

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006902.D
 Acq On : 07 Aug 2018 17:15
 Operator : SY/MD
 Sample : VSTD00567
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 06:41:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 06:39:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187549	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57885	4.61	ug/L	0.00
7) Chloroethane-d5	1.58	69	53968	4.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	113528	4.79	ug/L	0.00
20) 2-Butanone-d5	3.97	46	189656	58.35	ug/L	0.00
24) Chloroform-d	4.41	84	120160	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	65013	5.56	ug/L	0.00
32) Benzene-d6	5.10	84	220832	4.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	80484	5.17	ug/L	0.00
41) Toluene-d8	7.36	98	198814	4.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	27598	4.99	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	112163	46.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61713	5.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	61225	4.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	77557	5.119	ug/L 100
3) Chloromethane	1.25	50	95230	4.360	ug/L 100
5) Vinyl chloride	1.32	62	90642	5.277	ug/L 100
6) Bromomethane	1.54	94	21894	5.131	ug/L 100
8) Chloroethane	1.60	64	56059	4.946	ug/L 100
9) Trichlorofluoromethane	1.77	101	109484	5.247	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	66263	5.087	ug/L 100
12) 1,1-Dichloroethene	2.14	96	61113	5.061	ug/L 100
13) Acetone	2.21	43	115467	50.981	ug/L 100
14) Carbon disulfide	2.32	76	194476	5.337	ug/L 100
15) Methyl Acetate	2.47	43	32085	4.769	ug/L 100
16) Methylene chloride	2.54	84	72780	4.985	ug/L 100
17) Methyl tert-butyl Ether	2.82	73	166838	5.125	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	66283	5.020	ug/L 100
19) 1,1-Dichloroethane	3.23	63	133916	5.386	ug/L 100
21) 2-Butanone	4.05	43	203546	57.387	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	67934	4.859	ug/L 100
23) Bromochloromethane	4.31	128	29223	4.811	ug/L 100
25) Chloroform	4.43	83	130415	5.361	ug/L 100
27) 1,2-Dichloroethane	5.19	62	83490	5.585	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	107384	5.202	ug/L 100
30) Cyclohexane	4.73	56	102446	4.871	ug/L 100
31) Carbon tetrachloride	4.88	117	90126	5.277	ug/L 100
33) Benzene	5.15	78	277817	5.097	ug/L 100
34) Trichloroethene	5.96	95	64749	4.735	ug/L 100
35) Methylcyclohexane	6.18	83	99053	4.615	ug/L 100
37) 1,2-Dichloropropane	6.23	63	76594	5.330	ug/L 100
38) Bromodichloromethane	6.56	83	88441	5.369	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	90376	4.955	ug/L 100
40) 4-Methyl-2-pentanone	7.29	43	445085	55.118	ug/L 100

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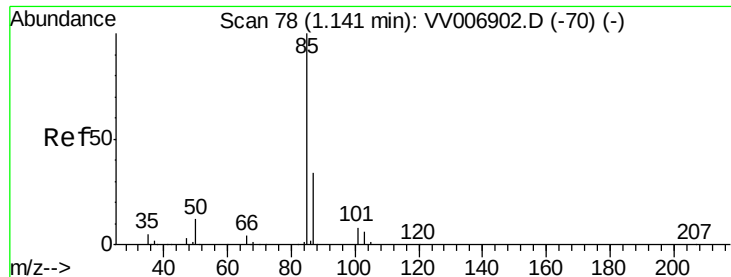
Instrument :
 MSVOA_V
 ClientSampleId :

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

42) Toluene	7.44	91	267077	5.015	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	75623	4.993	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	50201	4.915	ug/L	100
47) Tetrachloroethene	8.03	164	49623	4.622	ug/L	100
48) 2-Hexanone	8.20	43	324657	58.591	ug/L	100
49) Dibromochloromethane	8.30	129	52578	5.053	ug/L	100
50) 1,2-Dibromoethane	8.40	107	40847	4.742	ug/L	100
51) Chlorobenzene	8.93	112	159058	4.725	ug/L	100
52) Ethylbenzene	9.06	91	255052	4.652	ug/L	100
53) m,p-xylene	9.19	106	91753	4.545	ug/L	100
54) o-xylene	9.59	106	89426	4.385	ug/L	100
55) Styrene	9.61	104	149810	4.635	ug/L	100
56) Isopropylbenzene	9.98	105	234925	4.534	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	63360	5.068	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	45317	5.157	ug/L	100
61) Bromoform	9.78	173	28031	5.396	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	106578	4.573	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	105912	4.590	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	108829	4.741	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9396	5.572	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	81524	4.563	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	59752	4.339	ug/L	100
69) Naphthalene	13.56	128	90347	3.850	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	57193	4.315	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 5.119 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

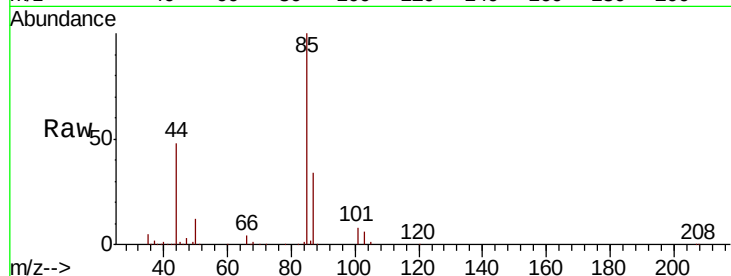
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 77557

Ion Ratio Lower Upper

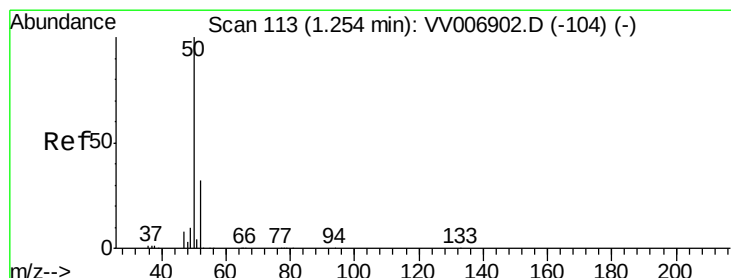
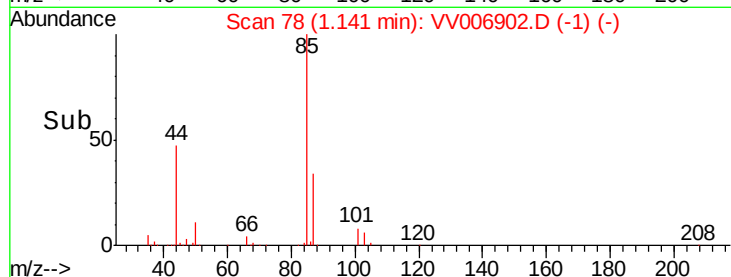
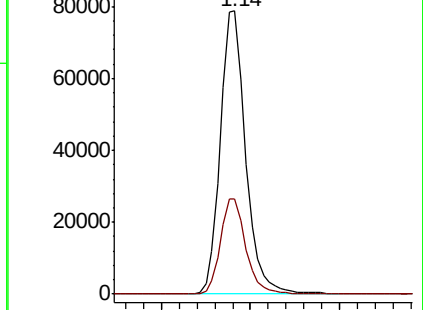
85 100

87 33.5 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VV006902.D (-70) (-)

Ion 87.00 (86.70 to 87.70): VV006902.D (-70) (-)



#3

Chloromethane

Concen: 4.360 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006902.D

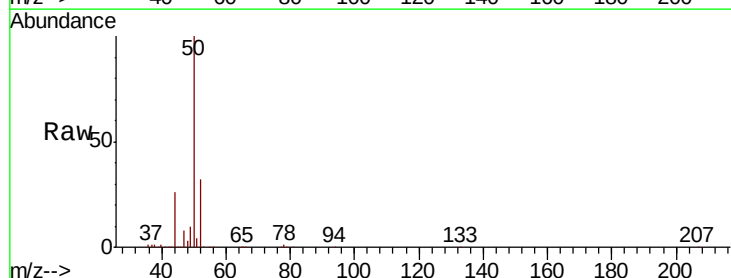
Acq: 07 Aug 2018 17:15

Tgt Ion: 50 Resp: 95230

Ion Ratio Lower Upper

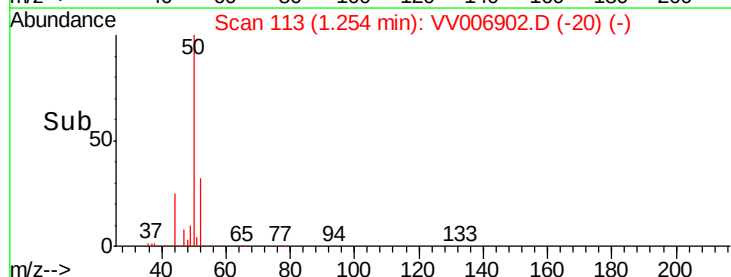
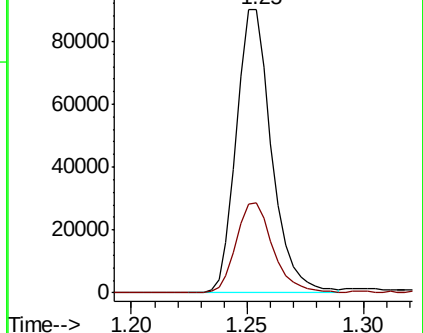
50 100

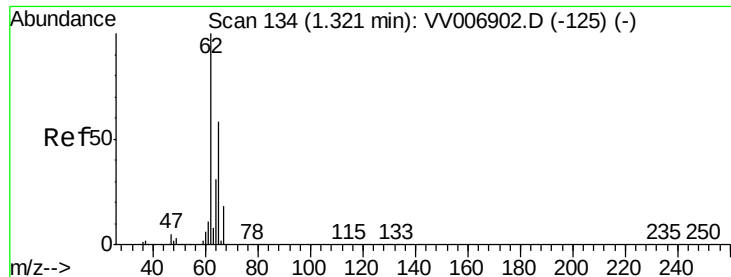
52 31.8 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV006902.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006902.D (-104) (-)





#5

Vinyl chloride

Concen: 5.277 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

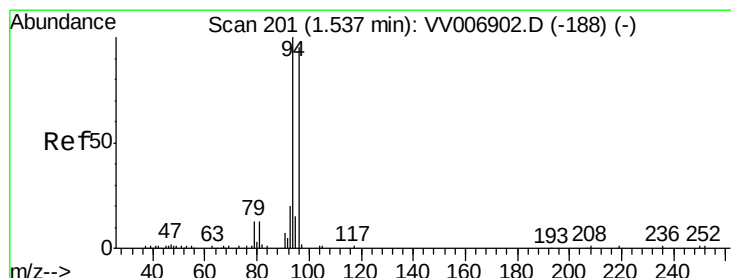
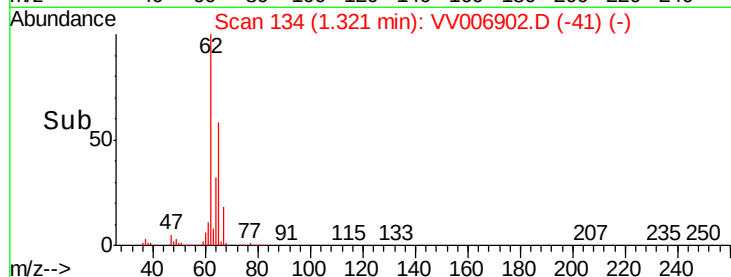
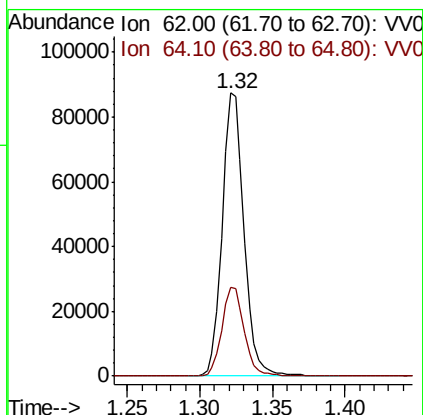
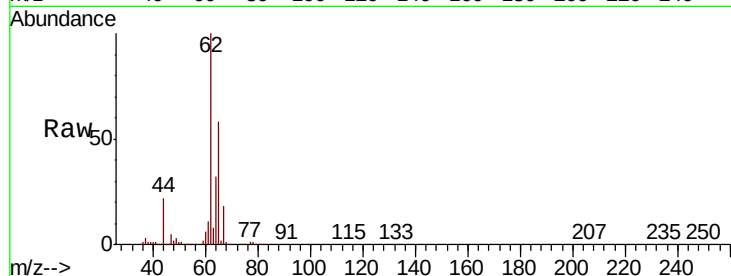
ClientSampleId :

Tot Ion: 62 Resp: 90642

Ion Ratio Lower Upper

62 100

64 31.6 22.1 41.1



#6

Bromomethane

Concen: 5.131 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV006902.D

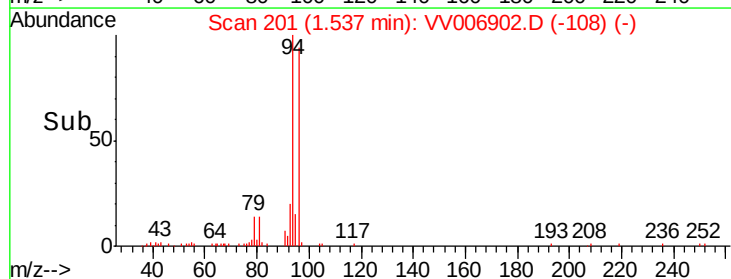
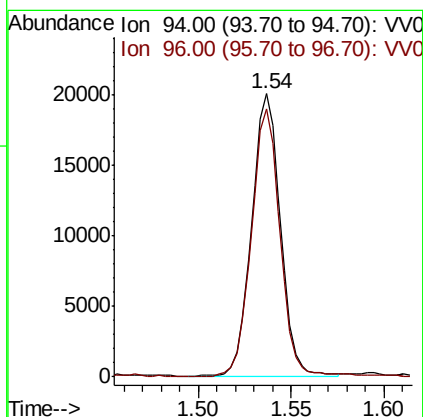
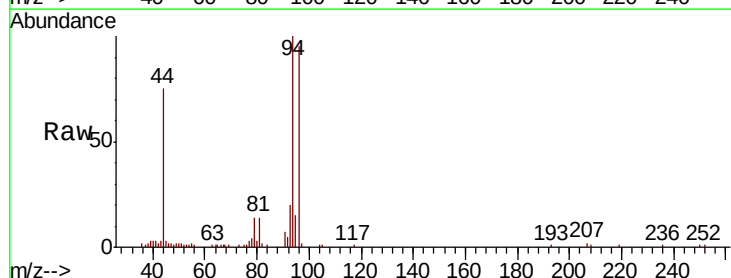
Acq: 07 Aug 2018 17:15

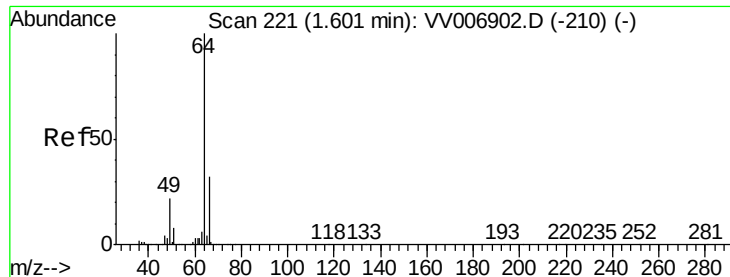
Tgt Ion: 94 Resp: 21894

Ion Ratio Lower Upper

94 100

96 94.6 66.2 123.0

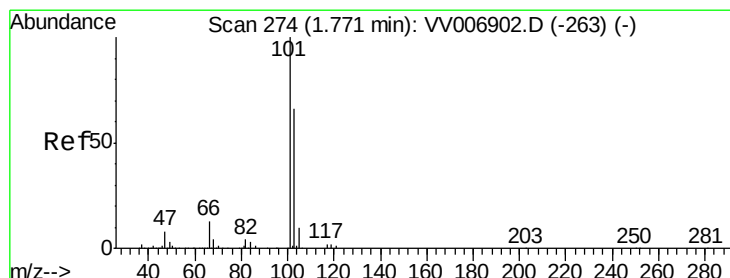
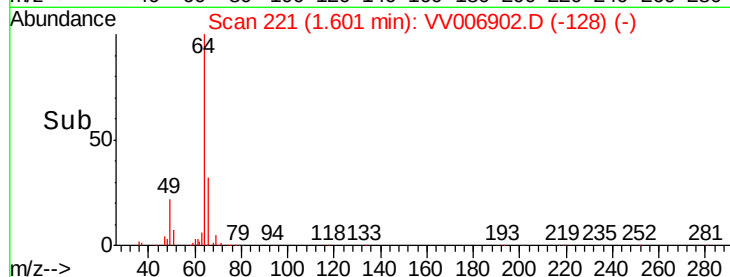
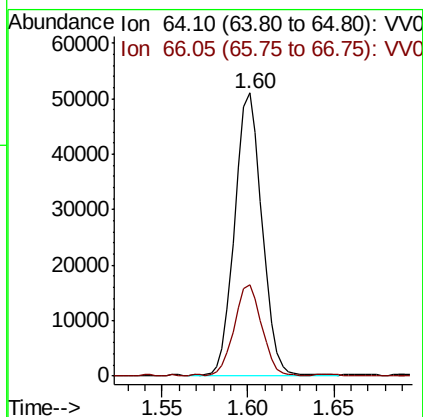
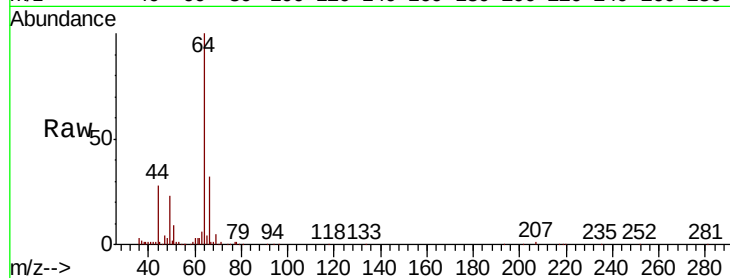




#8
Chloroethane
Concen: 4.946 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

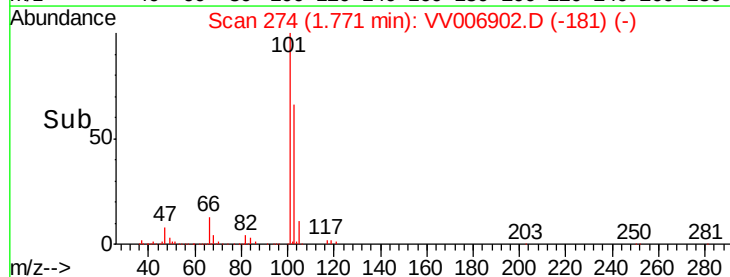
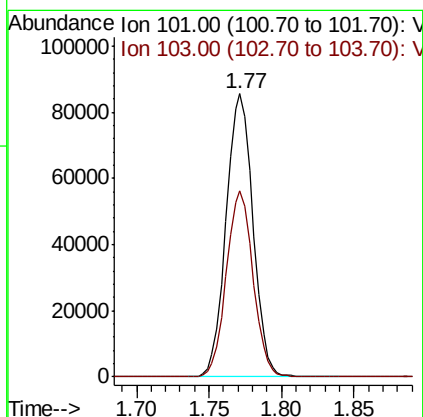
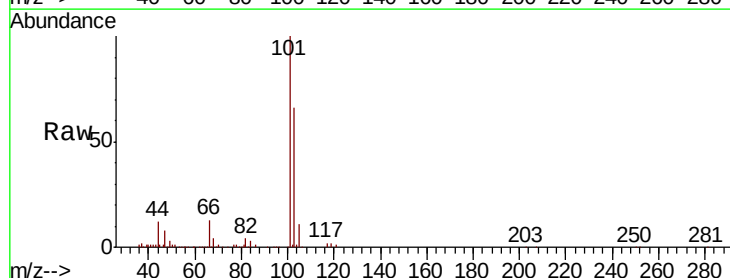
Instrument :
MSVOA_V
ClientSampleId :

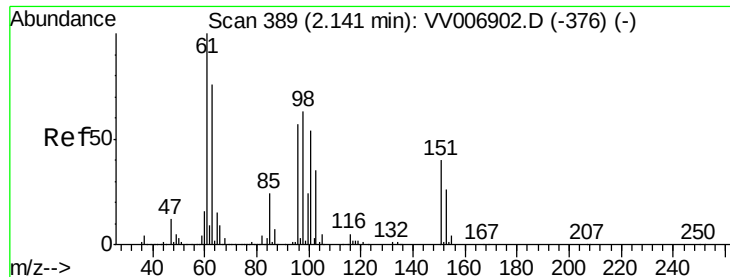
Tot Ion: 64 Resp: 56059
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.247 ug/L
RT: 1.77 min Scan# 274
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Tgt Ion: 101 Resp: 109484
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

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

Concen: 5.087 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

ClientSampled :

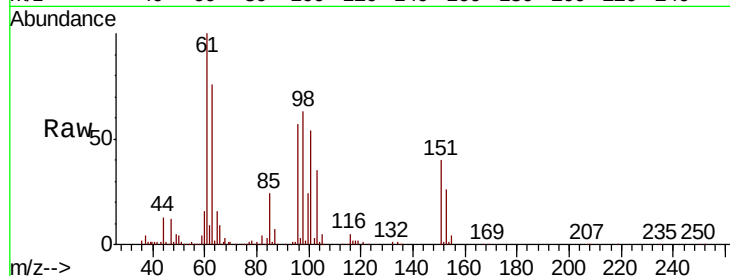
Tot Ion:101 Resp: 66263

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

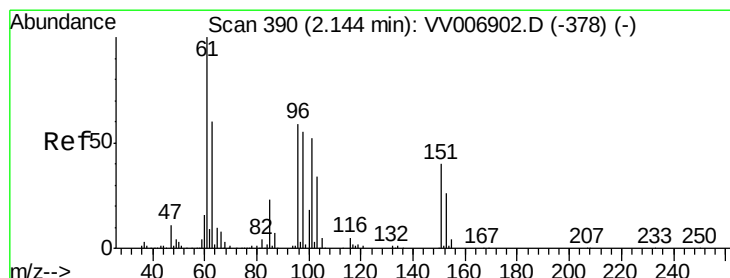
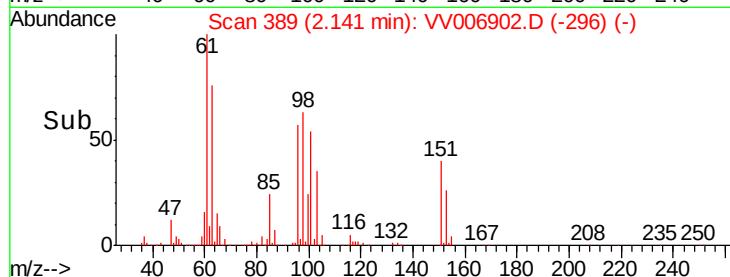
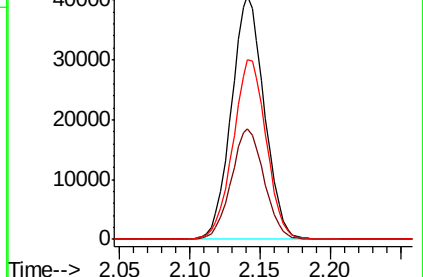
151 74.8 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV006902.D (-376) (-)

Ion 85.00 (84.70 to 85.70): VV006902.D (-376) (-)

Ion 151.00 (150.70 to 151.70): VV006902.D (-376) (-)



#12

1,1-Dichloroethene

Concen: 5.061 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

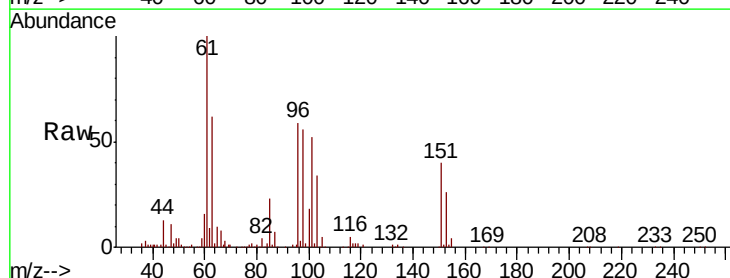
Tgt Ion: 96 Resp: 61113

Ion Ratio Lower Upper

96 100

61 170.0 119.0 221.0

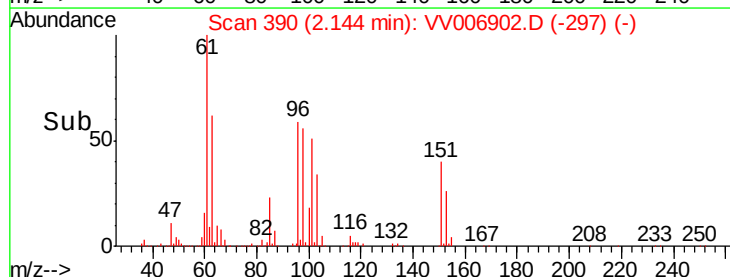
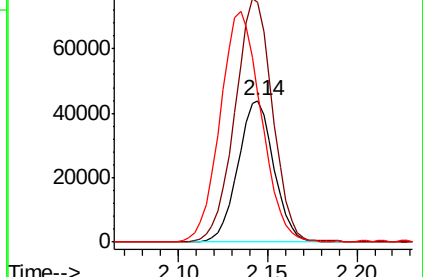
63 105.1 73.6 136.6

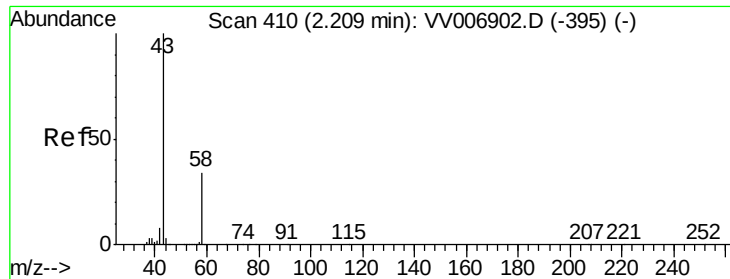


Abundance Ion 96.00 (95.70 to 96.70): VV006902.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VV006902.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VV006902.D (-378) (-)





#13

Acetone

Concen: 50.981 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

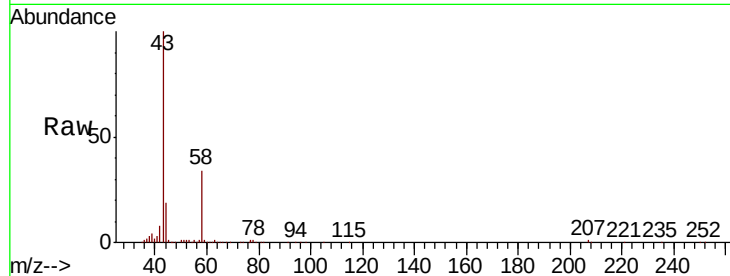
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 115467

Ion Ratio Lower Upper

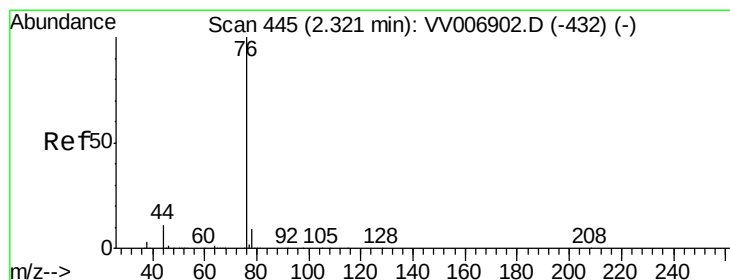
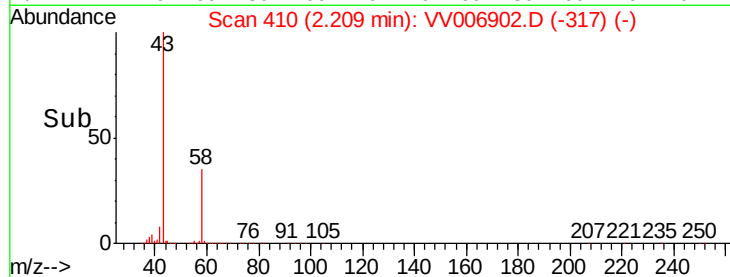
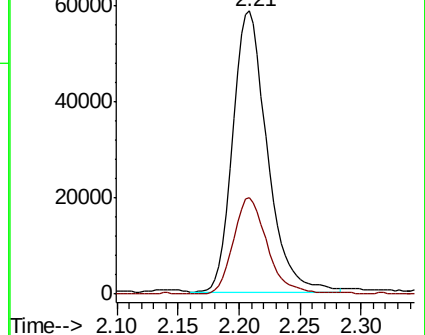
43 100

58 34.0 0.0 68.0



Abundance Ion 43.05 (42.75 to 43.75): VV006902.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006902.D (-395) (-)



#14

Carbon disulfide

Concen: 5.337 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006902.D

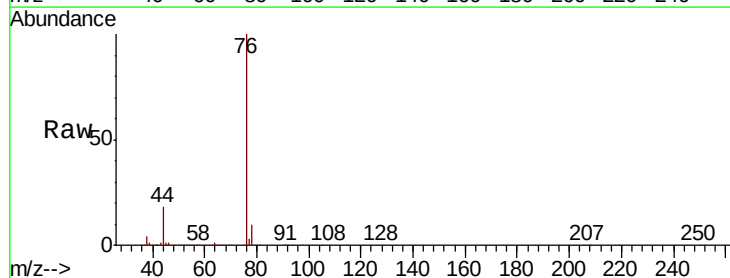
Acq: 07 Aug 2018 17:15

Tgt Ion: 76 Resp: 194476

Ion Ratio Lower Upper

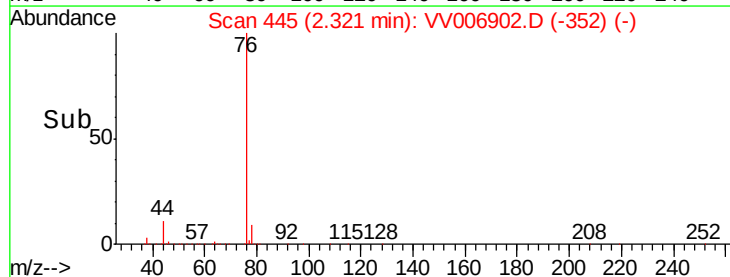
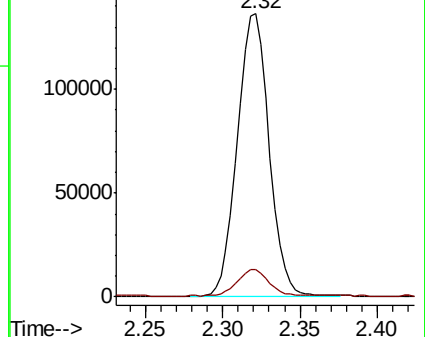
76 100

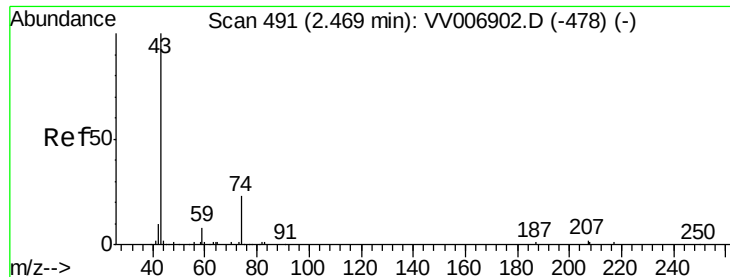
78 9.7 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VV006902.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV006902.D (-432) (-)

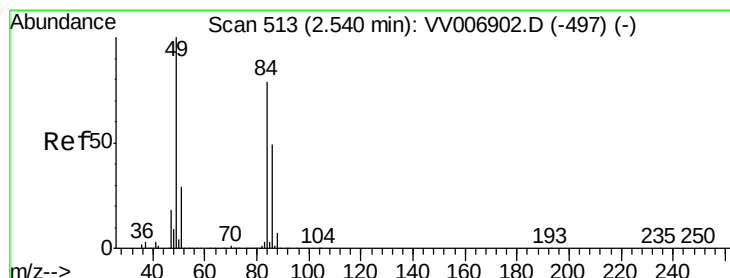
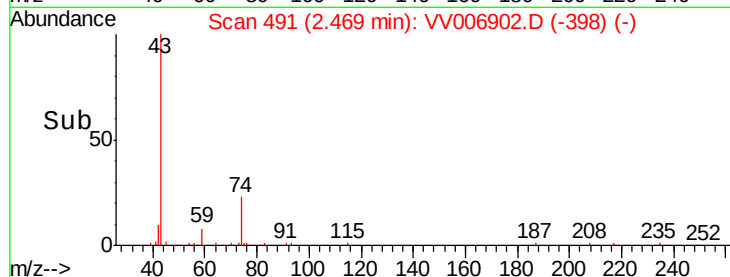
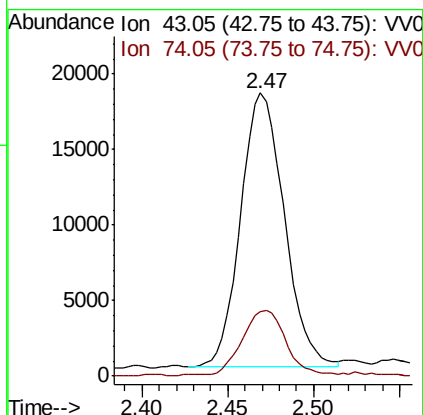
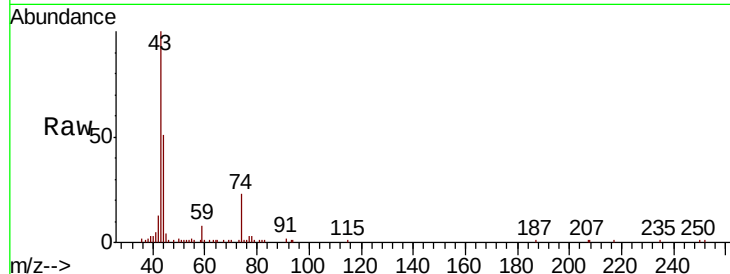




#15
Methvl Acetate
Concen: 4.769 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

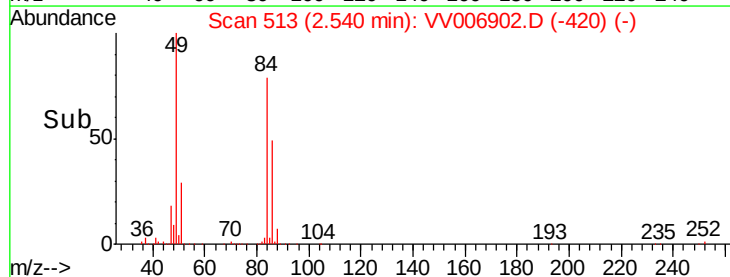
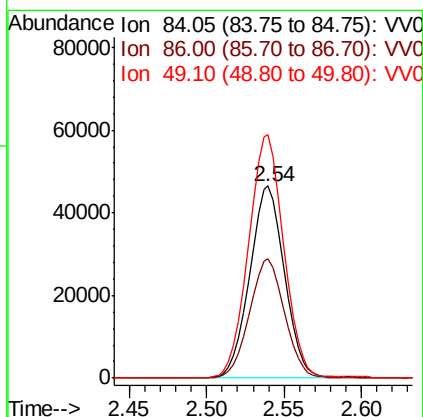
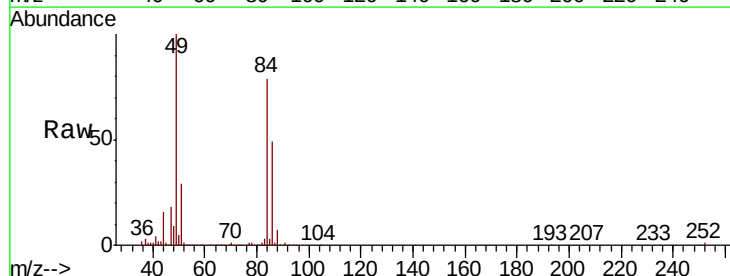
Instrument :
MSVOA_V
ClientSampleId :

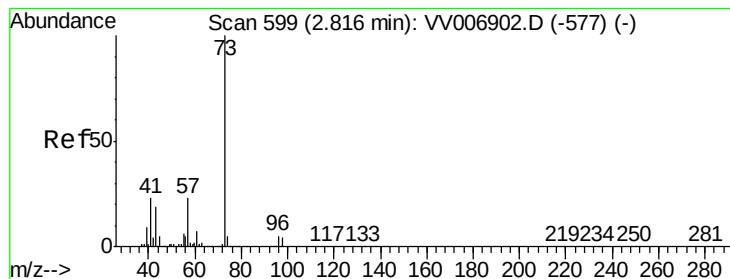
Tot Ion: 43 Resp: 32085
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8



#16
Methylene chloride
Concen: 4.985 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Tgt Ion: 84 Resp: 72780
Ion Ratio Lower Upper
84 100
86 62.3 43.6 81.0
49 126.6 88.6 164.6





#17

Methyl tert-butyl Ether

Concen: 5.125 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

ClientSampled :

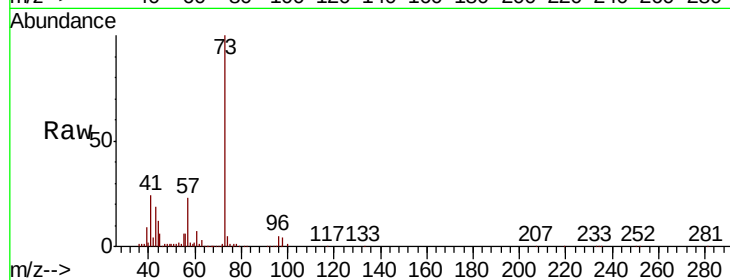
Tot Ion: 73 Resp: 166838

Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

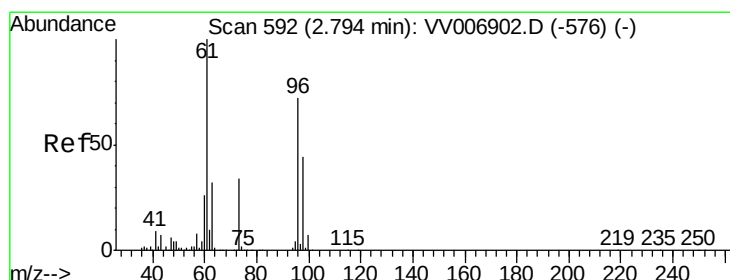
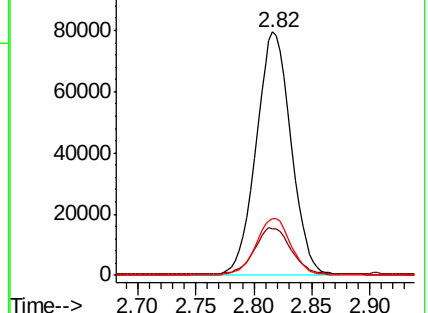
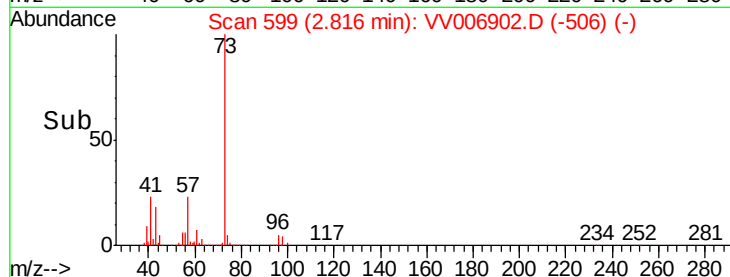
57 23.5 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VV006902.D (-577) (-)

Ion 43.05 (42.75 to 43.75): VV006902.D (-577) (-)

Ion 57.10 (56.80 to 57.80): VV006902.D (-577) (-)



#18

trans-1,2-Dichloroethene

Concen: 5.020 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

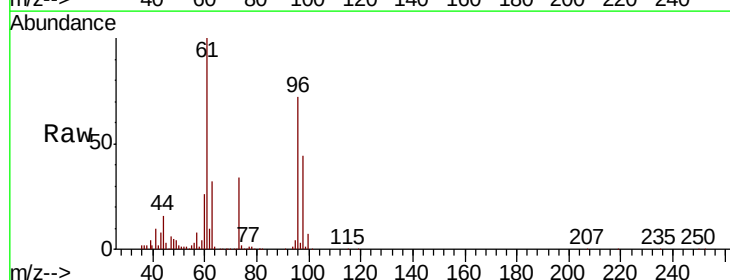
Tgt Ion: 96 Resp: 66283

Ion Ratio Lower Upper

96 100

61 139.0 97.3 180.7

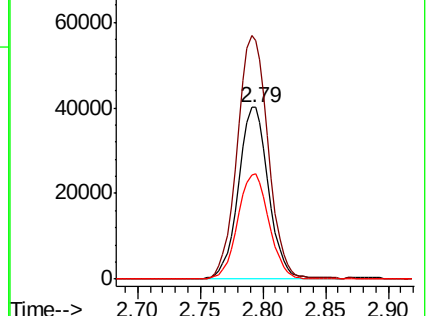
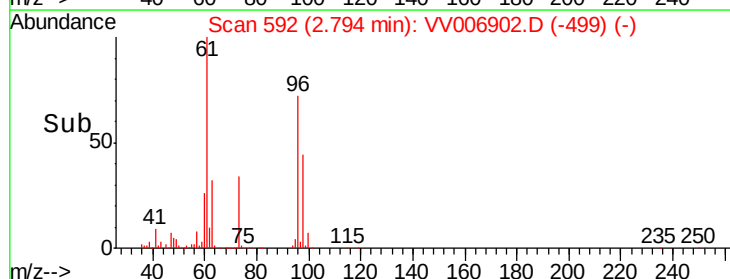
98 61.2 42.8 79.6

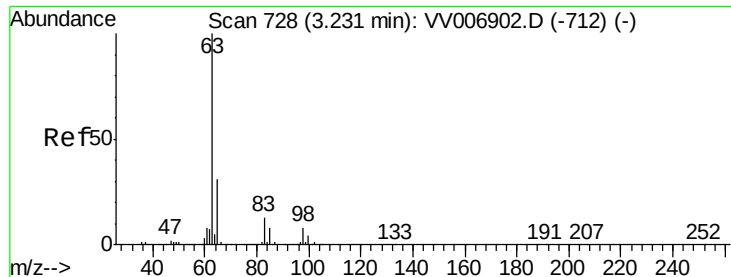


Abundance Ion 96.00 (95.70 to 96.70): VV006902.D (-576) (-)

Ion 61.05 (60.75 to 61.75): VV006902.D (-576) (-)

Ion 97.95 (97.65 to 98.65): VV006902.D (-576) (-)

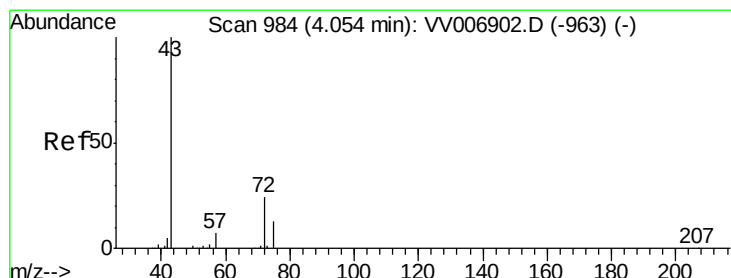
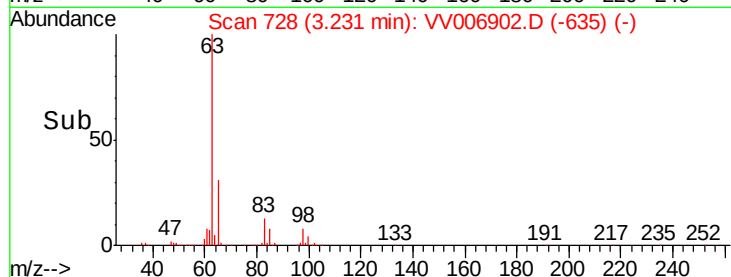
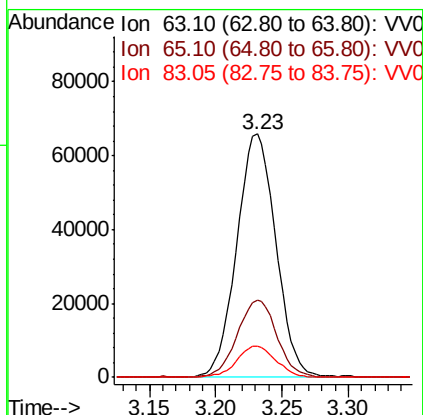
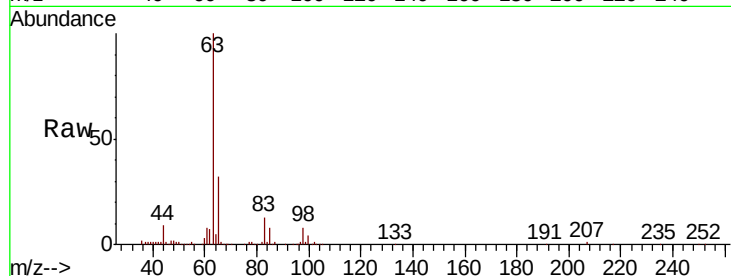




#19
 1,1-Dichloroethane
 Concen: 5.386 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

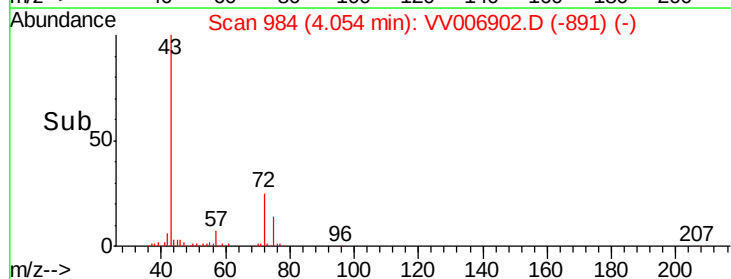
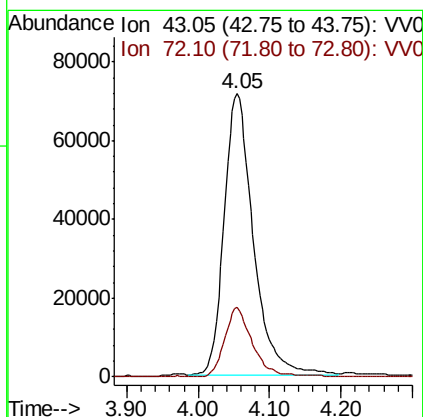
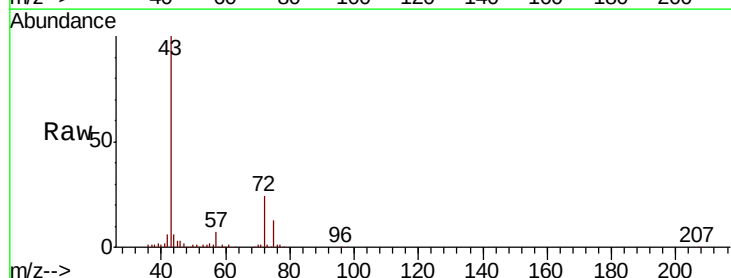
Instrument :
 MSVOA_V
 ClientSampleId :

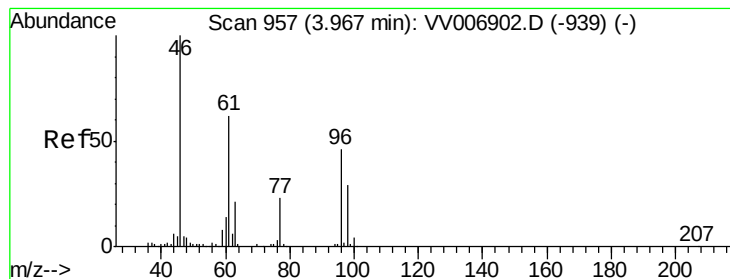
Tot Ion: 63 Resp: 133916
 Ion Ratio Lower Upper
 63 100
 65 31.5 22.0 41.0
 83 12.9 9.0 16.8



#21
 2-Butanone
 Concen: 57.387 ug/L
 RT: 4.05 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion: 43 Resp: 203546
 Ion Ratio Lower Upper
 43 100
 72 23.7 11.9 35.5



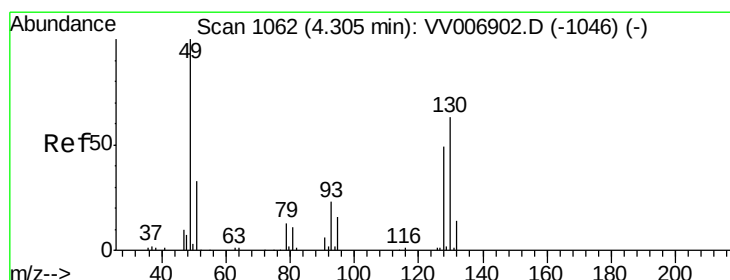
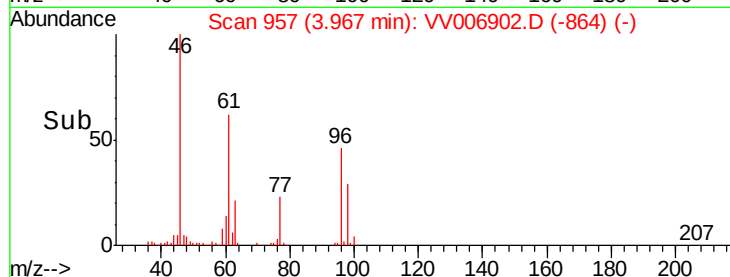
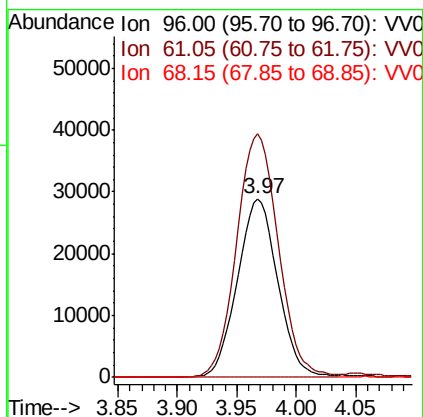
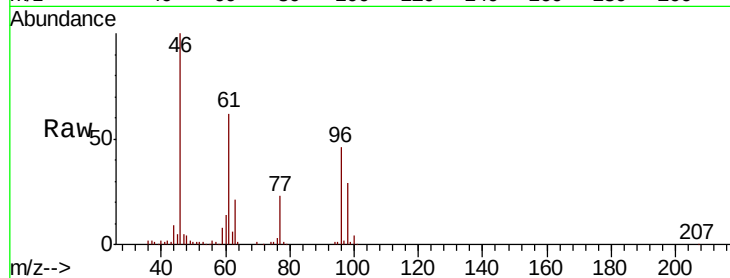


#22

cis-1,2-Dichloroethene
Concen: 4.859 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Instrument :
MSVOA_V
ClientSampled :

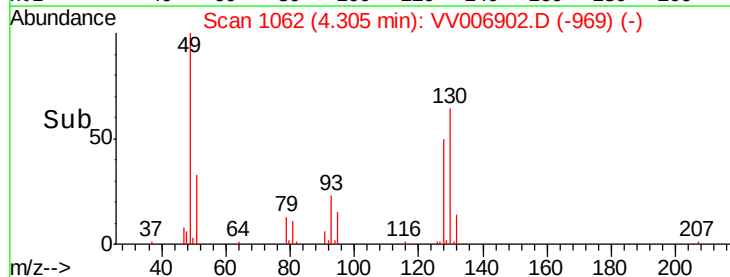
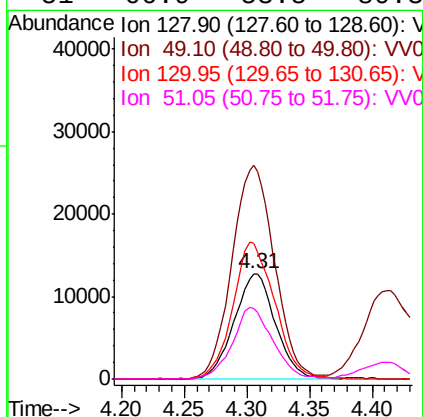
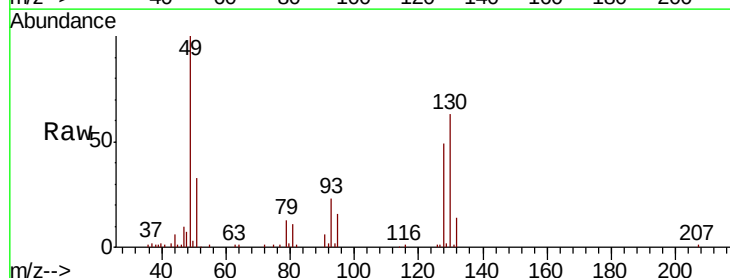
Tot Ion: 96 Resp: 67934
Ion Ratio Lower Upper
96 100
61 136.5 95.5 177.4
68 0.0 0.0 0.0

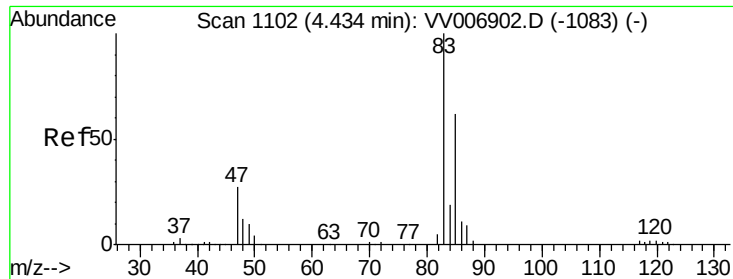


#23

Bromochloromethane
Concen: 4.811 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Tgt Ion: 128 Resp: 29223
Ion Ratio Lower Upper
128 100
49 202.2 141.5 262.9
130 128.2 89.7 166.7
51 66.9 53.5 80.3

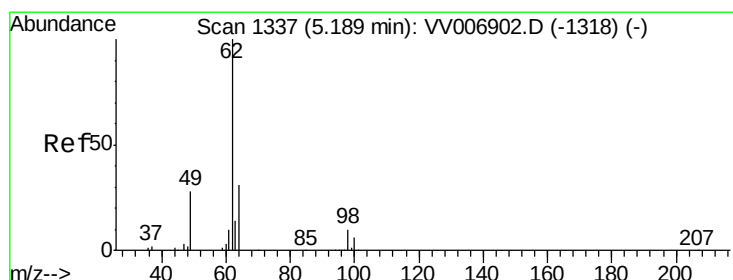
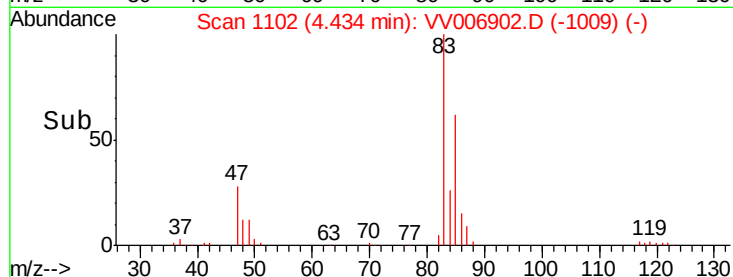
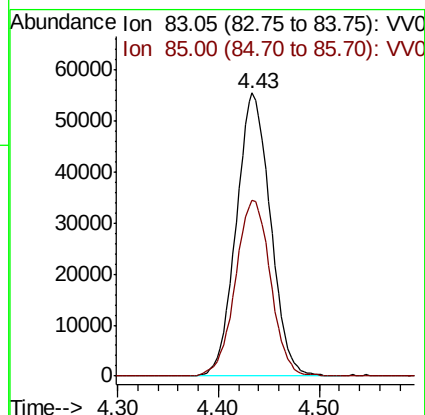
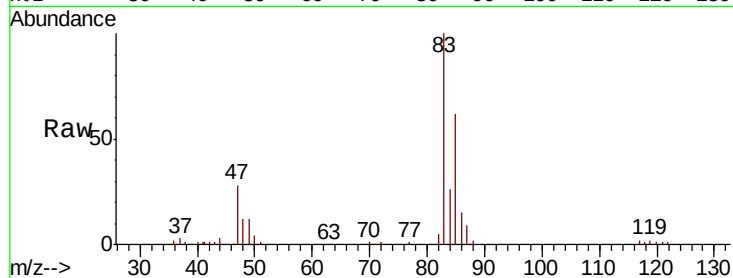




#25
Chloroform
Concen: 5.361 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

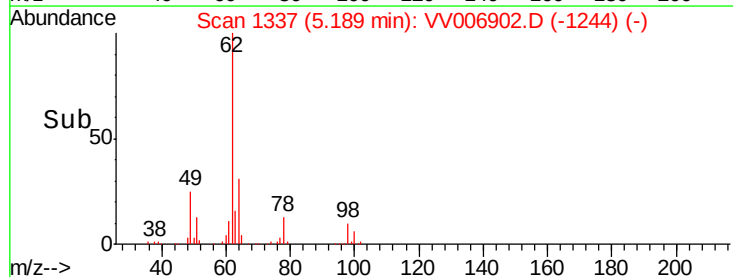
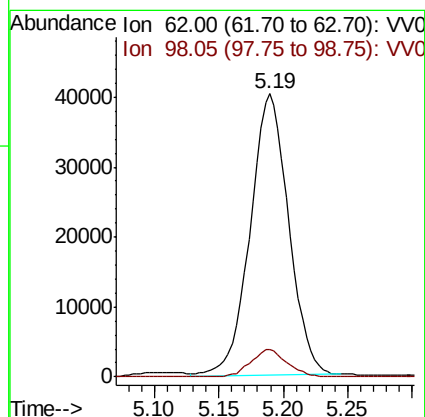
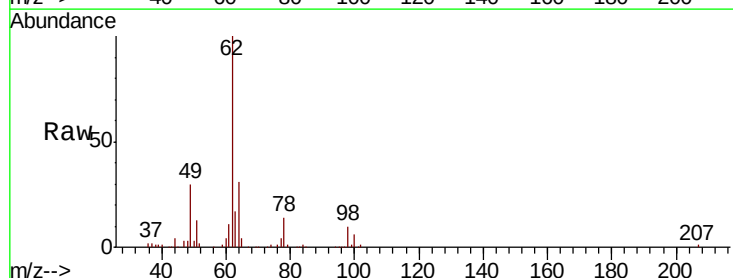
Instrument :
MSVOA_V
ClientSampleId :

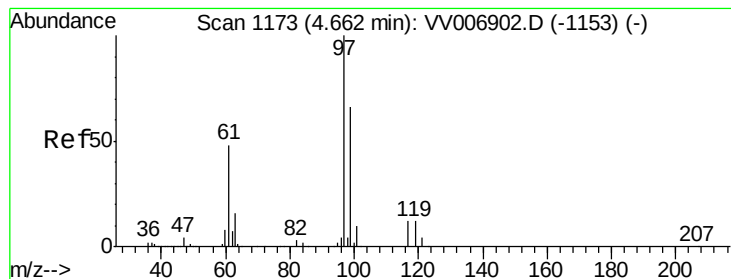
Tot Ion: 83 Resp: 130415
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.585 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Tgt Ion: 62 Resp: 83490
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.202 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :
MSVOA_V
ClientSampleId :

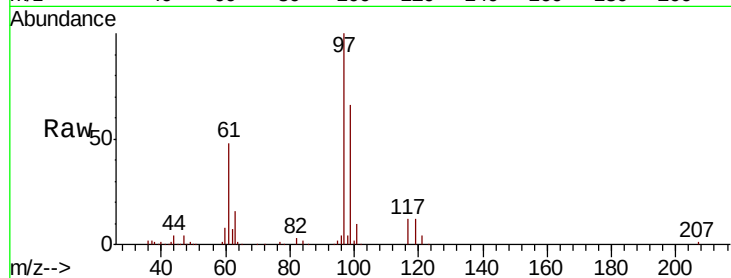
Tot Ion: 97 Resp: 107384

Ion Ratio Lower Upper

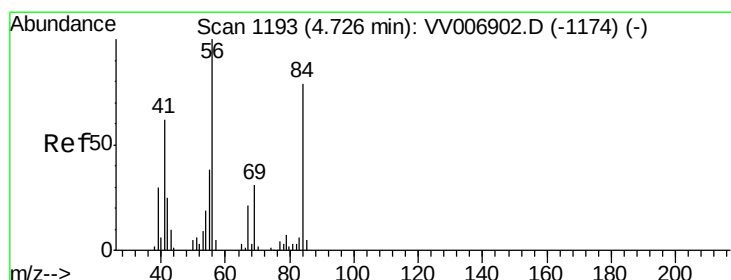
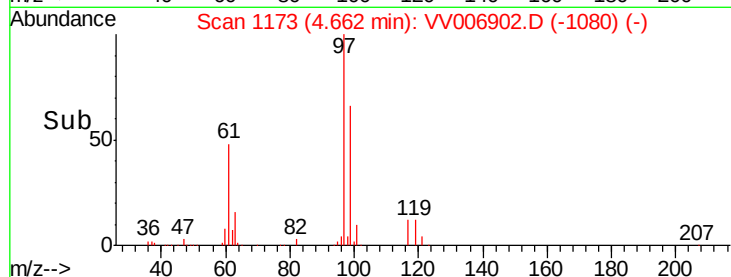
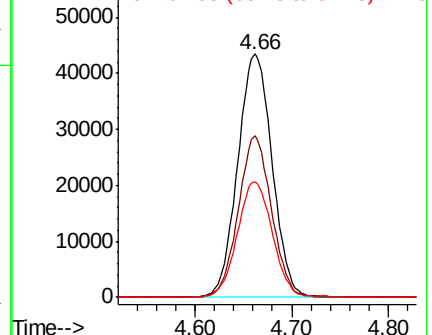
97 100

99 63.8 51.0 76.6

61 48.2 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 4.871 ug/L

RT: 4.73 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

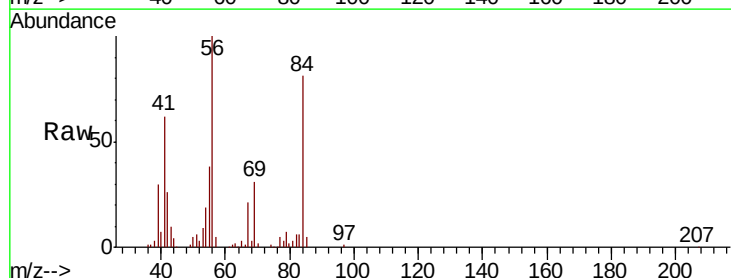
Tgt Ion: 56 Resp: 102446

Ion Ratio Lower Upper

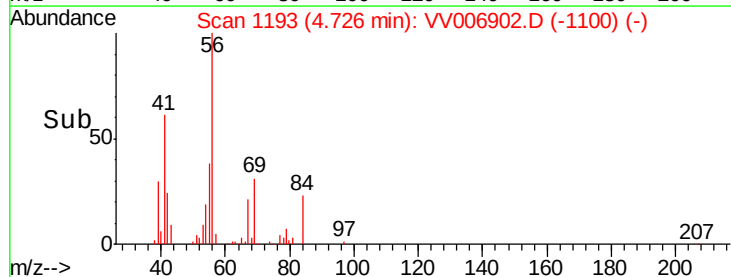
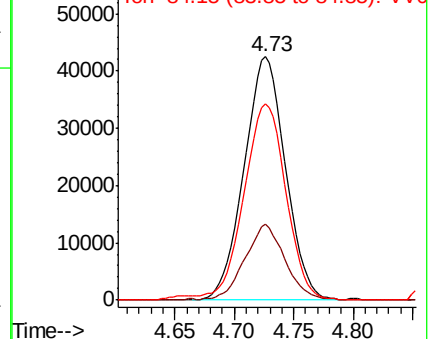
56 100

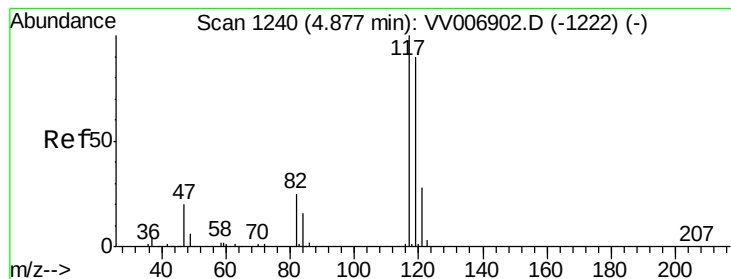
69 30.2 24.2 36.2

84 81.9 65.5 98.3



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: 5.277 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

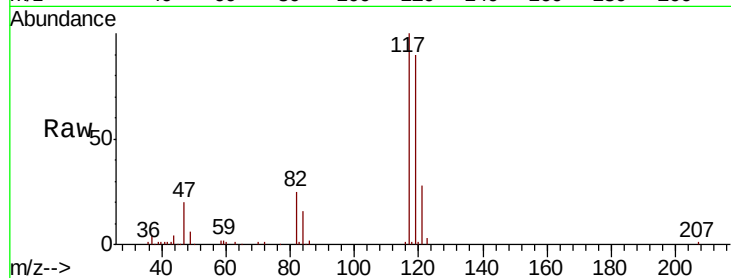
ClientSampleId :

Tot Ion:117 Resp: 90126

Ion Ratio Lower Upper

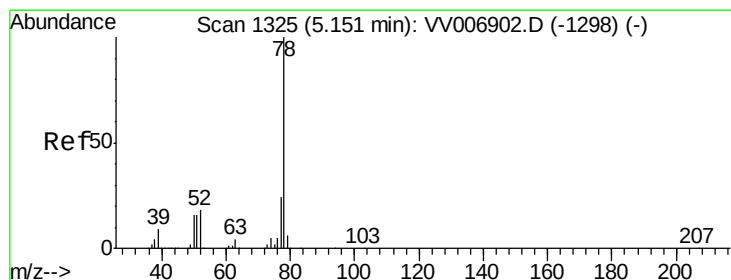
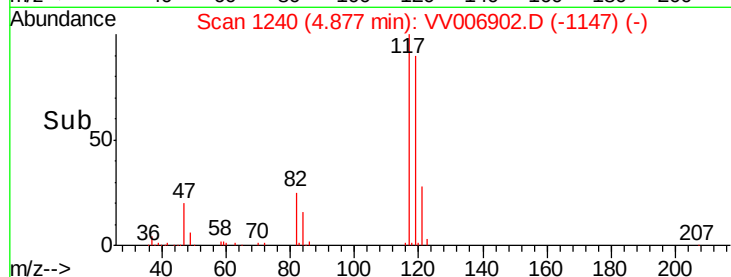
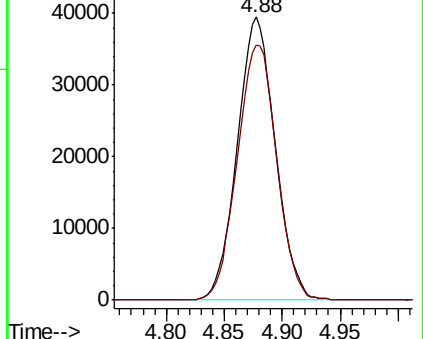
117 100

119 93.6 74.9 112.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.097 ug/L

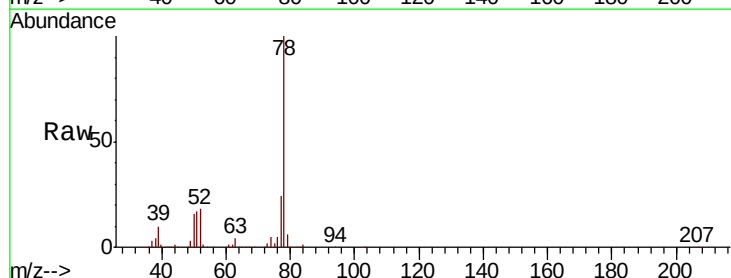
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV006902.D

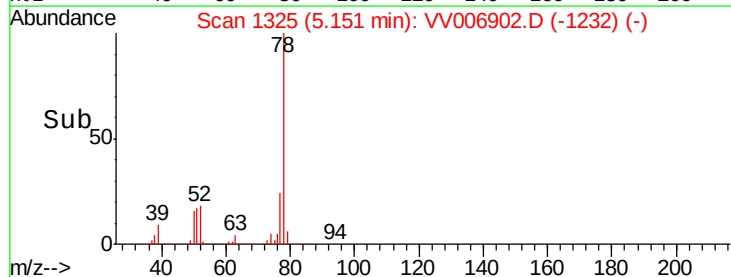
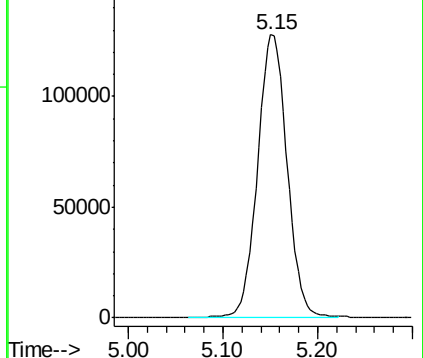
Acq: 07 Aug 2018 17:15

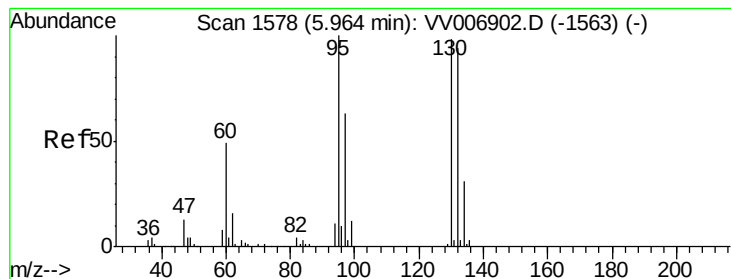
Tgt Ion: 78 Resp: 277817



Abundance Ion 78.10 (77.80 to 78.80): VV0

150000





#34

Trichloroethene

Concen: 4.735 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 64749

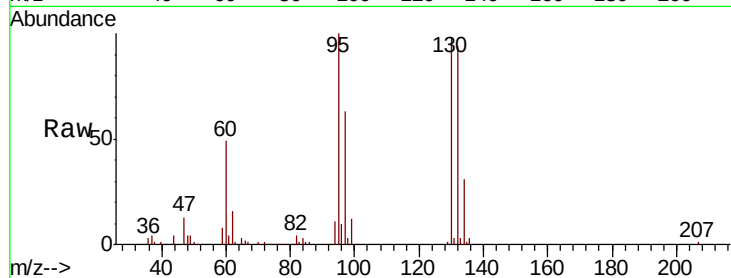
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 93.7 65.6 121.8

130 98.3 68.8 127.8

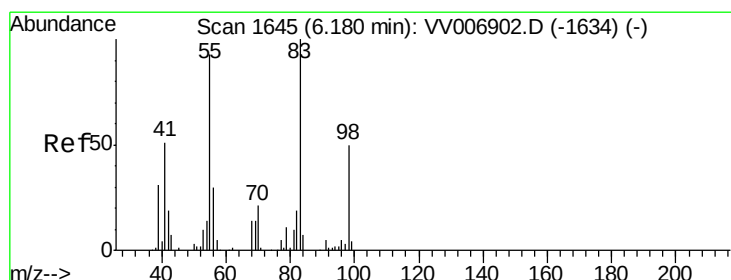
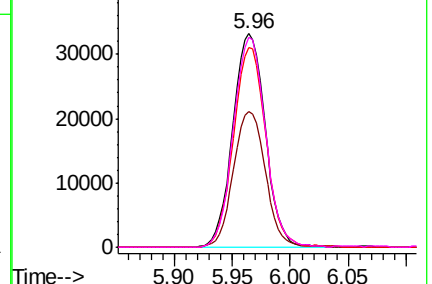
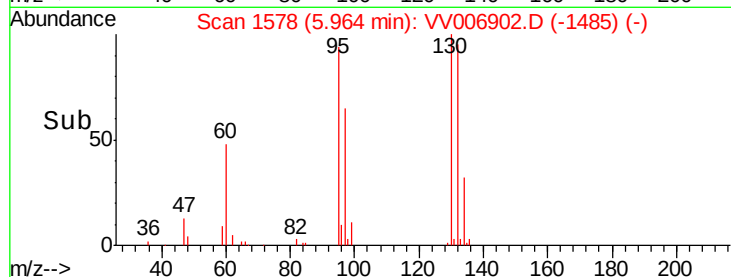


Abundance Ion 95.00 (94.70 to 95.70): VV006902.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VV006902.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VV006902.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VV006902.D (-1563) (-)



#35

Methylcyclohexane

Concen: 4.615 ug/L

RT: 6.18 min Scan# 1645

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

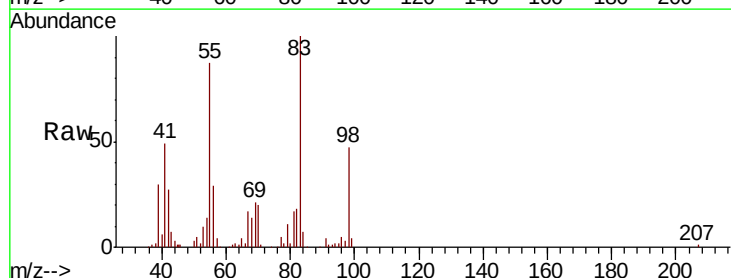
Tgt Ion: 83 Resp: 99053

Ion Ratio Lower Upper

83 100

55 87.3 69.8 104.8

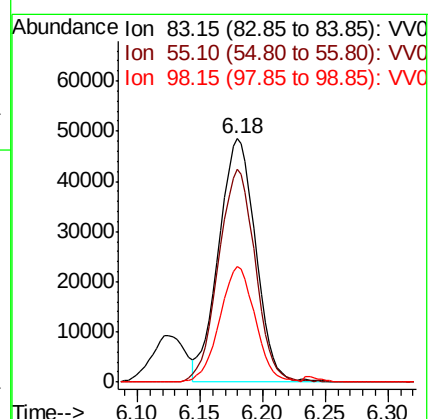
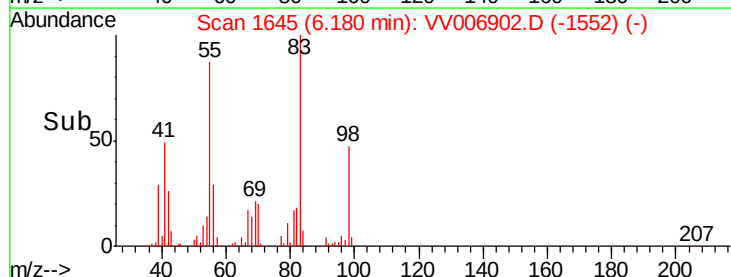
98 45.5 36.4 54.6

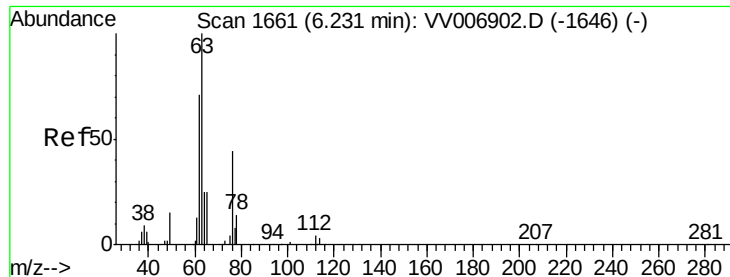


Abundance Ion 83.15 (82.85 to 83.85): VV006902.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV006902.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV006902.D (-1634) (-)

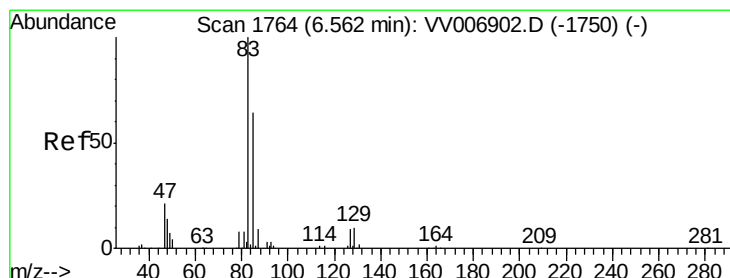
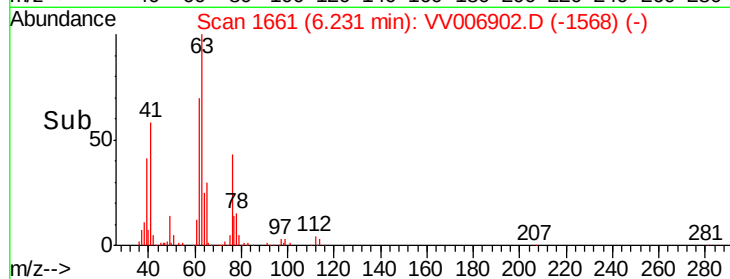
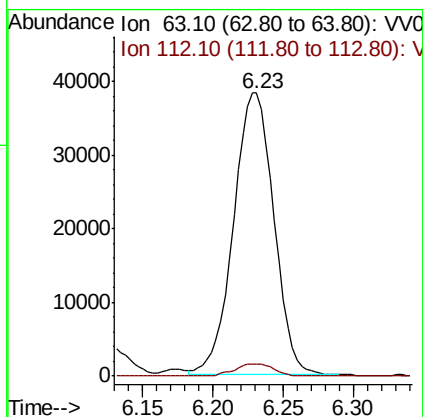
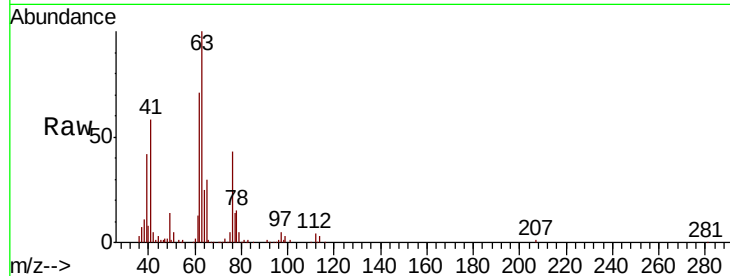




#37
 1,2-Dichloropropane
 Concen: 5.330 ug/L
 RT: 6.23 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

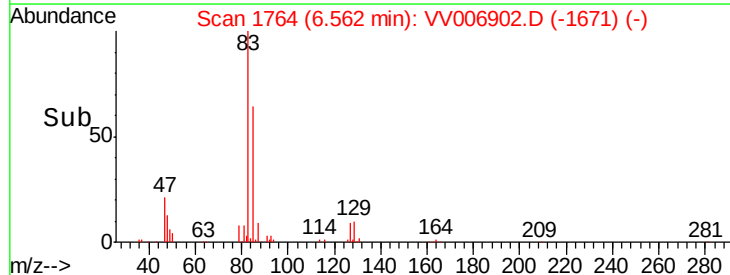
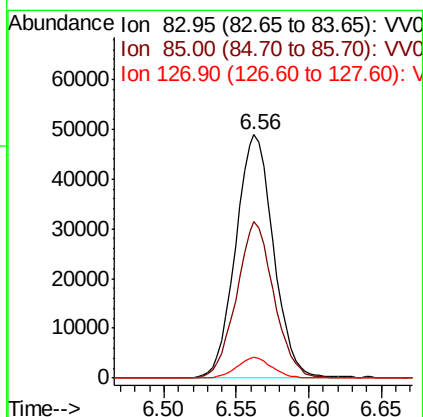
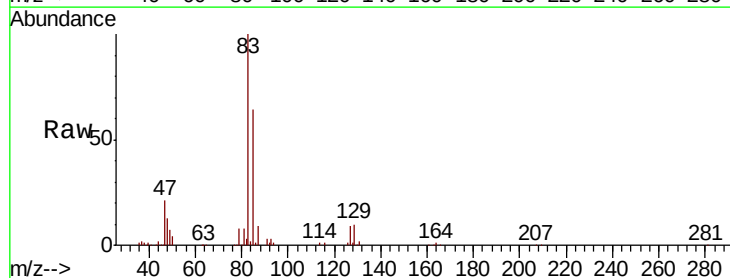
Instrument :
 MSVOA_V
 ClientSampleId :

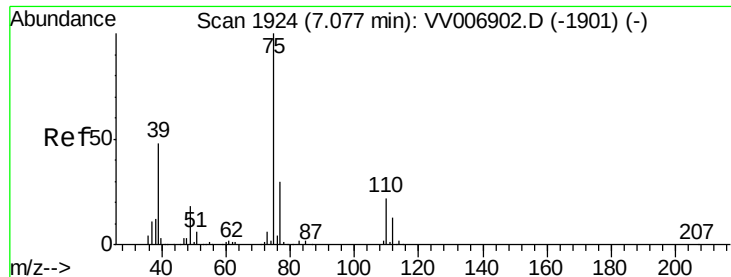
Tot Ion: 63 Resp: 76594
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.369 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion: 83 Resp: 88441
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.9 83.3
 127 8.6 6.9 10.3

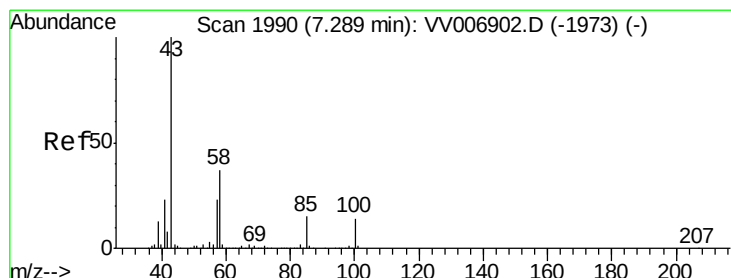
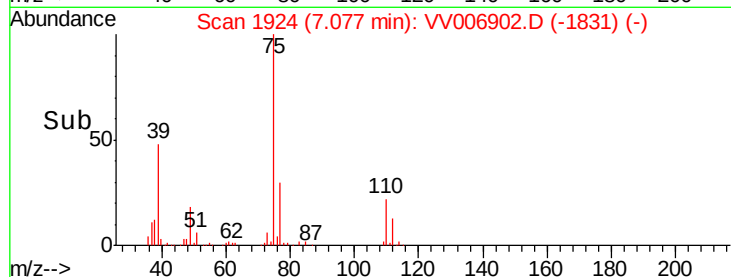
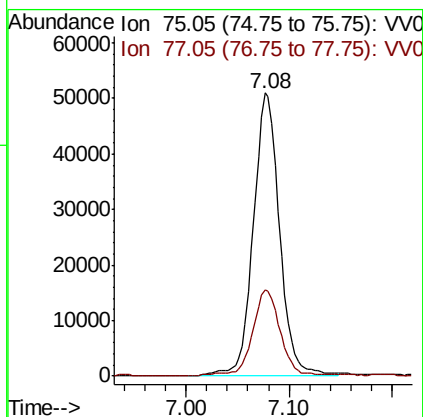
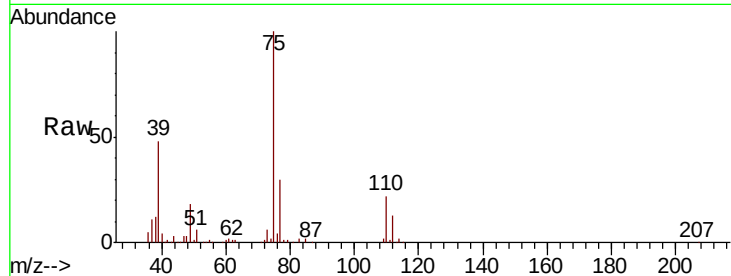




#39
 cis-1,3-Dichloropropene
 Concen: 4.955 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

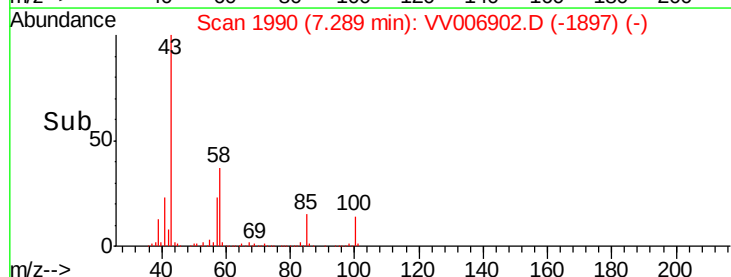
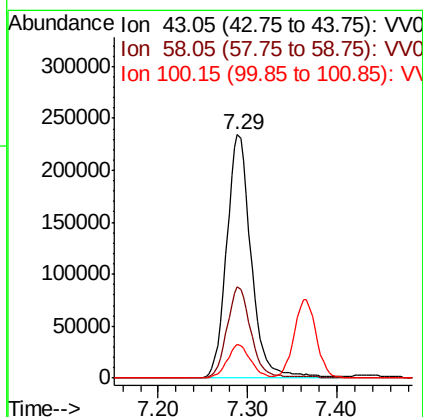
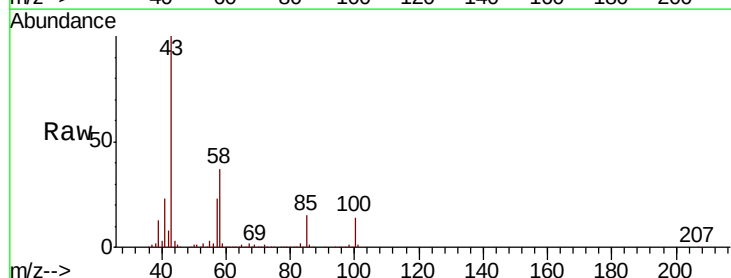
Instrument :
 MSVOA_V
 ClientSampleId :

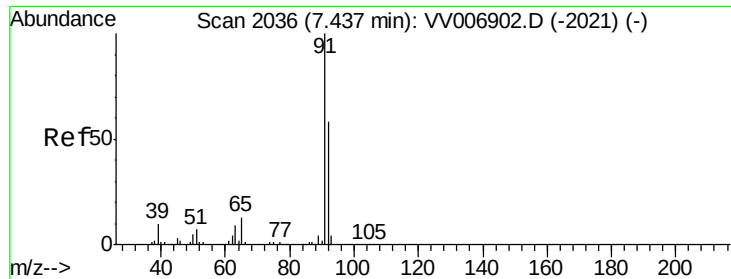
Tot Ion: 75 Resp: 90376
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 55.118 ug/L
 RT: 7.29 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion: 43 Resp: 445085
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.6
 100 13.1 10.5 15.7





#42

Toluene

Concen: 5.015 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

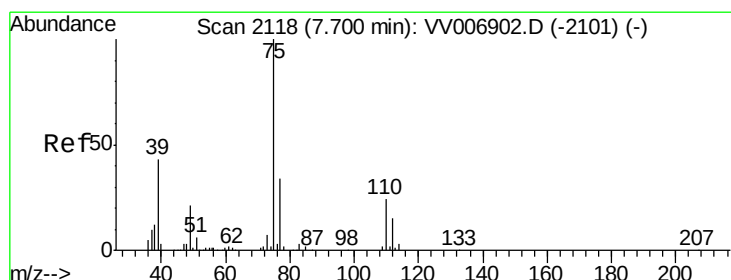
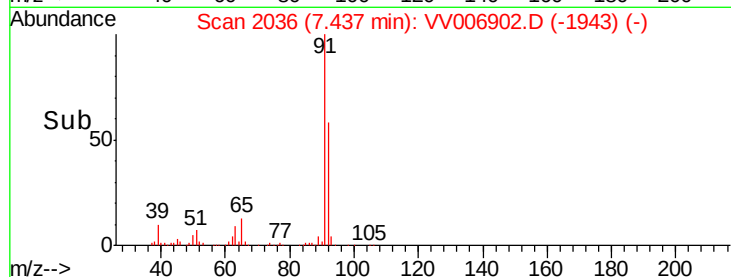
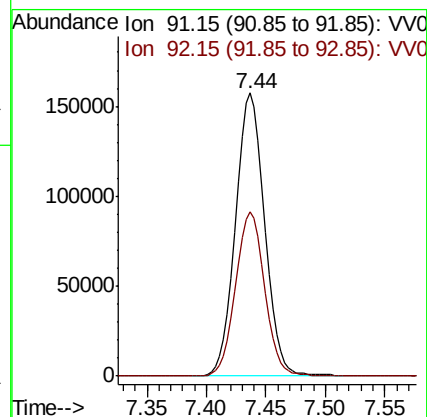
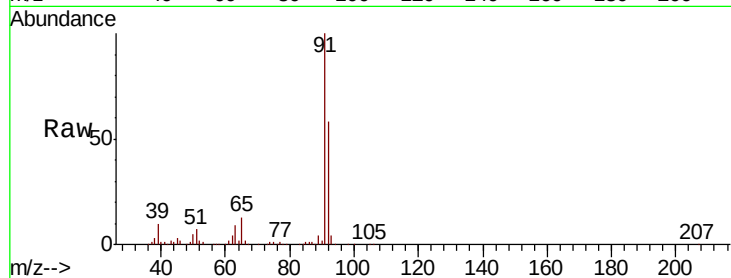
ClientSampleId :

Tot Ion: 91 Resp: 267077

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.993 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006902.D

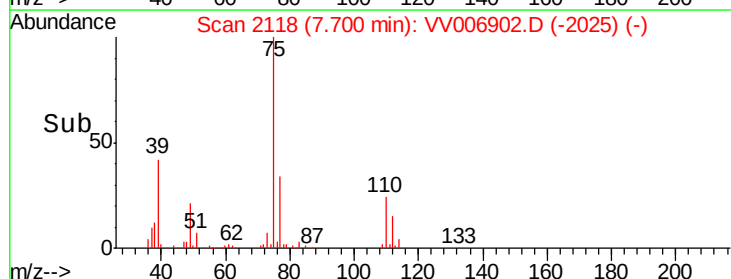
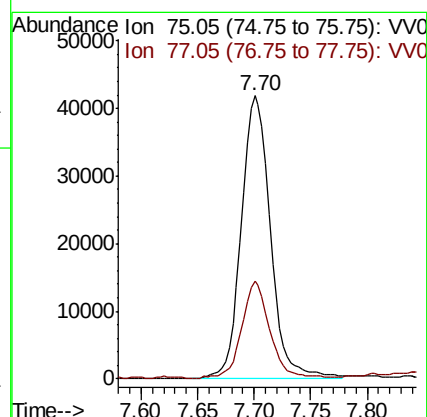
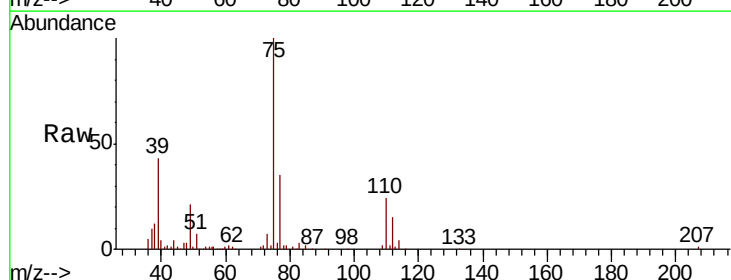
Acq: 07 Aug 2018 17:15

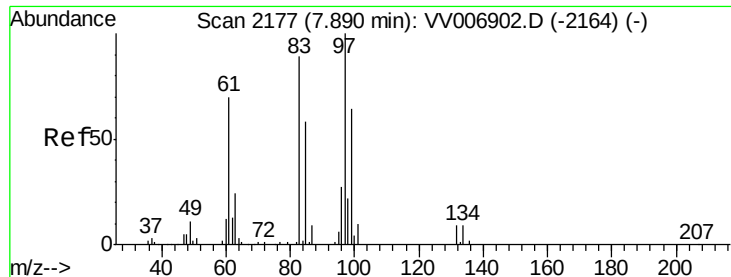
Tgt Ion: 75 Resp: 75623

Ion Ratio Lower Upper

75 100

77 34.6 24.2 45.0

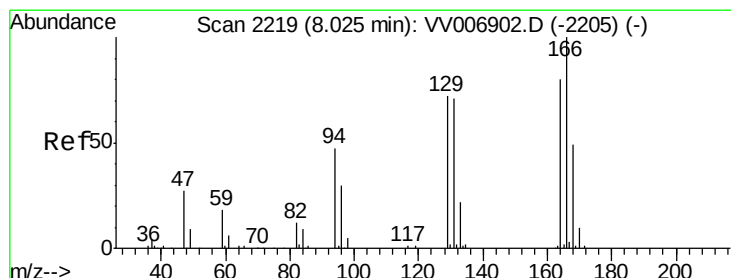
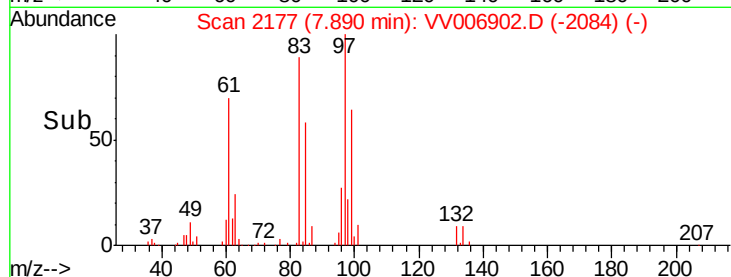
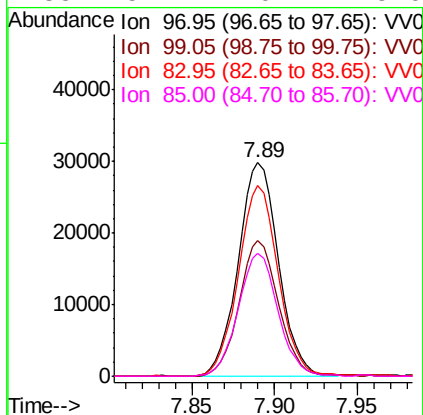
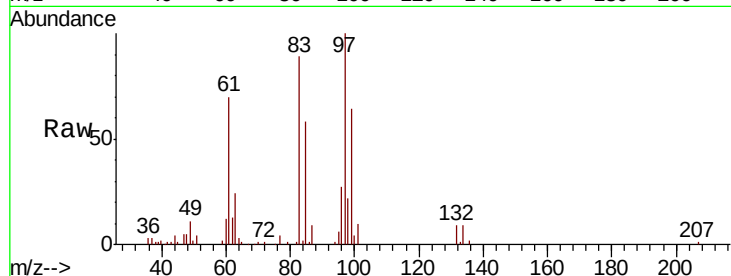




#45
 1,1,2-Trichloroethane
 Concen: 4.915 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

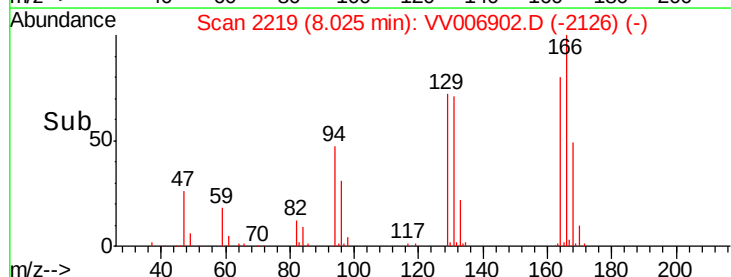
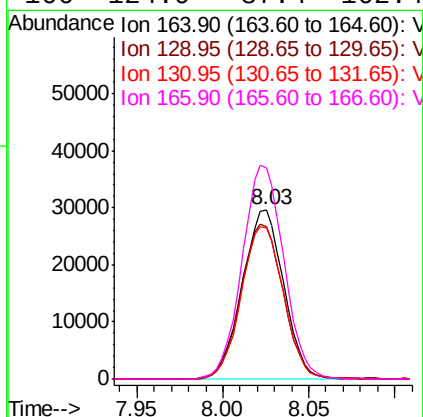
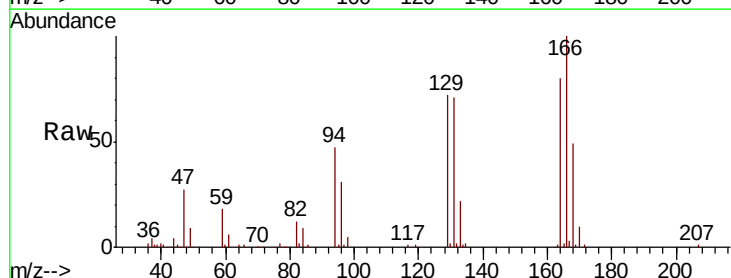
Instrument :
 MSVOA_V
 ClientSampleId :

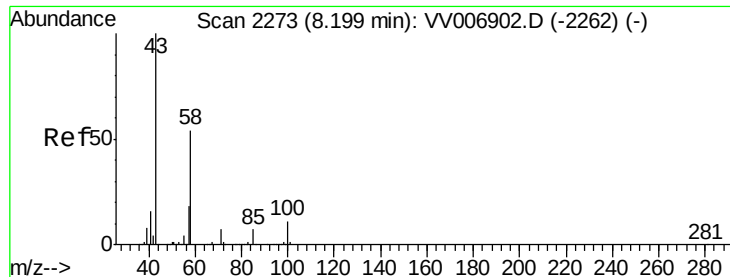
Tot Ion:	97	Resp:	50201
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	89.2	62.4	116.0
85	57.7	40.4	75.0



#47
 Tetrachloroethene
 Concen: 4.622 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion:	164	Resp:	49623
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.1	117.3
131	89.0	62.3	115.7
166	124.9	87.4	162.4

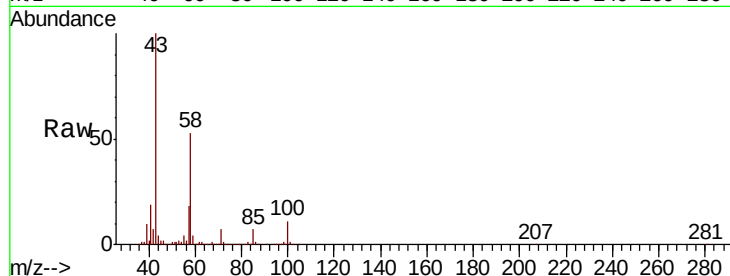




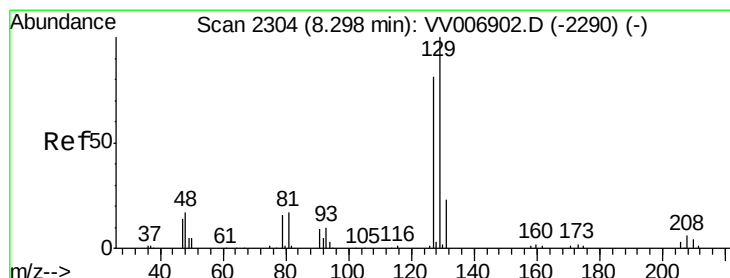
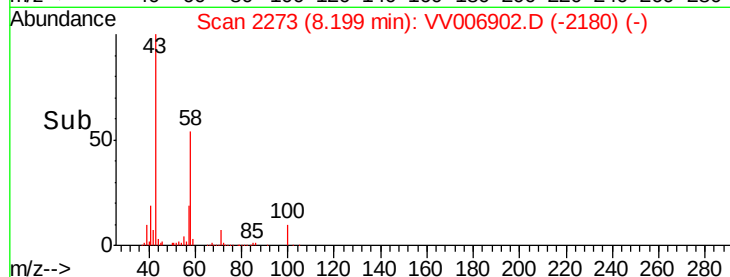
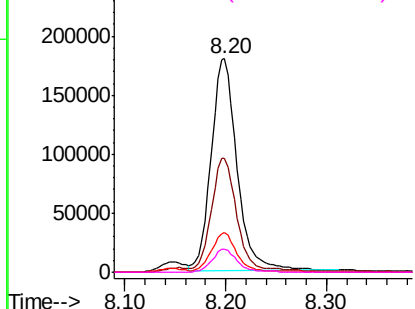
#48
2-Hexanone
Concen: 58.591 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:	43	Resp:	324657
Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.0	63.0
57	17.6	14.1	21.1
100	10.1	8.1	12.1

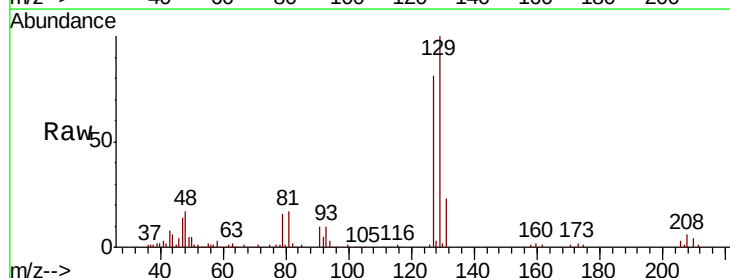


Abundance Ion 43.05 (42.75 to 43.75): VV006902.D (-2262) (-)
Ion 58.05 (57.75 to 58.75): VV006902.D (-2262) (-)
Ion 57.20 (56.90 to 57.90): VV006902.D (-2262) (-)
Ion 100.15 (99.85 to 100.85): VV006902.D (-2262) (-)

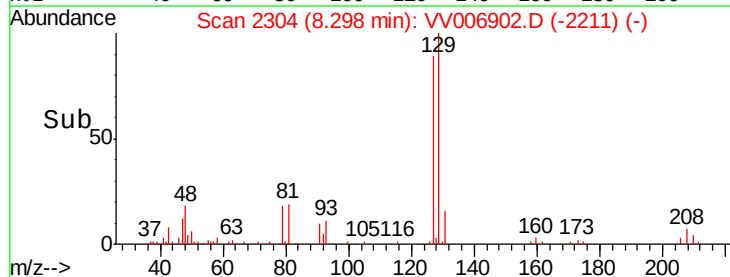
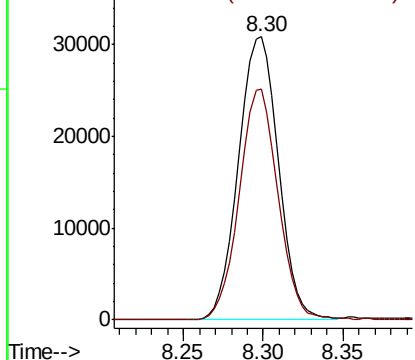


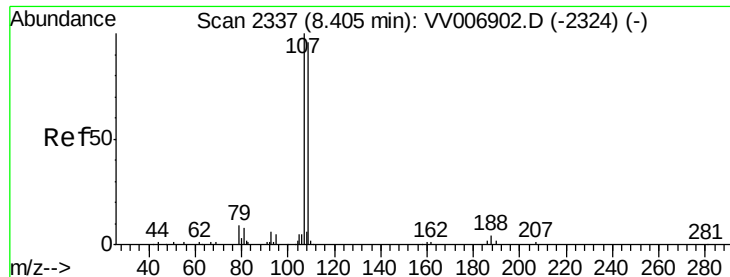
#49
Dibromochloromethane
Concen: 5.053 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV006902.D
Acq: 07 Aug 2018 17:15

Tgt Ion:	129	Resp:	52578
Ion	Ratio	Lower	Upper
129	100		
127	81.4	57.0	105.8



Abundance Ion 128.95 (128.65 to 129.65): VV006902.D (-2290) (-)
Ion 126.90 (126.60 to 127.60): VV006902.D (-2290) (-)

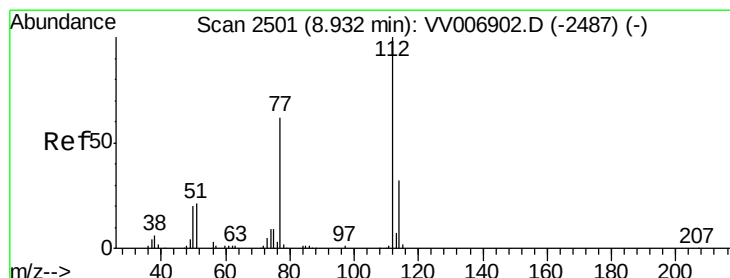
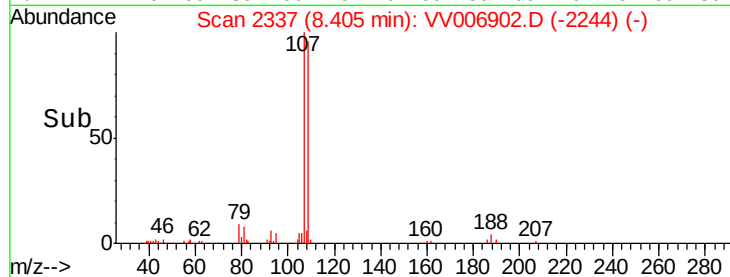
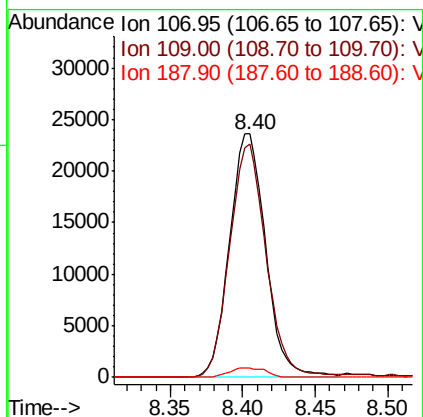
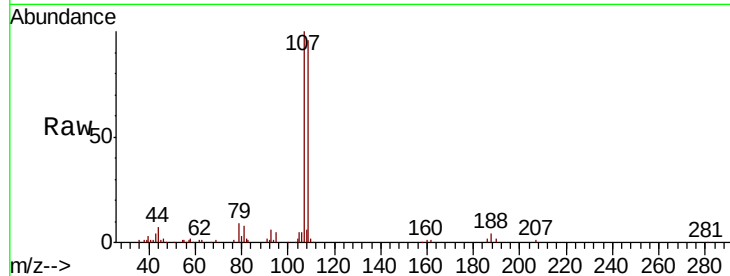




#50
 1,2-Dibromoethane
 Concen: 4.742 ug/L
 RT: 8.40 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

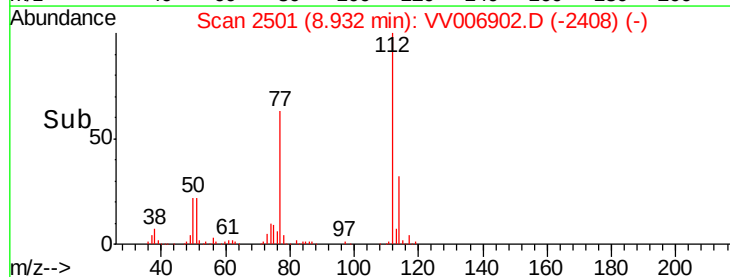
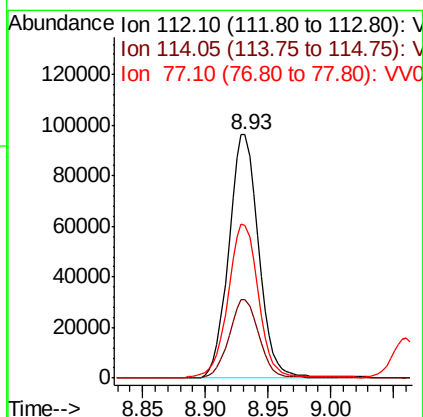
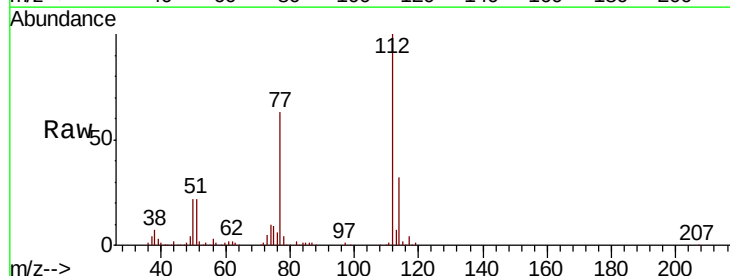
Instrument :
 MSVOA_V
 ClientSampleId :

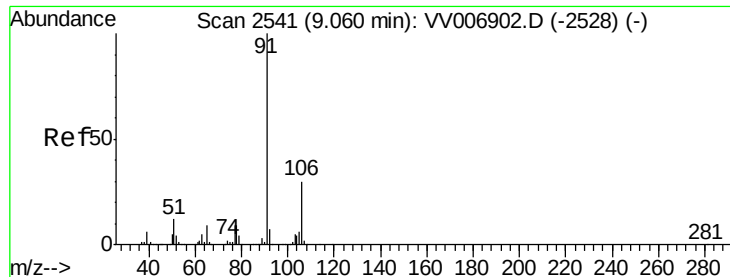
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	67.1	124.7
188	3.7	3.0	4.4



#51
 Chlorobenzene
 Concen: 4.725 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	63.0	50.4	75.6





#52

Ethylbenzene

Concen: 4.652 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

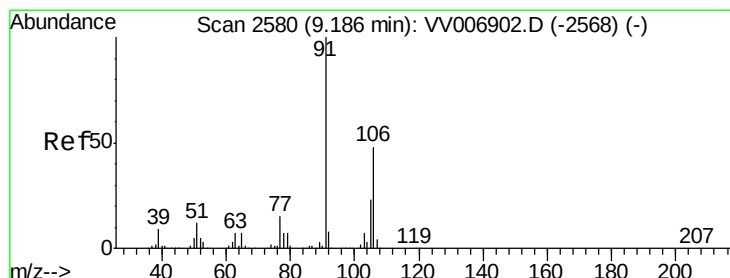
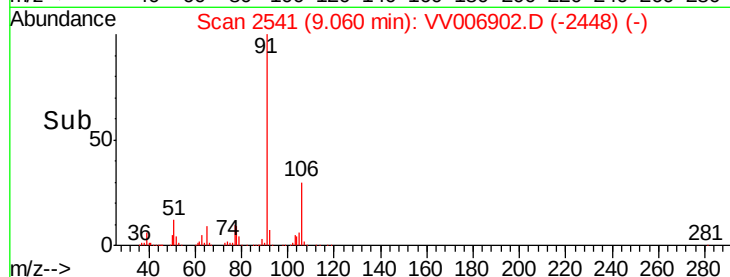
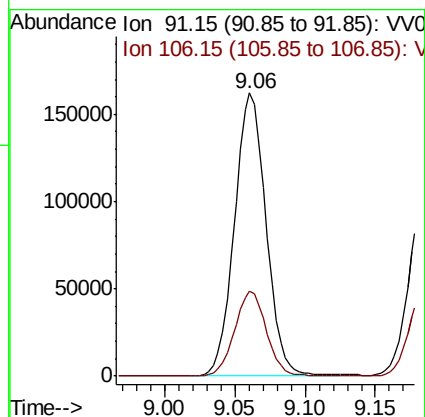
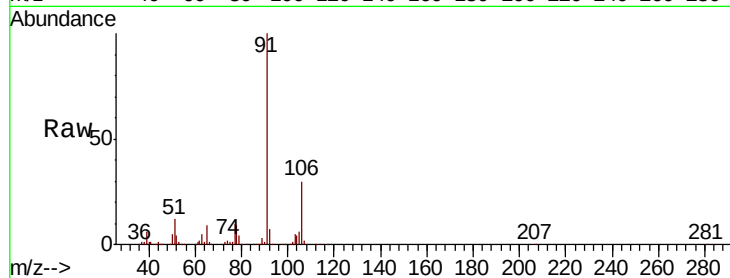
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 255052

Ion Ratio Lower Upper

91 100

106 30.0 21.0 39.0



#53

m,p-xylene

Concen: 4.545 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006902.D

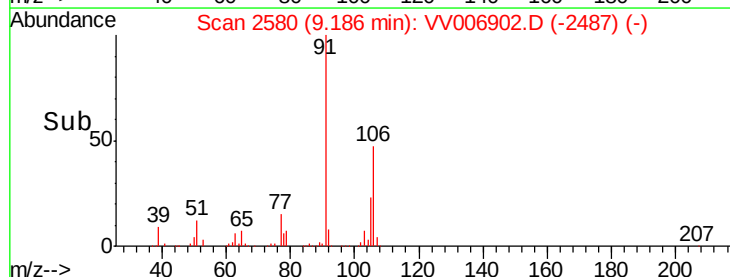
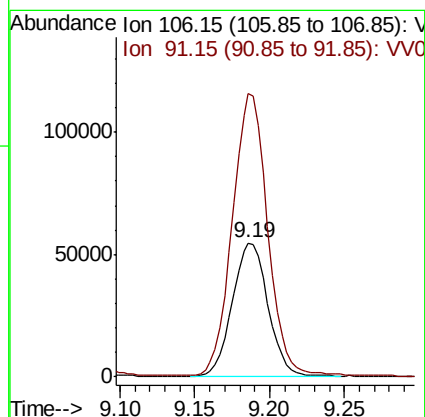
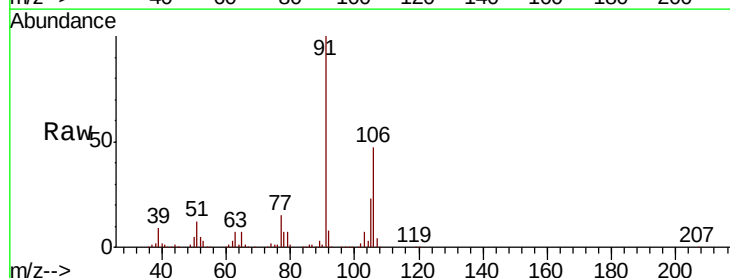
Acq: 07 Aug 2018 17:15

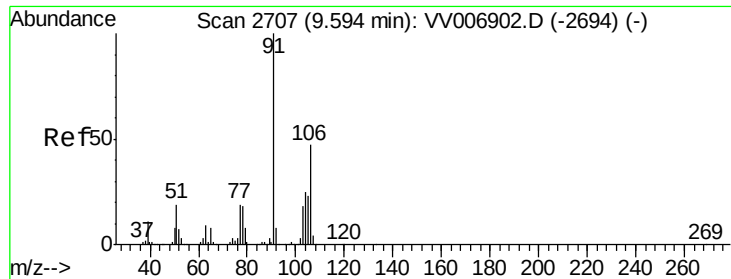
Tgt Ion:106 Resp: 91753

Ion Ratio Lower Upper

106 100

91 211.0 147.7 274.3





#54

o-xylene

Concen: 4.385 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

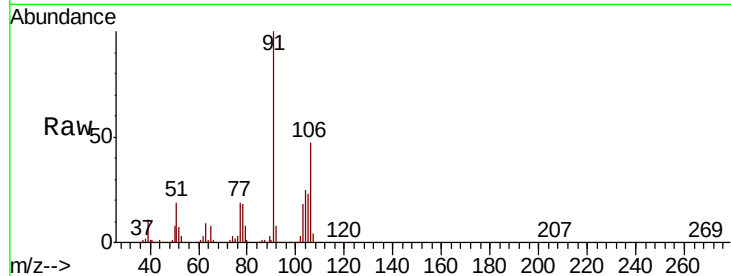
ClientSampled :

Tot Ion:106 Resp: 89426

Ion Ratio Lower Upper

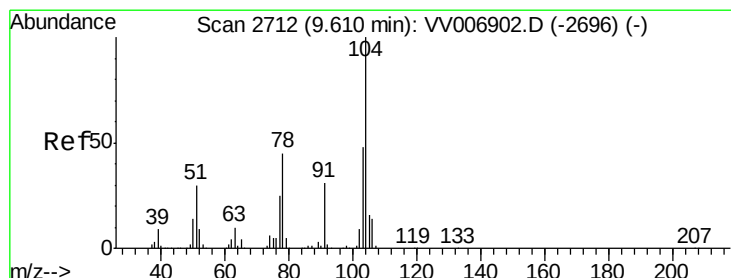
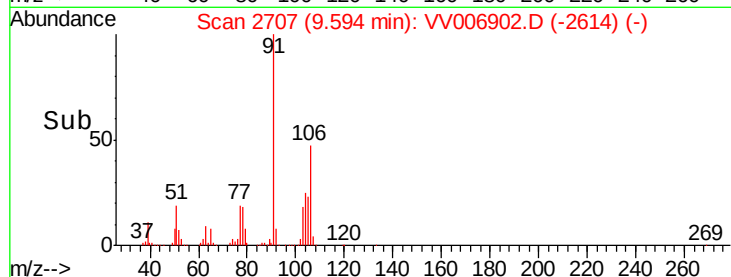
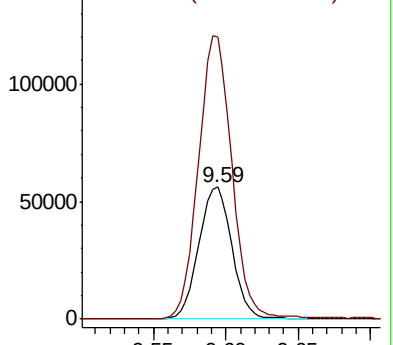
106 100

91 214.1 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 4.635 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006902.D

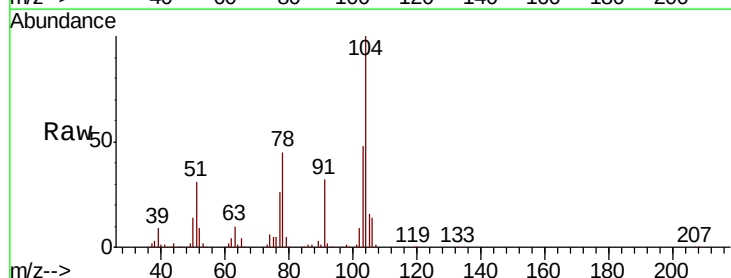
Acq: 07 Aug 2018 17:15

Tgt Ion:104 Resp: 149810

Ion Ratio Lower Upper

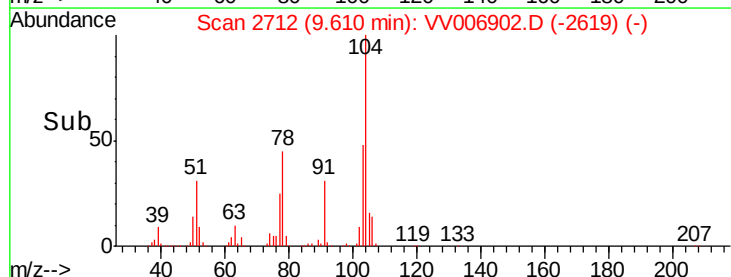
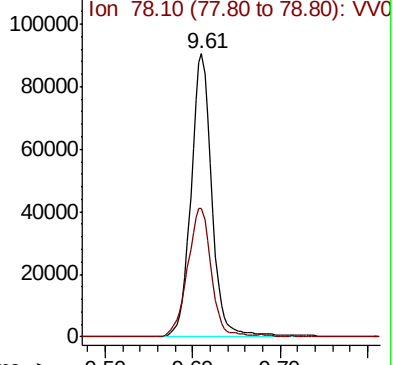
104 100

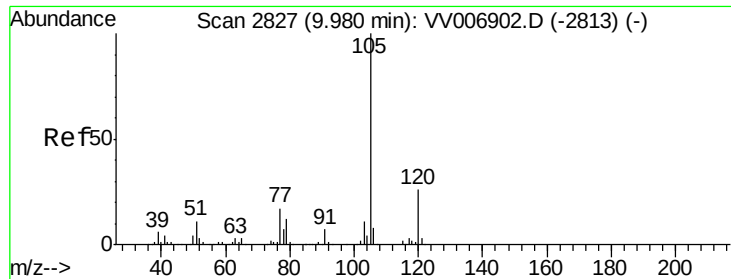
78 45.4 31.8 59.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 4.534 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

ClientSampleId :

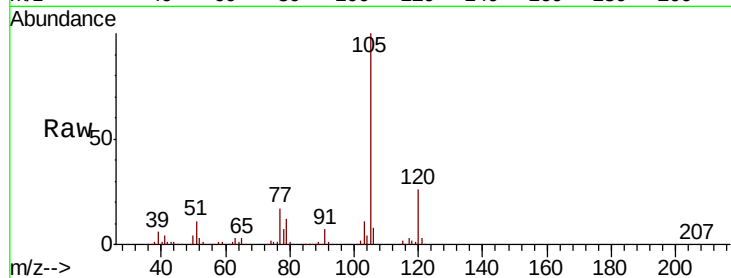
Tot Ion:105 Resp: 234925

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

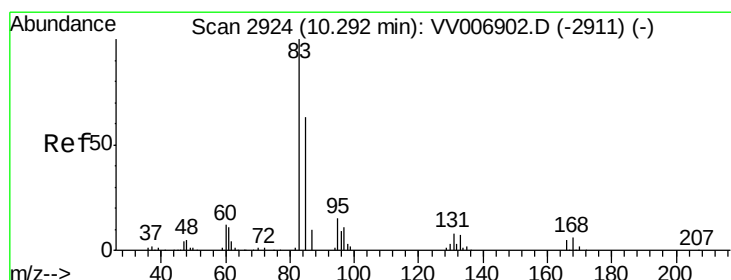
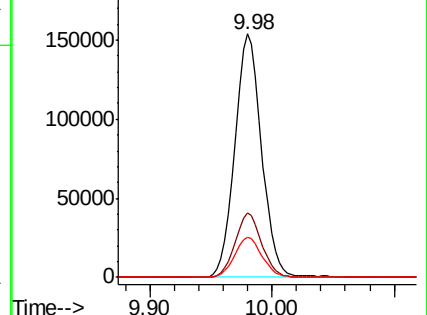
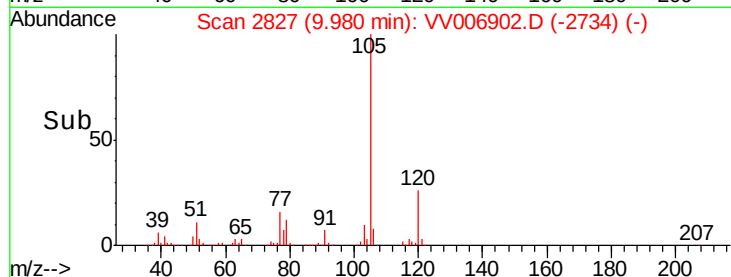
77 17.1 13.7 20.5



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: 5.068 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

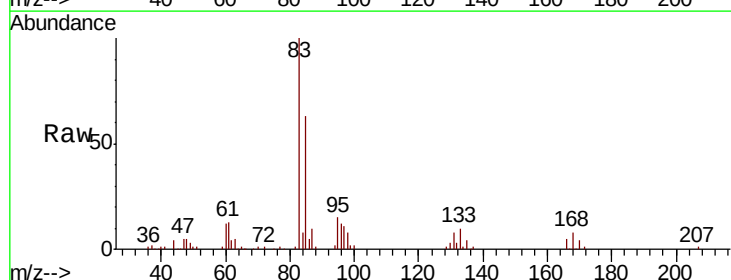
Tgt Ion: 83 Resp: 63360

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

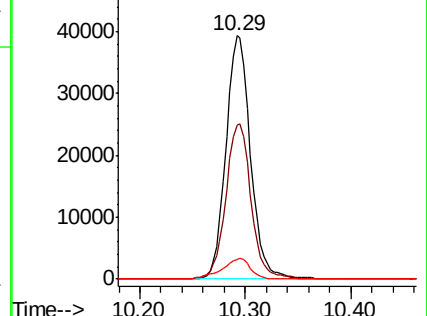
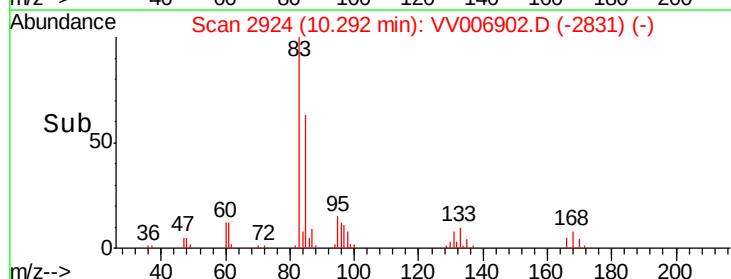
131 8.2 6.6 9.8

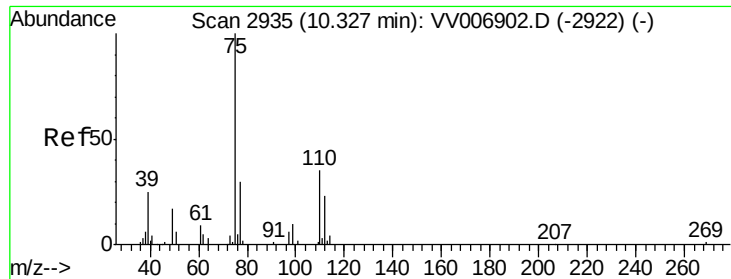


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.157 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

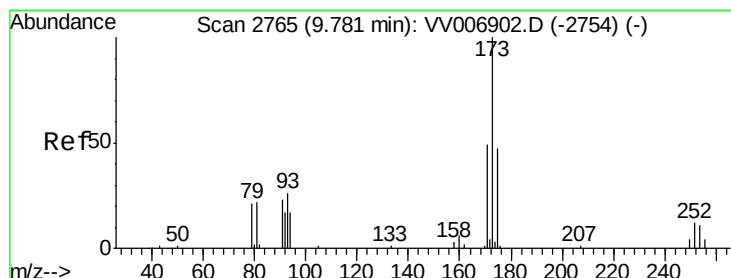
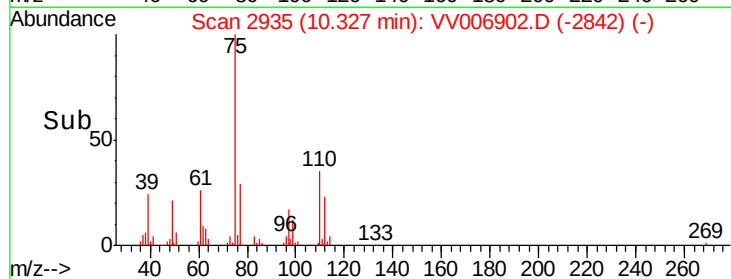
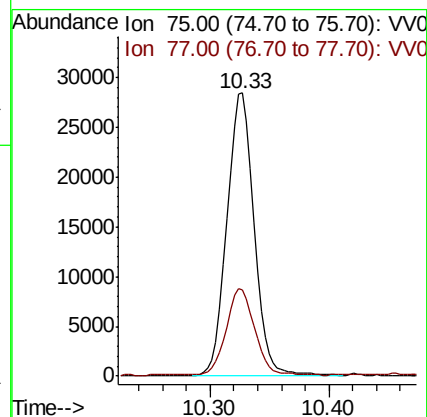
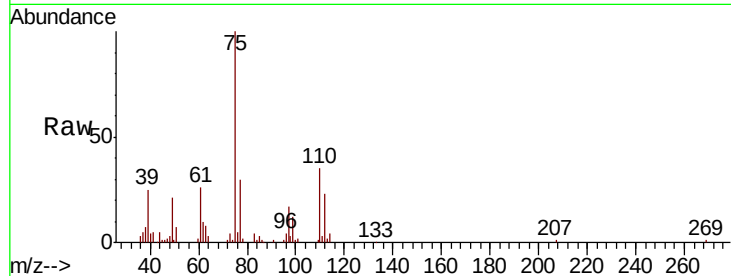
ClientSampleId :

Tot Ion: 75 Resp: 45317

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



#61

Bromoform

Concen: 5.396 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

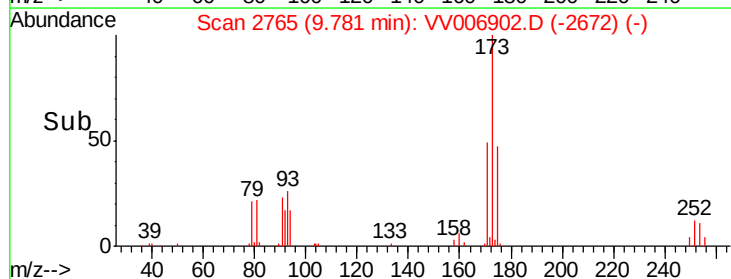
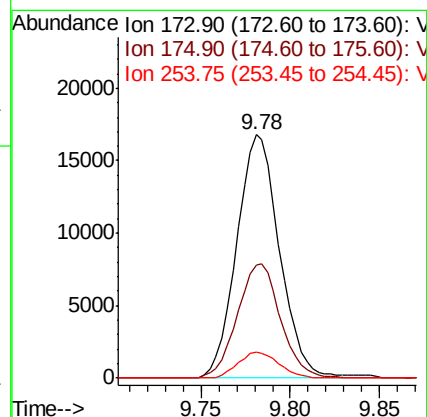
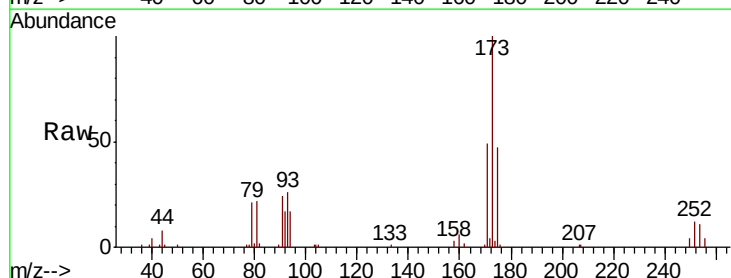
Tgt Ion: 173 Resp: 28031

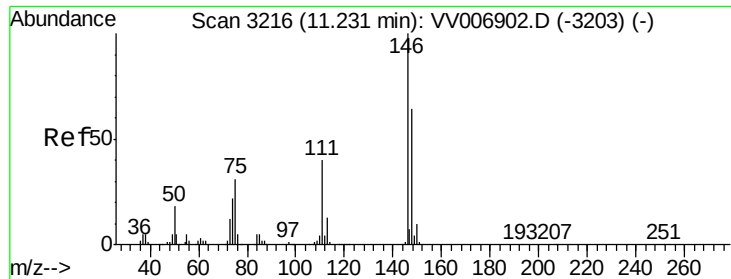
Ion Ratio Lower Upper

173 100

175 47.4 37.9 56.9

254 10.0 8.0 12.0





#62

1,3-Dichlorobenzene

Concen: 4.573 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VV006902.D

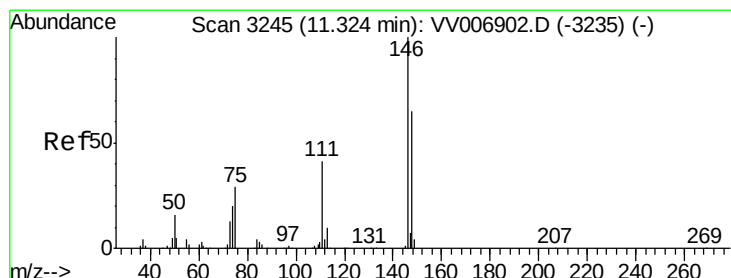
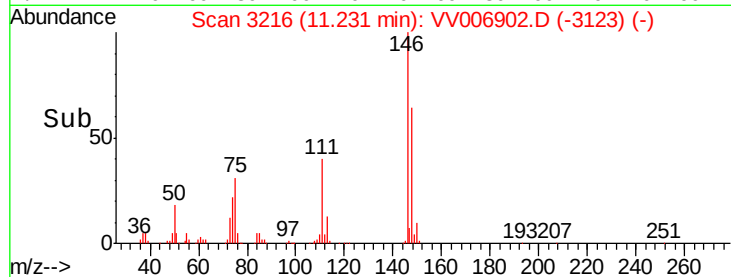
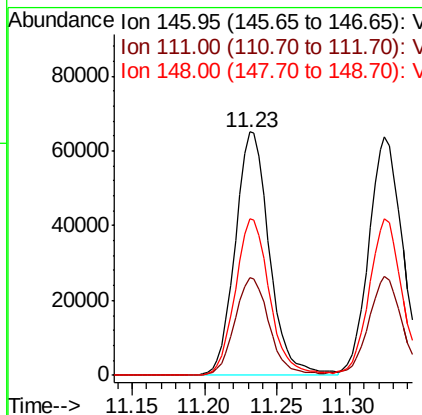
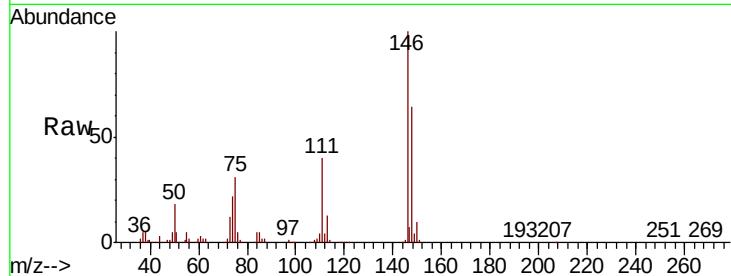
Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:146	Resp:	106578
Ion Ratio	Lower	Upper
146	100	
111	40.1	28.1 52.1
148	64.3	45.0 83.6



#63

1,4-Dichlorobenzene

Concen: 4.590 ug/L

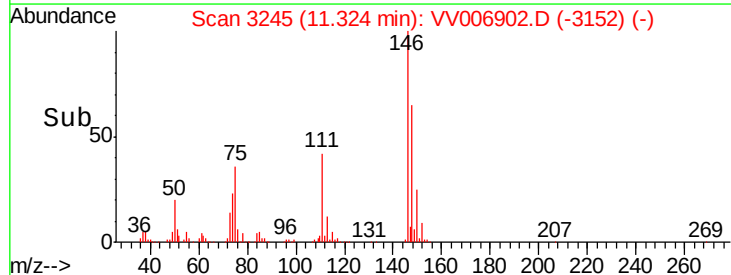
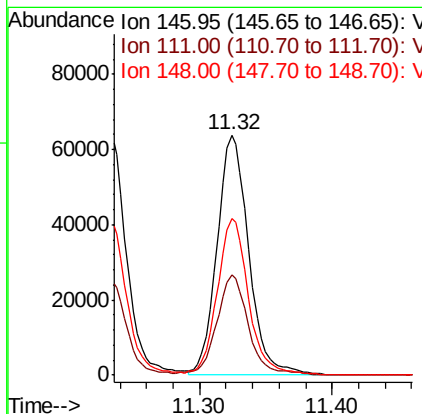
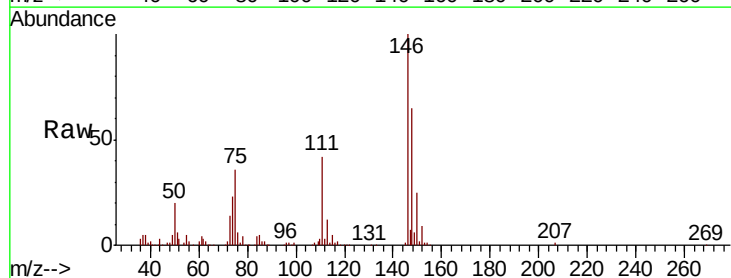
RT: 11.32 min Scan# 3245

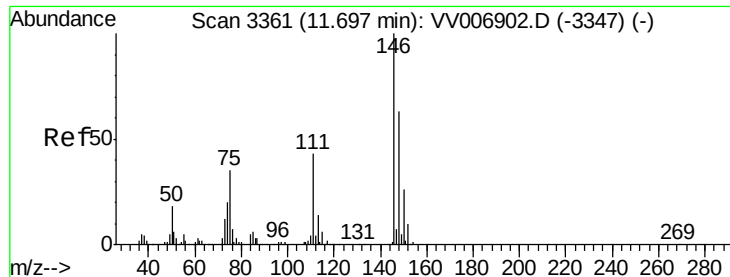
Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Tgt Ion:146	Resp:	105912
Ion Ratio	Lower	Upper
146	100	
111	41.5	29.0 53.9
148	65.3	45.7 84.9

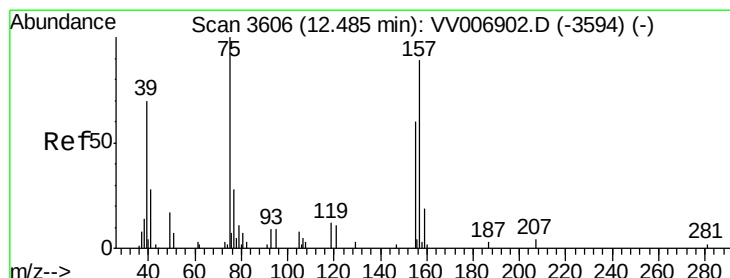
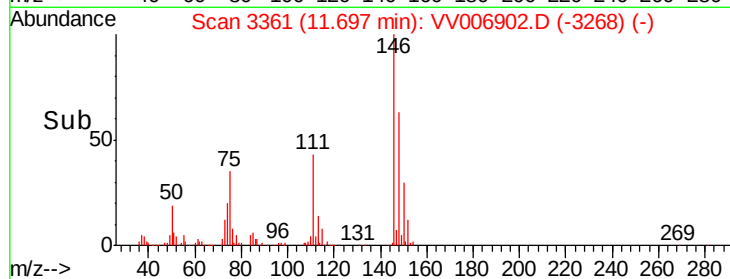
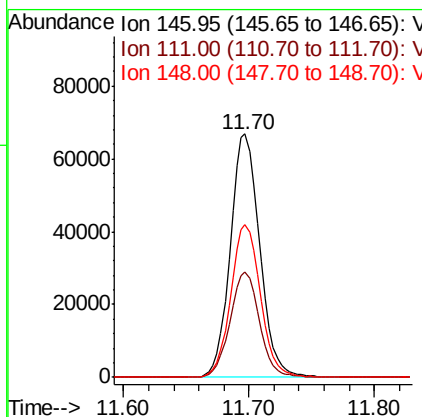
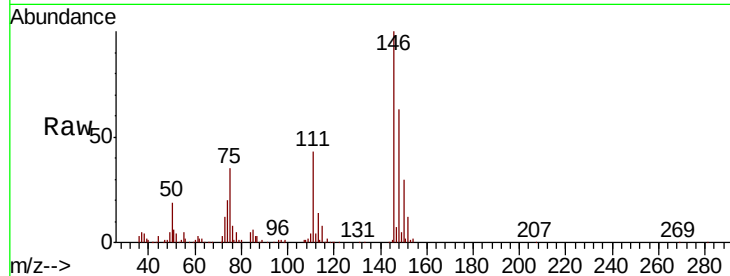




#65
 1,2-Dichlorobenzene
 Concen: 4.741 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

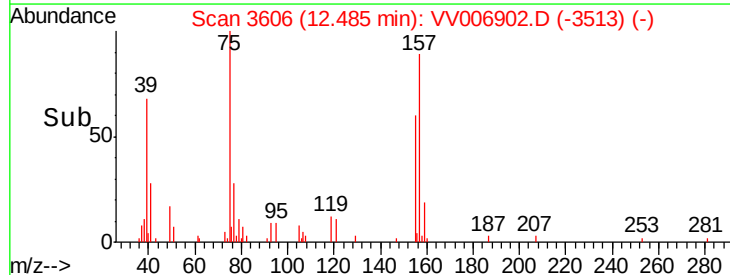
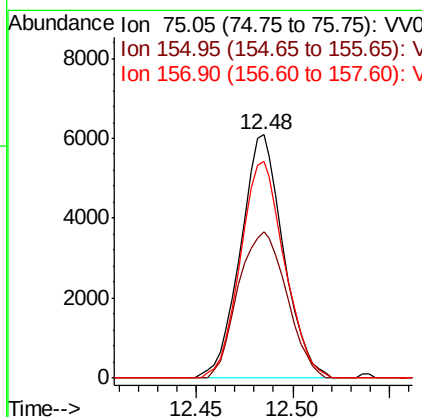
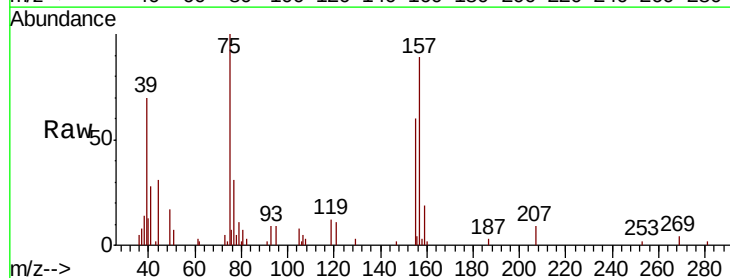
Instrument :
 MSVOA_V
 ClientSampleId :

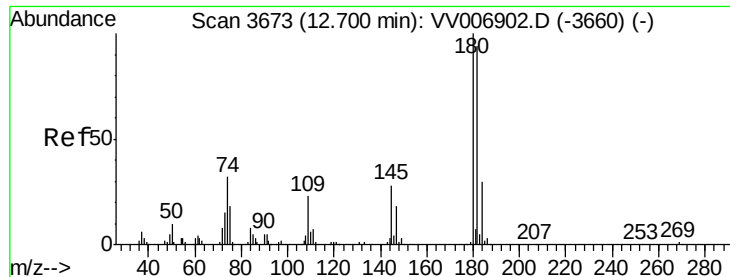
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	34.5	51.7
148	62.9	50.3	75.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.572 ug/L
 RT: 12.48 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.1	48.1	72.1
157	89.2	71.4	107.0

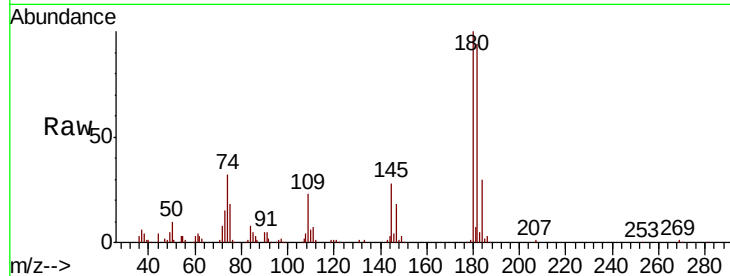




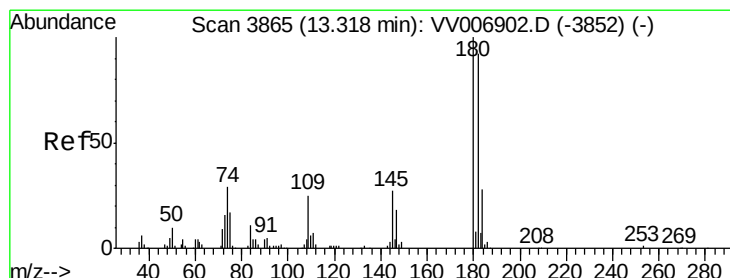
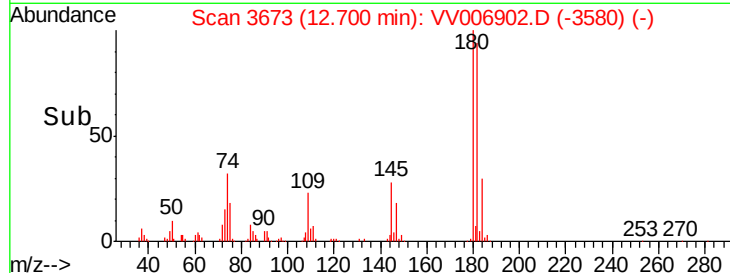
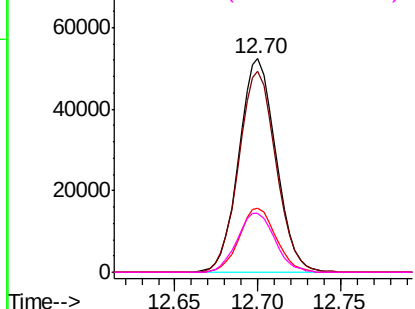
#67
 1,3,5-Trichlorobenzene
 Concen: 4.563 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	81524
Ion	Ratio	Lower Upper
180	100	
182	94.8	75.8 113.8
184	29.7	23.8 35.6
145	28.0	22.4 33.6

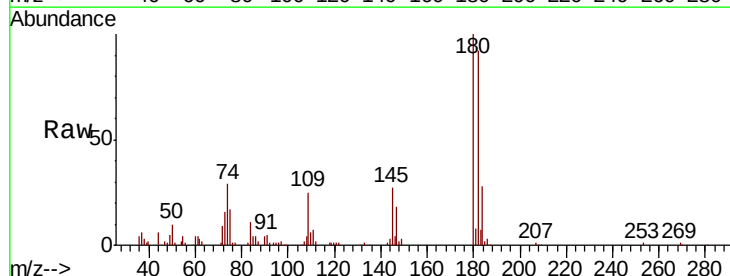


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

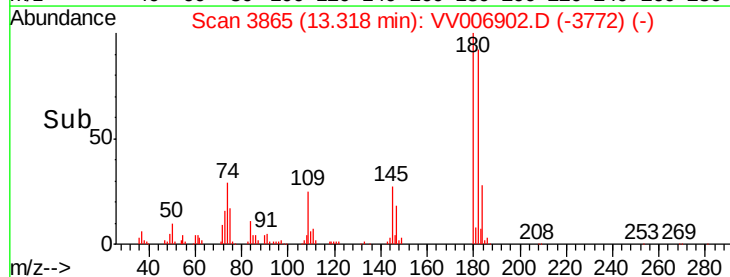
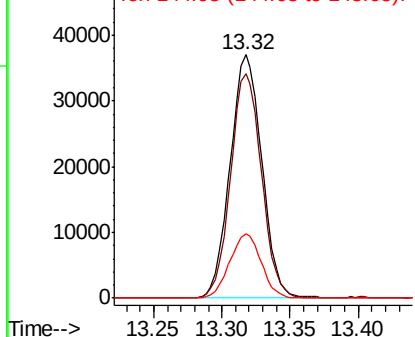


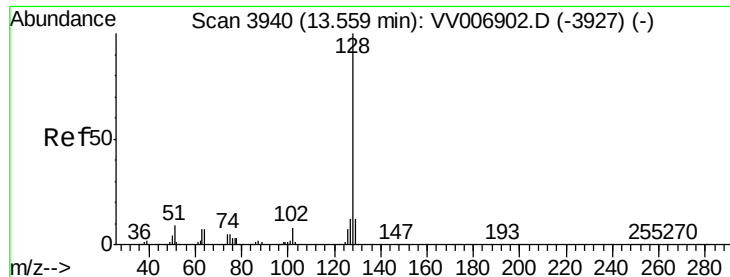
#68
 1,2,4-trichlorobenzene
 Concen: 4.339 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006902.D
 Acq: 07 Aug 2018 17:15

Tgt Ion:180	Resp:	59752
Ion	Ratio	Lower Upper
180	100	
182	89.8	71.8 107.8
145	26.3	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: 3.850 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

Instrument :

MSVOA_V

ClientSampleId :

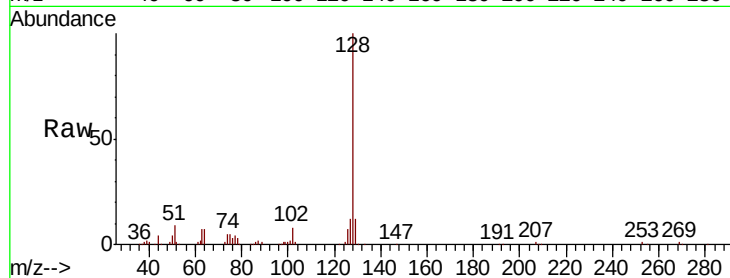
Tot Ion:128 Resp: 90347

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

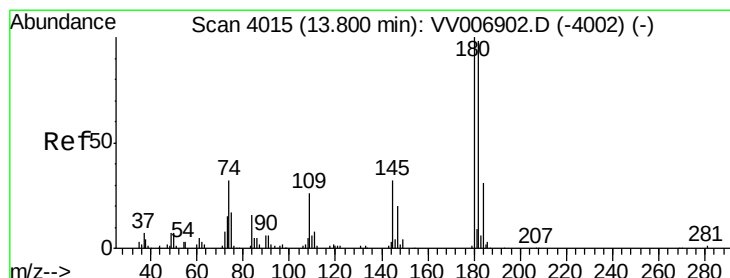
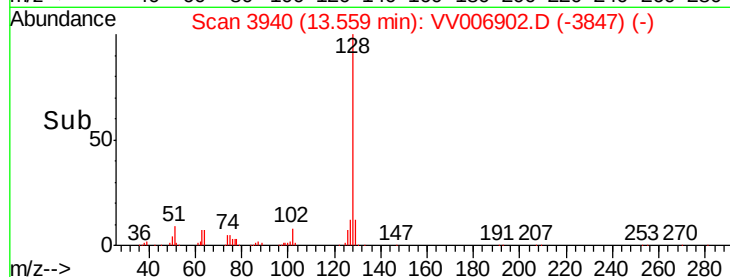
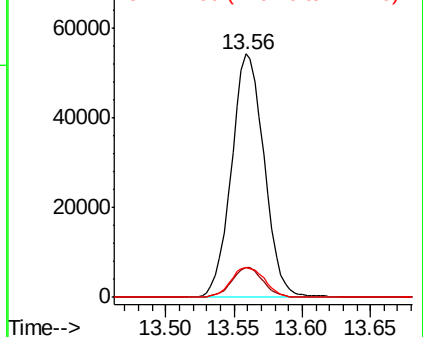
127 12.8 10.2 15.4



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: 4.315 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. 0.00 min

Lab File: VV006902.D

Acq: 07 Aug 2018 17:15

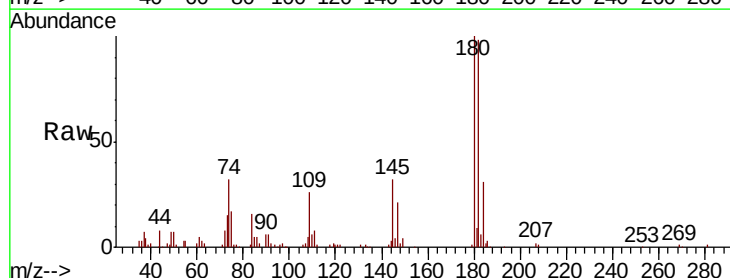
Tgt Ion:180 Resp: 57193

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 31.3 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

