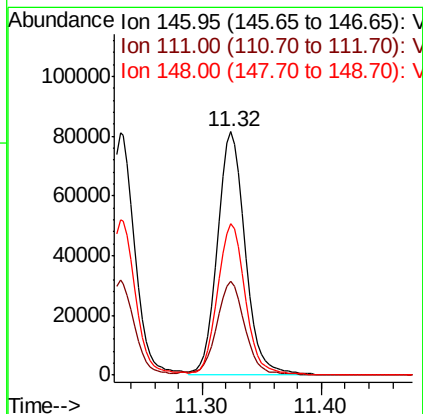
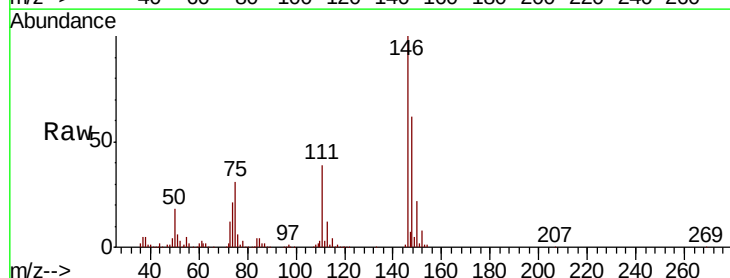
RT: 11.32 min Scan# 3245

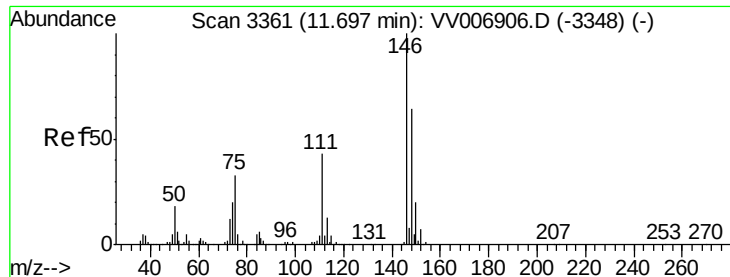
Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Tgt Ion:146	Resp:	132298
Ion	Ratio	Lower Upper
146	100	
111	38.6	29.0 53.9
148	62.0	45.7 84.9





#65

1,2-Dichlorobenzene

Concen: 5.300 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

ClientSampleId :

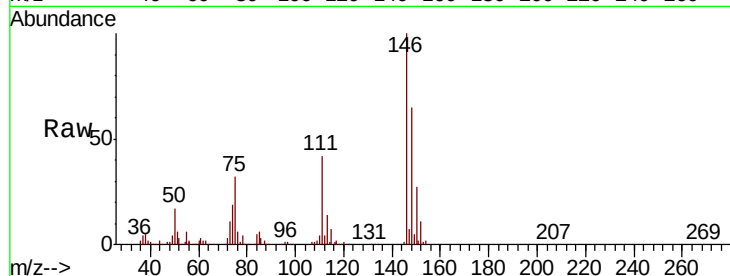
Tot Ion:146 Resp: 132773

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

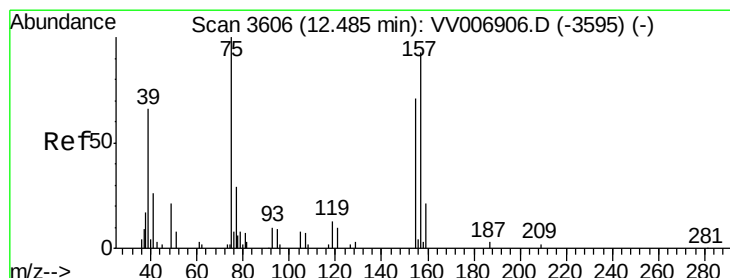
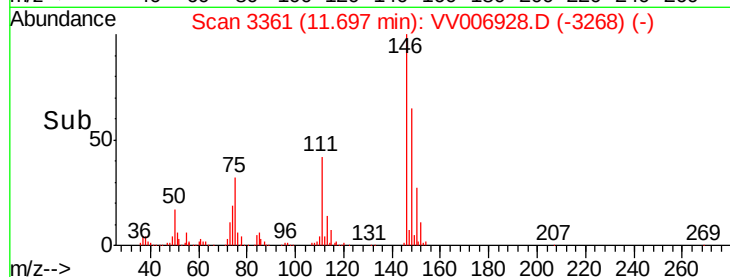
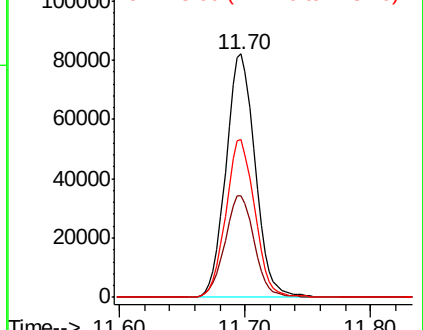
148 64.9 50.3 75.5



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: 4.867 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

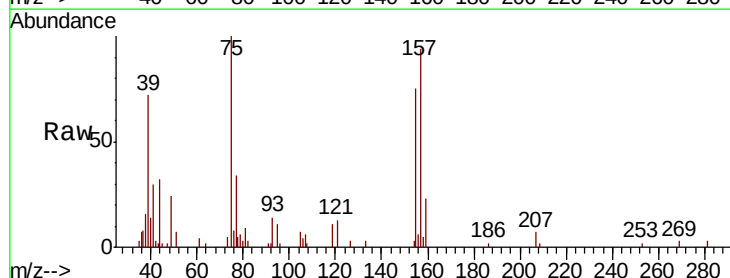
Tgt Ion: 75 Resp: 10635

Ion Ratio Lower Upper

75 100

155 75.2 48.1 72.1#

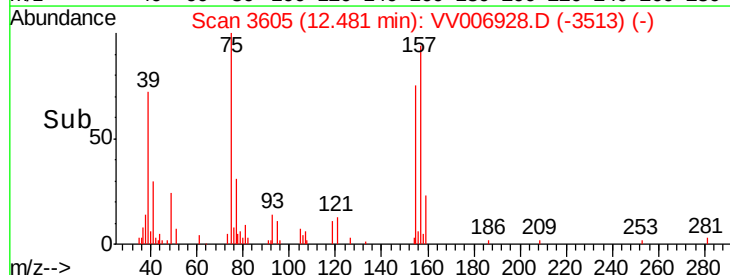
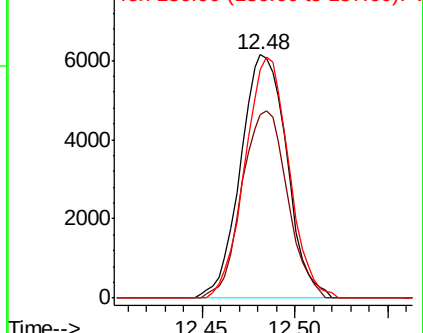
157 93.6 71.4 107.0

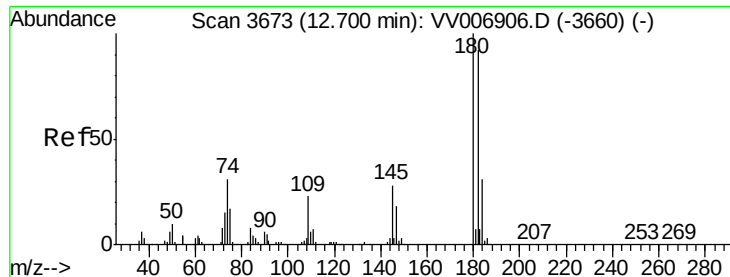


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

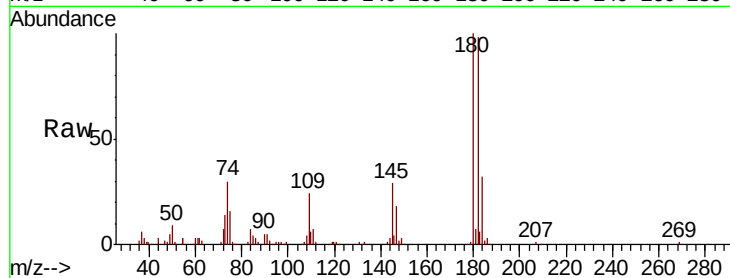




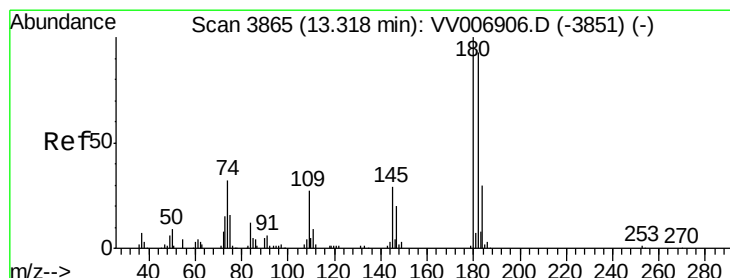
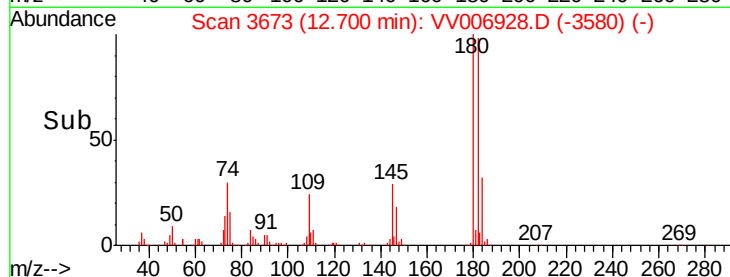
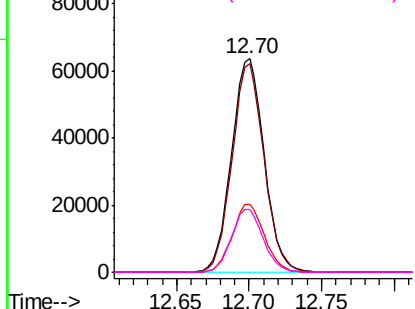
#67
 1,3,5-Trichlorobenzene
 Concen: 5.261 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	99448
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.8 113.8
184	31.2	23.8 35.6
145	28.6	22.4 33.6

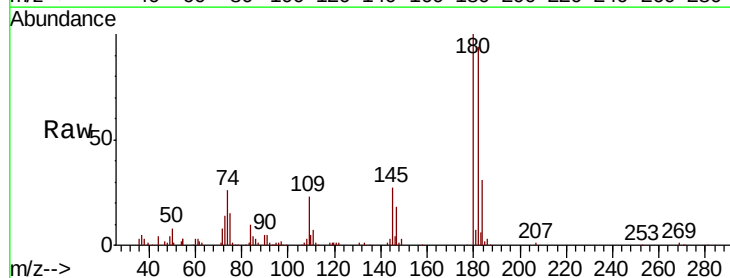


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

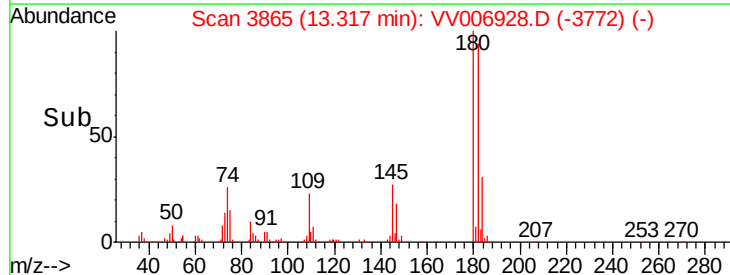
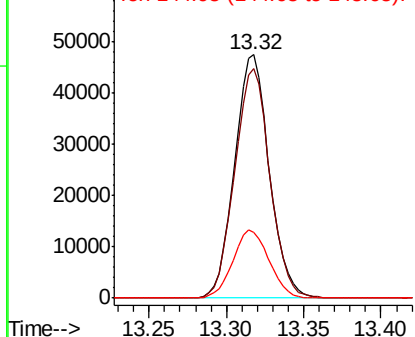


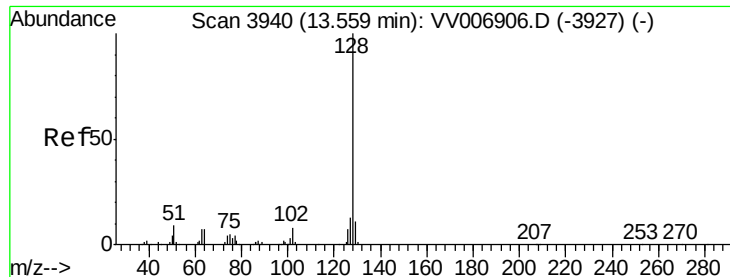
#68
 1,2,4-trichlorobenzene
 Concen: 5.524 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006928.D
 Acq: 08 Aug 2018 05:18

Tgt Ion:180	Resp:	73667
Ion Ratio	Lower	Upper
180	100	
182	95.6	71.8 107.8
145	29.1	21.0 31.6



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: 5.269 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

Instrument :

MSVOA_V

ClientSampleId :

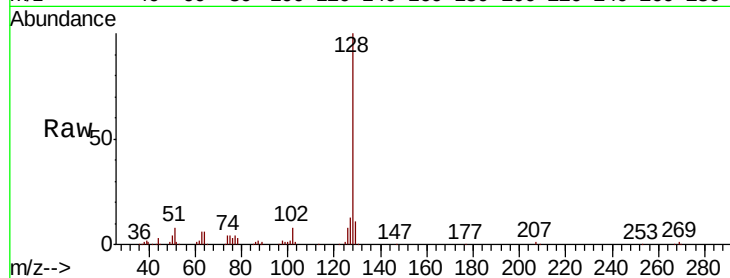
Tot Ion:128 Resp: 110030

Ion Ratio Lower Upper

128 100

129 10.7 9.3 13.9

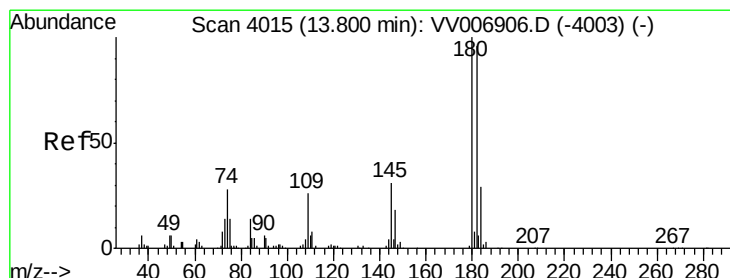
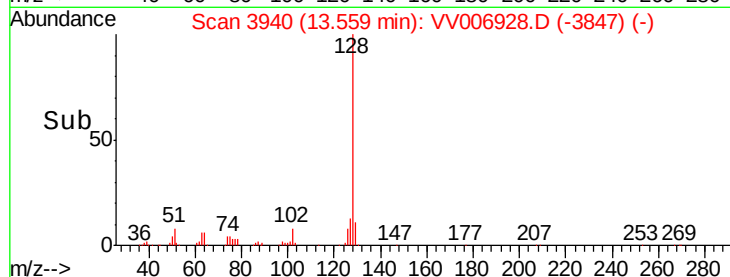
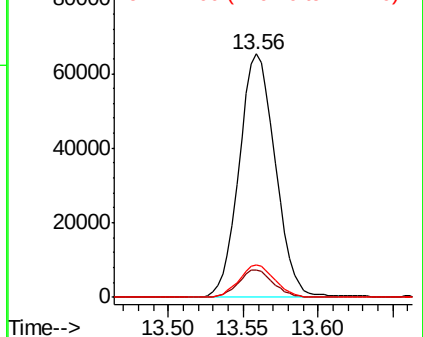
127 13.1 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.516 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006928.D

Acq: 08 Aug 2018 05:18

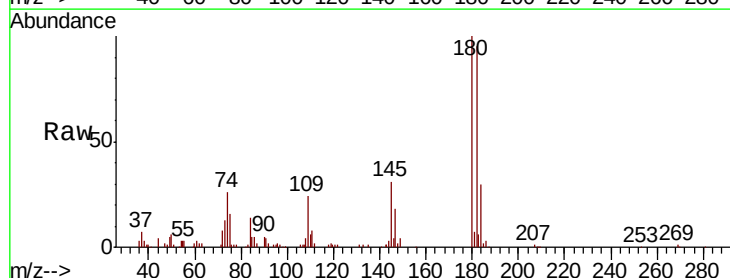
Tgt Ion:180 Resp: 72822

Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.6

145 30.9 25.0 37.6



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

