

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025599.D
 Acq On : 9 Aug 2018 9:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 10 04:57:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	608969	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	547824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	248528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	157552	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	2.64	69	115424	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	3.65	63	383705	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	6.60	46	166331	53.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	7.21	84	302424	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.90	65	101296	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.86	84	665680	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	175832	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.97	98	668418	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	10.24	79	44039	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	10.59	63	170592	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87171	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	175655	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	169926	4.874 ug/L	96
3) Chloromethane	2.02	50	222812	4.839 ug/L	95
5) Vinyl chloride	2.16	62	207717	4.514 ug/L	98
6) Bromomethane	2.53	94	93898	3.711 ug/L	92
8) Chloroethane	2.67	64	105233	4.118 ug/L	84
9) Trichlorofluoromethane	2.98	101	323977	5.154 ug/L #	9
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	202443	4.984 ug/L	96
12) 1,1-Dichloroethene	3.66	96	224184	5.154 ug/L	85
13) Acetone	3.71	43	147863	56.403 ug/L	98
14) Carbon disulfide	3.97	76	454999	4.516 ug/L	100
15) Methyl Acetate	4.21	43	38560	4.658 ug/L	97
16) Methylene chloride	4.42	84	102571	2.792 ug/L	99
17) Methyl tert-butyl Ether	4.91	73	219514	5.027 ug/L	98
18) trans-1,2-Dichloroethene	4.89	96	210213	5.046 ug/L	98
19) 1,1-Dichloroethane	5.70	63	299027	4.906 ug/L	97
21) 2-Butanone	6.70	43	210859	57.894 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	198982	5.230 ug/L #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025599.D
 Acq On : 9 Aug 2018 9:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 10 04:57:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

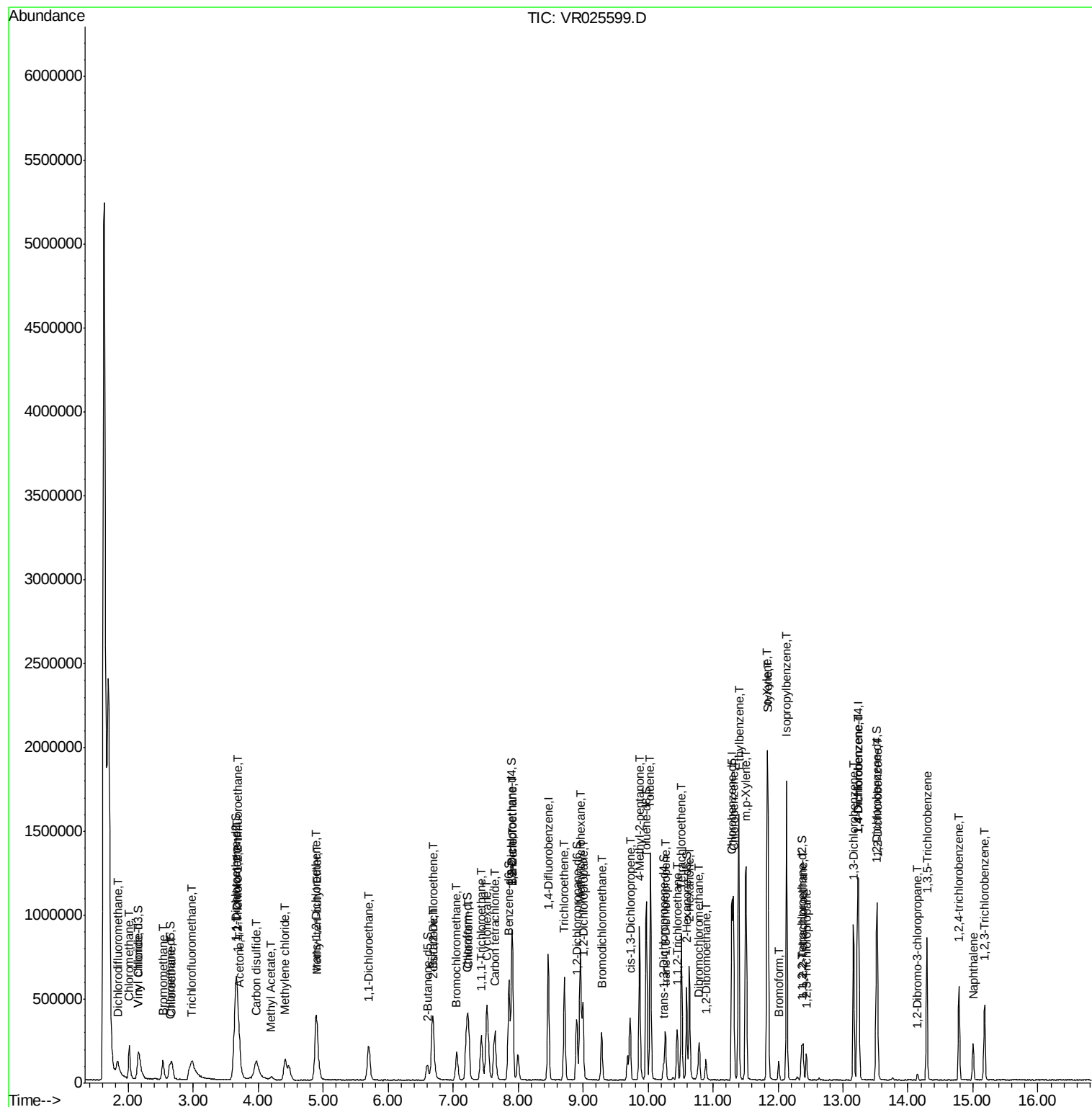
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.06	128	67524	5.350	ug/L	94
25) Chloroform	7.24	83	299729	4.967	ug/L	96
27) 1,2-Dichloroethane	7.91	62	5570	0.232	ug/L	96
29) 1,1,1-Trichloroethane	7.44	97	216235	4.457	ug/L	98
30) Cyclohexane	7.52	56	270132	4.833	ug/L	97
31) Carbon tetrachloride	7.64	117	230162	4.596	ug/L	98
33) Benzene	7.91	78	822291	4.859	ug/L	100
34) Trichloroethene	8.71	95	195269	4.639	ug/L	95
35) Methylcyclohexane	8.96	83	326719	5.162	ug/L	97
37) 1,2-Dichloropropane	9.00	63	175102	4.915	ug/L	100
38) Bromodichloromethane	9.29	83	174001	4.781	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	194429	4.943	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	566907	56.471	ug/L	99
42) Toluene	10.03	91	934501	5.185	ug/L	96
44) trans-1,3-Dichloropropene	10.27	75	137981	5.025	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	88820	5.006	ug/L	98
47) Tetrachloroethene	10.52	164	187346	5.202	ug/L	96
48) 2-Hexanone	10.64	43	382652	56.521	ug/L	97
49) Dibromochloromethane	10.79	129	108015	5.161	ug/L	98
50) 1,2-Dibromoethane	10.89	107	76035	5.137	ug/L	89
51) Chlorobenzene	11.32	112	551935	5.064	ug/L	98
52) Ethylbenzene	11.40	91	1021255	5.211	ug/L	99
53) m,p-Xylene	11.51	106	410959	5.420	ug/L	97
54) o-Xylene	11.83	106	367167	5.275	ug/L	94
55) Styrene	11.85	104	622678	5.615	ug/L	99
56) Isopropylbenzene	12.13	105	995184	5.435	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	88525	5.265	ug/L	95
59) 1,2,3-Trichloropropane	12.44	75	58508	5.209	ug/L	99
61) Bromoform	12.01	173	48244	4.873	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	359474	5.002	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	412137	5.283	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	310854	5.035	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	7577	3.966	ug/L #	67
67) 1,3,5-Trichlorobenzene	14.29	180	255236	5.225	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	159805	5.091	ug/L	98
69) Naphthalene	15.00	128	165304	4.610	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	142774	5.914	ug/L	98

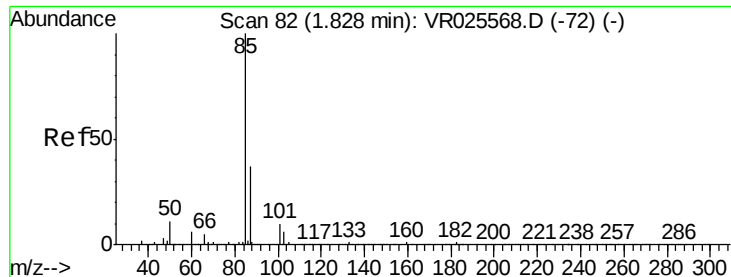
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
Data File : VR025599.D
Acq On : 9 Aug 2018 9:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Aug 10 04:57:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.874 ug/L

RT: 1.84 min Scan# 84

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

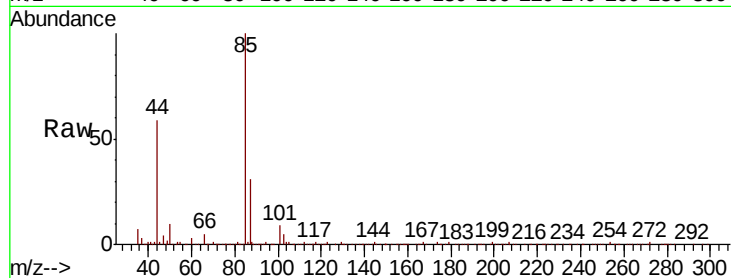
ClientSampleId :

Tgt Ion: 85 Resp: 169926

Ion Ratio Lower Upper

85 100

87 33.2 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VR0

Ion 87.00 (86.70 to 87.70): VR0

1.84

40000

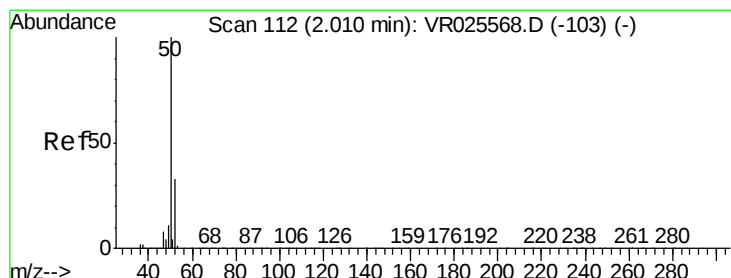
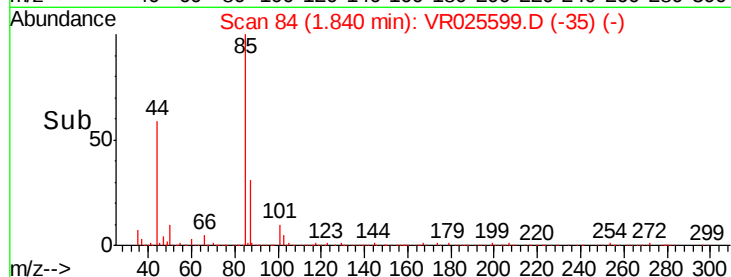
30000

20000

10000

0

Time--> 1.70 1.80 1.90 2.00



#3

Chloromethane

Concen: 4.839 ug/L

RT: 2.02 min Scan# 113

Delta R.T. -0.00 min

Lab File: VR025599.D

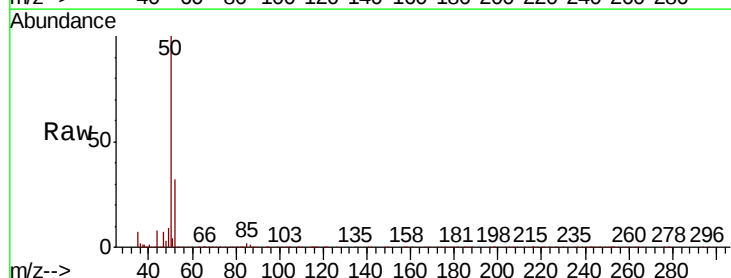
Acq: 9 Aug 2018 9:18

Tgt Ion: 50 Resp: 222812

Ion Ratio Lower Upper

50 100

52 31.8 24.4 45.4



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0

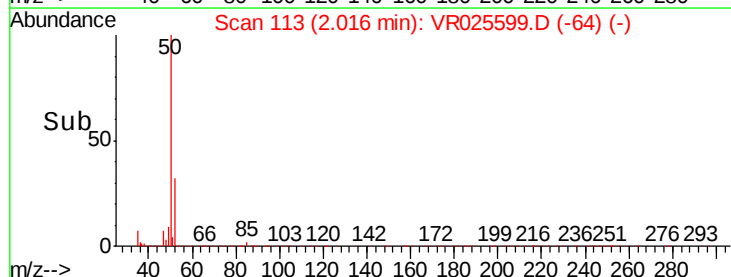
2.02

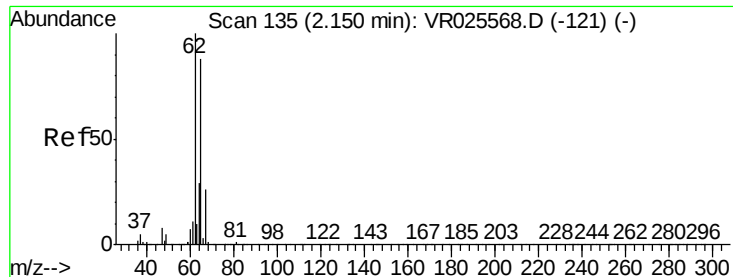
100000

50000

0

Time--> 1.90 2.00 2.10





#5

Vinyl chloride

Concen: 4.514 ug/L

RT: 2.16 min Scan# 137

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

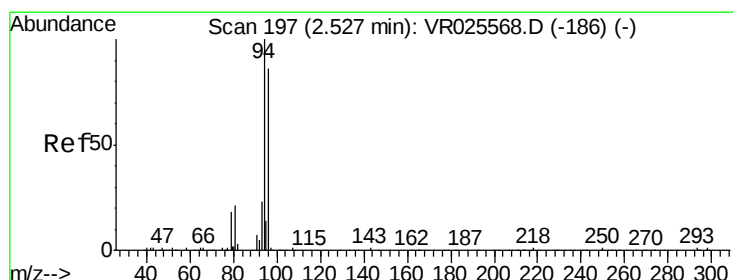
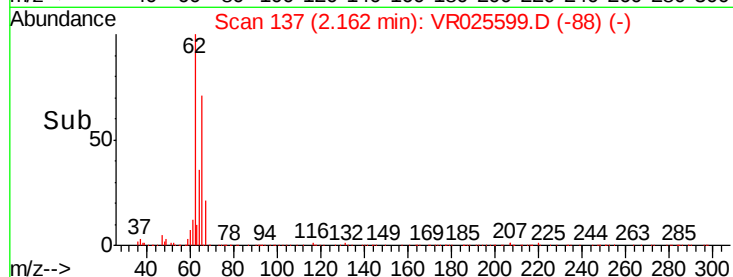
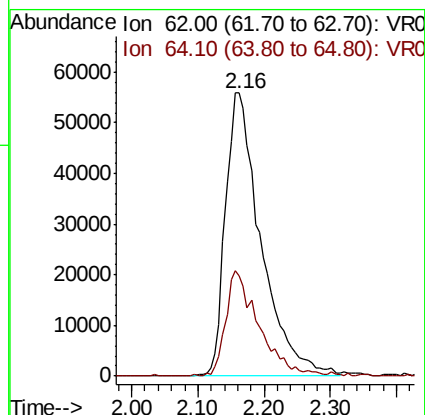
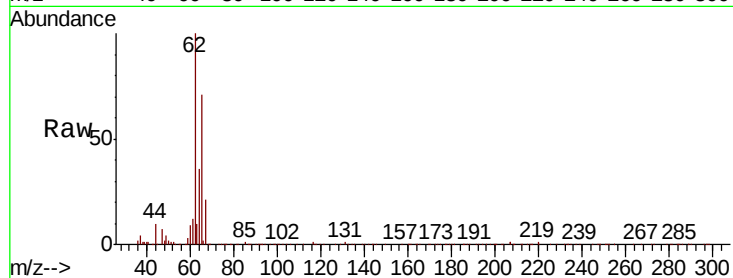
ClientSampleId :

Tgt Ion: 62 Resp: 207717

Ion Ratio Lower Upper

62 100

64 35.5 24.1 44.8



#6

Bromomethane

Concen: 3.711 ug/L

RT: 2.53 min Scan# 198

Delta R.T. -0.00 min

Lab File: VR025599.D

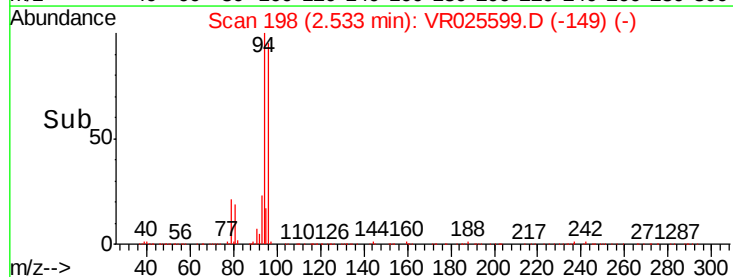
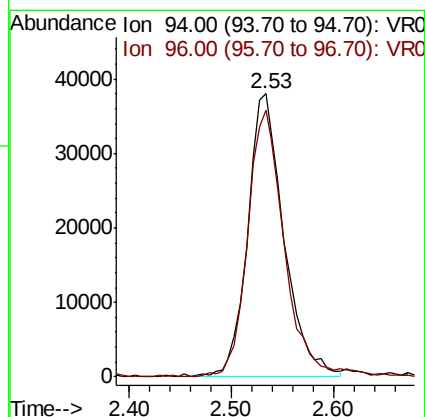
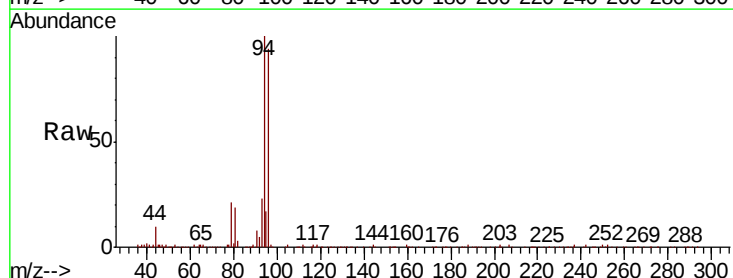
Acq: 9 Aug 2018 9:18

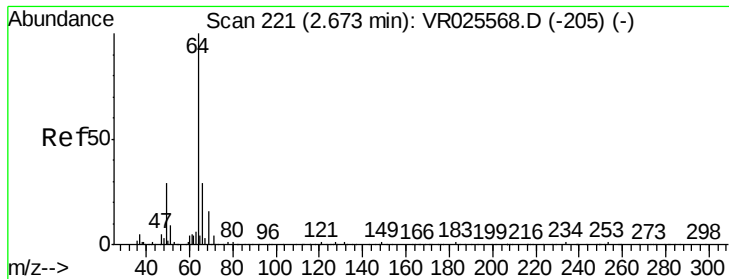
Tgt Ion: 94 Resp: 93898

Ion Ratio Lower Upper

94 100

96 94.4 72.0 133.6

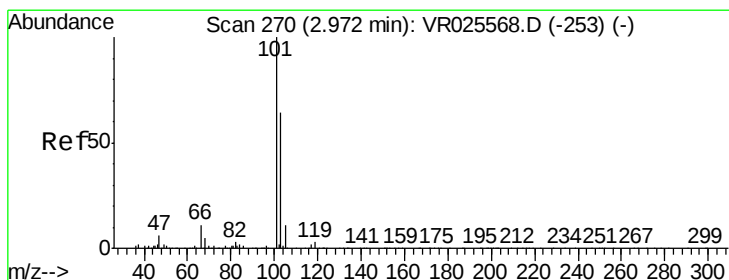
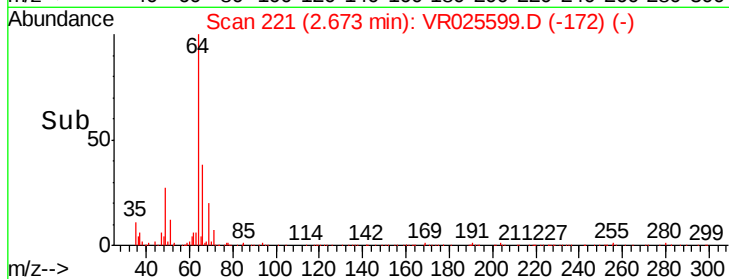
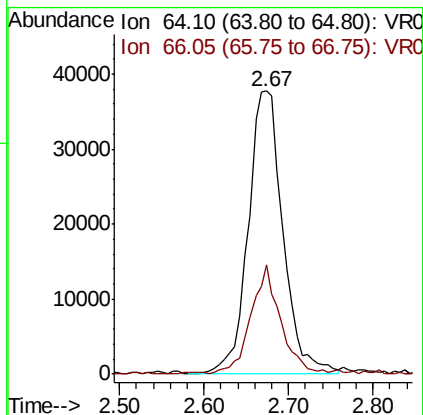
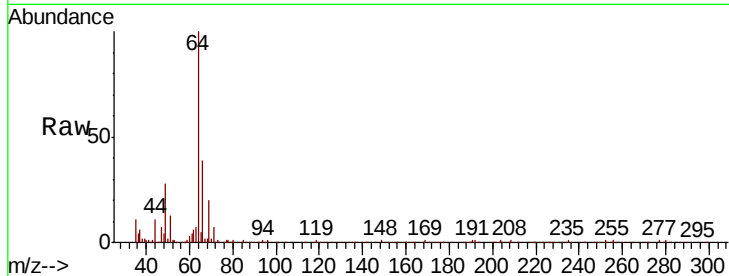




#8
Chloroethane
Concen: 4.118 ug/L
RT: 2.67 min Scan# 221
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

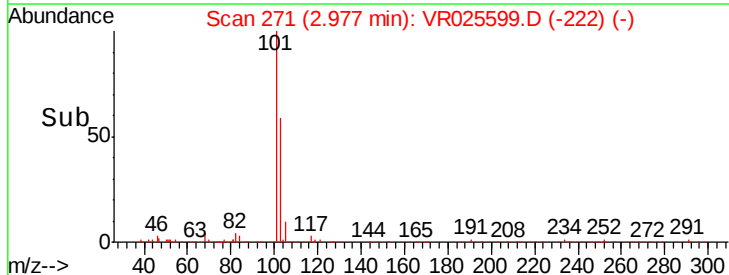
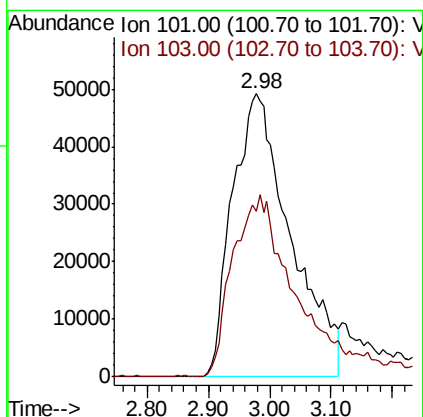
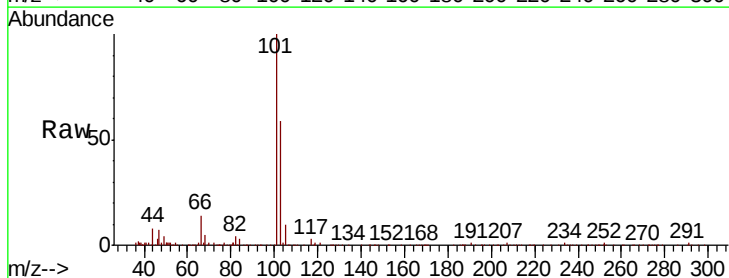
Instrument :
MSVOA_R
ClientSampleId :

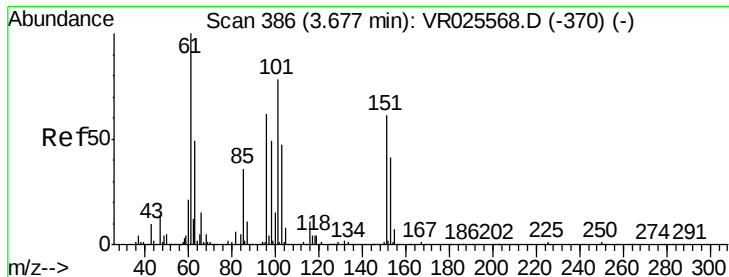
Tgt Ion: 64 Resp: 105233
Ion Ratio Lower Upper
64 100
66 38.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.154 ug/L
RT: 2.98 min Scan# 271
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion: 101 Resp: 323977
Ion Ratio Lower Upper
101 100
103 70.3 19.8 29.6#





#10

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

Concen: 4.984 ug/L

RT: 3.69 min Scan# 388

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

ClientSampleId :

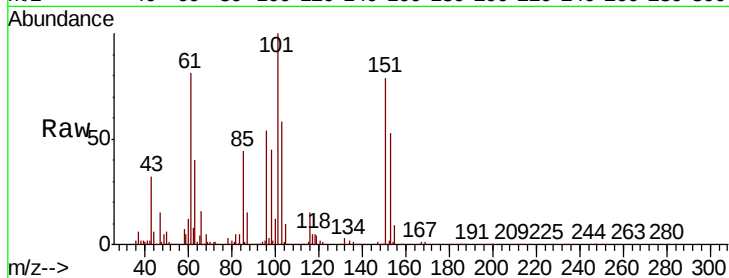
Tgt Ion: 101 Resp: 202443

Ion Ratio Lower Upper

101 100

85 44.6 37.4 56.0

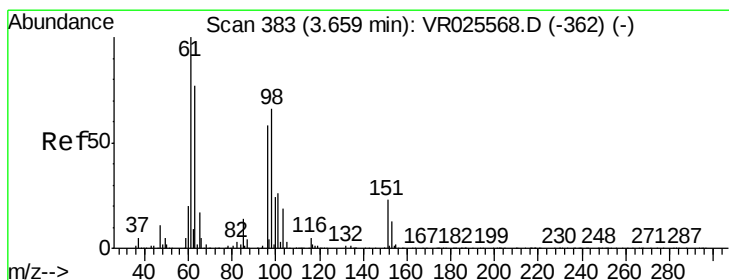
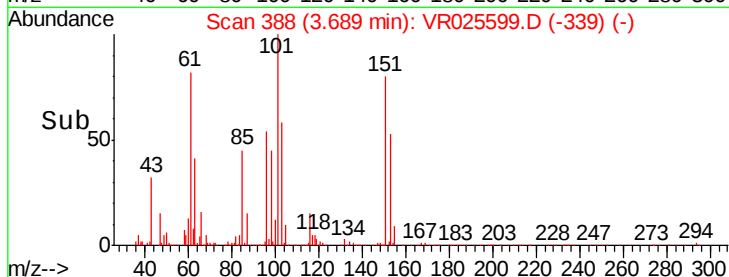
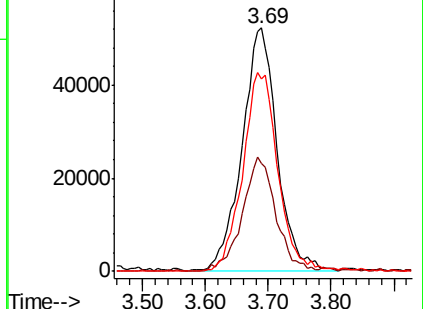
151 81.6 61.9 92.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VR0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.154 ug/L

RT: 3.66 min Scan# 383

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

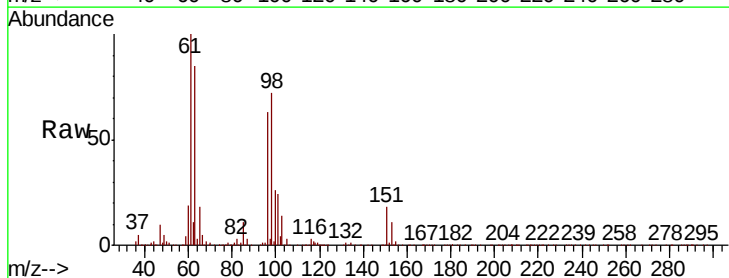
Tgt Ion: 96 Resp: 224184

Ion Ratio Lower Upper

96 100

61 157.5 124.3 230.8

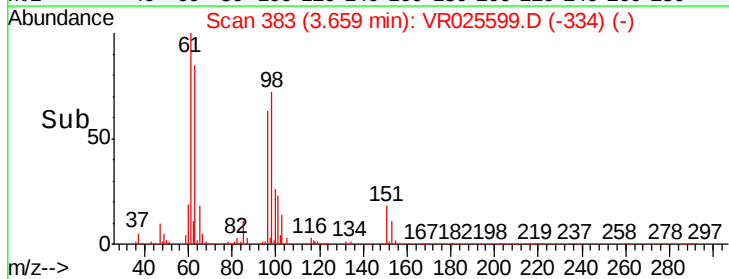
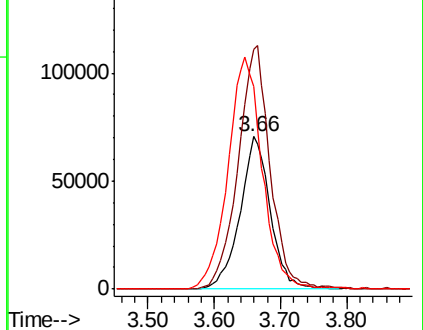
63 133.3 108.1 200.7

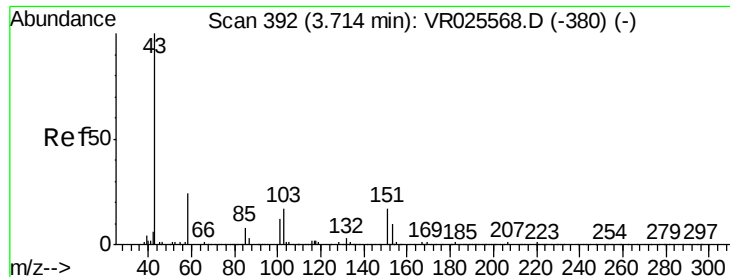


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0





#13

Acetone

Concen: 56.403 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

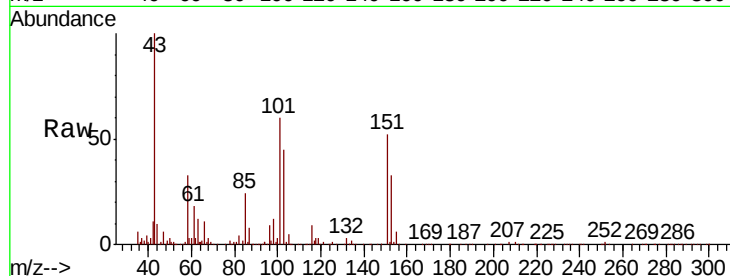
Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 43 Resp: 147863

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.71

40000

30000

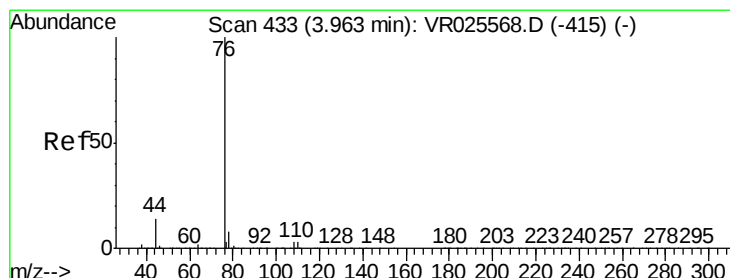
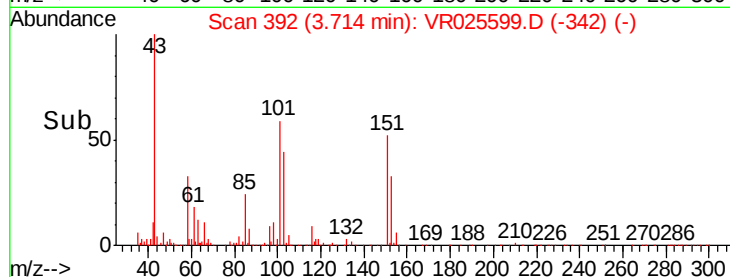
20000

10000

0

3.60 3.70 3.80 3.90

Time-->



#14

Carbon disulfide

Concen: 4.516 ug/L

RT: 3.97 min Scan# 434

Delta R.T. 0.01 min

Lab File: VR025599.D

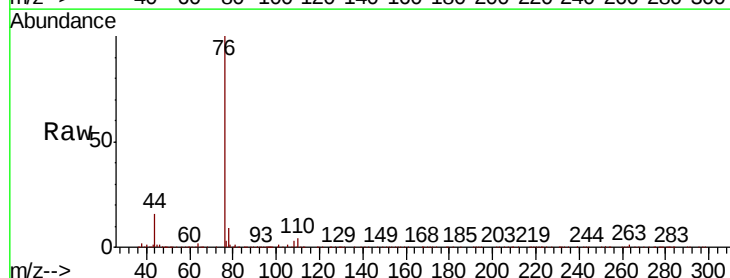
Acq: 9 Aug 2018 9:18

Tgt Ion: 76 Resp: 454999

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

3.97

80000

60000

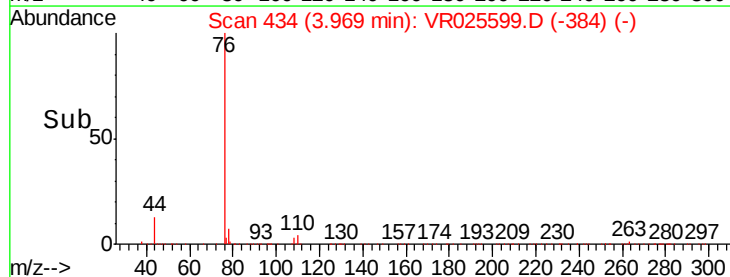
40000

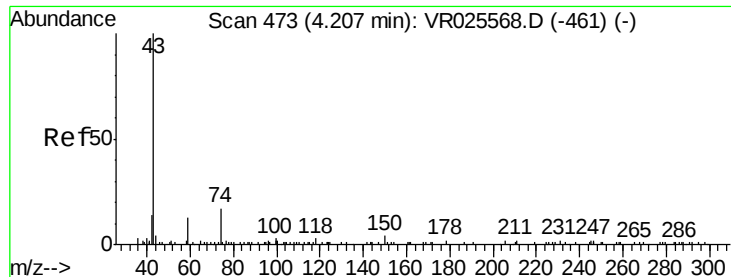
20000

0

3.80 4.00 4.20

Time-->

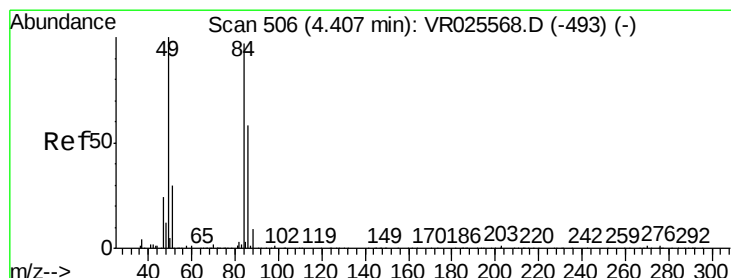
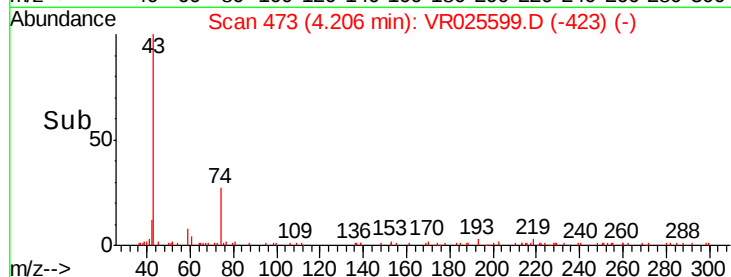
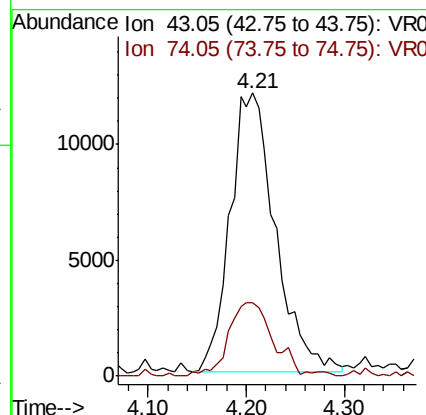
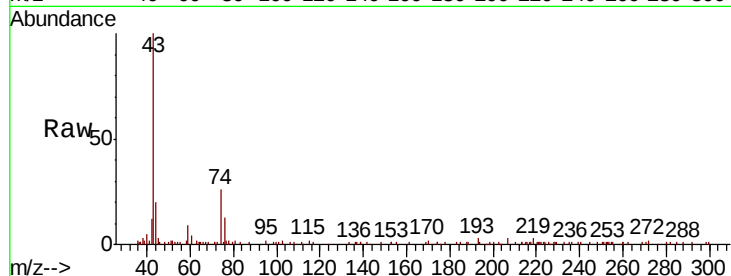




#15
Methyl Acetate
Concen: 4.658 ug/L
RT: 4.21 min Scan# 473
Delta R.T. 0.01 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

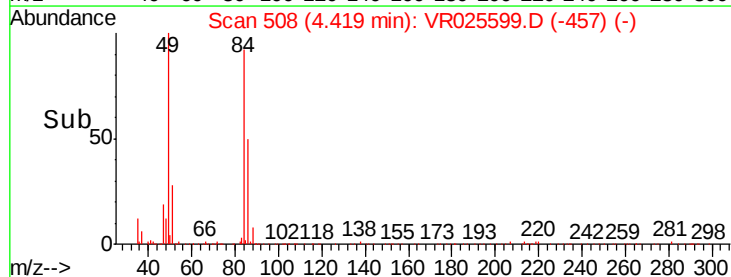
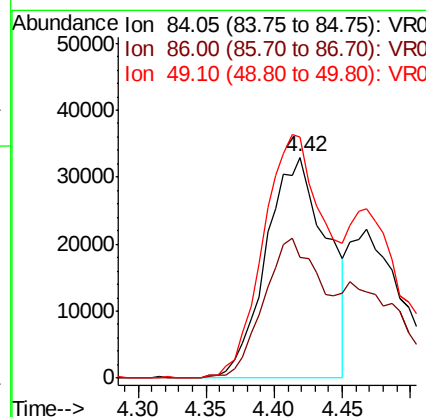
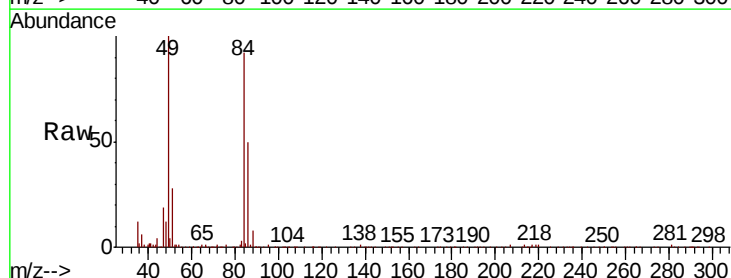
Instrument :
MSVOA_R
ClientSampleId :

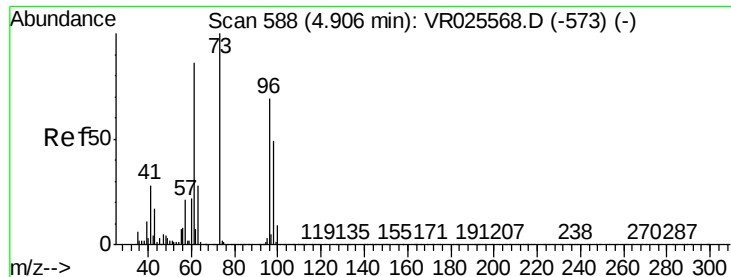
Tgt Ion: 43 Resp: 38560
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6



#16
Methylene chloride
Concen: 2.792 ug/L
RT: 4.42 min Scan# 508
Delta R.T. 0.01 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion: 84 Resp: 102571
Ion Ratio Lower Upper
84 100
86 55.0 40.4 75.0
49 109.0 76.2 141.4





#17

Methyl tert-butyl Ether

Concen: 5.027 ug/L

RT: 4.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

ClientSampleId :

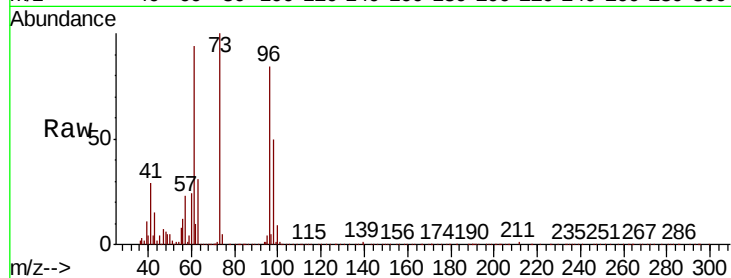
Tgt Ion: 73 Resp: 219514

Ion Ratio Lower Upper

73 100

43 15.7 14.2 21.4

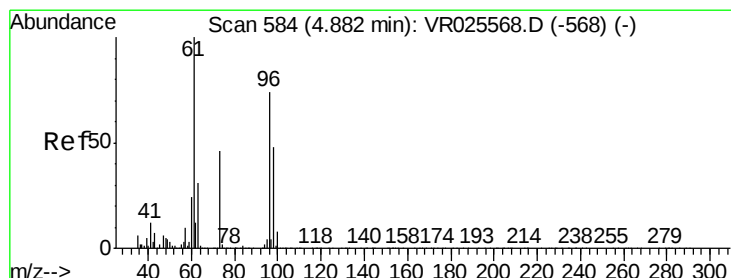
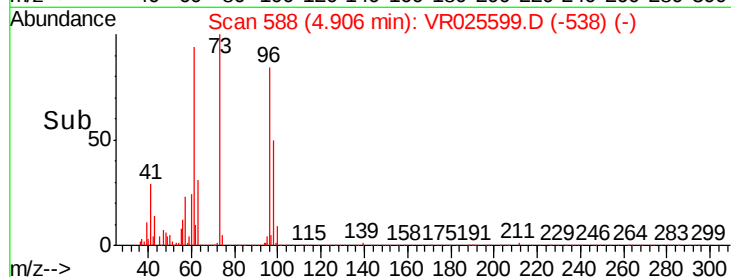
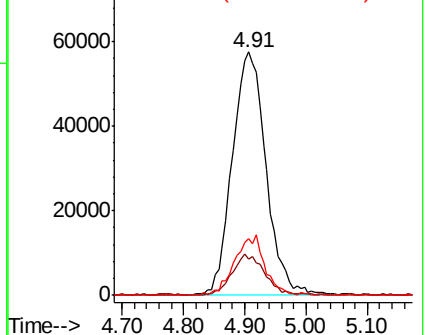
57 21.9 17.6 26.4



Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0



#18

trans-1,2-Dichloroethene

Concen: 5.046 ug/L

RT: 4.89 min Scan# 585

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

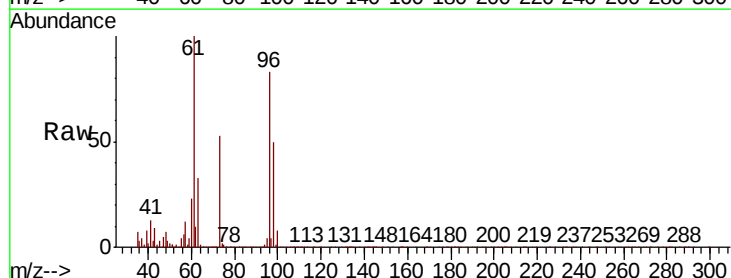
Tgt Ion: 96 Resp: 210213

Ion Ratio Lower Upper

96 100

61 119.8 85.5 158.9

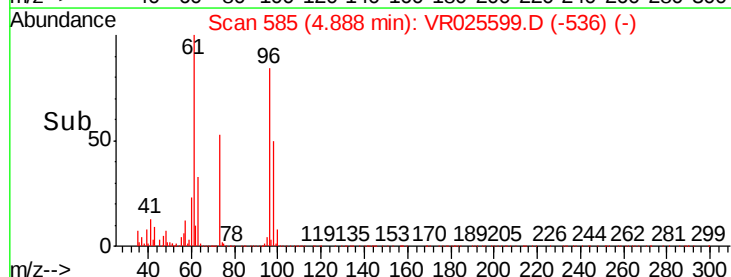
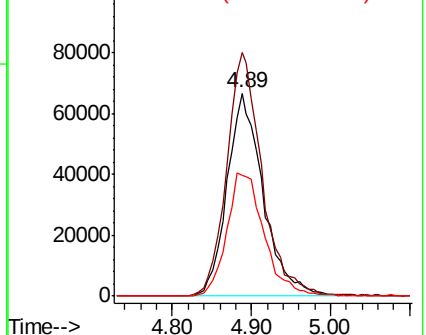
98 59.3 42.1 78.1

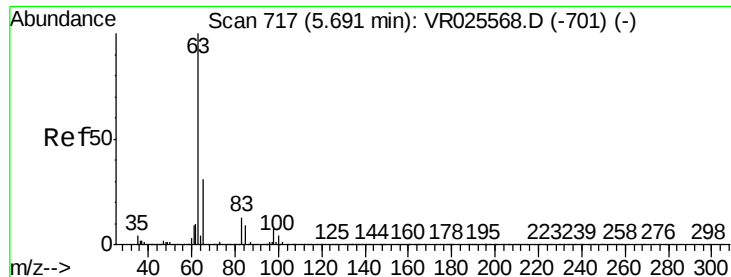


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

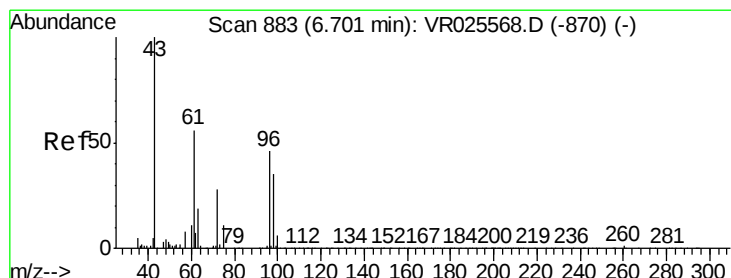
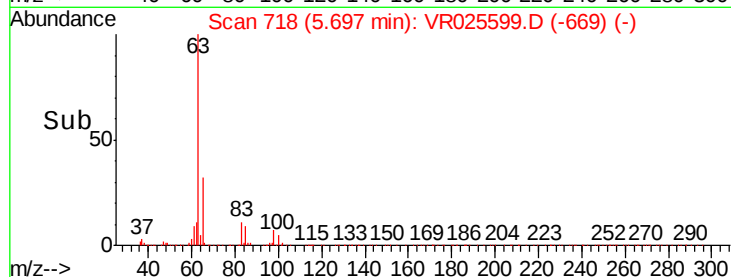
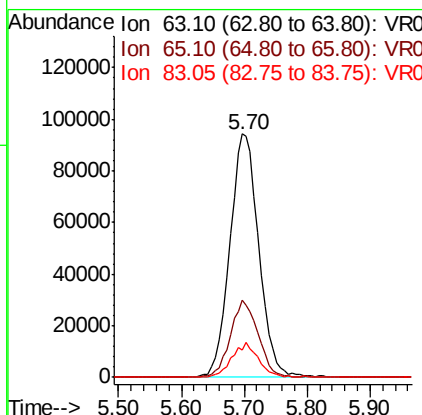
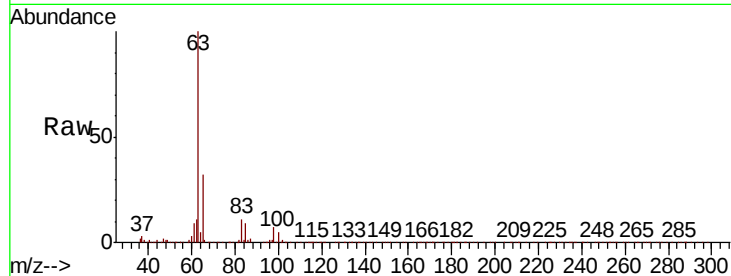




#19
 1,1-Dichloroethane
 Concen: 4.906 ug/L
 RT: 5.70 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

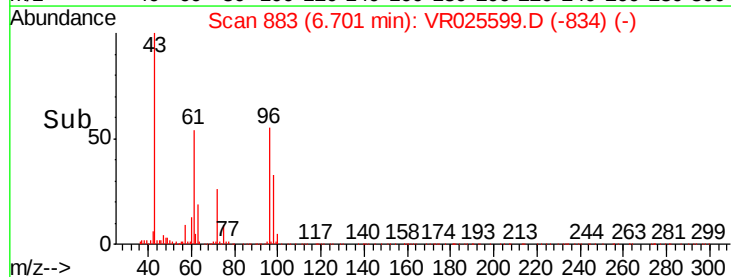
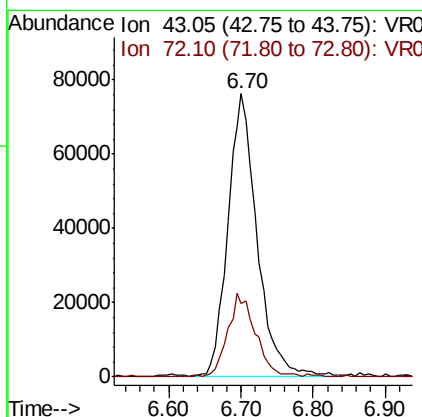
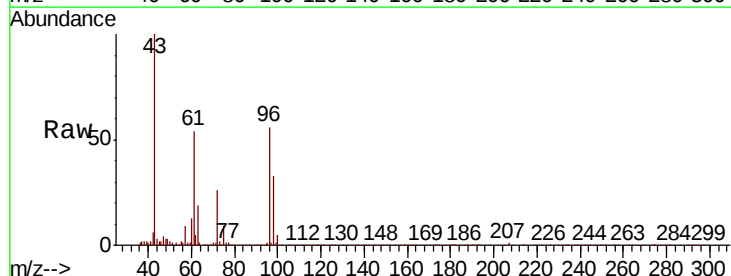
Instrument :
 MSVOA_R
 ClientSampleId :

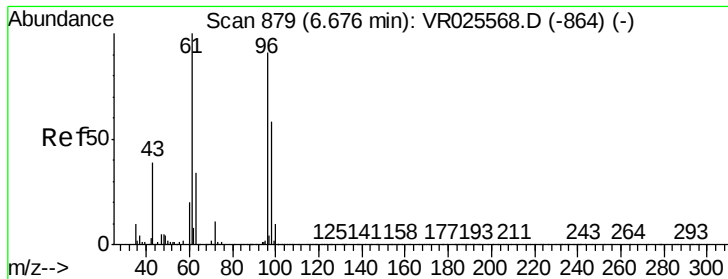
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.5	43.7
83	11.4	9.1	16.9



#21
 2-Butanone
 Concen: 57.894 ug/L
 RT: 6.70 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion	Ratio	Lower	Upper
43	100		
72	28.6	13.2	39.6



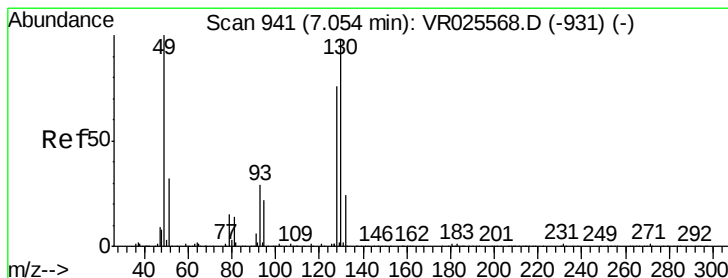
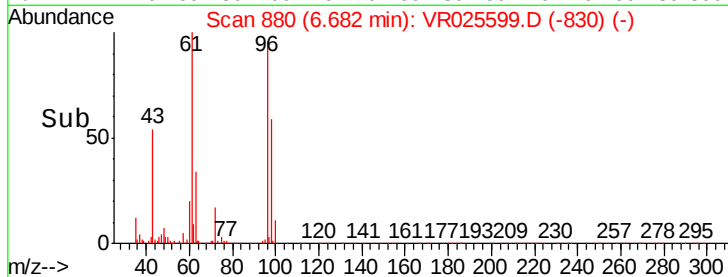
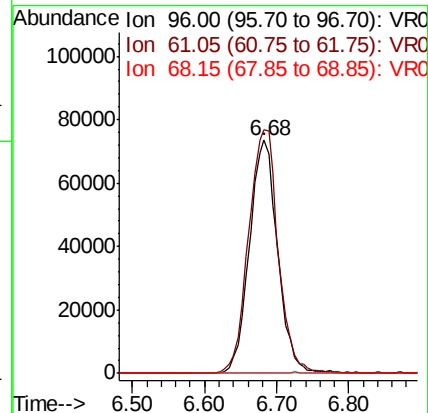
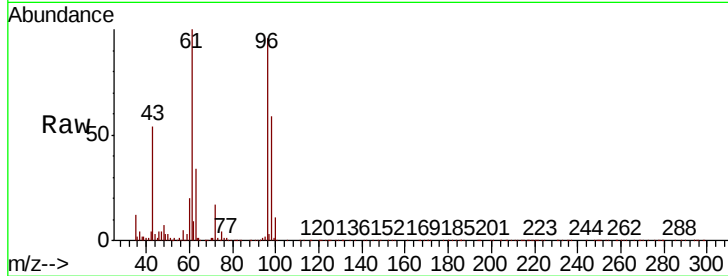


#22

cis-1,2-Dichloroethene
Concen: 5.230 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Instrument :
MSVOA_R
ClientSampled :

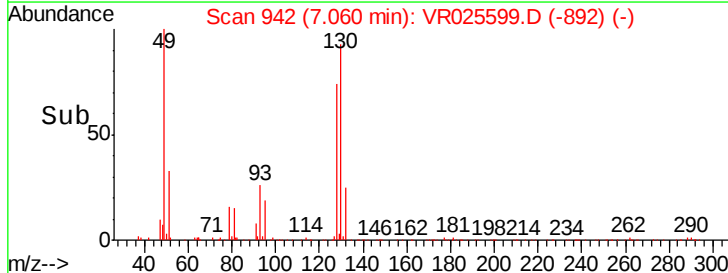
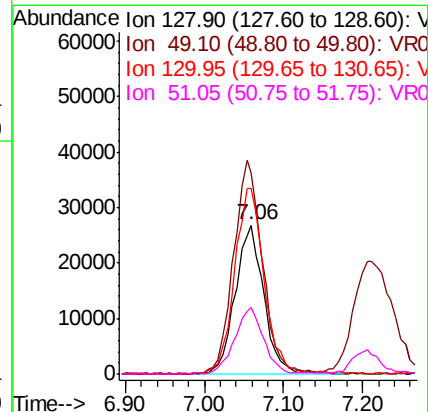
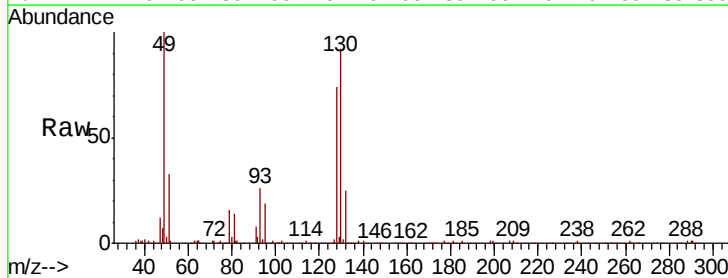
Tgt Ion	Ratio	Lower	Upper
96	100		
61	104.5	77.7	144.3
68	0.1	0.0	0.0#

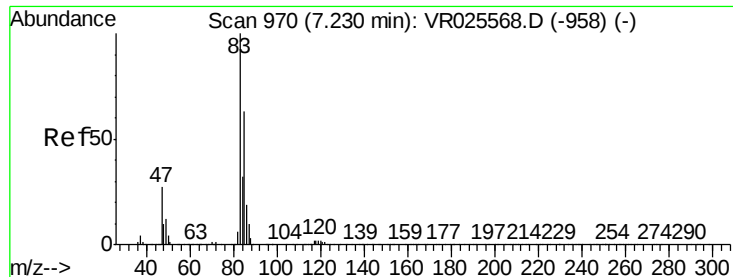


#23

Bromochloromethane
Concen: 5.350 ug/L
RT: 7.06 min Scan# 942
Delta R.T. 0.01 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion	Ratio	Lower	Upper
128	100		
49	135.2	103.3	191.9
130	124.6	84.9	157.7
51	44.8	35.4	53.2

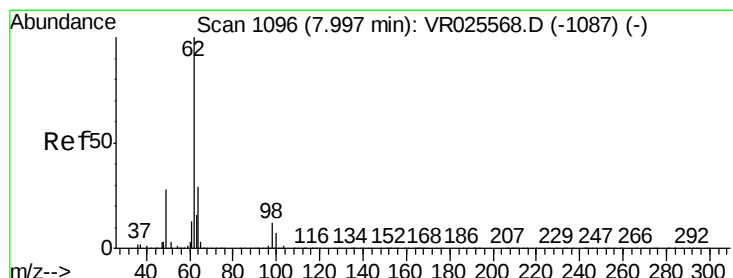
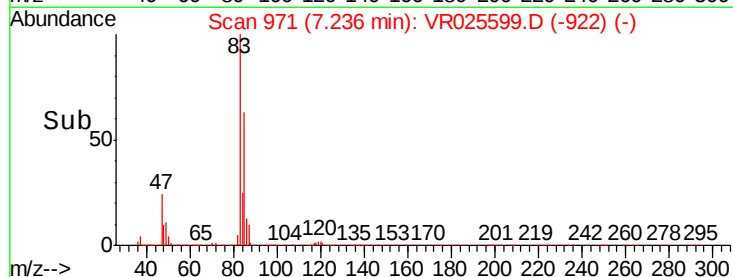
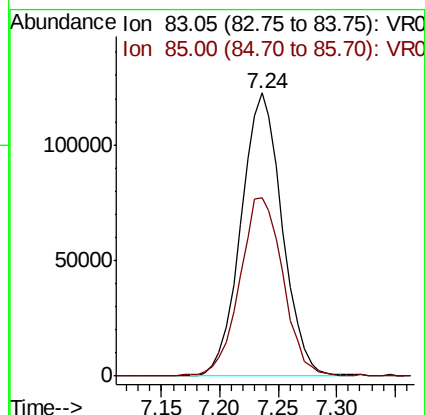
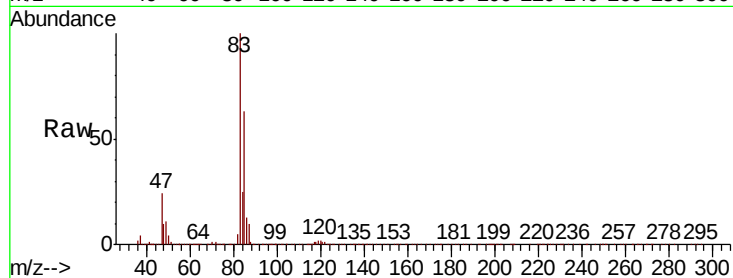




#25
Chloroform
Concen: 4.967 ug/L
RT: 7.24 min Scan# 971
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

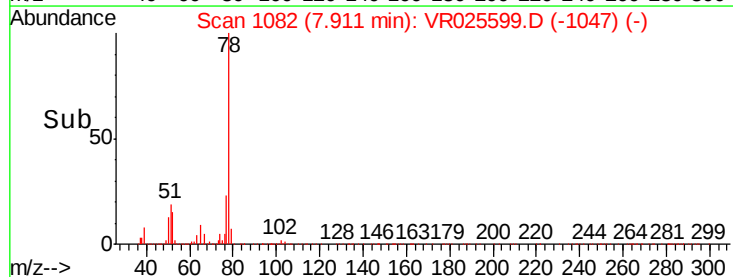
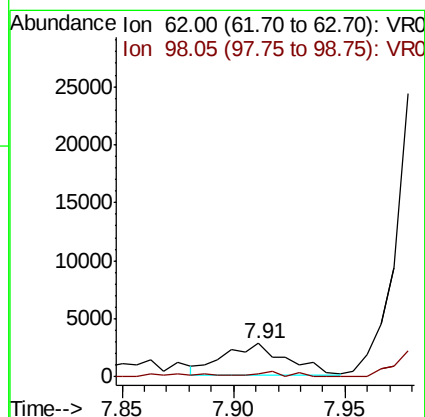
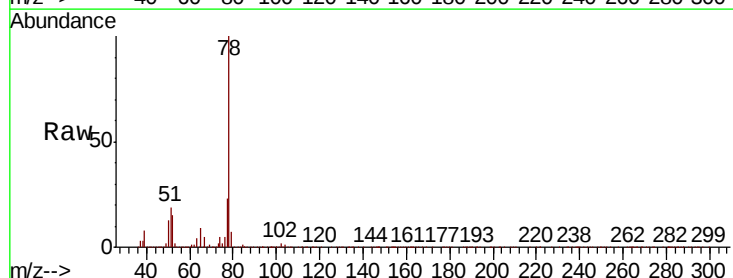
Instrument :
MSVOA_R
ClientSampleId :

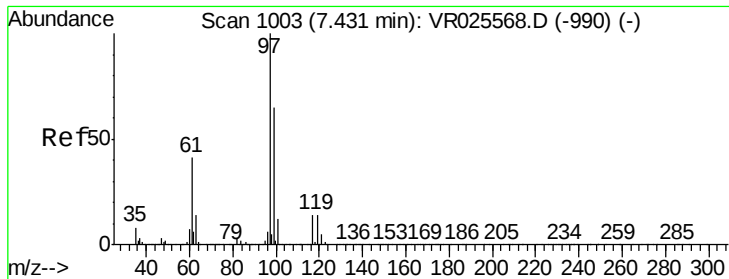
Tgt Ion: 83 Resp: 299729
Ion Ratio Lower Upper
83 100
85 63.2 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.232 ug/L
RT: 7.91 min Scan# 1082
Delta R.T. -0.09 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion: 62 Resp: 5570
Ion Ratio Lower Upper
62 100
98 9.5 6.6 9.8

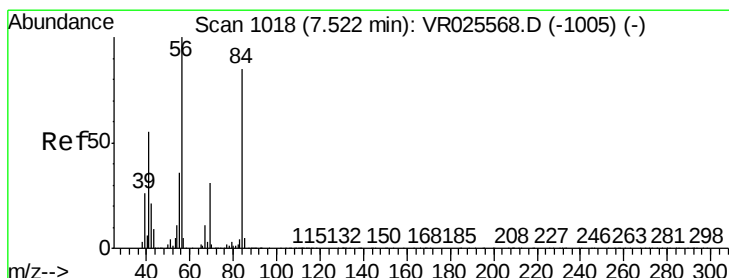
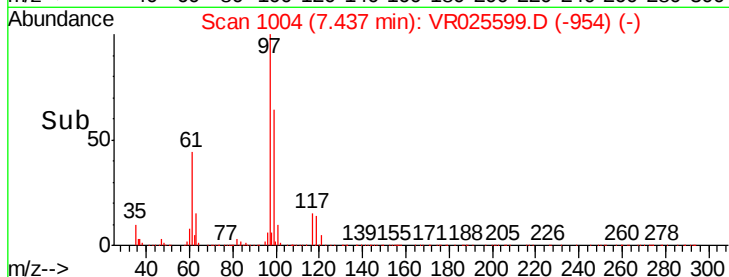
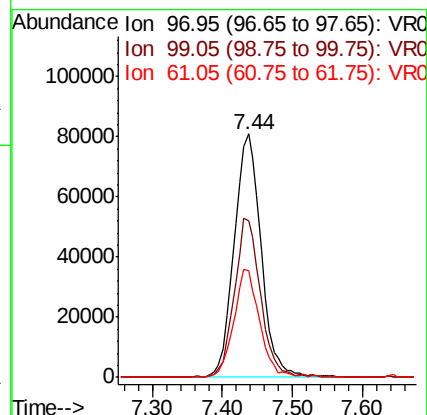
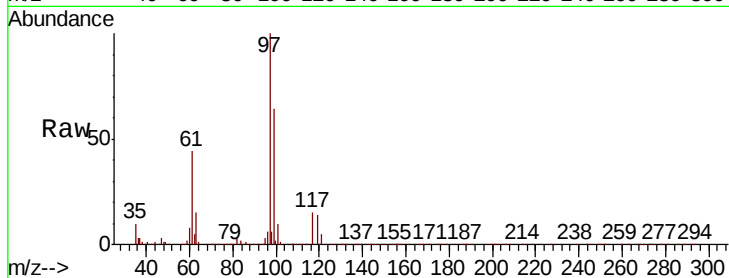




#29
 1,1,1-Trichloroethane
 Concen: 4.457 ug/L
 RT: 7.44 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

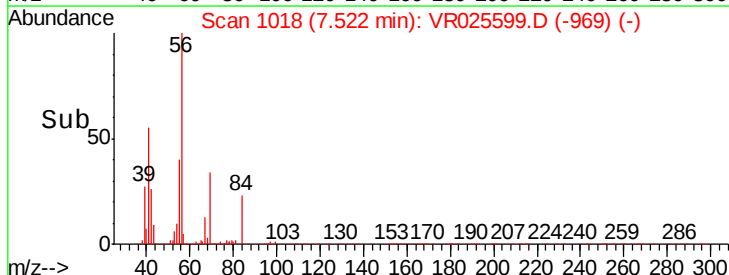
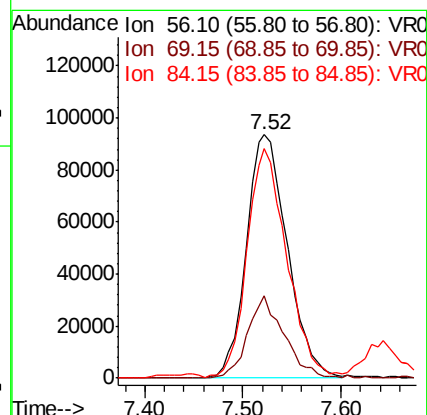
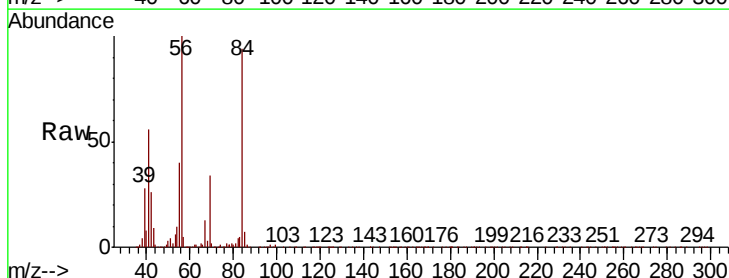
Instrument :
 MSVOA_R
 ClientSampled :

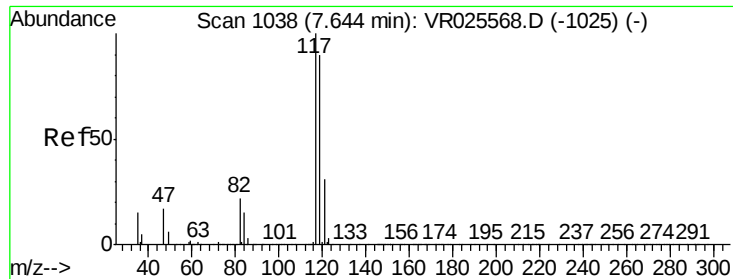
Tgt Ion: 97 Resp: 216235
 Ion Ratio Lower Upper
 97 100
 99 63.9 52.1 78.1
 61 41.9 35.3 52.9



#30
 Cyclohexane
 Concen: 4.833 ug/L
 RT: 7.52 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion: 56 Resp: 270132
 Ion Ratio Lower Upper
 56 100
 69 30.0 24.6 36.8
 84 92.1 71.3 106.9

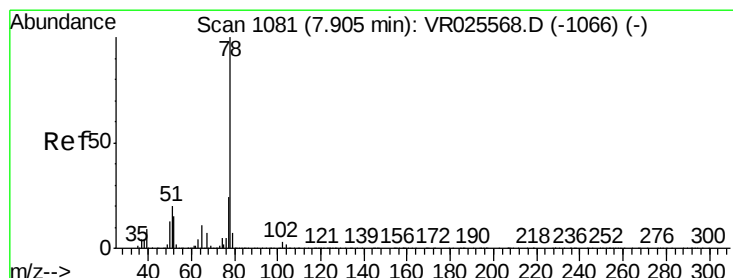
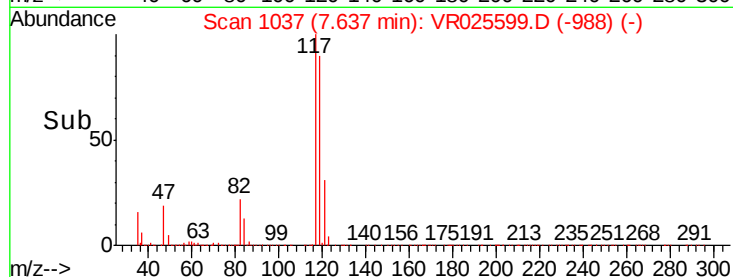
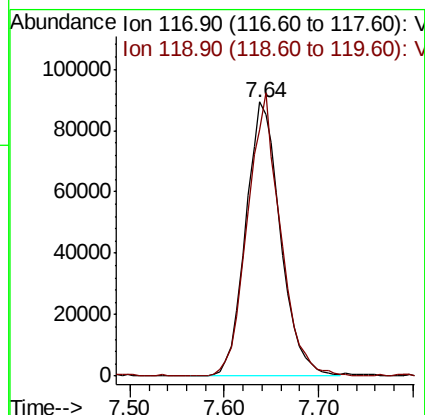
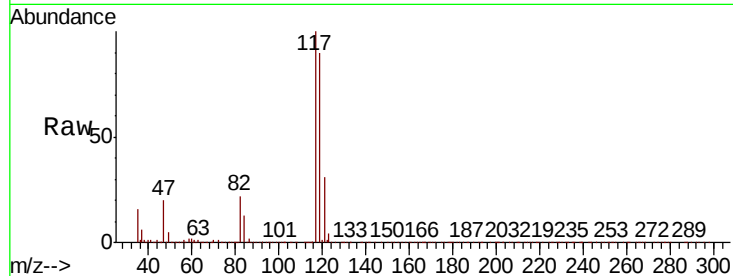




#31
Carbon tetrachloride
Concen: 4.596 ug/L
RT: 7.64 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

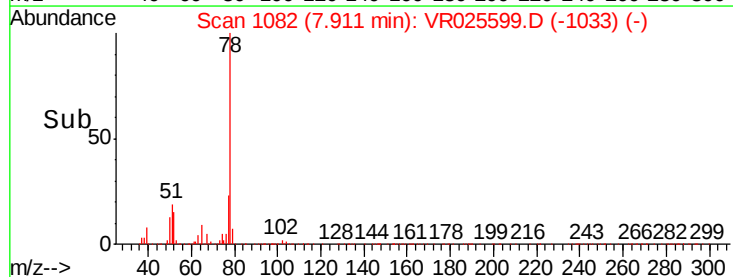
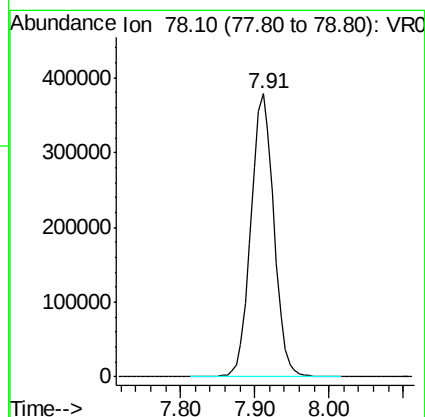
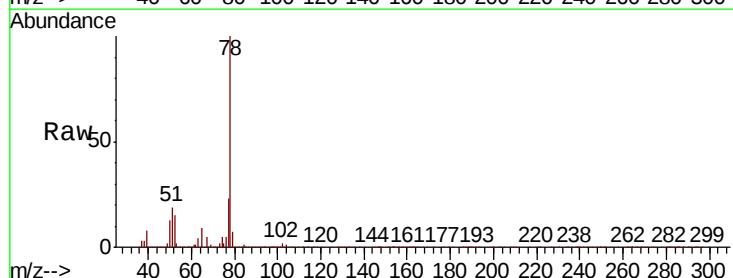
Instrument :
MSVOA_R
ClientSampled :

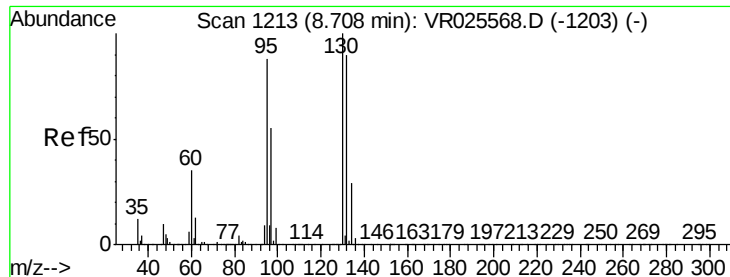
Tgt Ion:117 Resp: 230162
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.2



#33
Benzene
Concen: 4.859 ug/L
RT: 7.91 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion: 78 Resp: 822291





#34

Trichloroethene

Concen: 4.639 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion: 95 Resp: 195269

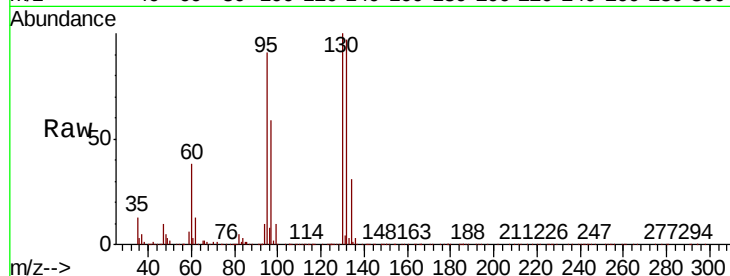
Ion Ratio Lower Upper

95 100

97 64.5 46.7 86.7

132 107.1 71.7 133.1

130 110.0 71.3 132.3

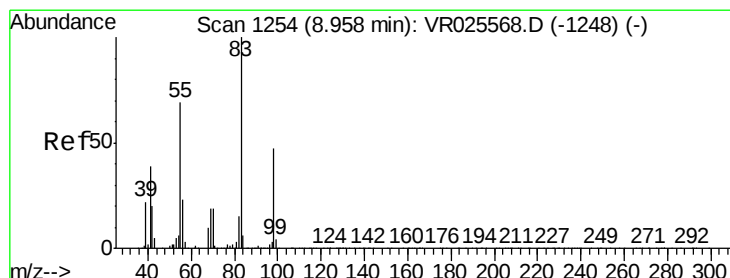
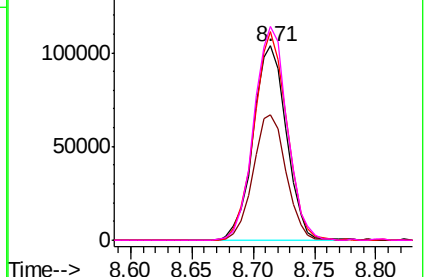
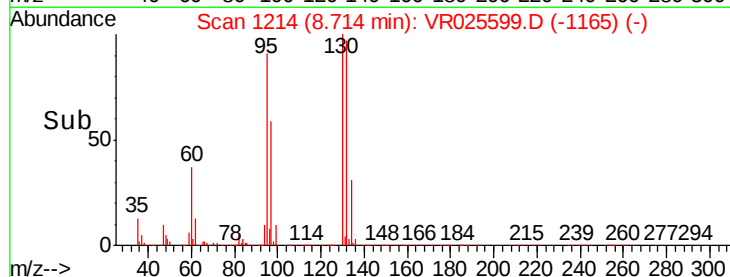


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.162 ug/L

RT: 8.96 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

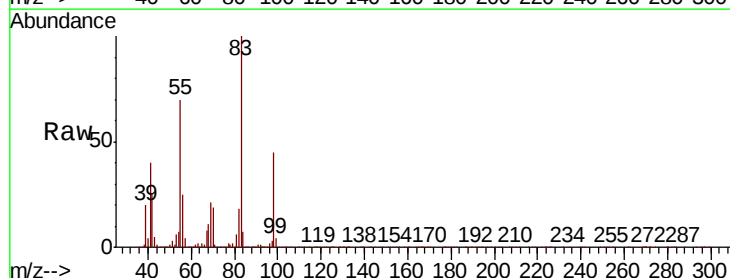
Tgt Ion: 83 Resp: 326719

Ion Ratio Lower Upper

83 100

55 69.3 58.3 87.5

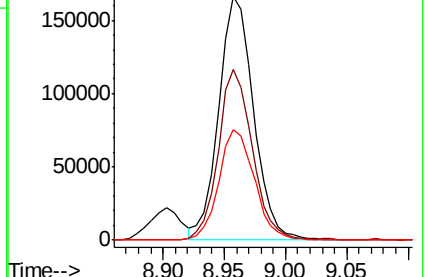
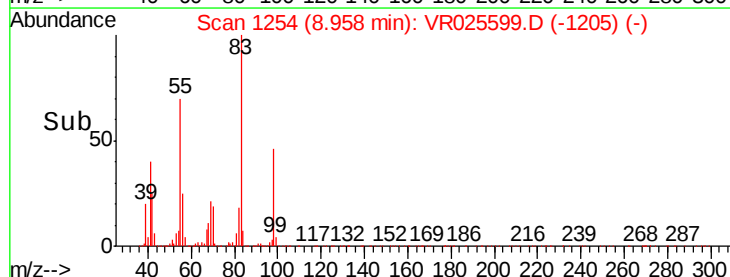
98 46.6 37.8 56.6

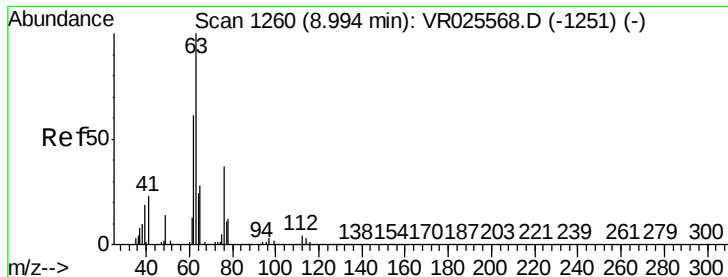


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

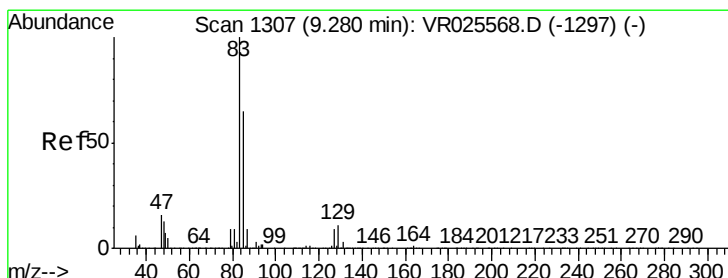
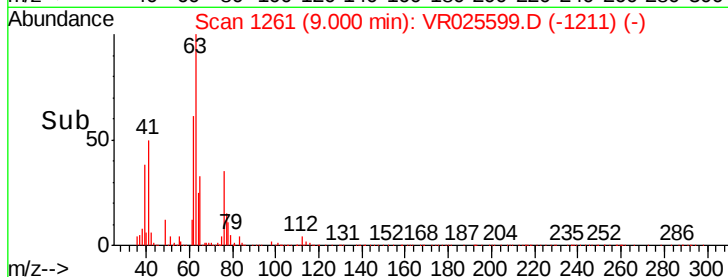
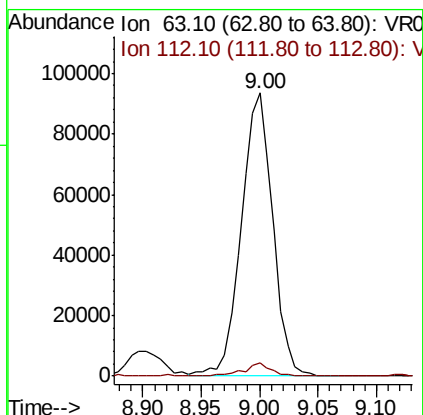
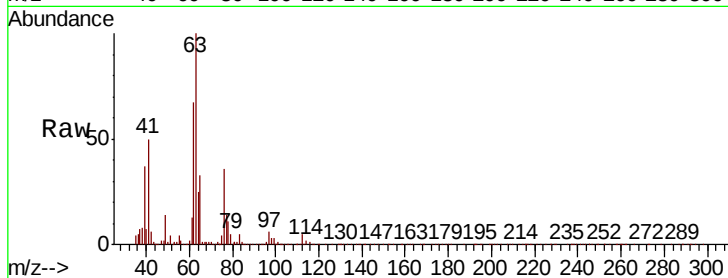




#37
 1,2-Dichloropropane
 Concen: 4.915 ug/L
 RT: 9.00 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

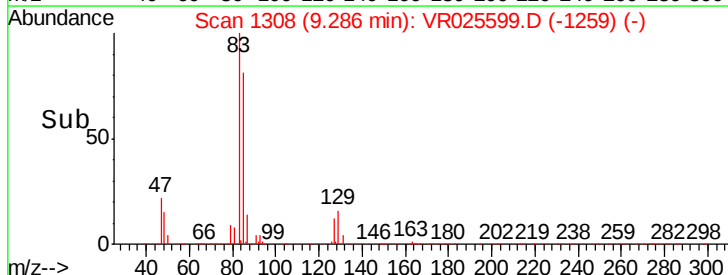
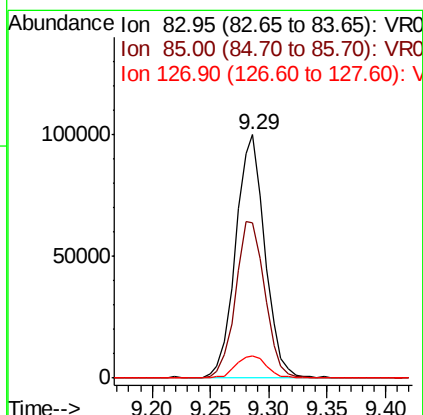
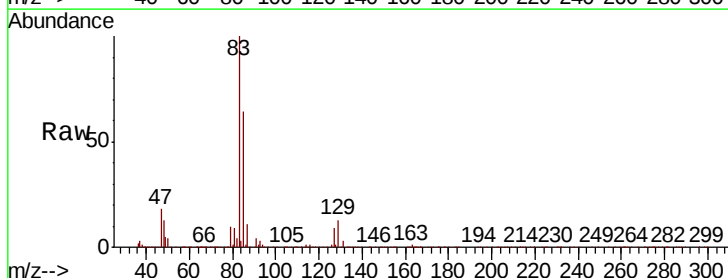
Instrument :
 MSVOA_R
 ClientSampled :

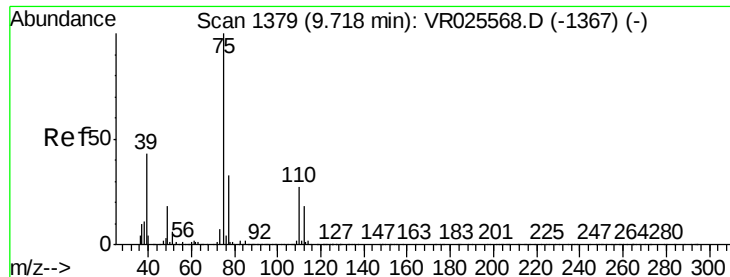
Tgt Ion: 63 Resp: 175102
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.3 4.9



#38
 Bromodichloromethane
 Concen: 4.781 ug/L
 RT: 9.29 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion: 83 Resp: 174001
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.0 81.6
 127 9.3 6.7 10.1

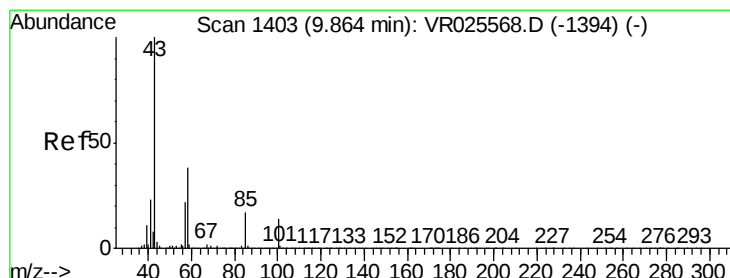
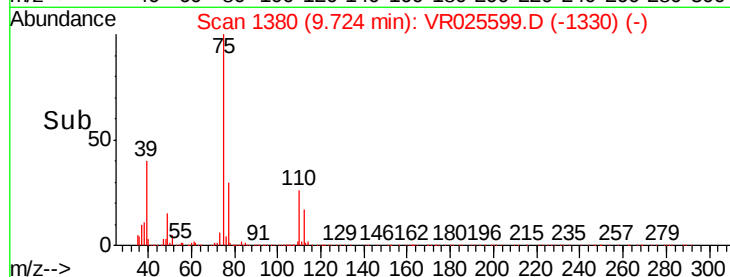
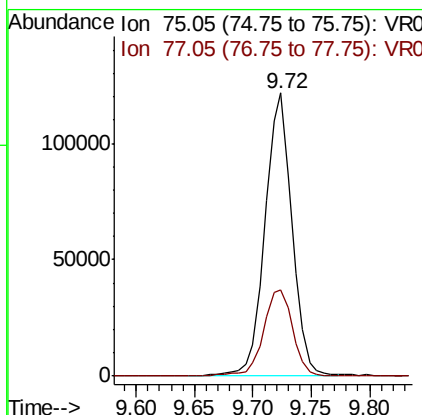
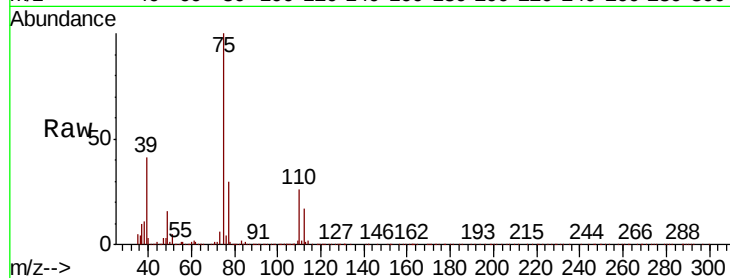




#39
 cis-1,3-Dichloropropene
 Concen: 4.943 ug/L
 RT: 9.72 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

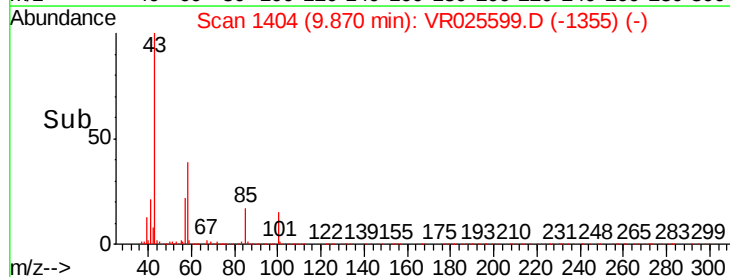
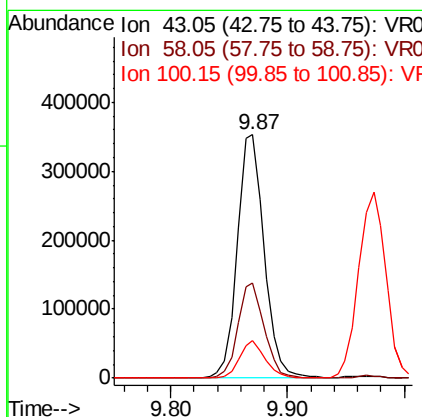
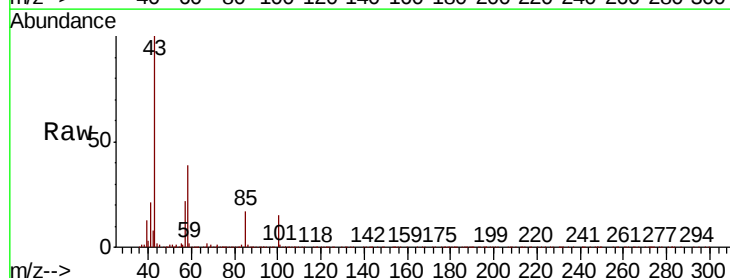
Instrument :
 MSVOA_R
 ClientSampled :

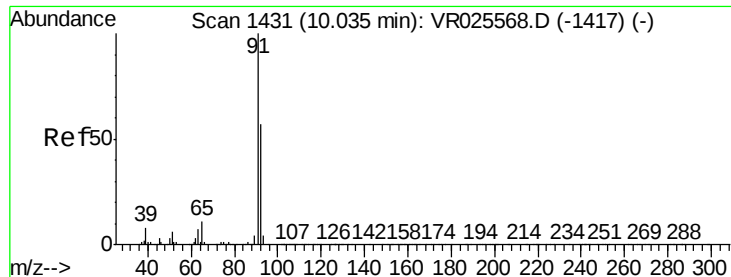
Tgt Ion: 75 Resp: 194429
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 56.471 ug/L
 RT: 9.87 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion: 43 Resp: 566907
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.6
 100 14.7 11.9 17.9





#42

Toluene

Concen: 5.185 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

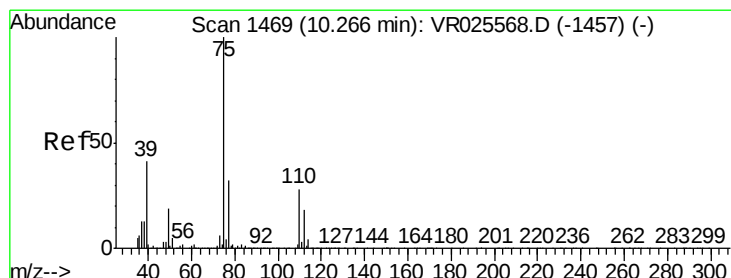
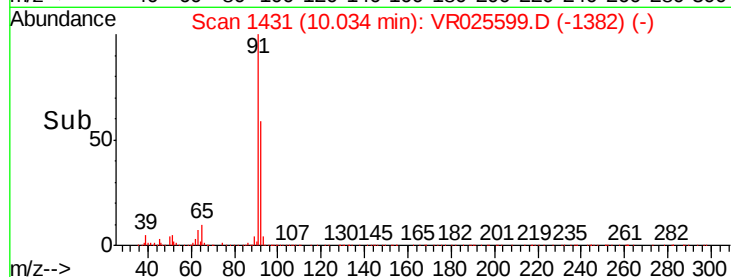
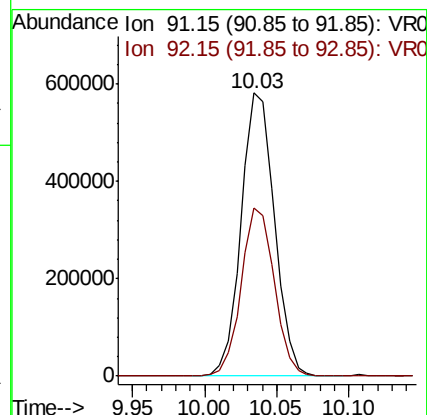
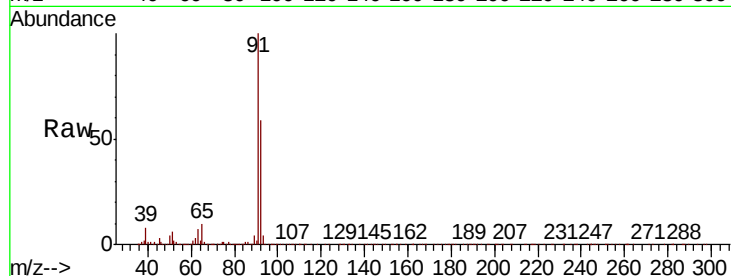
ClientSampleId :

Tgt Ion: 91 Resp: 934501

Ion Ratio Lower Upper

91 100

92 59.5 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.025 ug/L

RT: 10.27 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VR025599.D

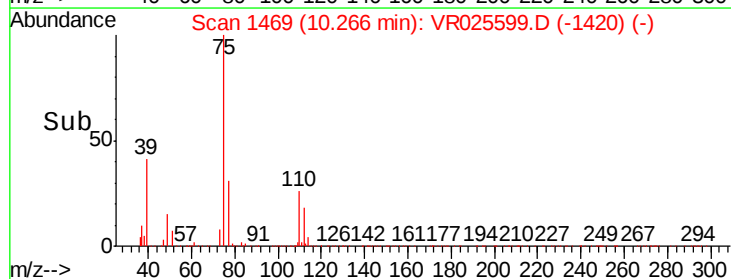
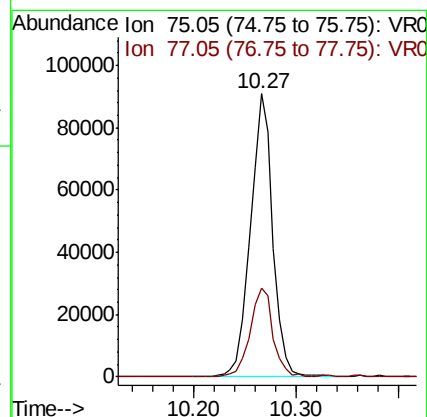
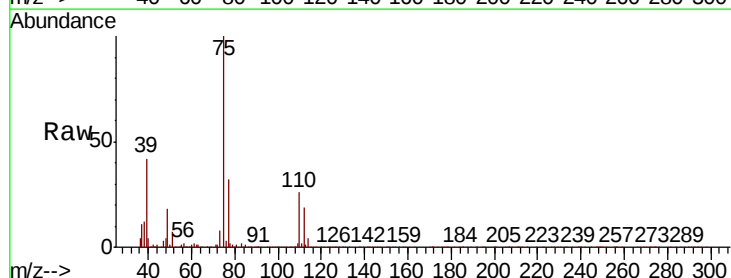
Acq: 9 Aug 2018 9:18

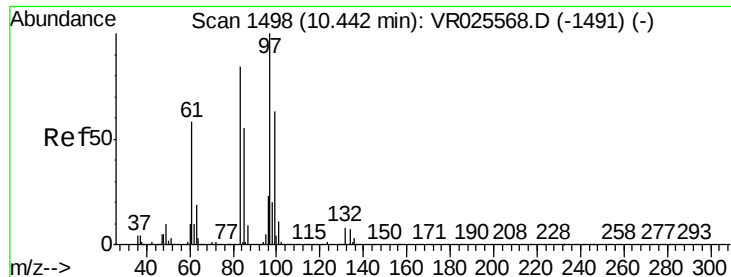
Tgt Ion: 75 Resp: 137981

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4

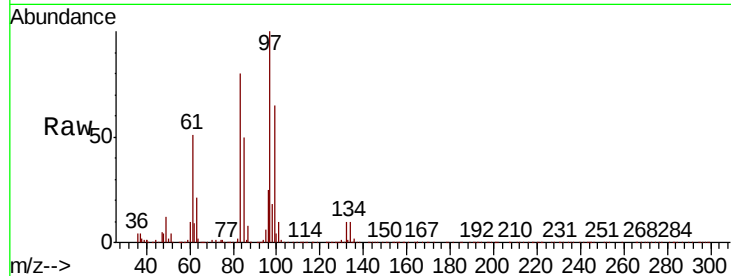




#45
 1,1,2-Trichloroethane
 Concen: 5.006 ug/L
 RT: 10.45 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Instrument :
 MSVOA_R
 ClientSampled :

Tgt Ion:	97	Resp:	88820
Ion	Ratio	Lower	Upper
97	100		
99	65.3	43.4	80.6
83	80.5	57.3	106.5
85	50.0	35.8	66.4



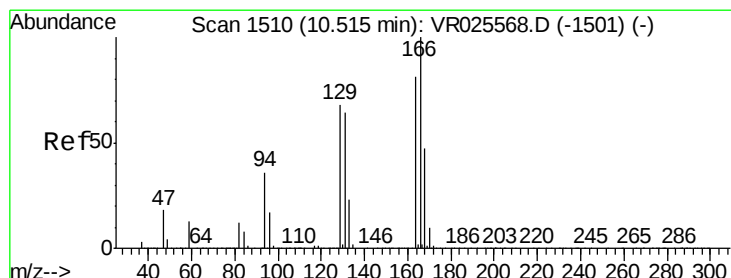
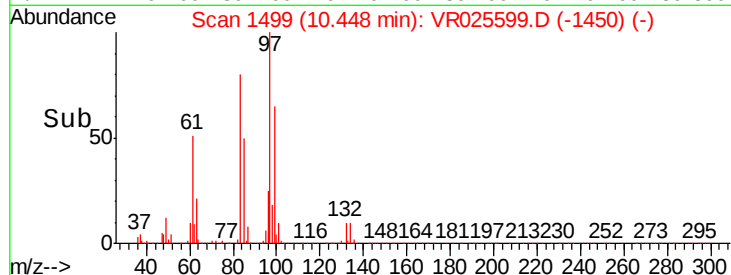
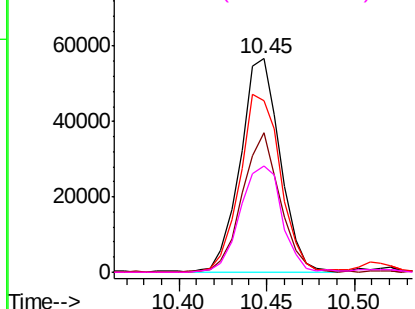
Abundance

Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

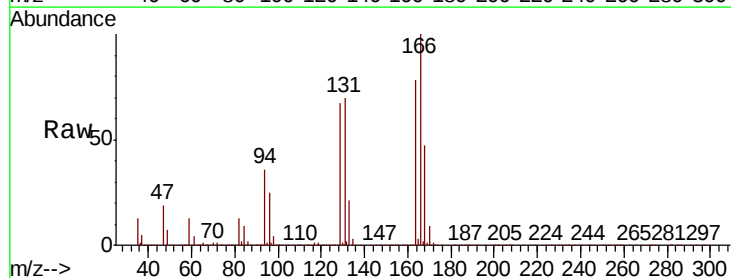
Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0



#47
 Tetrachloroethene
 Concen: 5.202 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion:	164	Resp:	187346
Ion	Ratio	Lower	Upper
164	100		
129	85.6	63.0	117.0
131	89.6	60.6	112.6
166	128.5	87.6	162.8



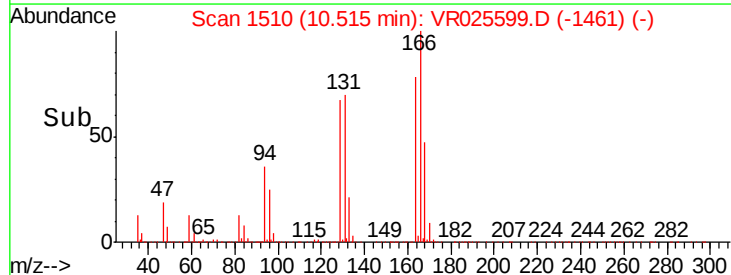
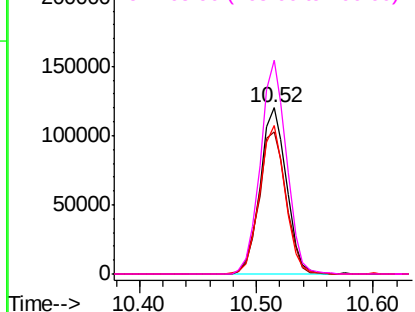
Abundance

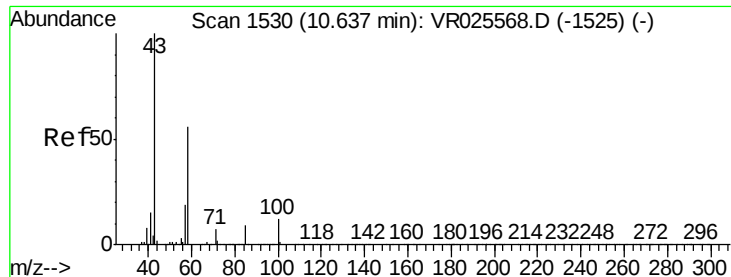
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

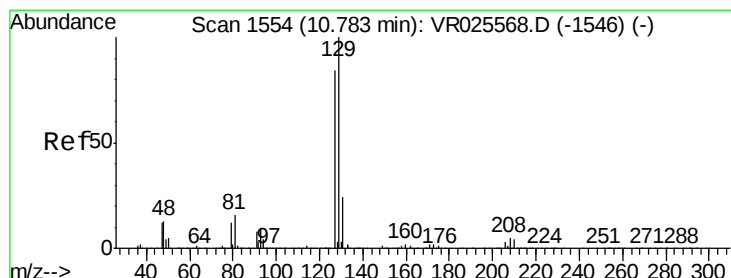
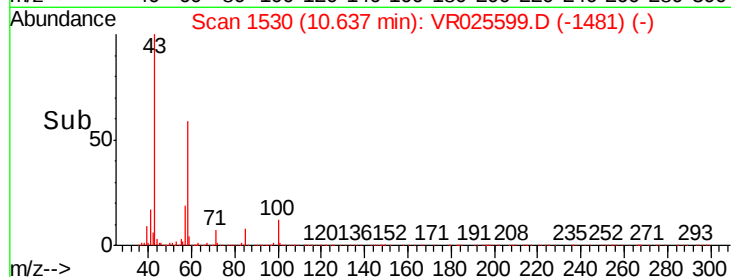
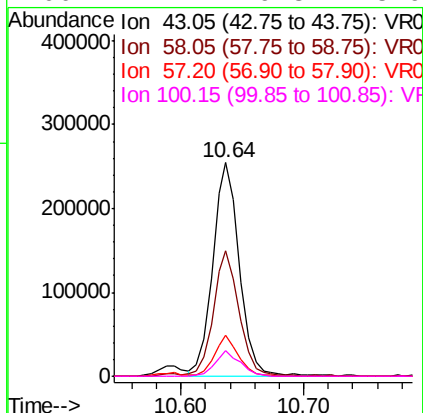
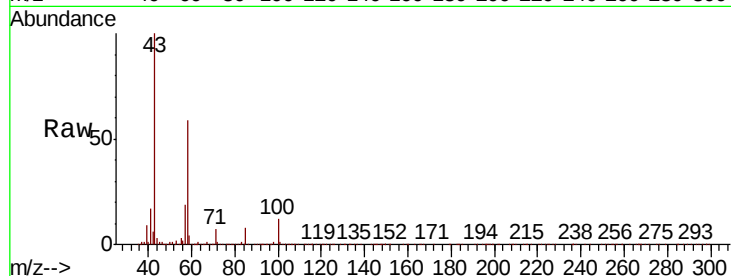




#48
2-Hexanone
Concen: 56.521 ug/L
RT: 10.64 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

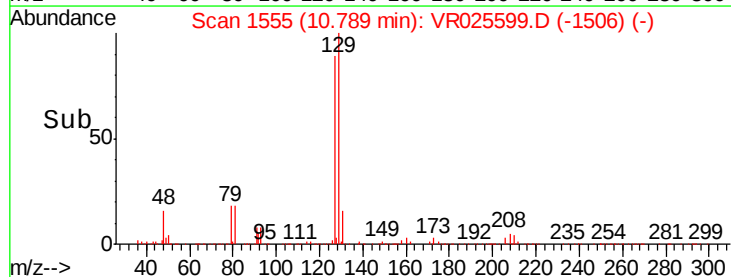
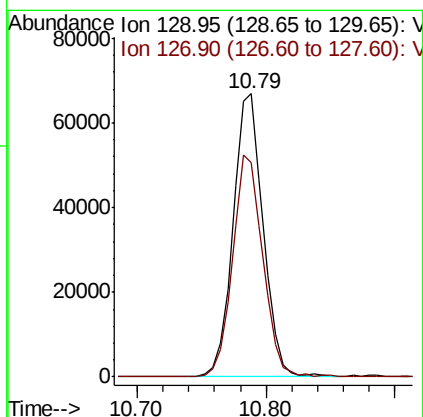
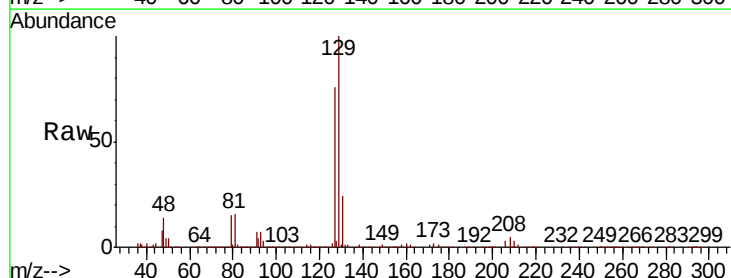
Instrument :
MSVOA_R
ClientSampleId :

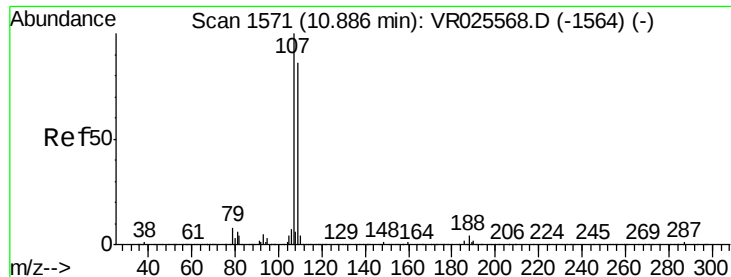
Tgt Ion:	43	Resp:	382652
Ion	Ratio	Lower	Upper
43	100		
58	58.1	45.0	67.6
57	17.3	15.8	23.6
100	11.4	9.3	13.9



#49
Dibromochloromethane
Concen: 5.161 ug/L
RT: 10.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion:	129	Resp:	108015
Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.3	100.9

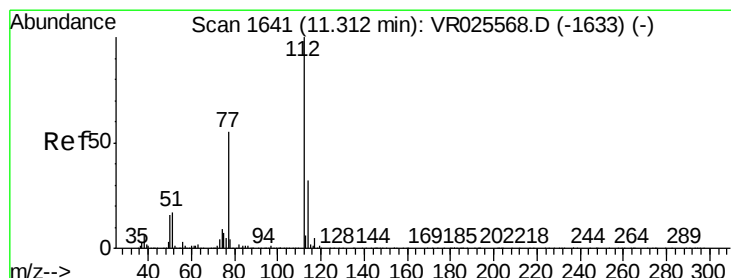
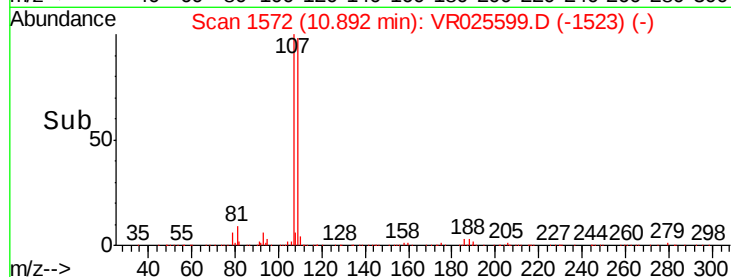
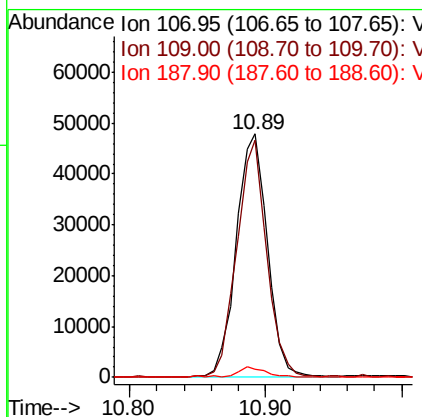
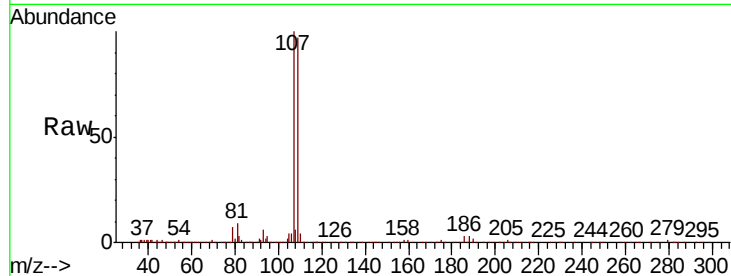




#50
1,2-Dibromoethane
Concen: 5.137 ug/L
RT: 10.89 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

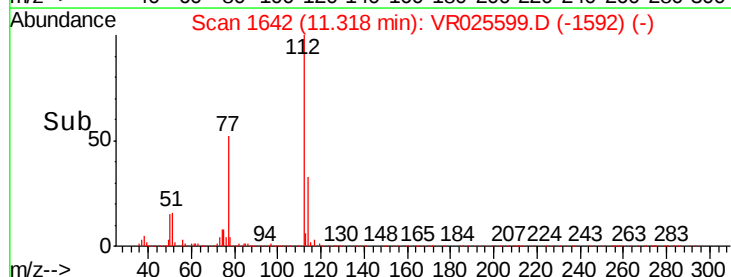
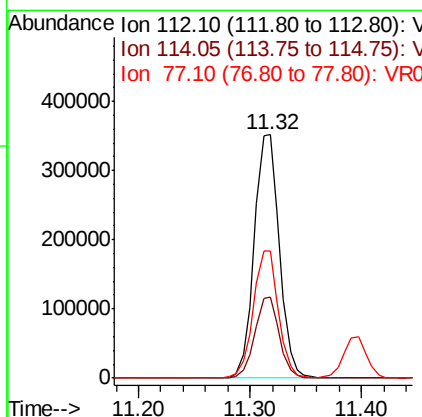
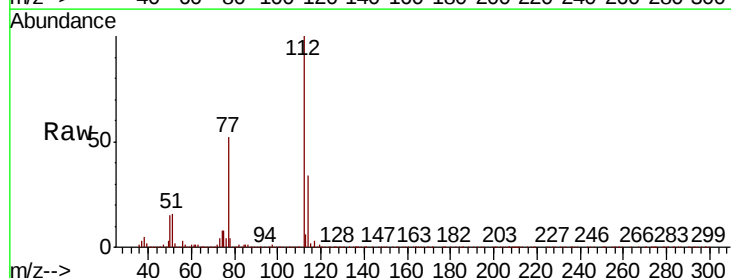
Instrument :
MSVOA_R
ClientSampleId :

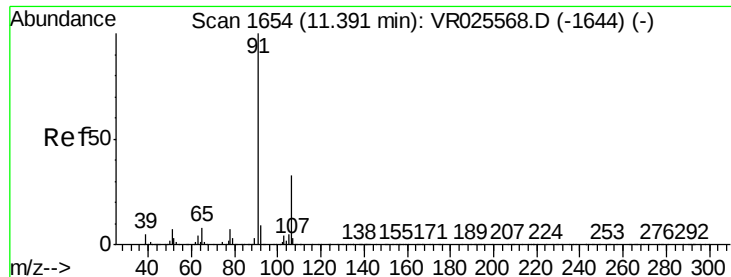
Tgt Ion	Ratio	Lower	Upper
107	100		
109	97.3	60.6	112.6
188	3.4	2.4	3.6



#51
Chlorobenzene
Concen: 5.064 ug/L
RT: 11.32 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.5	21.8	40.4
77	52.1	41.8	62.8





#52

Ethylbenzene

Concen: 5.211 ug/L

RT: 11.40 min Scan# 1655

Delta R.T. 0.01 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

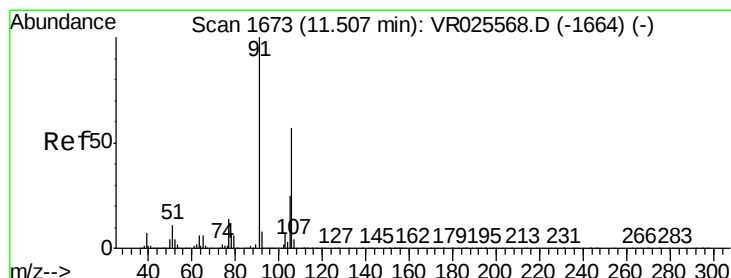
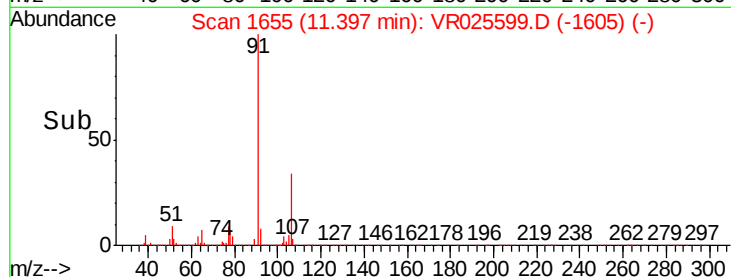
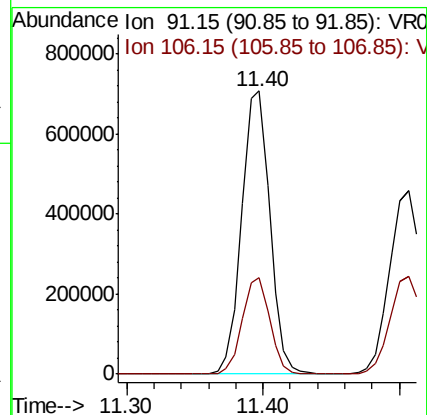
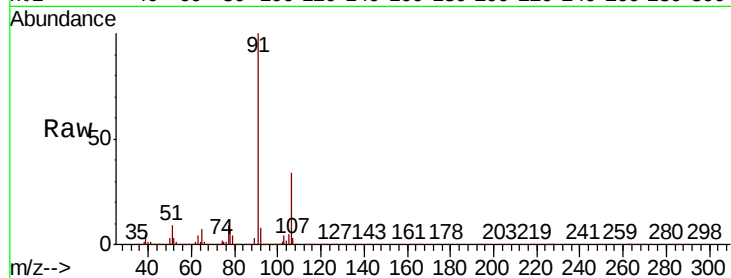
ClientSampleId :

Tgt Ion: 91 Resp: 1021255

Ion Ratio Lower Upper

91 100

106 34.1 23.6 43.8



#53

m,p-Xylene

Concen: 5.420 ug/L

RT: 11.51 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VR025599.D

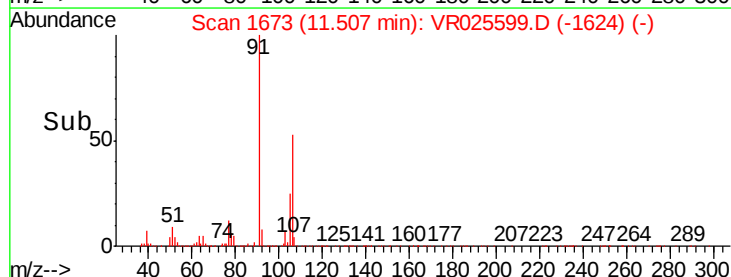
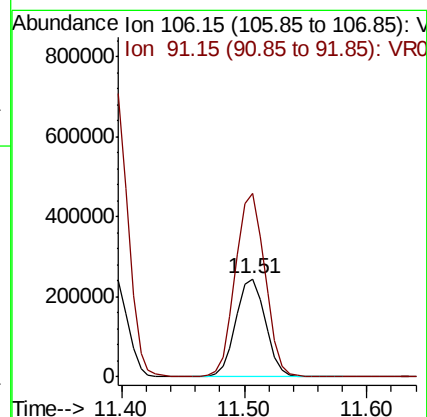
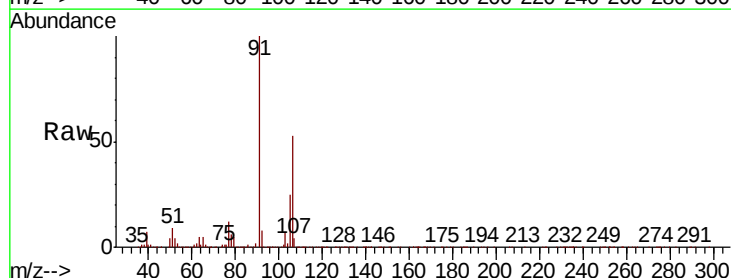
Acq: 9 Aug 2018 9:18

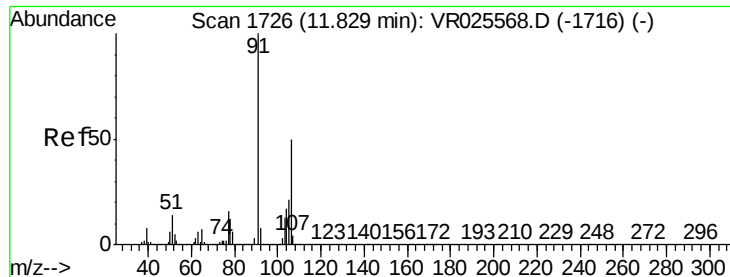
Tgt Ion: 106 Resp: 410959

Ion Ratio Lower Upper

106 100

91 187.1 128.2 238.0

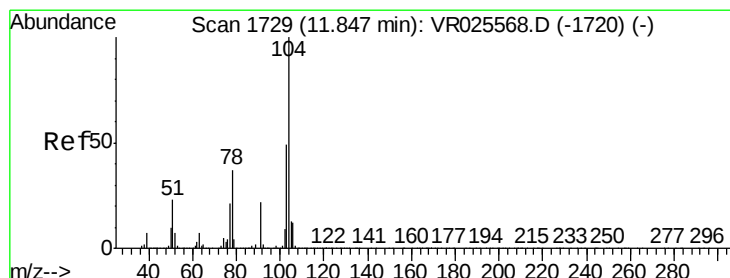
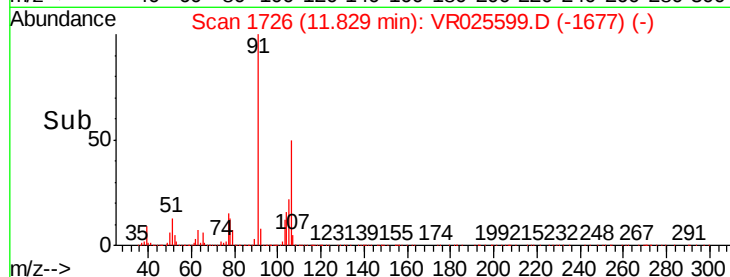
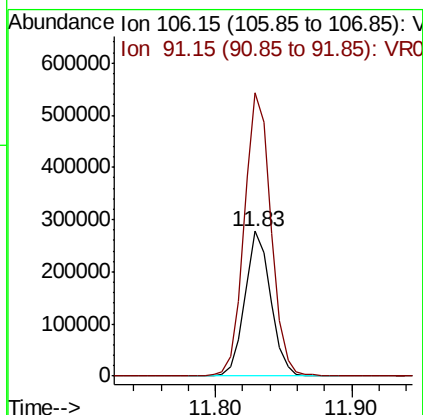
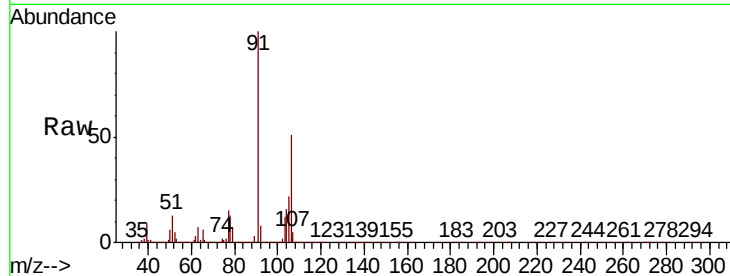




#54
o-Xylene
Concen: 5.275 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

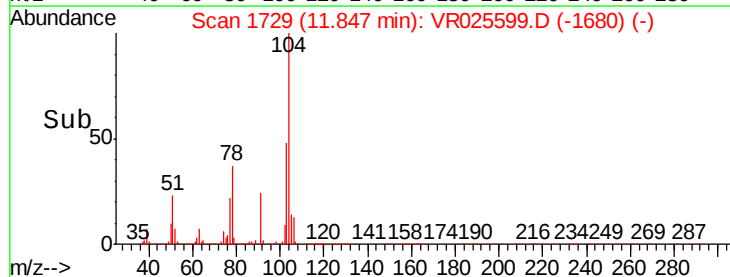
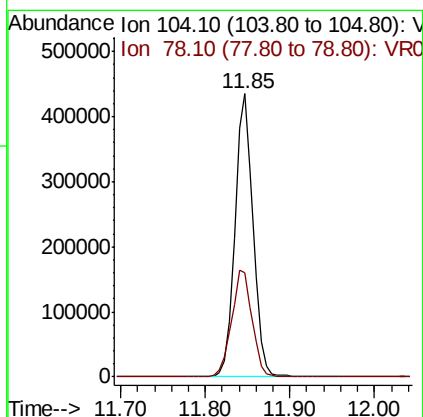
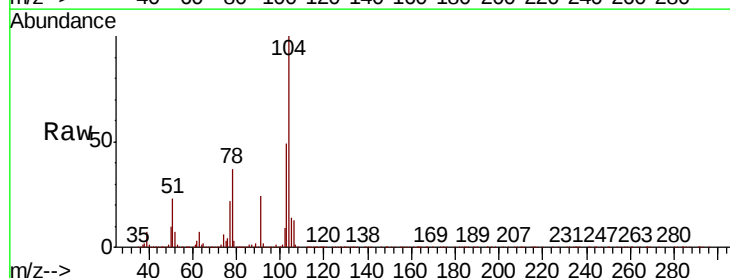
Instrument :
MSVOA_R
ClientSampled :

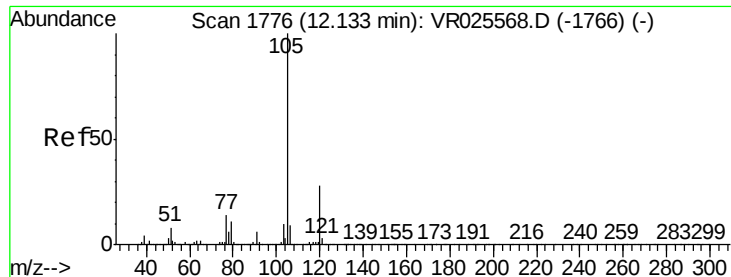
Tgt Ion:106 Resp: 367167
Ion Ratio Lower Upper
106 100
91 195.6 143.0 265.6



#55
Styrene
Concen: 5.615 ug/L
RT: 11.85 min Scan# 1729
Delta R.T. -0.00 min
Lab File: VR025599.D
Acq: 9 Aug 2018 9:18

Tgt Ion:104 Resp: 622678
Ion Ratio Lower Upper
104 100
78 36.7 26.0 48.2





#56

Isopropylbenzene

Concen: 5.435 ug/L

RT: 12.13 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VR025599.D

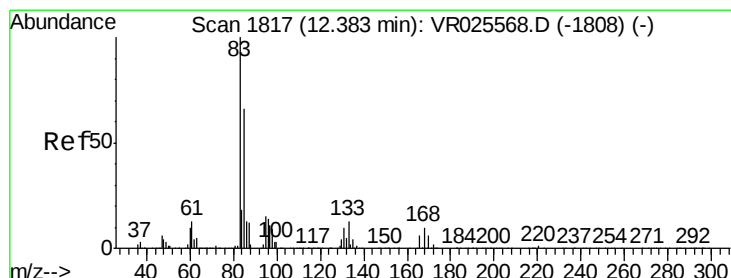
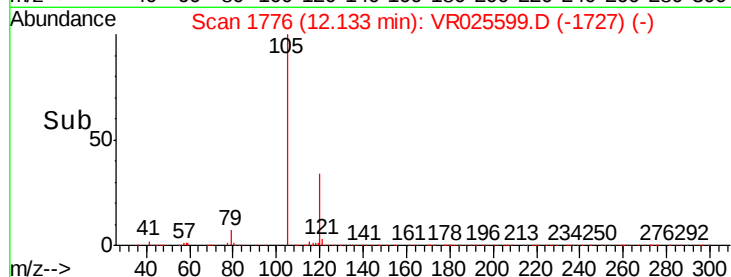
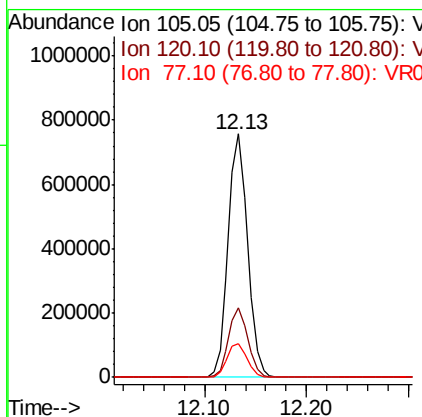
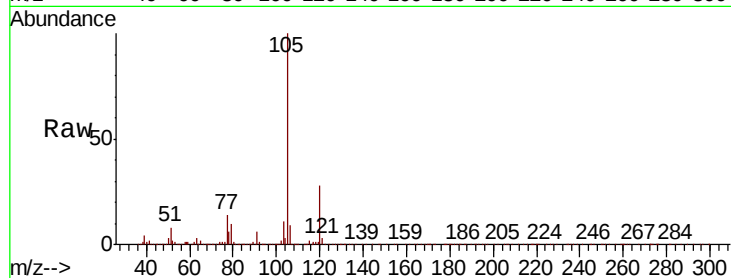
Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

ClientSampled :

Tgt Ion:	105	Resp:	995184
Ion Ratio	Lower	Upper	
105	100		
120	28.5	22.5	33.7
77	14.4	11.8	17.6



#58

1,1,2,2-Tetrachloroethane

Concen: 5.265 ug/L

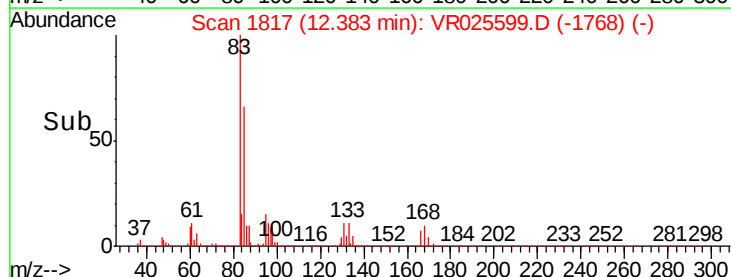
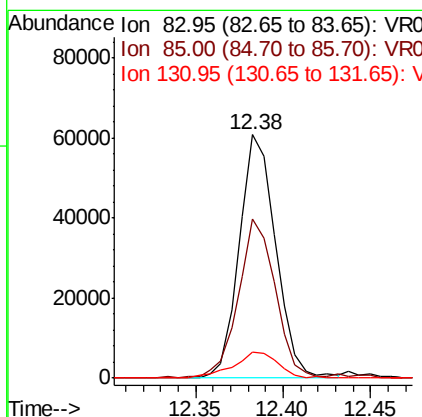
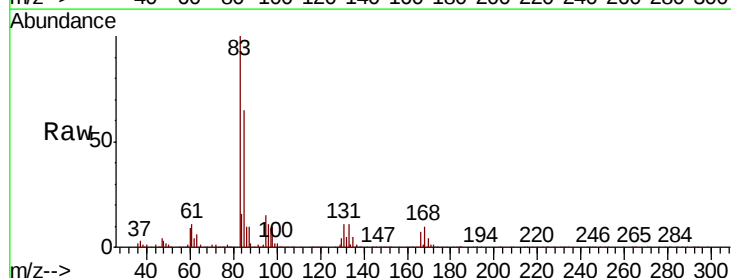
RT: 12.38 min Scan# 1817

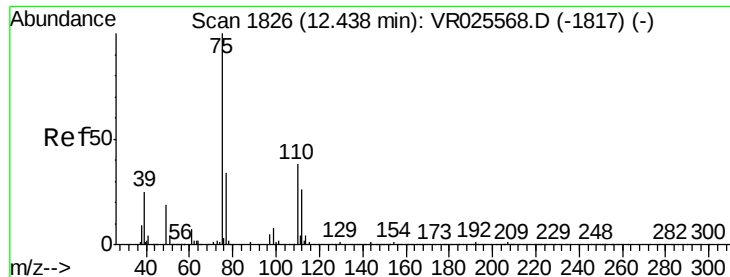
Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Tgt Ion:	83	Resp:	88525
Ion Ratio	Lower	Upper	
83	100		
85	65.5	42.5	78.9
131	10.9	8.6	13.0





#59

1,2,3-Trichloropropane

Concen: 5.209 ug/L

RT: 12.44 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

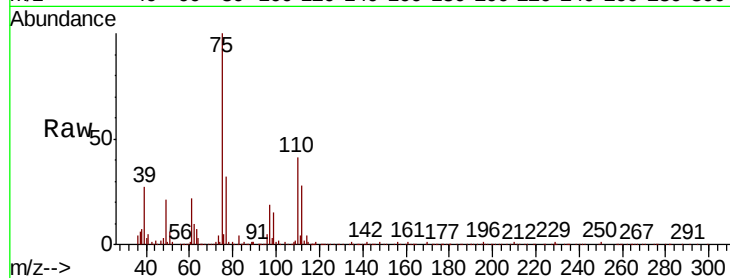
ClientSampleId :

Tgt Ion: 75 Resp: 58508

Ion Ratio Lower Upper

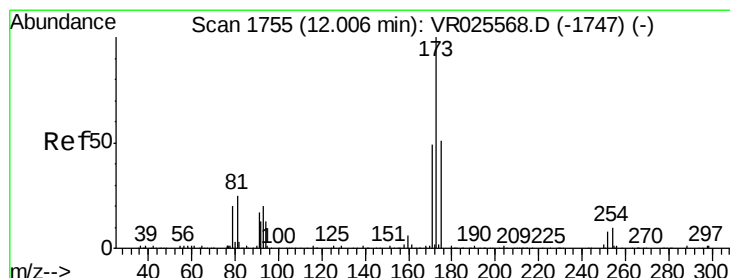
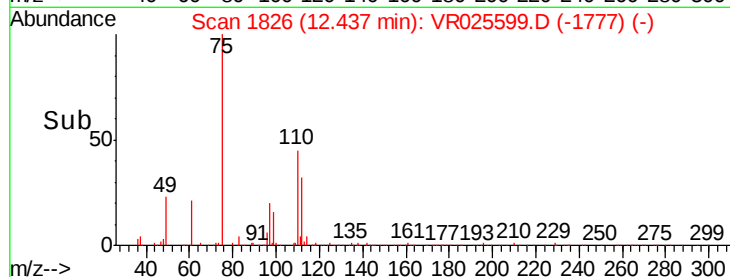
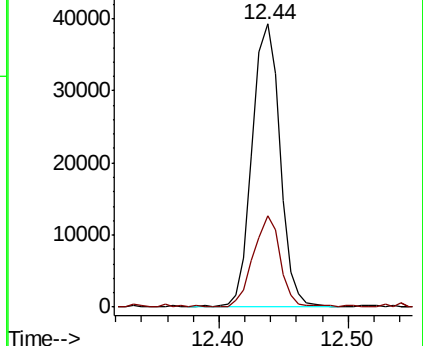
75 100

77 31.7 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0



#61

Bromoform

Concen: 4.873 ug/L

RT: 12.01 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

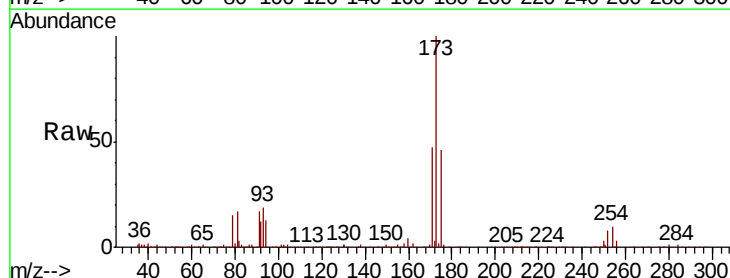
Tgt Ion: 173 Resp: 48244

Ion Ratio Lower Upper

173 100

175 47.1 39.3 58.9

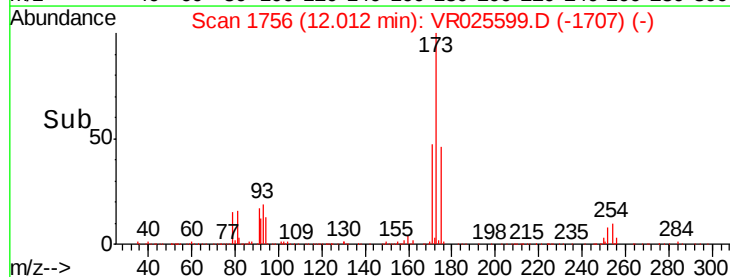
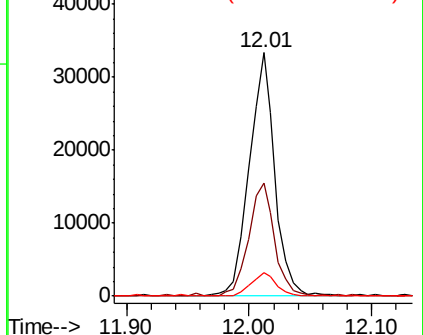
254 9.4 7.5 11.3

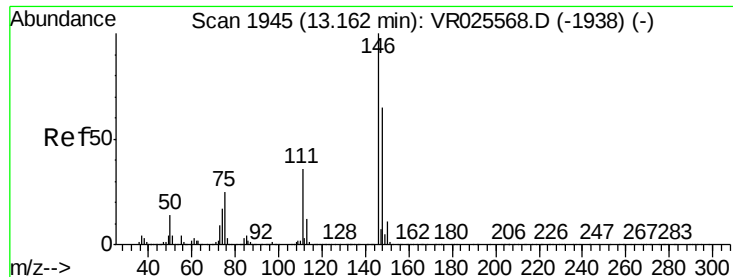


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 5.002 ug/L

RT: 13.16 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VR025599.D

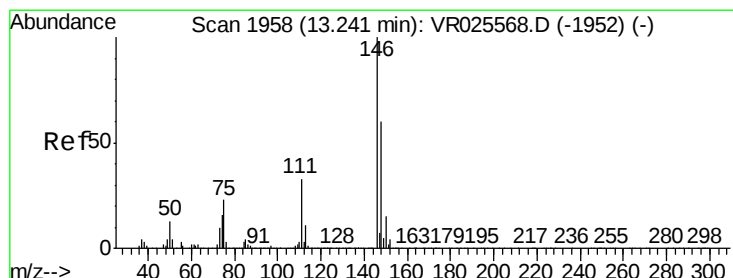
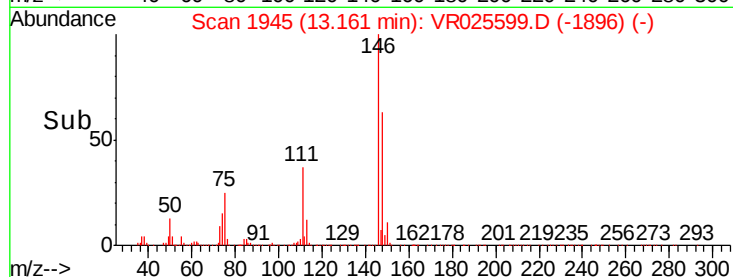
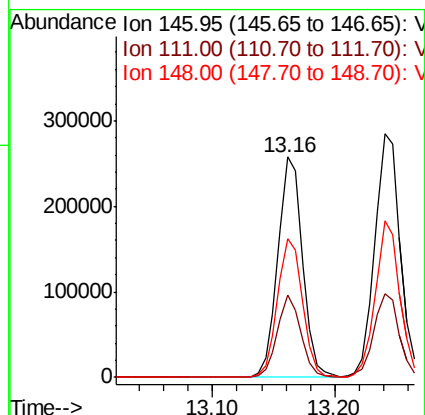
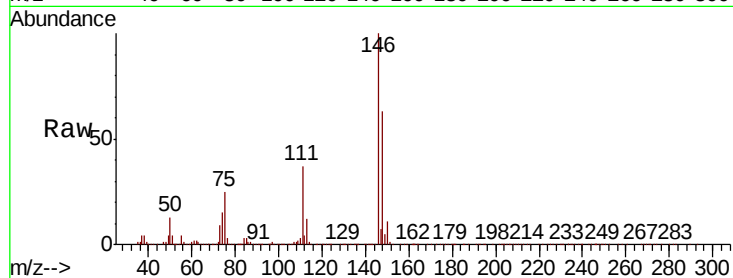
Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

ClientSampled :

Tgt Ion:	146	Resp:	359474
Ion Ratio	Lower	Upper	
146	100		
111	37.3	26.2	48.6
148	63.0	45.2	84.0



#63

1,4-Dichlorobenzene

Concen: 5.283 ug/L

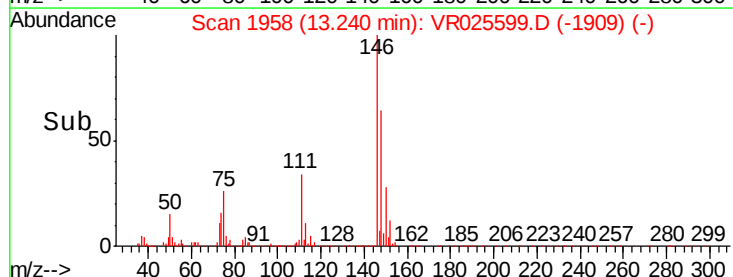
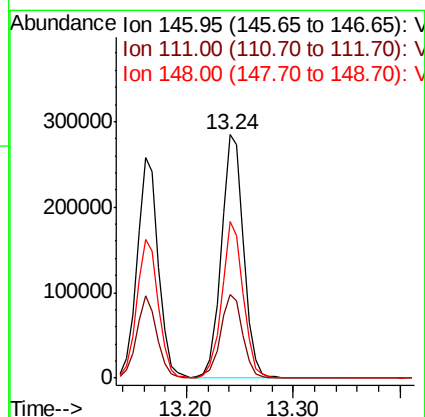
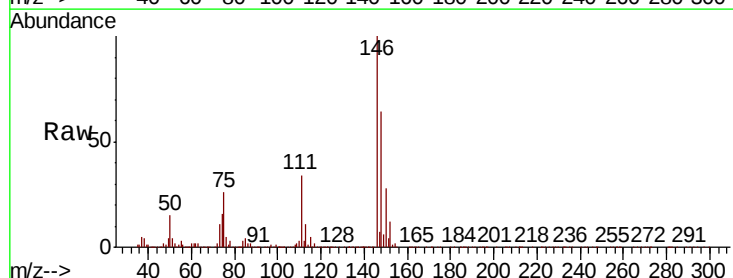
RT: 13.24 min Scan# 1958

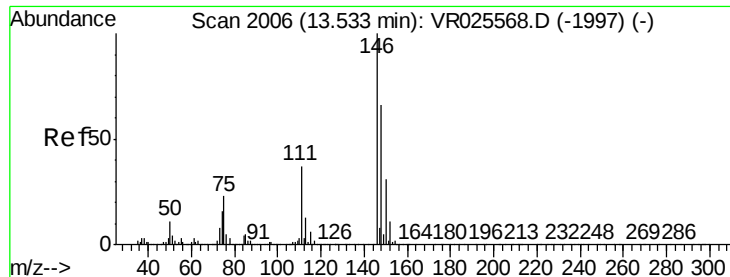
Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Tgt Ion:	146	Resp:	412137
Ion Ratio	Lower	Upper	
146	100		
111	34.4	25.6	47.6
148	64.3	44.2	82.0

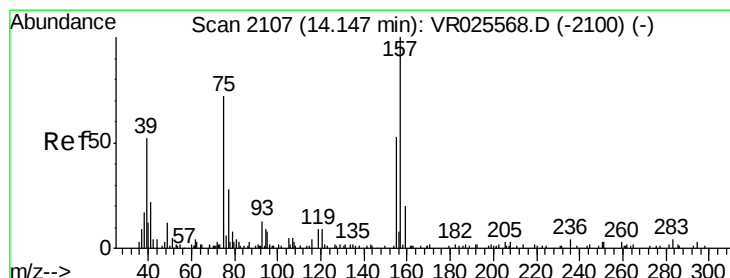
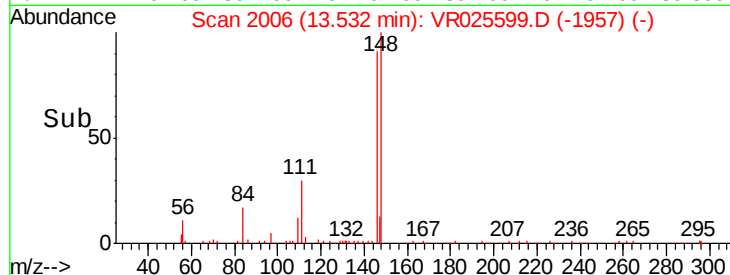
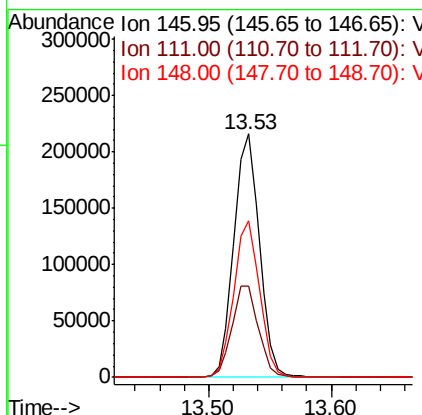
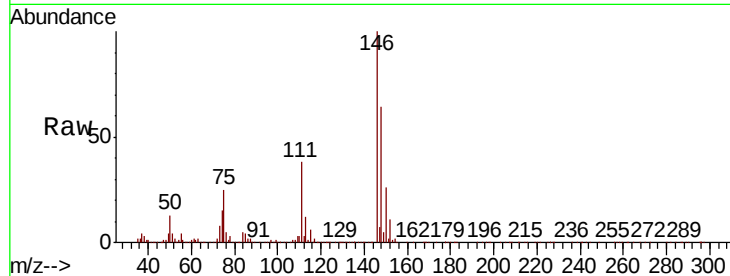




#65
 1,2-Dichlorobenzene
 Concen: 5.035 ug/L
 RT: 13.53 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

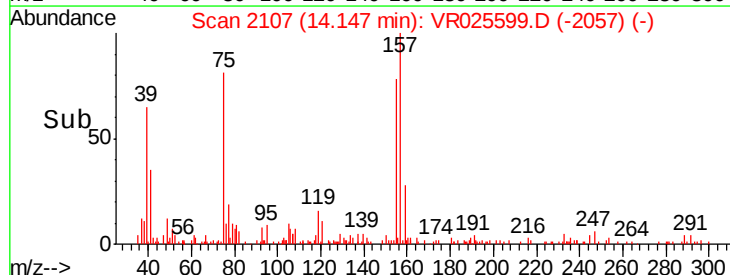
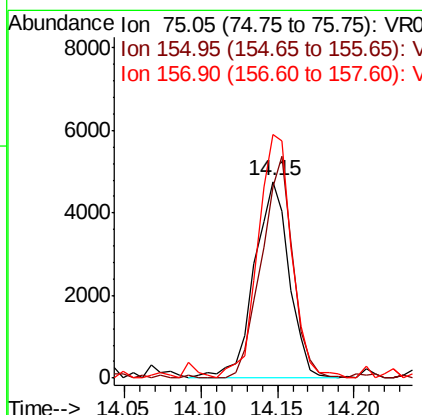
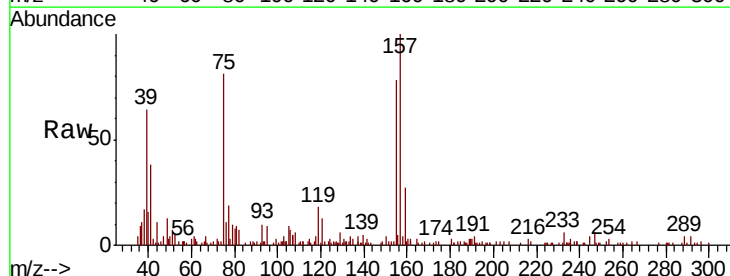
Instrument :
 MSVOA_R
 ClientSampled :

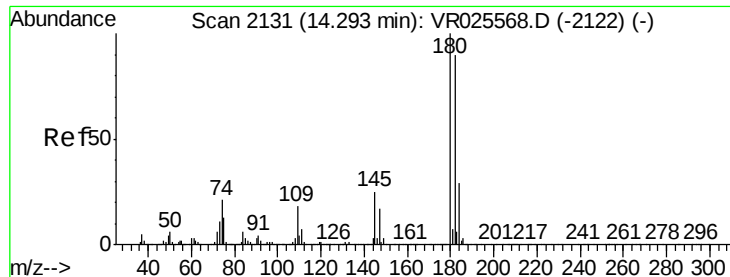
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.9	43.3
148	64.1	52.1	78.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.966 ug/L
 RT: 14.15 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	62.3	93.5#
157	123.7	67.7	101.5#

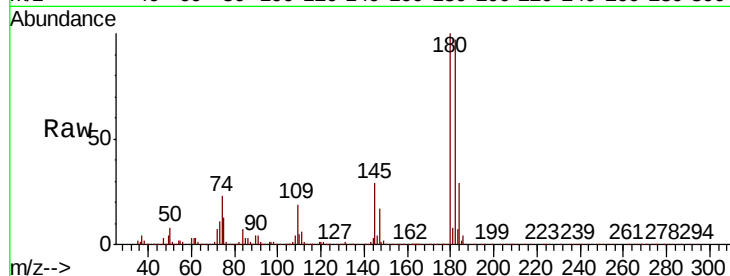




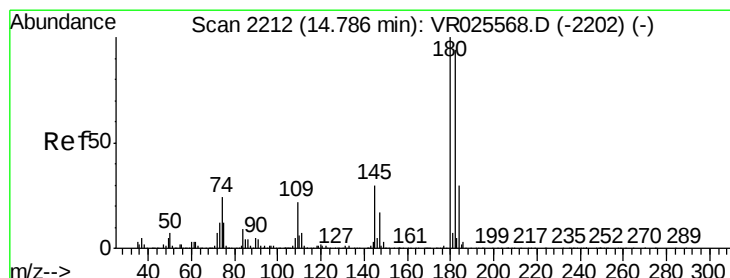
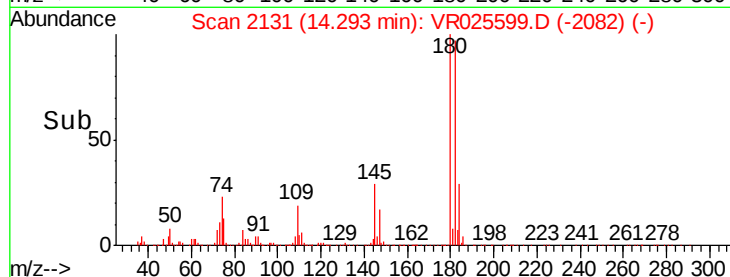
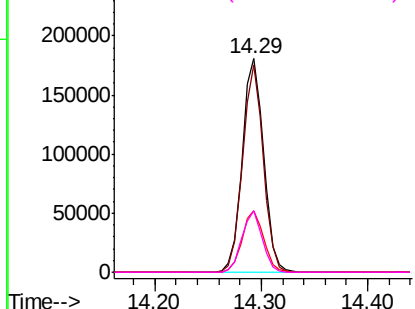
#67
 1,3,5-Trichlorobenzene
 Concen: 5.225 ug/L
 RT: 14.29 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Instrument :
 MSVOA_R
 ClientSampled :

Tgt Ion:	180	Resp:	255236
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.0	112.4
184	28.9	24.1	36.1
145	27.2	24.1	36.1

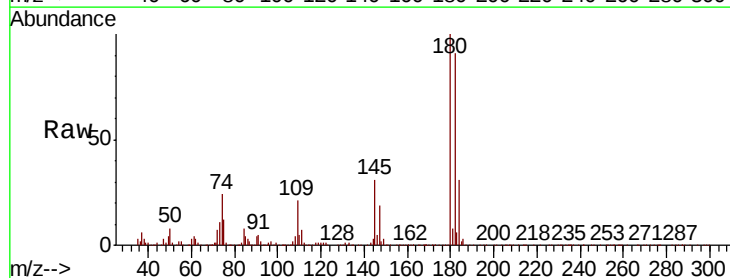


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

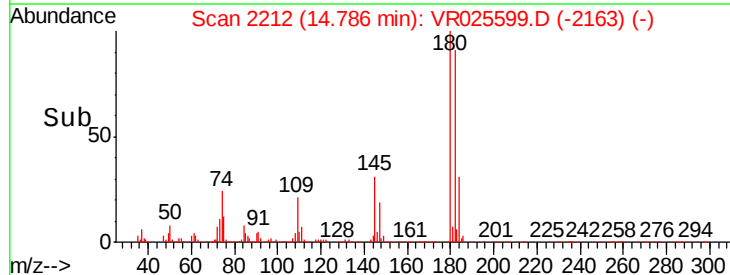
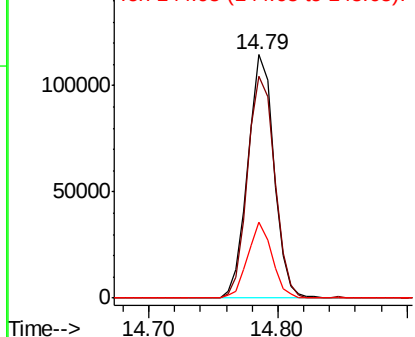


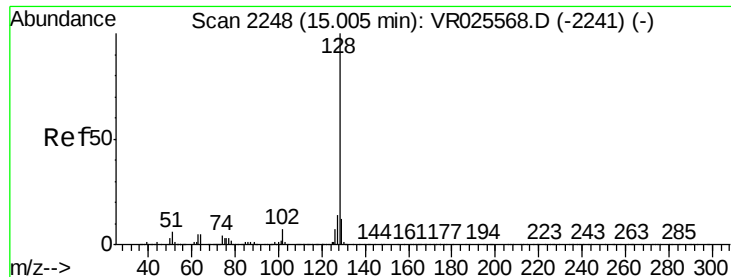
#68
 1,2,4-trichlorobenzene
 Concen: 5.091 ug/L
 RT: 14.79 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: VR025599.D
 Acq: 9 Aug 2018 9:18

Tgt Ion:	180	Resp:	159805
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	29.3	24.0	36.0



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: 4.610 ug/L

RT: 15.00 min Scan# 2248

Delta R.T. -0.00 min

Lab File: VR025599.D

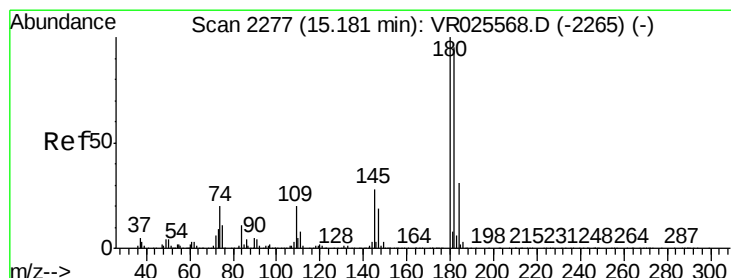
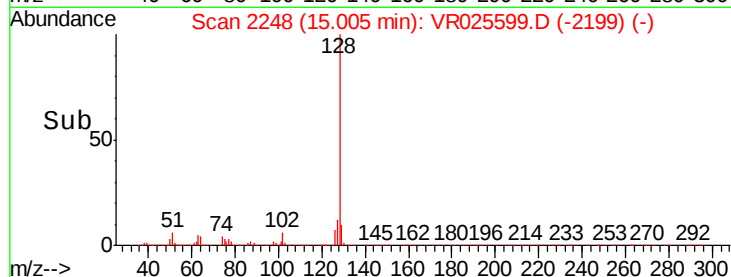
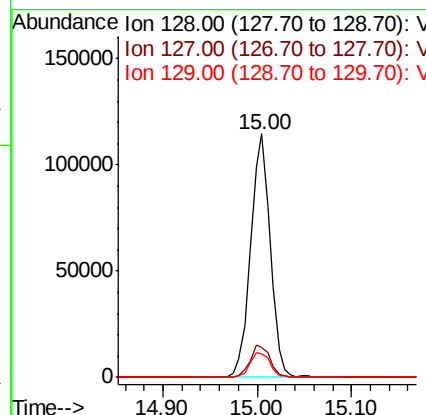
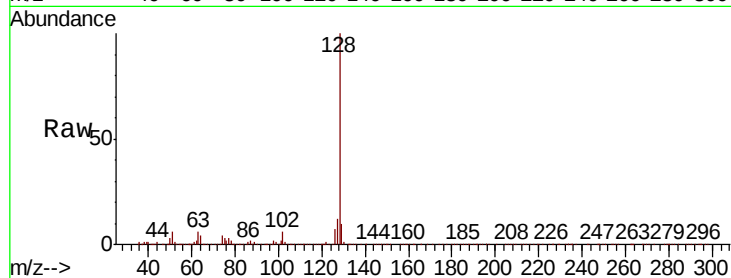
Acq: 9 Aug 2018 9:18

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:	128	Resp:	165304
Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.1	16.7
129	10.5	8.9	13.3



#70

1,2,3-Trichlorobenzene

Concen: 5.914 ug/L

RT: 15.18 min Scan# 2277

Delta R.T. -0.00 min

Lab File: VR025599.D

Acq: 9 Aug 2018 9:18

Tgt Ion:	180	Resp:	142774
Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.6	113.4
145	29.6	26.1	39.1

