

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092118\
 Data File : VR025816.D
 Acq On : 22 Sep 2018 00:11
 Operator : SY/MD
 Sample : J5030-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEY72

Quant Time: Sep 22 04:39:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 22 04:37:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	4558	5.00	ug/L	0.01
28) Chlorobenzene-d5	11.29	117	5303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	2629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	1351	4.14	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	2.63	69	642	2.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.00%#
11) 1,1-Dichloroethene-d2	3.60	63	600	0.76	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	15.20%#
20) 2-Butanone-d5	6.59	46	58851	1352.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	2705.22%#
24) Chloroform-d	7.20	84	4528	6.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.20%#
26) 1,2-Dichloroethane-d4	7.90	65	9640	32.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	653.20%#
32) Benzene-d6	7.85	84	6582	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
36) 1,2-Dichloropropane-d6	8.90	67	4754	8.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	177.00%#
41) Toluene-d8	9.98	98	5054	2.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.00%#
43) trans-1,3-Dichloropropene-	10.23	79	2273	15.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	305.80%#
46) 2-Hexanone-d5	10.59	63	28466	573.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	1147.36%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	8070	39.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	789.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	2667	5.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	70	0.147	ug/L 97
3) Chloromethane	2.01	50	2586	5.004	ug/L 94
5) Vinyl chloride	2.07	62	210	0.429	ug/L 85
6) Bromomethane	2.70	94	46	0.165	ug/L 88
8) Chloroethane	2.50	64	85	0.306	ug/L 89
9) Trichlorofluoromethane	2.76	101	85	0.140	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	183	0.495	ug/L # 85
12) 1,1-Dichloroethene	3.62	96	253	0.643	ug/L # 37
13) Acetone	3.70	43	12892	449.027	ug/L 86
14) Carbon disulfide	3.91	76	207	0.187	ug/L # 1
15) Methyl Acetate	4.19	43	266	2.888	ug/L # 23
16) Methylene chloride	4.40	84	12565	35.543	ug/L 94
17) Methyl tert-butyl Ether	4.89	73	154	0.224	ug/L # 1
18) trans-1,2-Dichloroethene	5.04	96	76	0.171	ug/L 74
19) 1,1-Dichloroethane	5.68	63	117	0.129	ug/L # 13
21) 2-Butanone	6.69	43	1596	26.672	ug/L 80
22) cis-1,2-Dichloroethene	6.66	96	370	0.826	ug/L # 65

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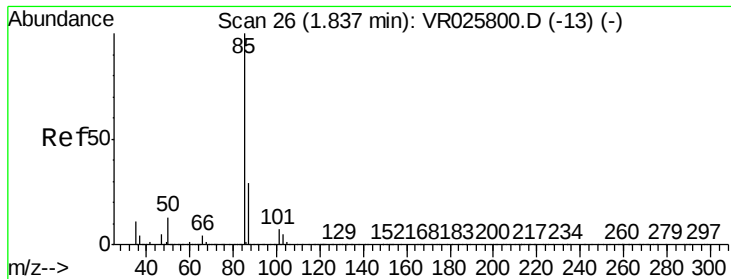
Instrument :
 MSVOA_R
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.03	128	200	1.694	ug/L #	28
27) 1,2-Dichloroethane	7.99	62	1133	2.621	ug/L #	68
29) 1,1,1-Trichloroethane	7.63	97	141	0.132	ug/L	93
30) Cyclohexane	7.51	56	223	0.175	ug/L #	1
31) Carbon tetrachloride	7.49	117	224	0.254	ug/L	83
33) Benzene	7.91	78	785	0.282	ug/L	100
34) Trichloroethene	8.70	95	338	0.457	ug/L #	40
35) Methylcyclohexane	8.95	83	741	0.612	ug/L #	57
37) 1,2-Dichloropropane	9.00	63	221	0.356	ug/L #	1
38) Bromodichloromethane	9.29	83	415	0.606	ug/L #	96
39) cis-1,3-Dichloropropene	9.69	75	309	0.407	ug/L #	44
40) 4-Methyl-2-pentanone	9.86	43	1168	5.405	ug/L #	81
44) trans-1,3-Dichloropropene	10.29	75	94	0.179	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	603	2.317	ug/L #	44
47) Tetrachloroethene	10.51	164	357	0.845	ug/L #	44
48) 2-Hexanone	10.59	43	4349	30.602	ug/L #	74
49) Dibromochloromethane	10.62	129	53	0.195	ug/L	91
50) 1,2-Dibromoethane	10.89	107	619	2.703	ug/L #	87
51) Chlorobenzene	11.31	112	755	0.507	ug/L	97
52) Ethylbenzene	11.38	91	1169	0.358	ug/L #	45
53) m,p-Xylene	11.58	106	146	0.124	ug/L	98
54) o-Xylene	11.58	106	146	0.135	ug/L	94
55) Styrene	11.85	104	949	0.568	ug/L	87
58) 1,1,2,2-Tetrachloroethane	12.40	83	1282	5.020	ug/L #	62
59) 1,2,3-Trichloropropane	12.56	75	119	0.587	ug/L	96
61) Bromoform	12.01	173	144	1.174	ug/L #	6
62) 1,3-Dichlorobenzene	13.15	146	316	0.260	ug/L #	58
63) 1,4-Dichlorobenzene	13.24	146	734	0.625	ug/L #	56
65) 1,2-Dichlorobenzene	13.53	146	735	0.794	ug/L #	24
66) 1,2-Dibromo-3-chloropropan	14.13	75	91	2.149	ug/L #	64
67) 1,3,5-Trichlorobenzene	14.29	180	412	0.600	ug/L #	86
68) 1,2,4-trichlorobenzene	14.78	180	568	1.301	ug/L #	67
69) Naphthalene	15.00	128	1331	2.095	ug/L #	86
70) 1,2,3-Trichlorobenzene	15.20	180	479	1.544	ug/L	88

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



#2

Dichlorodifluoromethane

Concen: 0.147 ug/L

RT: 1.99 min Scan# 51

Delta R.T. 0.16 min

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Instrument :

MSVOA_R

ClientSampled :

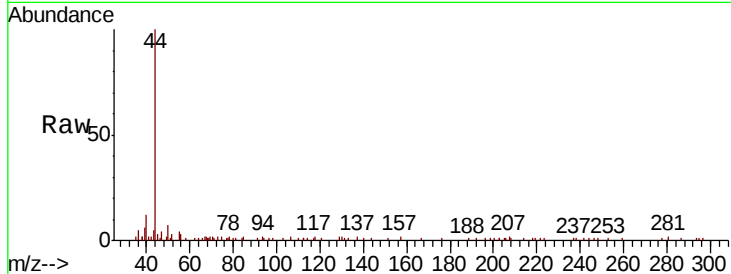
BEY72

Tgt Ion: 85 Resp: 70

Ion Ratio Lower Upper

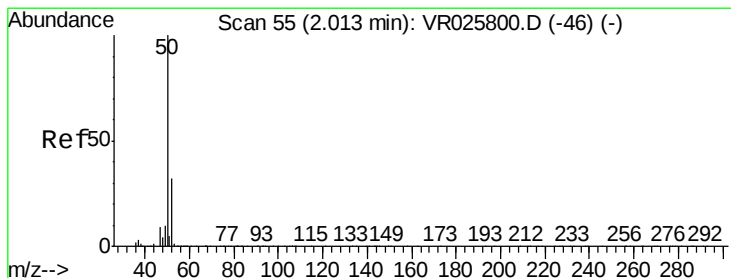
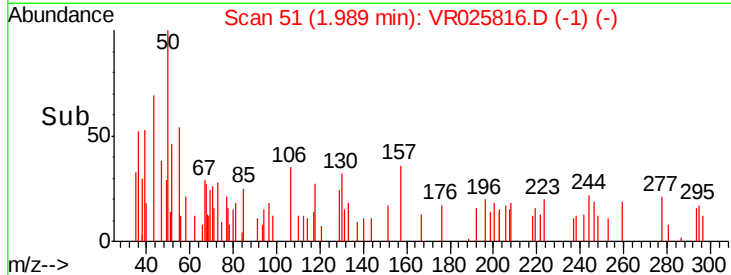
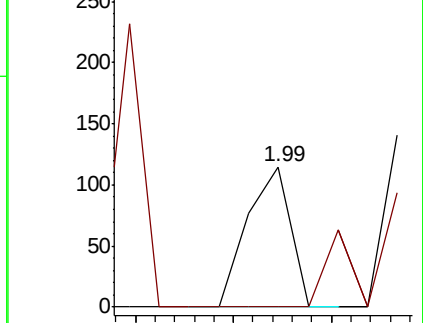
85 100

87 32.9 25.1 37.7



Abundance Ion 85.00 (84.70 to 85.70): VR0

Ion 87.00 (86.70 to 87.70): VR0



#3

Chloromethane

Concen: 5.004 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.00 min

Lab File: VR025816.D

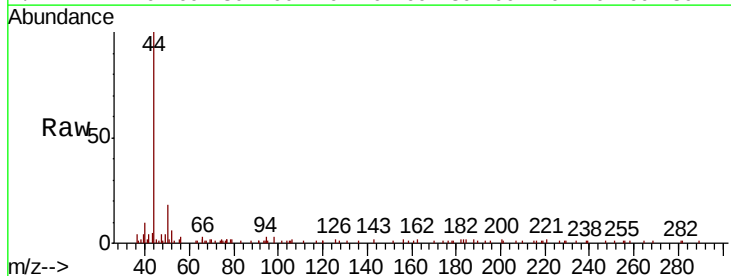
Acq: 22 Sep 2018 00:11

Tgt Ion: 50 Resp: 2586

Ion Ratio Lower Upper

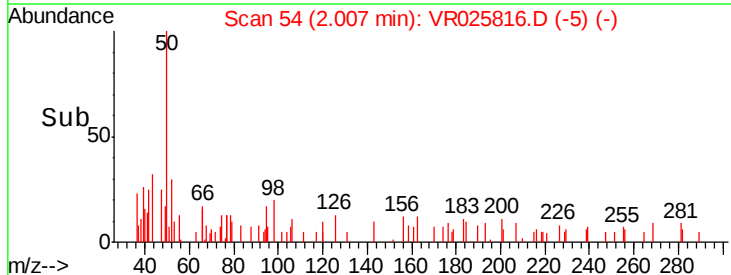
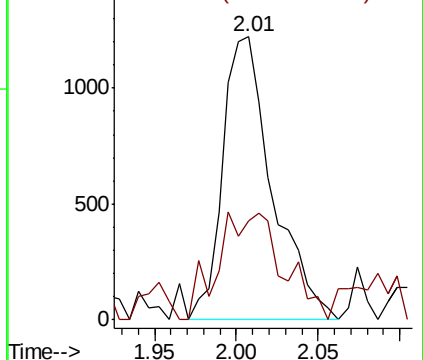
50 100

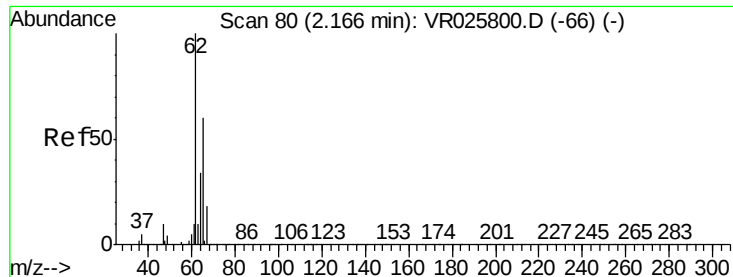
52 35.0 22.1 41.1



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0





#5

Vinyl chloride

Concen: 0.429 ug/L

RT: 2.07 min Scan# 65

Delta R.T. -0.09 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampleId :

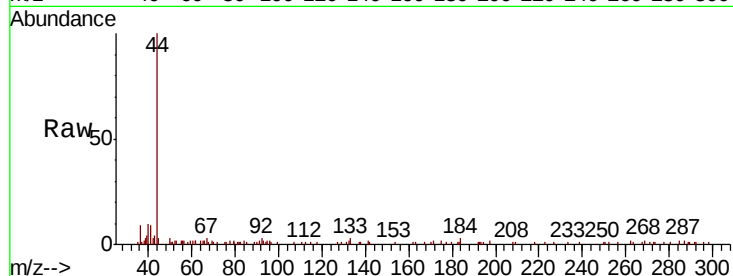
BEY72

Tgt Ion: 62 Resp: 210

Ion Ratio Lower Upper

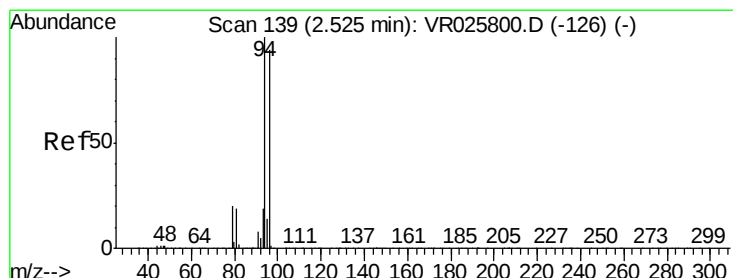
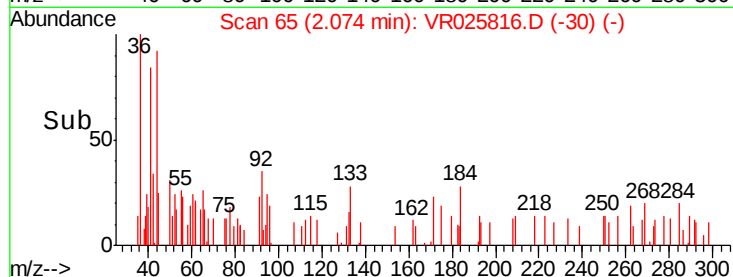
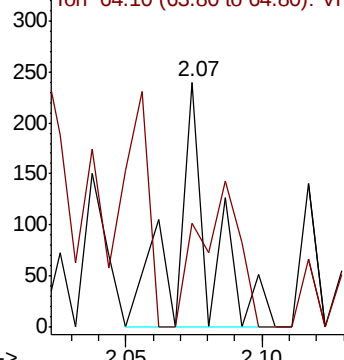
62 100

64 42.1 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#6

Bromomethane

Concen: 0.165 ug/L

RT: 2.70 min Scan# 168

Delta R.T. 0.18 min

Lab File: VR025816.D

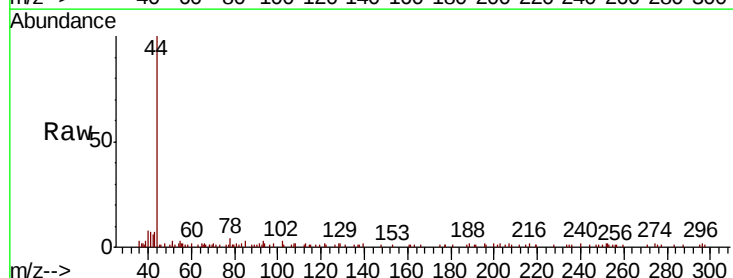
Acq: 22 Sep 2018 00:11

Tgt Ion: 94 Resp: 46

Ion Ratio Lower Upper

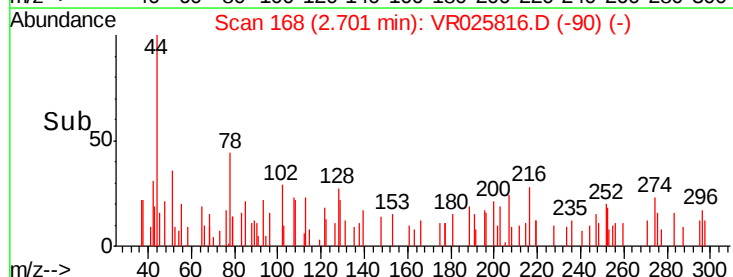
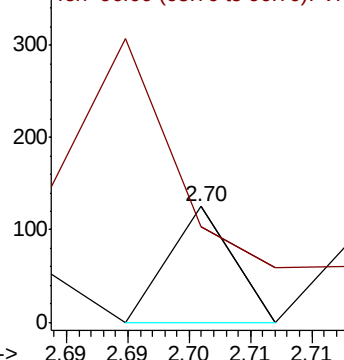
94 100

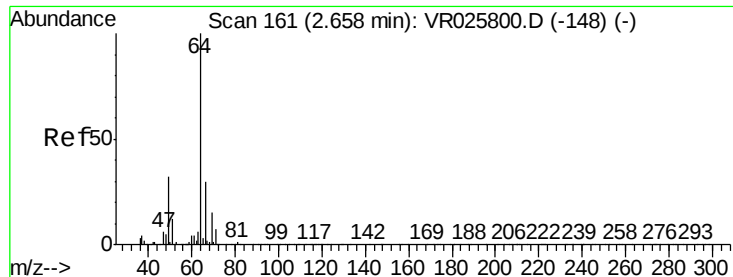
96 83.2 66.1 122.8



Abundance Ion 94.00 (93.70 to 94.70): VR0

Ion 96.00 (95.70 to 96.70): VR0

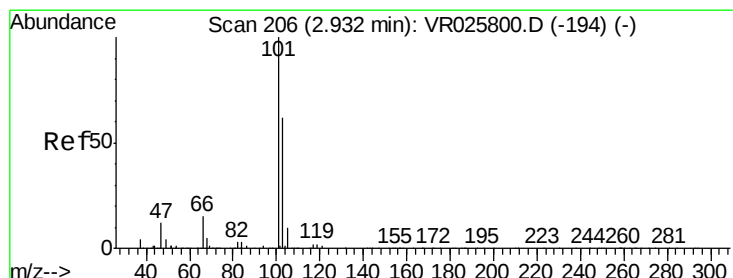
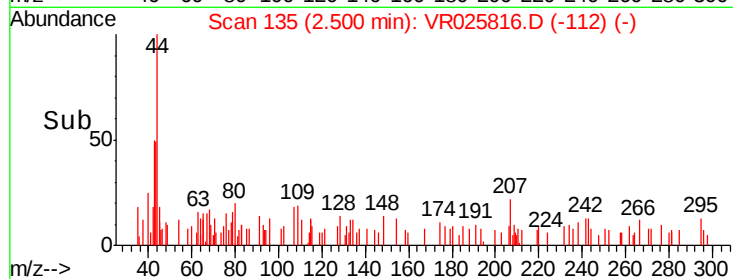
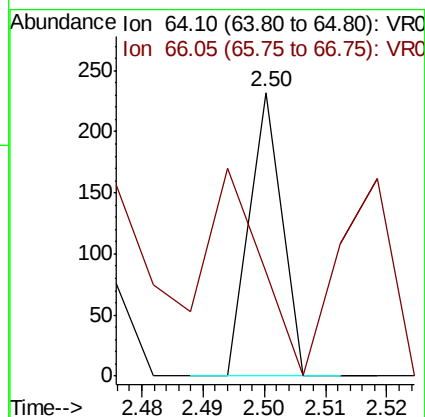
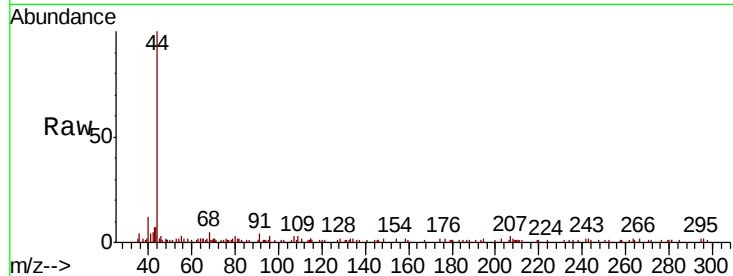




#8
Chloroethane
Concen: 0.306 ug/L
RT: 2.50 min Scan# 135
Delta R.T. -0.16 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

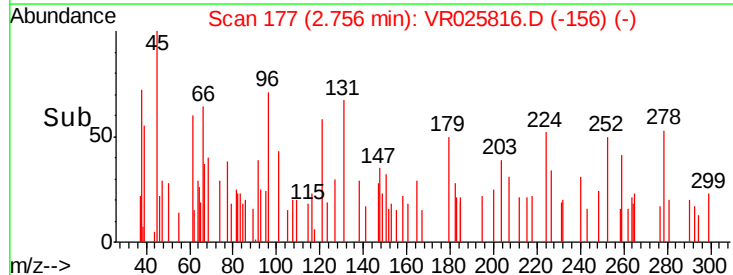
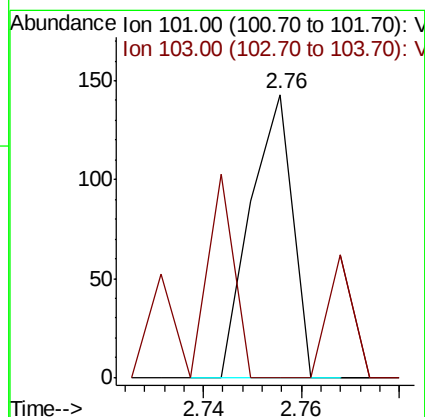
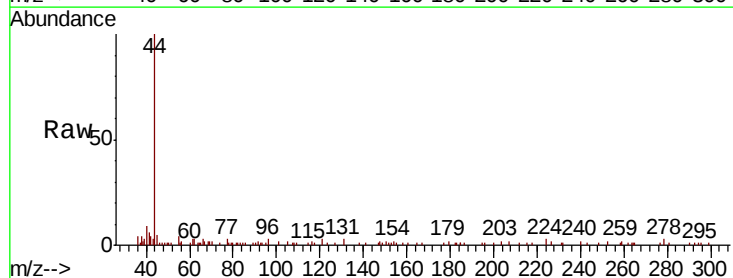
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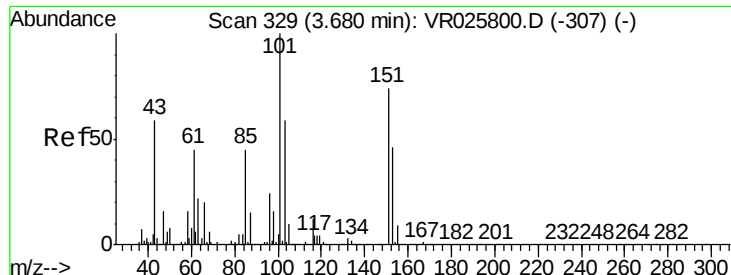
Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 36.6 21.3 39.5



#9
Trichlorofluoromethane
Concen: 0.140 ug/L
RT: 2.76 min Scan# 177
Delta R.T. -0.17 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 101 Resp: 85
Ion Ratio Lower Upper
101 100
103 27.1 22.1 33.1





#10

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

Concen: 0.495 ug/L

RT: 3.69 min Scan# 330

Delta R.T. 0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

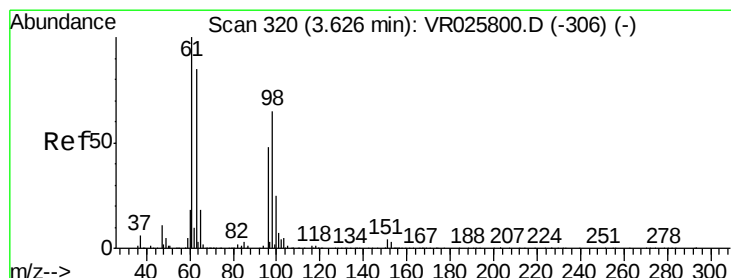
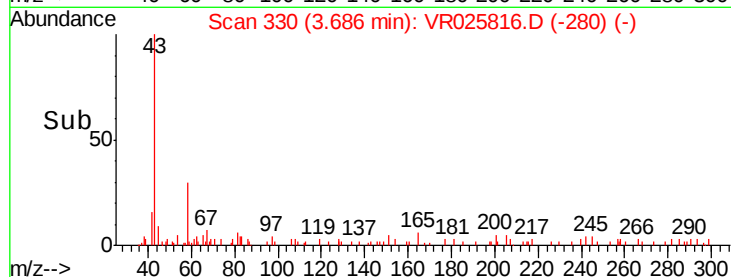
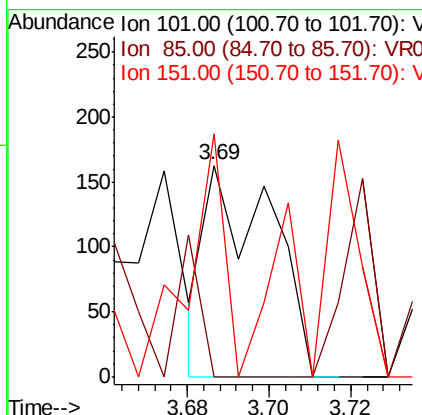
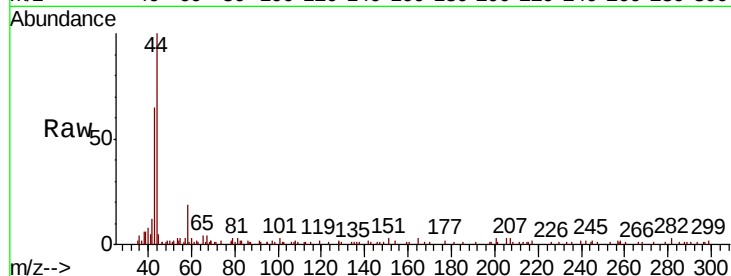
Instrument :

MSVOA_R

ClientSampleId :

BEY72

Tgt Ion:	101	Resp:	183
Ion	Ratio	Lower	Upper
101	100		
85	21.9	38.2	57.4#
151	73.2	58.4	87.6



#12

1,1-Dichloroethene

Concen: 0.643 ug/L

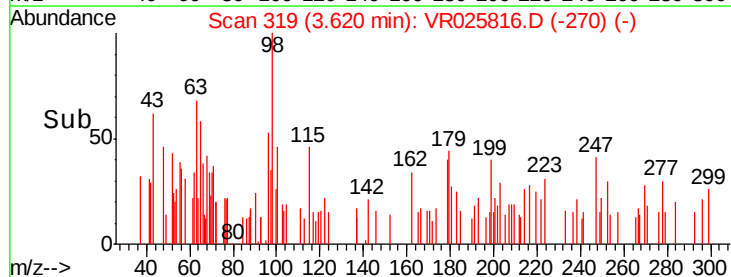
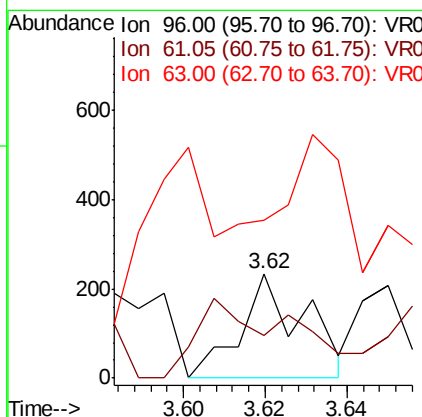
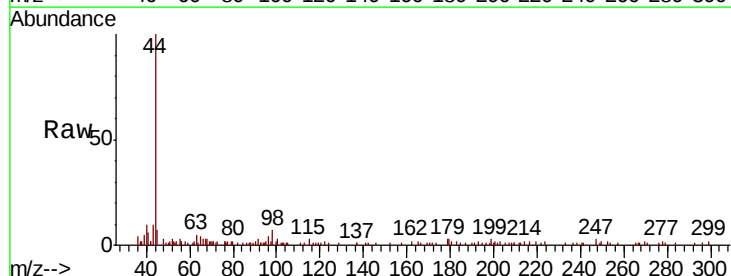
RT: 3.62 min Scan# 319

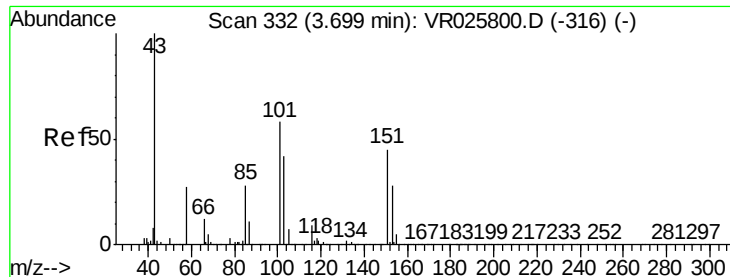
Delta R.T. 0.00 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Tgt Ion:	96	Resp:	253
Ion	Ratio	Lower	Upper
96	100		
61	40.6	145.0	269.4#
63	191.9	123.8	230.0





#13

Acetone

Concen: 449.027 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

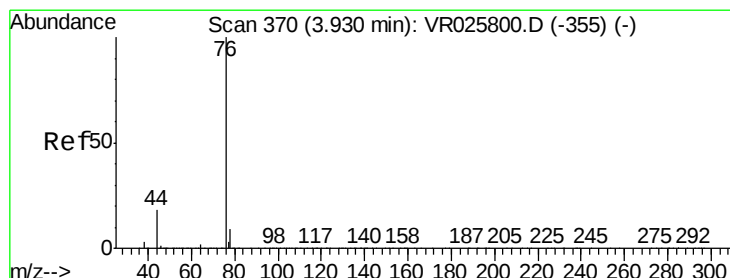
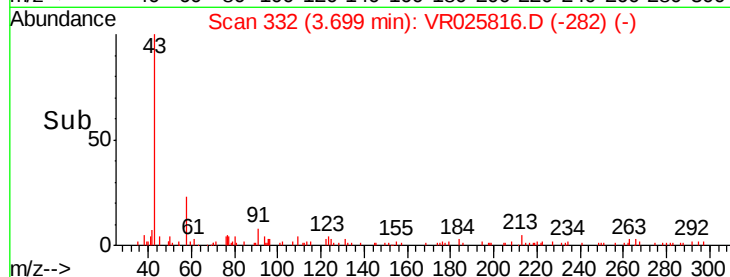
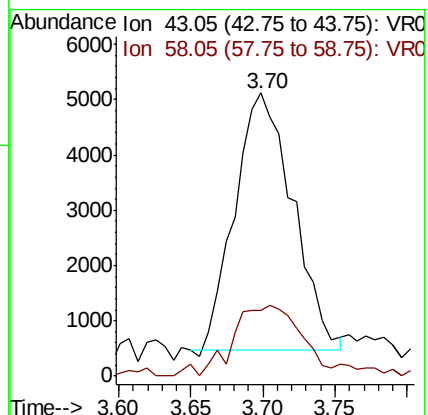
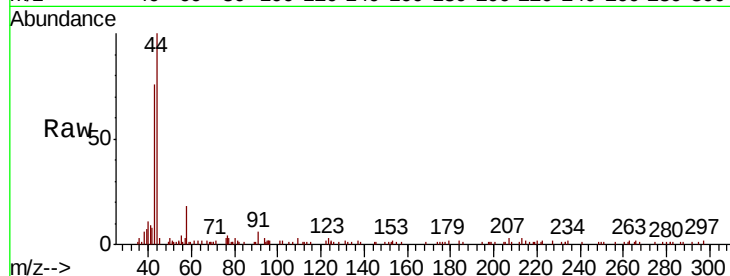
Instrument :
MSVOA_R
ClientSampleId :
BEY72

Tgt Ion: 43 Resp: 12892

Ion Ratio Lower Upper

43 100

58 32.7 0.0 51.4



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 3.91 min Scan# 366

Delta R.T. -0.02 min

Lab File: VR025816.D

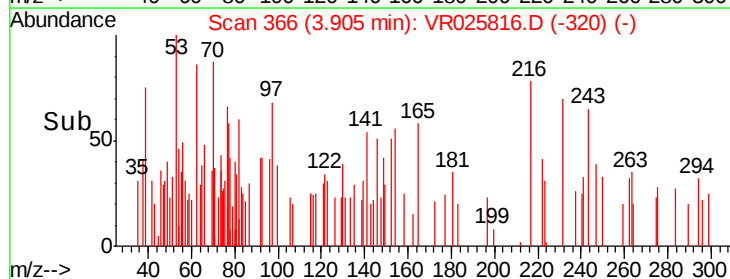
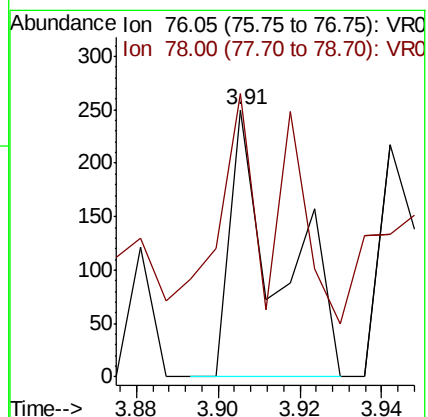
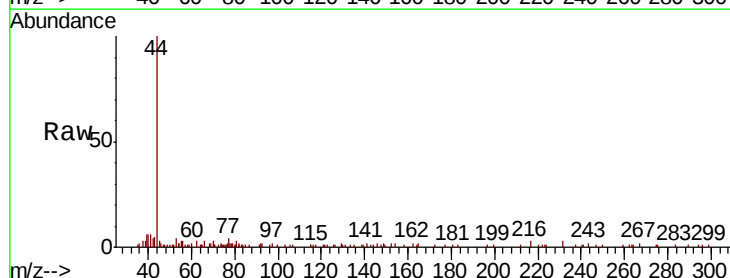
Acq: 22 Sep 2018 00:11

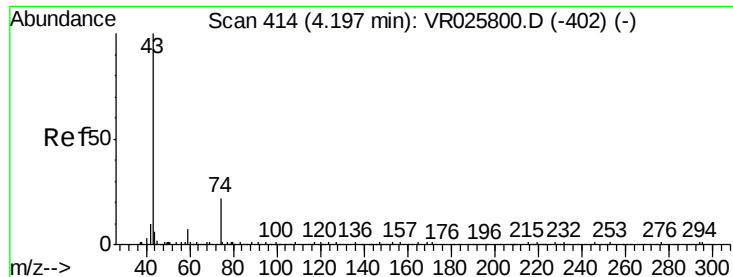
Tgt Ion: 76 Resp: 207

Ion Ratio Lower Upper

76 100

78 106.0 7.0 10.6#

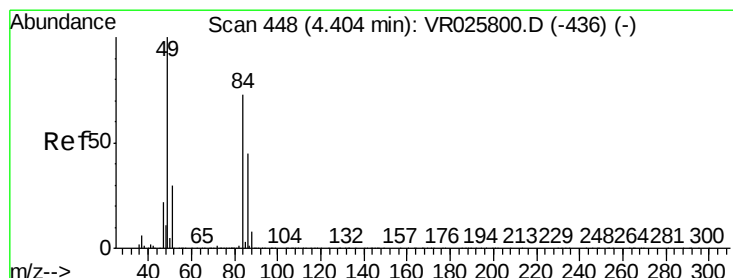
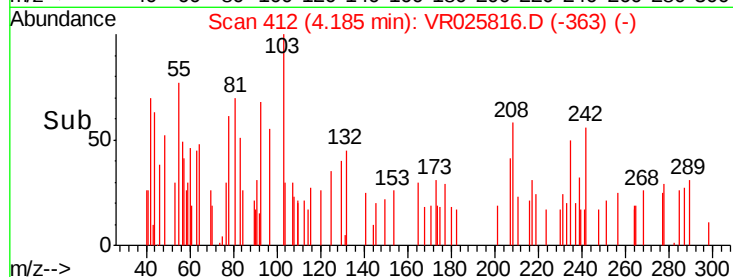
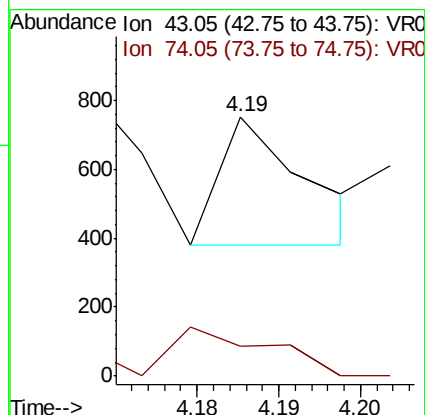
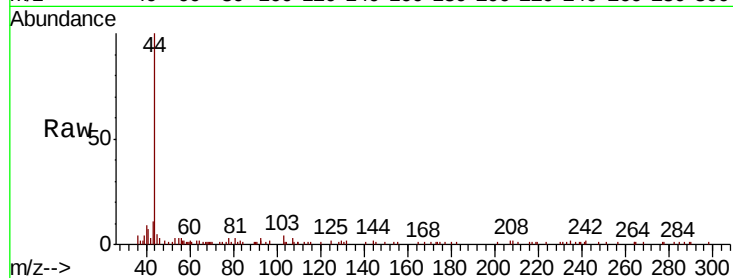




#15
Methyl Acetate
Concen: 2.888 ug/L
RT: 4.19 min Scan# 412
Delta R.T. 0.00 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

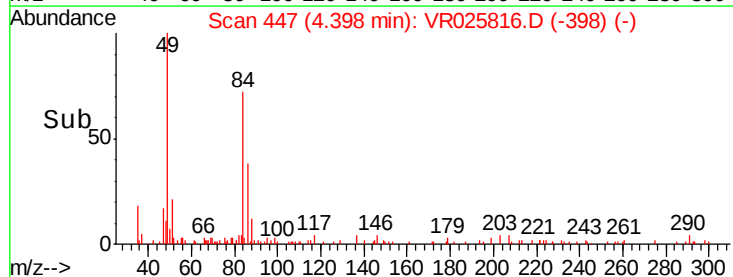
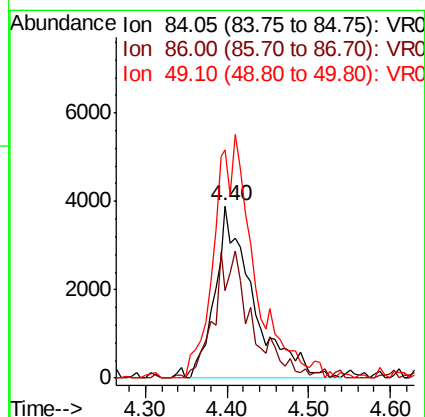
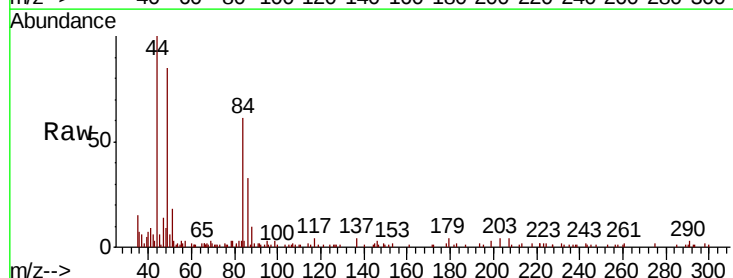
Instrument :
MSVOA_R
ClientSampled :
BEY72

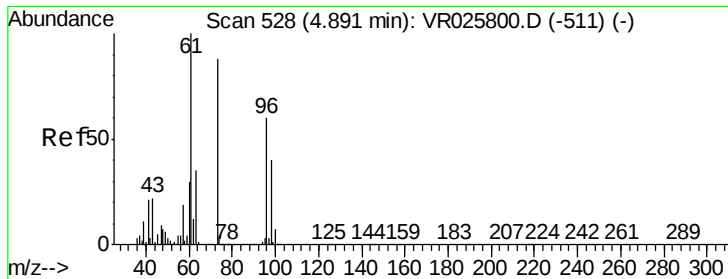
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 61.7 19.0 28.4#



#16
Methylene chloride
Concen: 35.543 ug/L
RT: 4.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 84 Resp: 12565
Ion Ratio Lower Upper
84 100
86 51.0 43.1 80.1
49 132.9 95.5 177.3

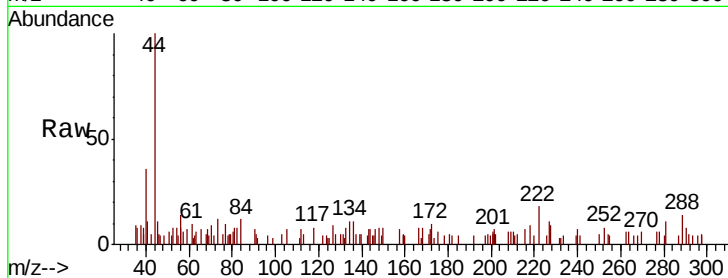




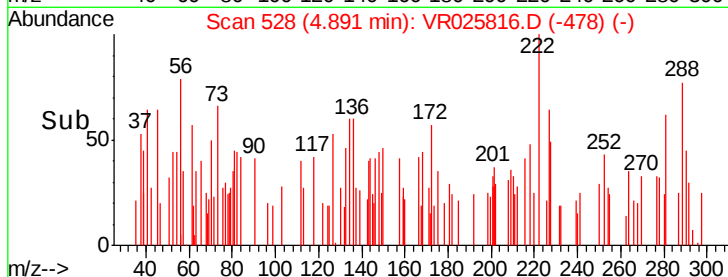
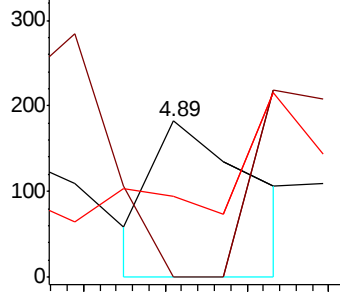
#17
Methyl tert-butyl Ether
Concen: 0.224 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Instrument :
MSVOA_R
ClientSampled :
BEY72

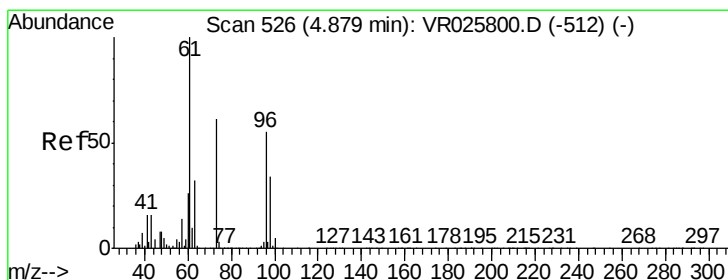
Tgt Ion: 73 Resp: 154
Ion Ratio Lower Upper
73 100
43 166.9 19.8 29.8#
57 187.0 17.9 26.9#



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

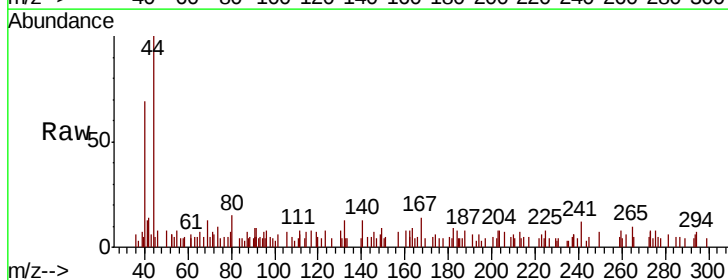


Time-->

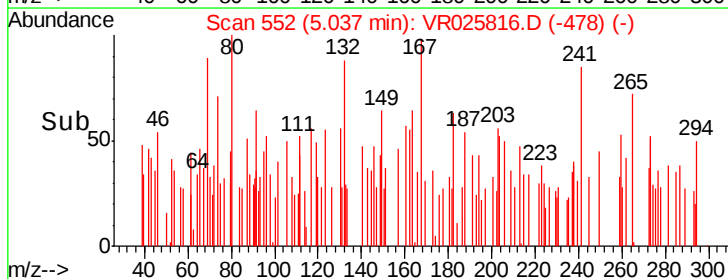
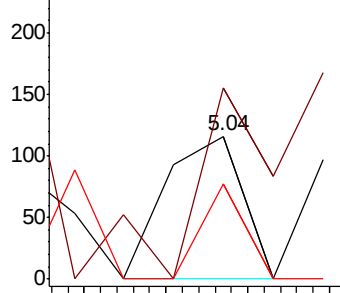


#18
trans-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 5.04 min Scan# 552
Delta R.T. 0.15 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

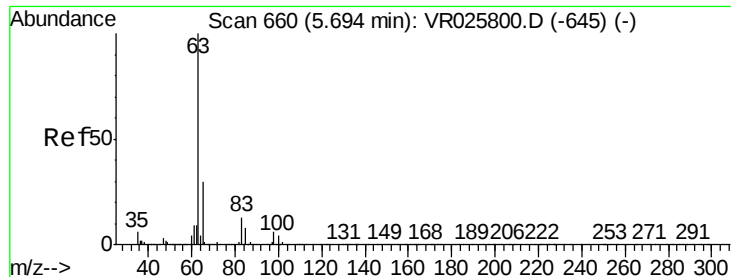
Tgt Ion: 96 Resp: 76
Ion Ratio Lower Upper
96 100
61 133.6 127.4 236.6
98 66.4 43.8 81.3



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



Time-->



#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 5.68 min Scan# 657

Delta R.T. -0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

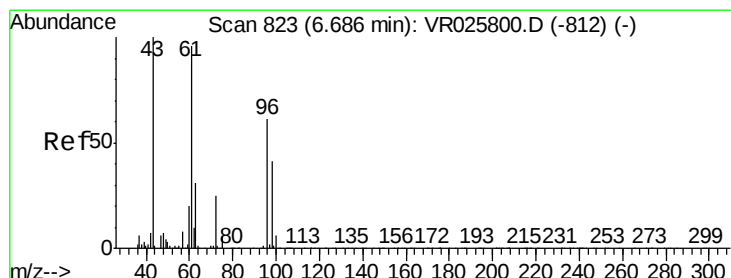
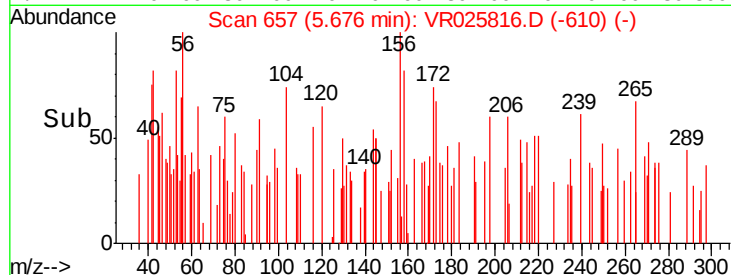
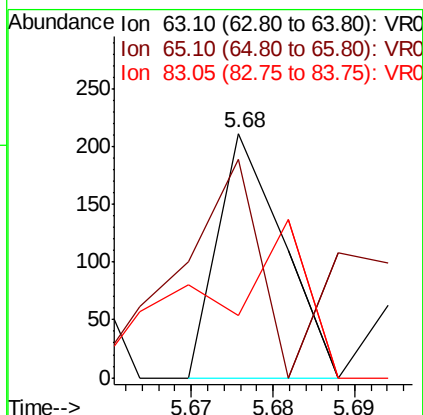
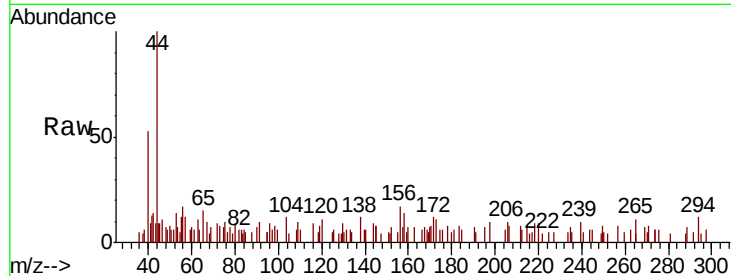
Instrument :

MSVOA_R

ClientSampled :

BEY72

Tgt Ion:	63	Resp:	117
Ion	Ratio	Lower	Upper
63	100		
65	89.6	21.1	39.1#
83	25.6	8.9	16.5#



#21

2-Butanone

Concen: 26.672 ug/L

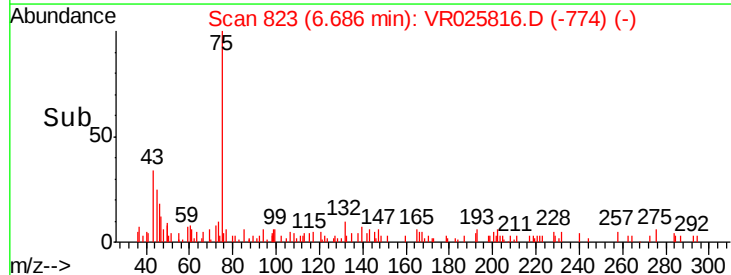
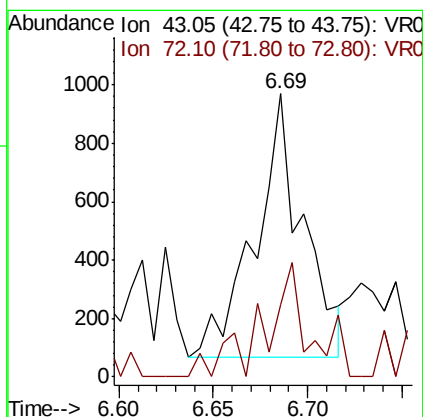
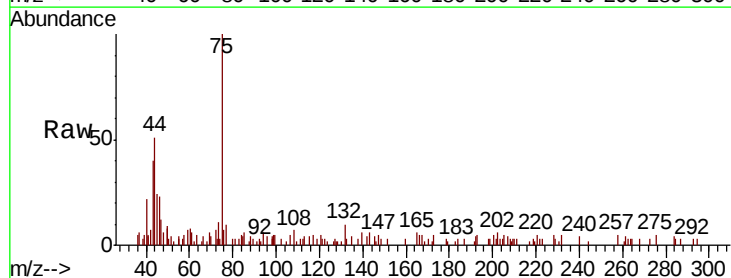
RT: 6.69 min Scan# 823

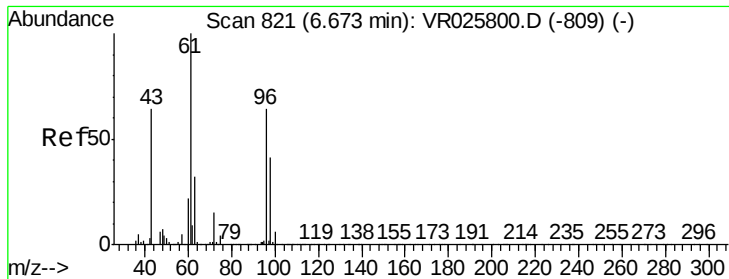
Delta R.T. 0.00 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Tgt Ion:	43	Resp:	1596
Ion	Ratio	Lower	Upper
43	100		
72	33.5	11.9	35.7



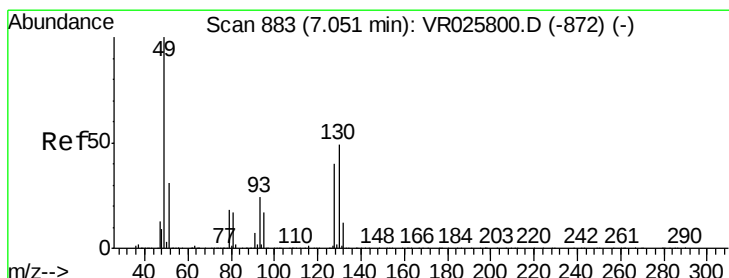
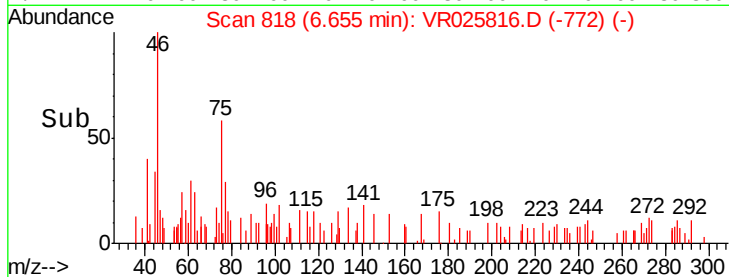
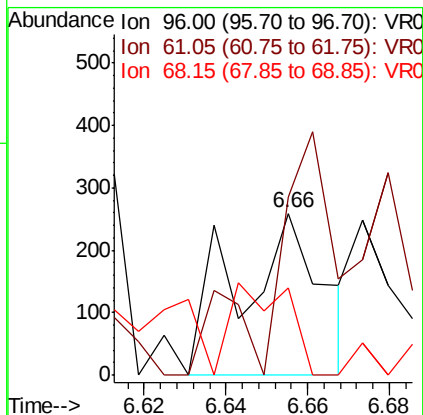
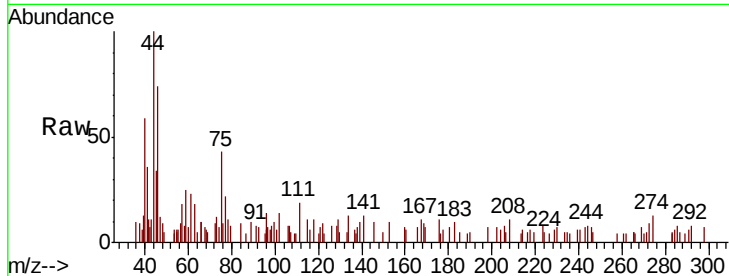


#22

cis-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 6.66 min Scan# 818
Delta R.T. -0.02 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Instrument :
MSVOA_R
ClientSampled :
BEY72

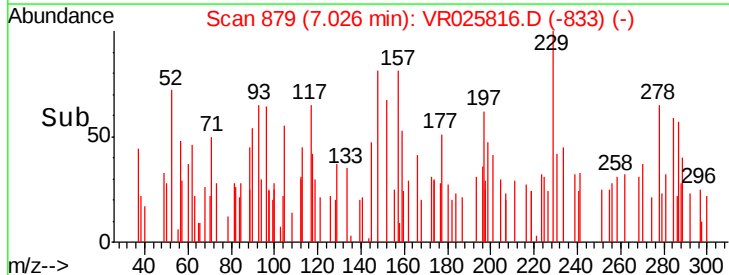
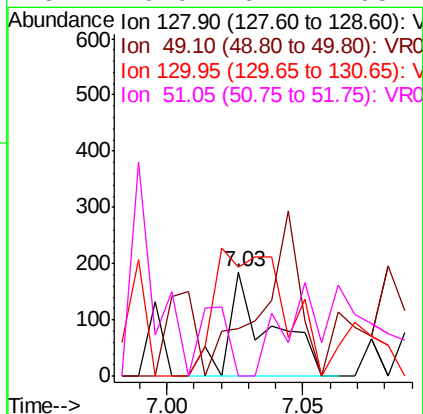
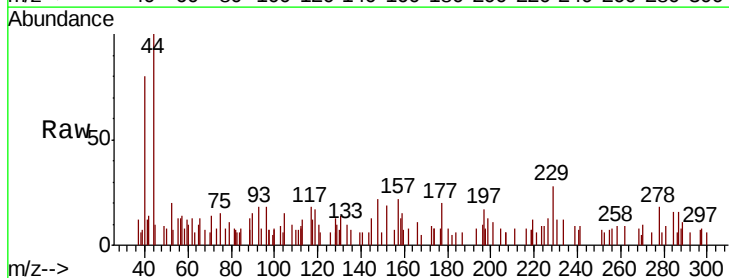
Tgt Ion: 96 Resp: 370
Ion Ratio Lower Upper
96 100
61 110.4 108.7 201.9
68 54.1 0.1 0.1#

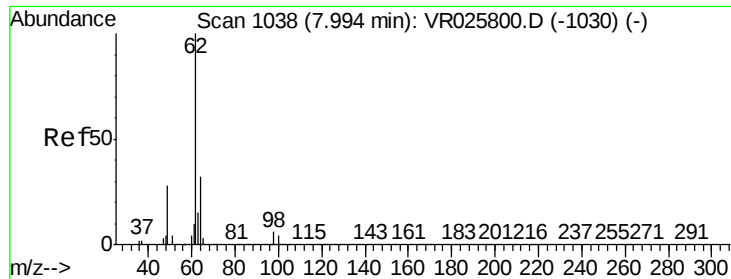


#23

Bromochloromethane
Concen: 1.694 ug/L
RT: 7.03 min Scan# 879
Delta R.T. -0.02 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 128 Resp: 200
Ion Ratio Lower Upper
128 100
49 84.9 175.0 325.0#
130 105.4 85.6 159.0
51 0.0 62.2 93.2#

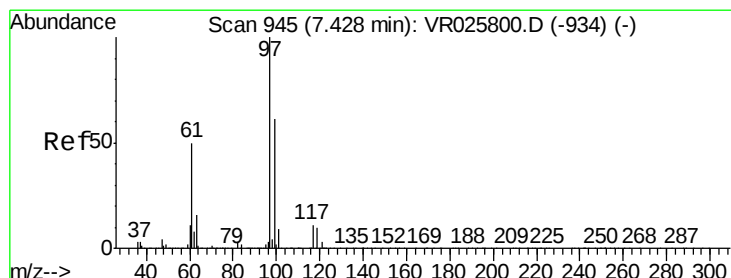
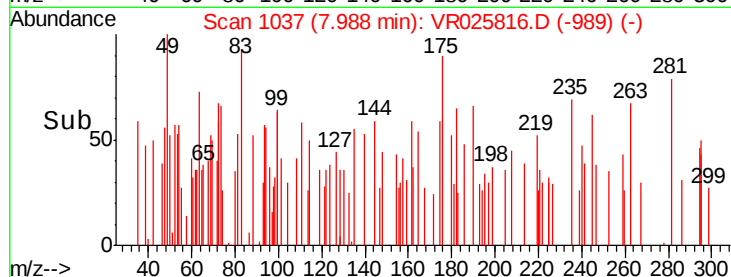
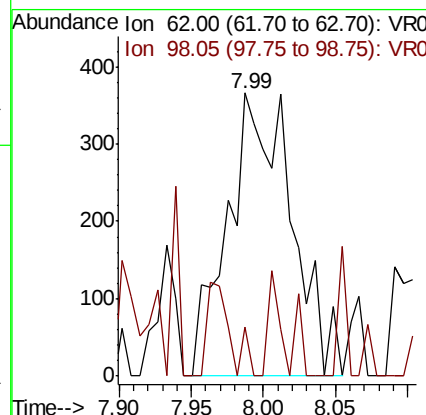
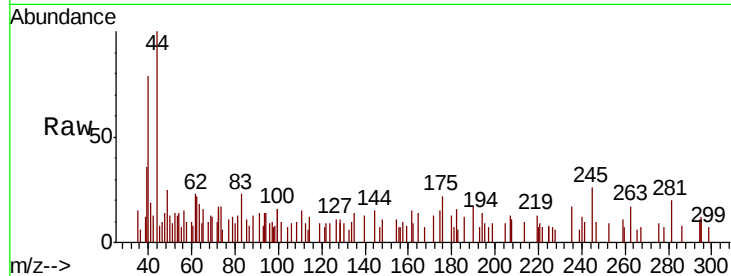




#27
 1,2-Dichloroethane
 Concen: 2.621 ug/L
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

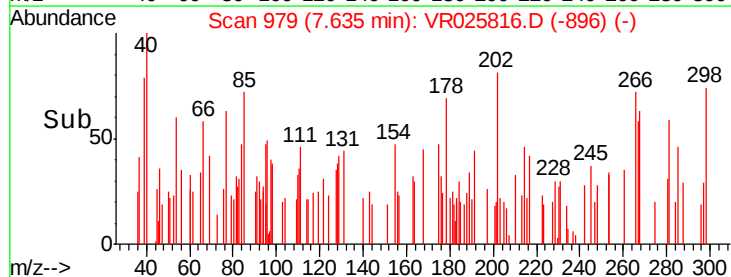
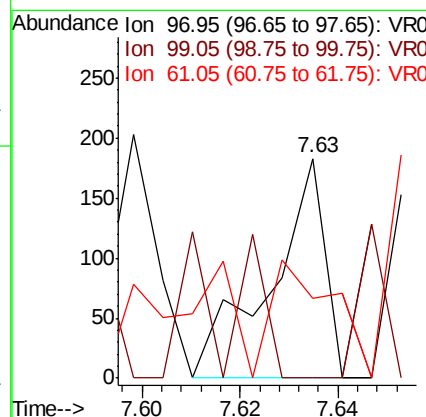
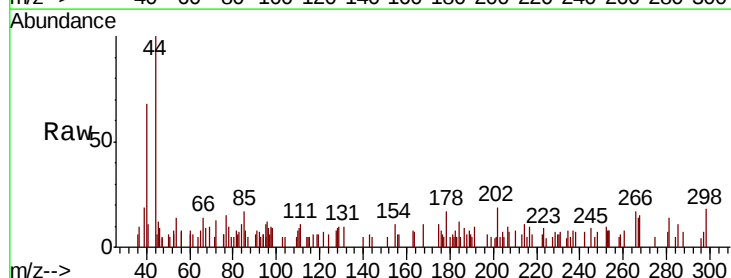
Instrument :
 MSVOA_R
 ClientSampleID :
 BEY72

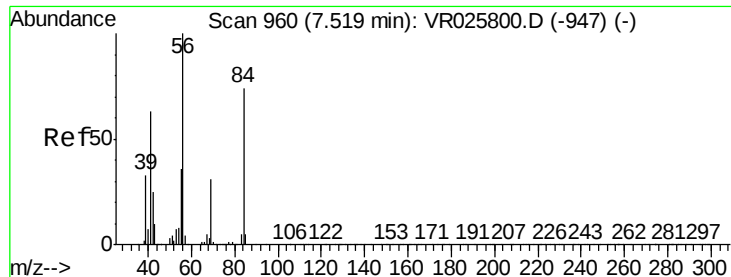
Tgt Ion: 62 Resp: 1133
 Ion Ratio Lower Upper
 62 100
 98 17.5 5.2 7.8#



#29
 1,1,1-Trichloroethane
 Concen: 0.132 ug/L
 RT: 7.63 min Scan# 979
 Delta R.T. 0.21 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

Tgt Ion: 97 Resp: 141
 Ion Ratio Lower Upper
 97 100
 99 62.4 51.0 76.6
 61 61.0 41.6 62.4

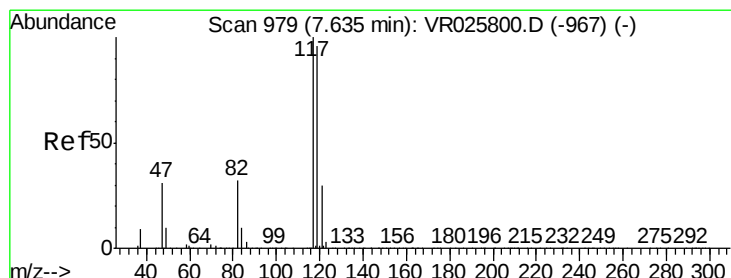
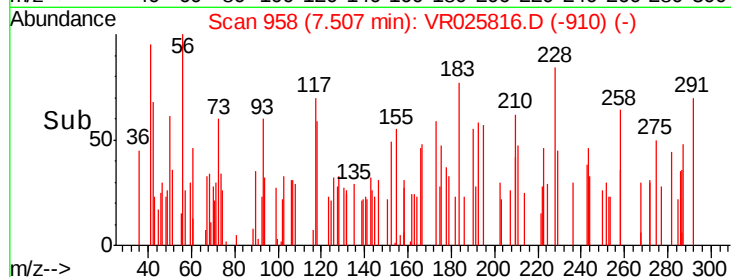
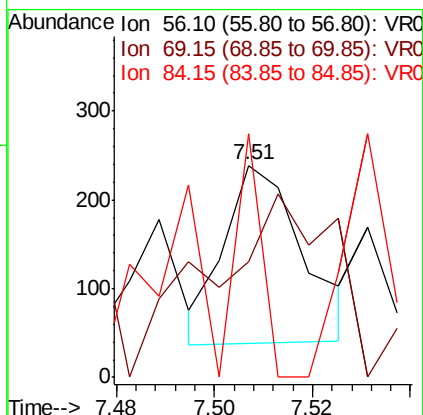
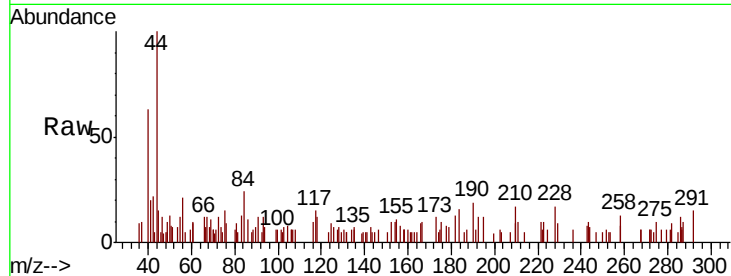




#30
Cyclohexane
Concen: 0.175 ug/L
RT: 7.51 min Scan# 958
Delta R.T. -0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

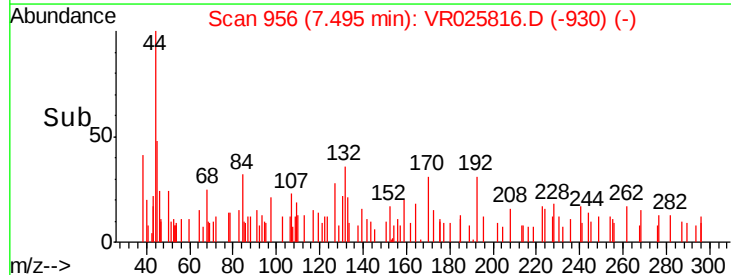
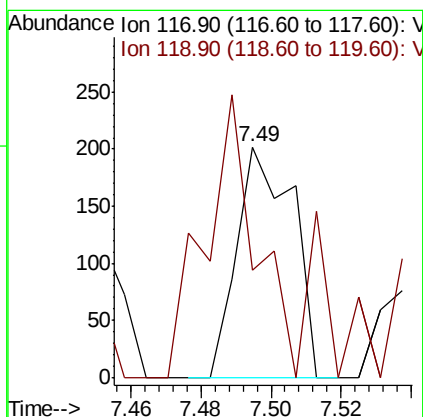
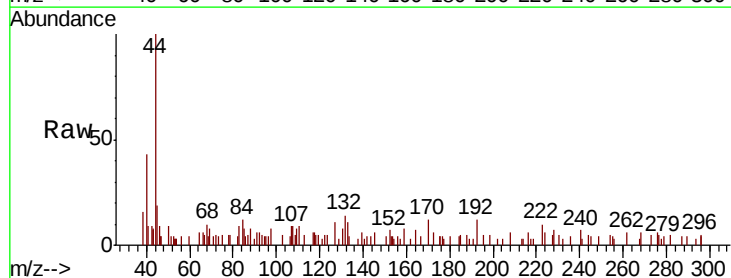
Instrument :
MSVOA_R
ClientSampleID :
BEY72

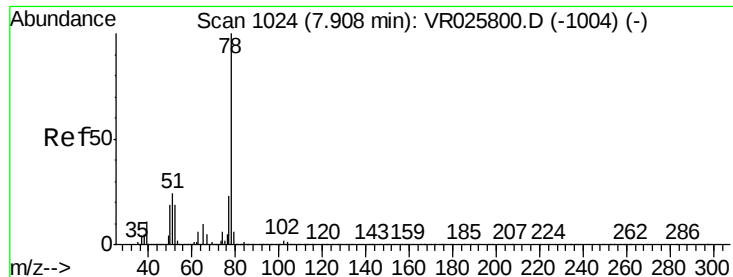
Tgt Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
69 170.4 24.8 37.2#
84 0.0 59.8 89.8#



#31
Carbon tetrachloride
Concen: 0.254 ug/L
RT: 7.49 min Scan# 956
Delta R.T. -0.14 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 117 Resp: 224
Ion Ratio Lower Upper
117 100
119 111.2 75.6 113.4





#33

Benzene

Concen: 0.282 ug/L

RT: 7.91 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

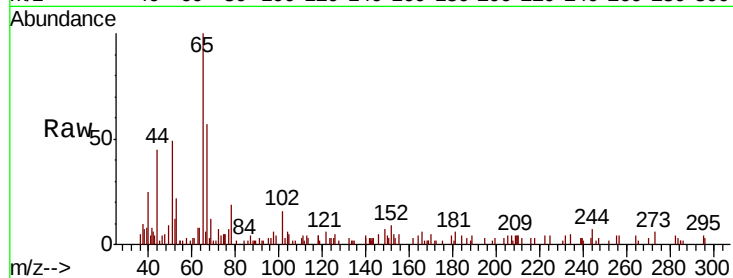
Instrument :

MSVOA_R

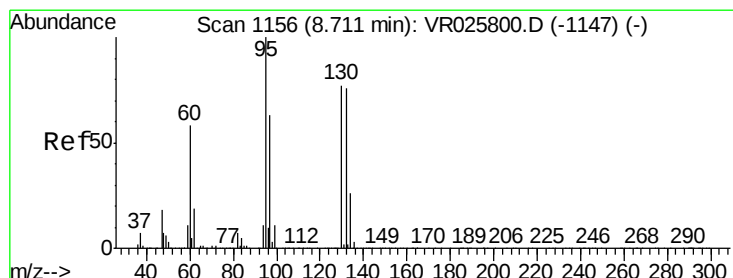
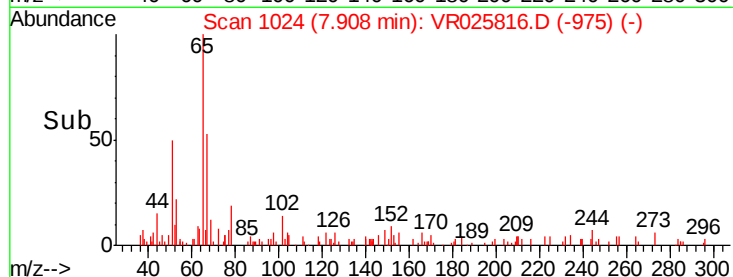
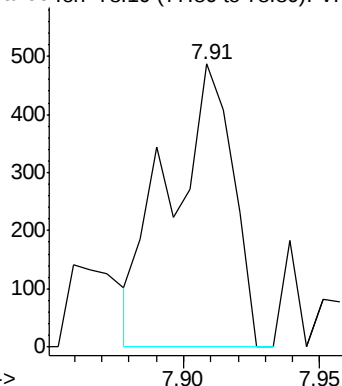
ClientSampleId :

BEY72

Tgt Ion: 78 Resp: 785



Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 0.457 ug/L

RT: 8.70 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Tgt Ion: 95 Resp: 338

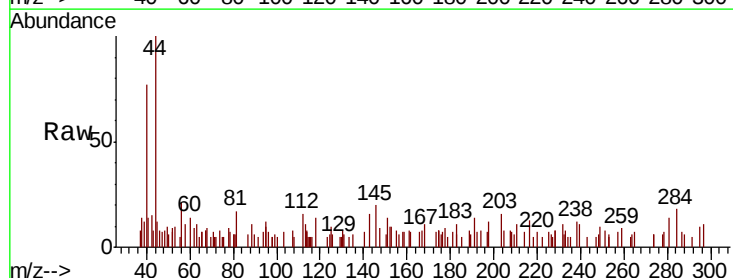
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 53.3 98.9#

130 64.9 53.8 99.8

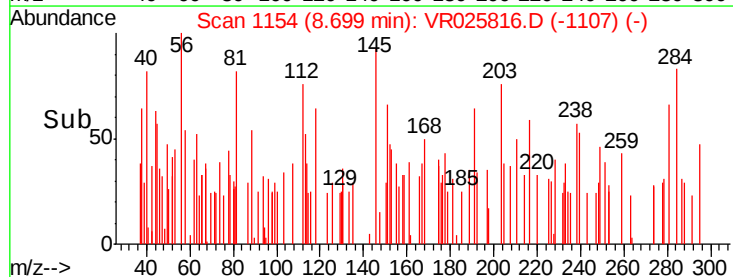
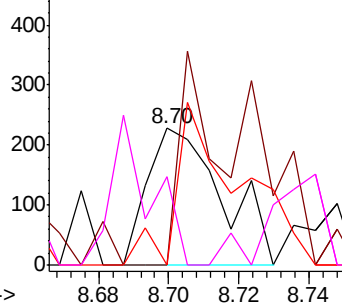


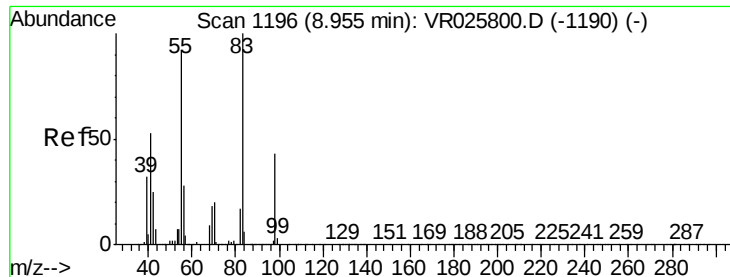
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

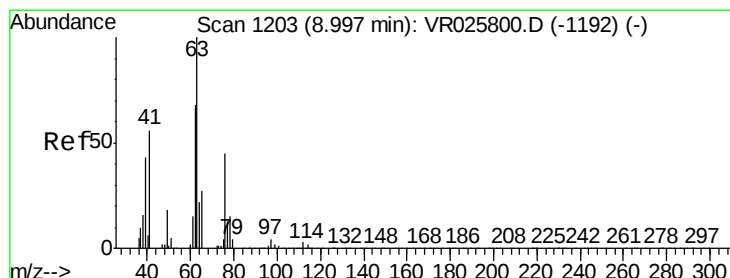
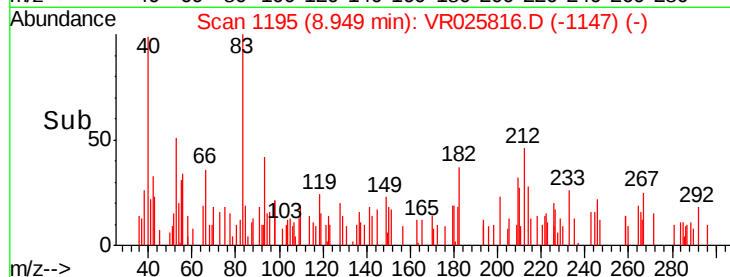
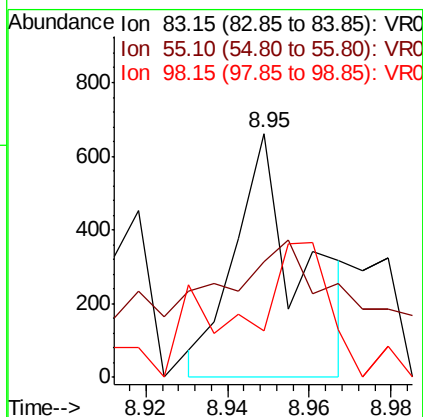
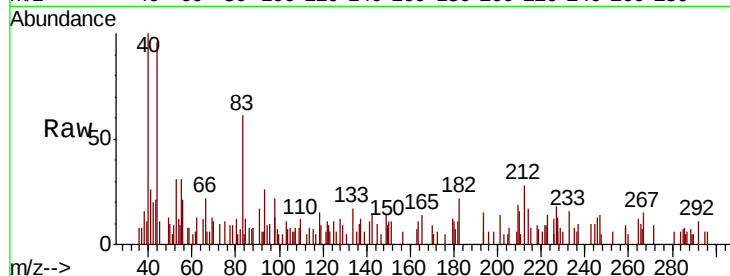




#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 8.95 min Scan# 1195
Delta R.T. -0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

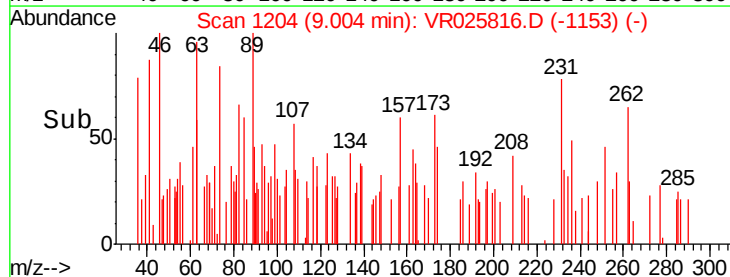
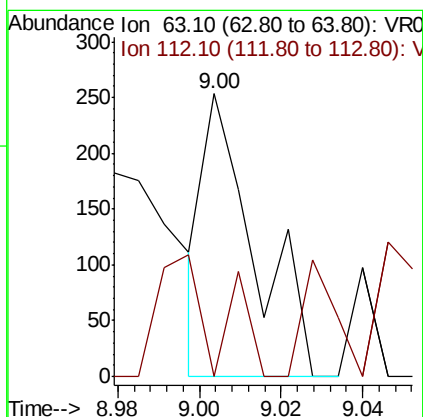
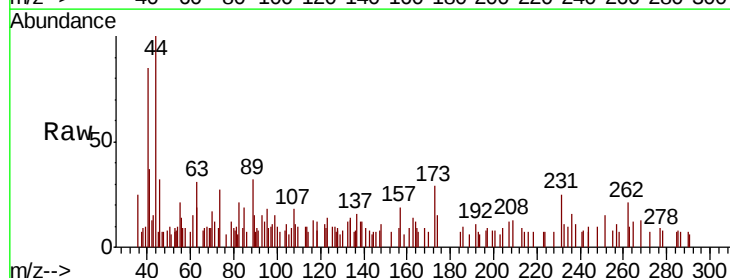
Instrument :
MSVOA_R
ClientSampled :
BEY72

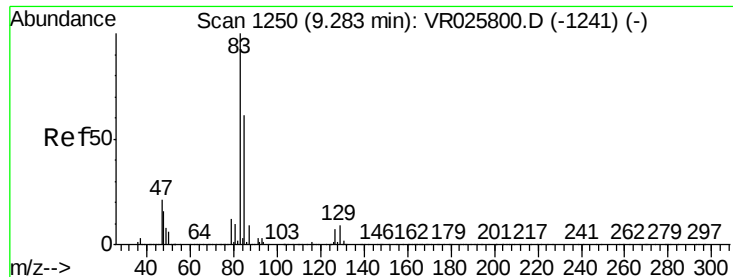
Tgt Ion: 83 Resp: 741
Ion Ratio Lower Upper
83 100
55 147.0 71.8 107.6#
98 46.6 34.2 51.4



#37
1,2-Dichloropropane
Concen: 0.356 ug/L
RT: 9.00 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 63 Resp: 221
Ion Ratio Lower Upper
63 100
112 49.8 2.5 3.7#





#38

Bromodichloromethane

Concen: 0.606 ug/L

RT: 9.29 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampled :

BEY72

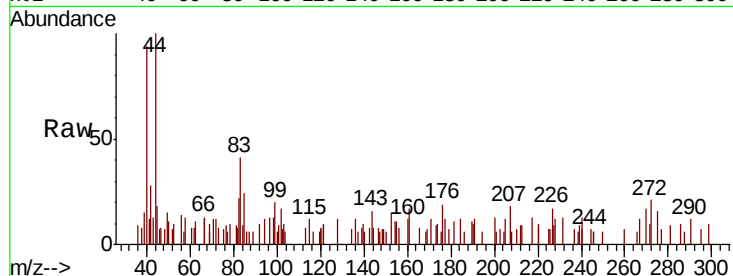
Tgt Ion: 83 Resp: 415

Ion Ratio Lower Upper

83 100

85 59.5 42.8 79.4

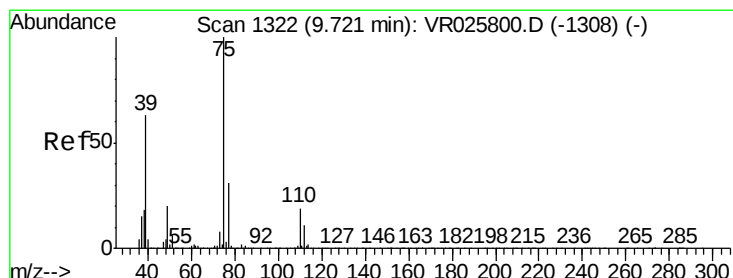
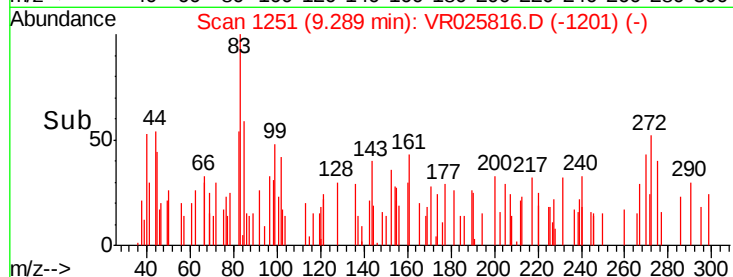
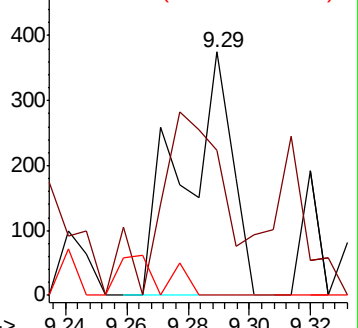
127 0.0 5.6 8.4#



Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 126.90 (126.60 to 127.60): VR0



#39

cis-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 9.69 min Scan# 1317

Delta R.T. -0.02 min

Lab File: VR025816.D

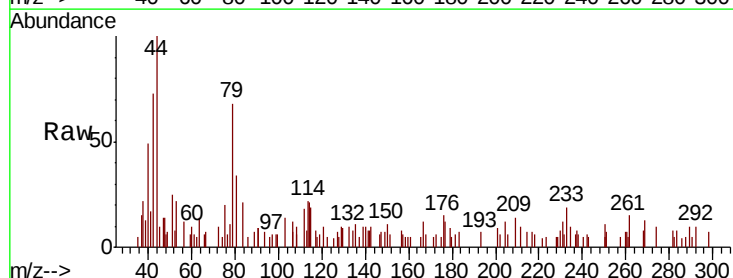
Acq: 22 Sep 2018 00:11

Tgt Ion: 75 Resp: 309

Ion Ratio Lower Upper

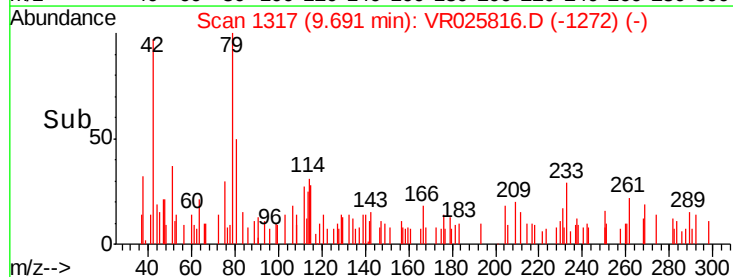
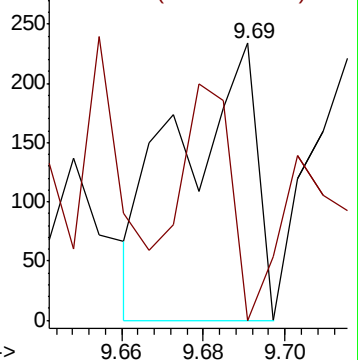
75 100

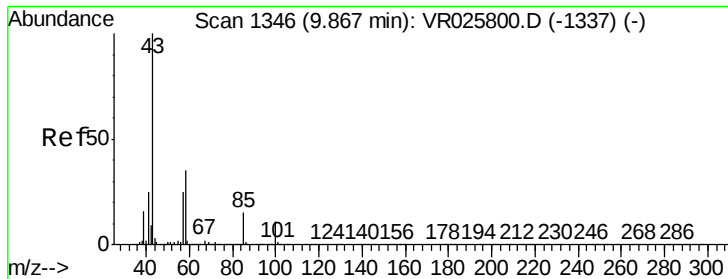
77 0.0 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

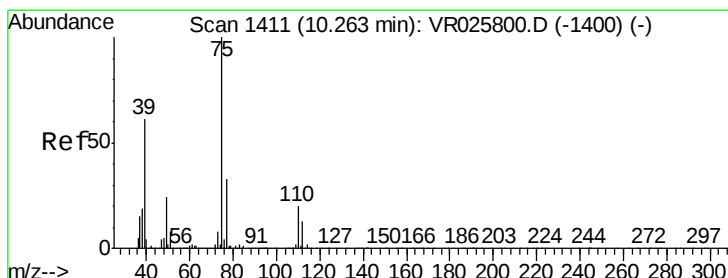
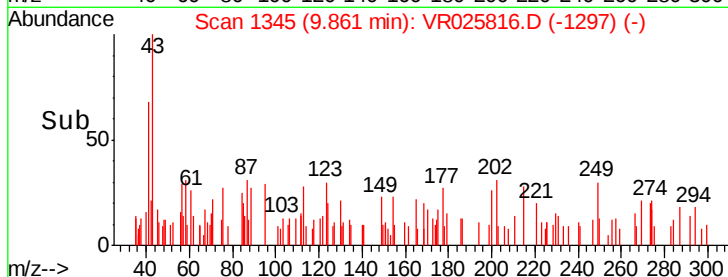
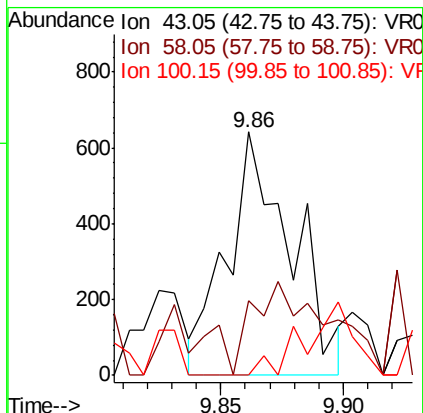
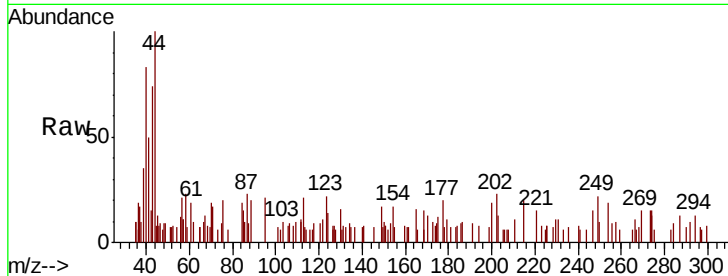




#40
4-Methyl-2-pentanone
Concen: 5.405 ug/L
RT: 9.86 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

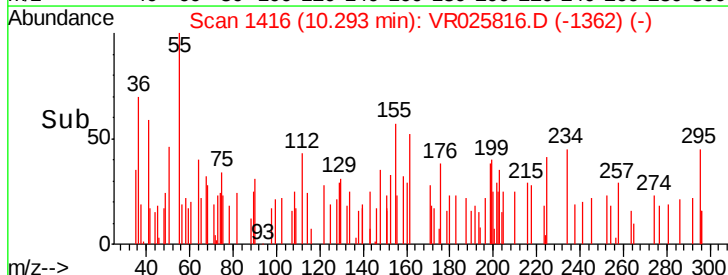
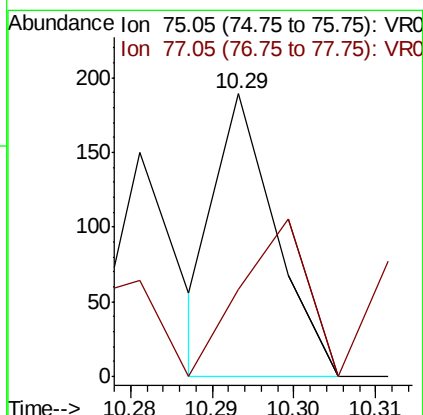
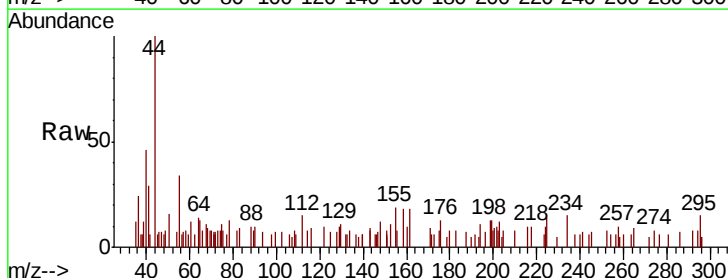
Instrument :
MSVOA_R
ClientSampled :
BEY72

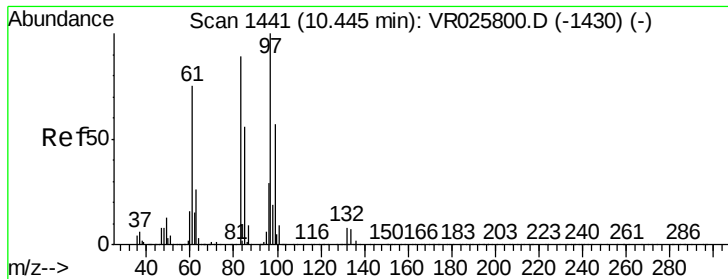
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
58 45.3 28.6 43.0#
100 0.0 9.0 13.4#



#44
trans-1,3-Dichloropropene
Concen: 0.179 ug/L
RT: 10.29 min Scan# 1416
Delta R.T. 0.03 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
77 30.7 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 2.317 ug/L

RT: 10.45 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampled :

BEY72

Tgt Ion: 97 Resp: 603

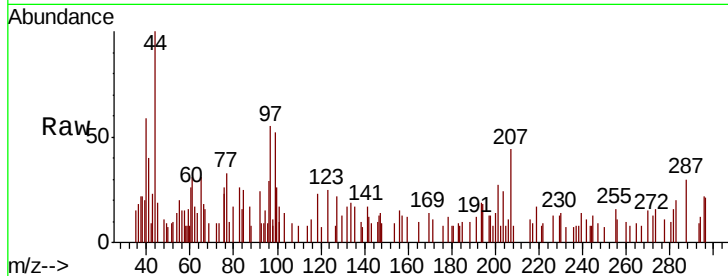
Ion Ratio Lower Upper

97 100

99 141.0 39.6 73.6#

83 48.3 62.2 115.6#

85 44.9 39.1 72.7



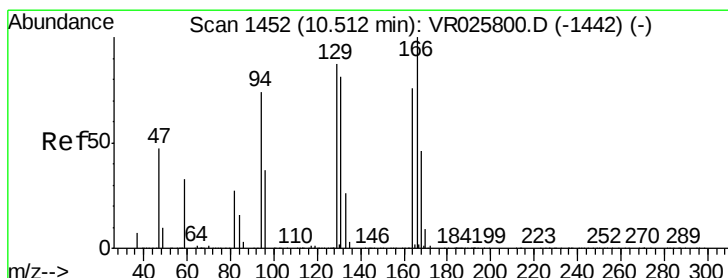
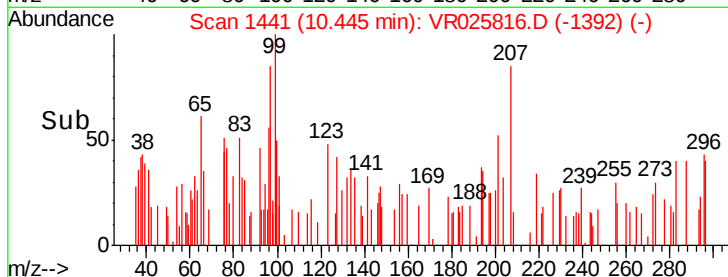
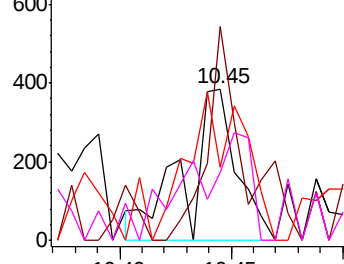
Abundance

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: 0.845 ug/L

RT: 10.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Tgt Ion: 164 Resp: 357

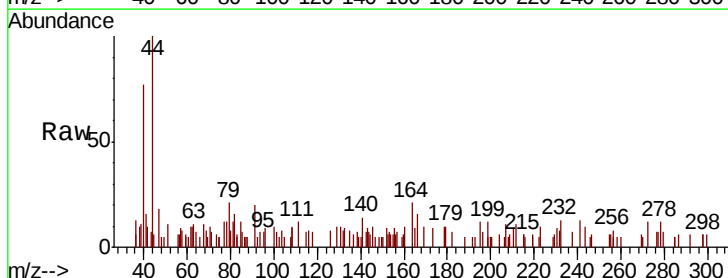
Ion Ratio Lower Upper

164 100

129 45.3 80.8 150.2#

131 45.7 74.5 138.3#

166 77.1 92.5 171.7#



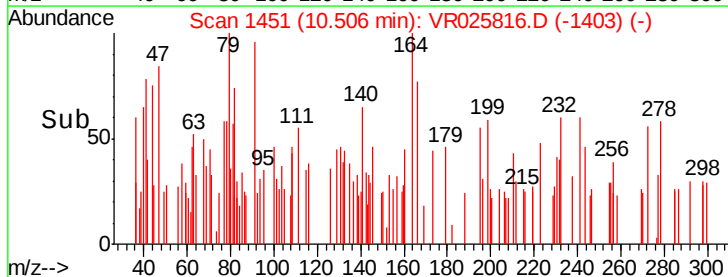
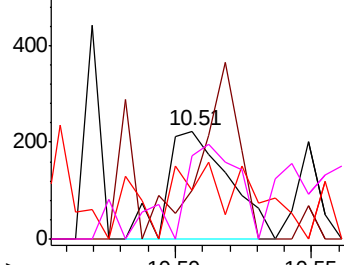
Abundance

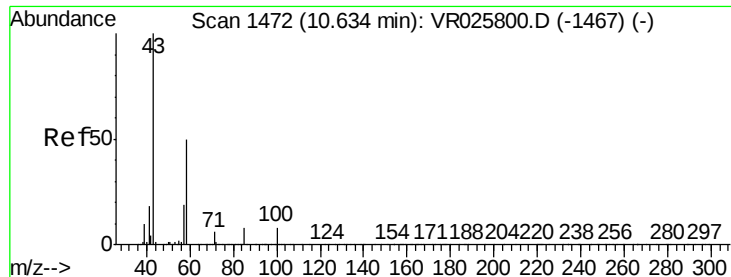
Ion 163.90 (163.60 to 164.60): V

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

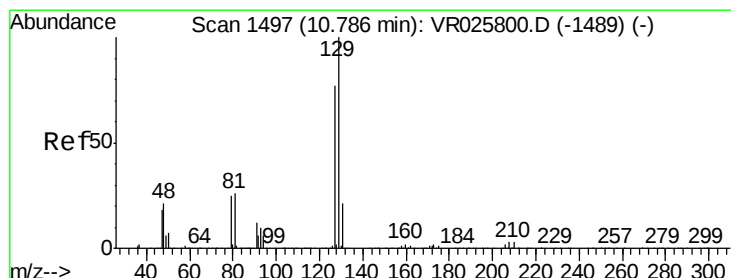
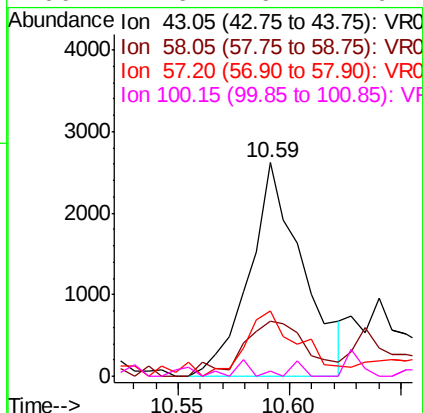
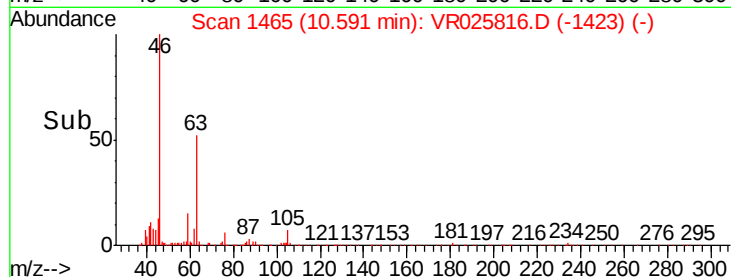
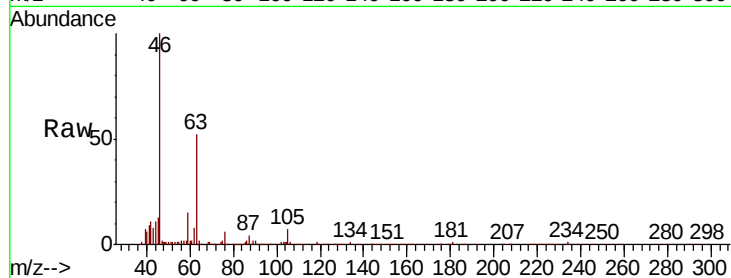




#48
2-Hexanone
Concen: 30.602 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

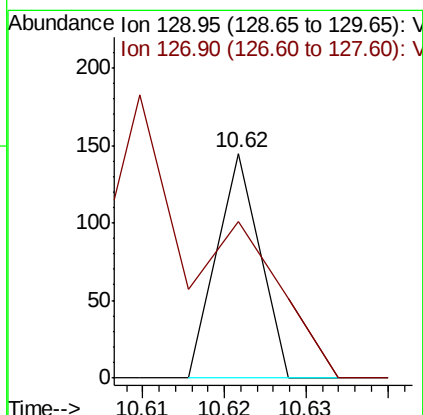
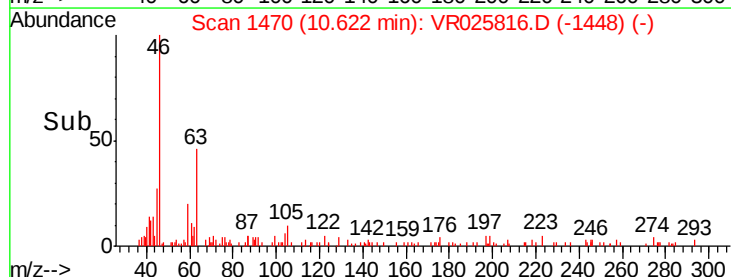
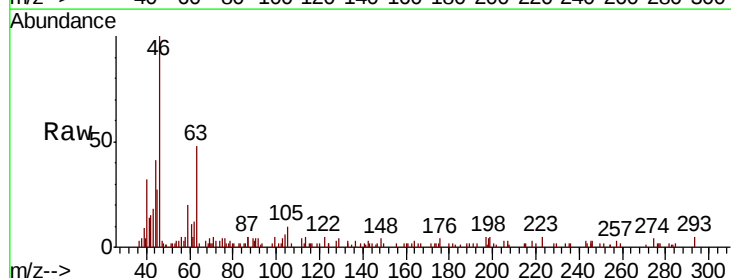
Instrument :
MSVOA_R
ClientSampleId :
BEY72

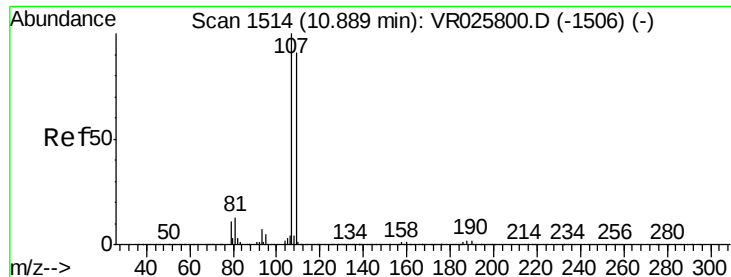
Tgt Ion:	43	Resp:	4349
Ion	Ratio	Lower	Upper
43	100		
58	31.9	39.5	59.3#
57	31.2	14.6	21.8#
100	1.6	6.7	10.1#



#49
Dibromochloromethane
Concen: 0.195 ug/L
RT: 10.62 min Scan# 1470
Delta R.T. -0.16 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion:	129	Resp:	53
Ion	Ratio	Lower	Upper
129	100		
127	69.7	54.1	100.5

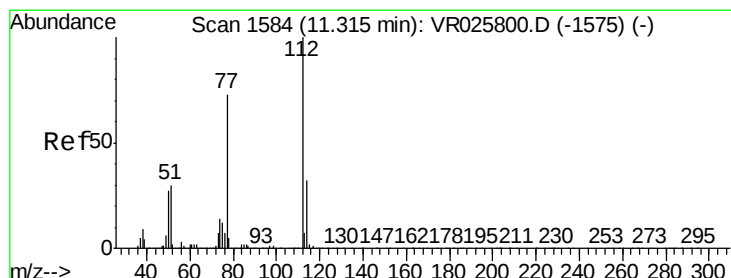
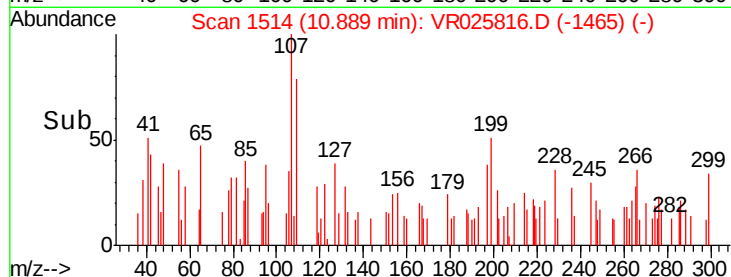
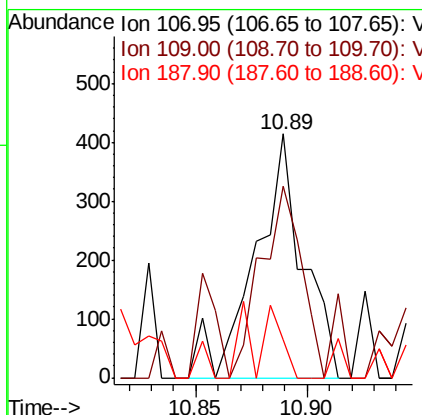
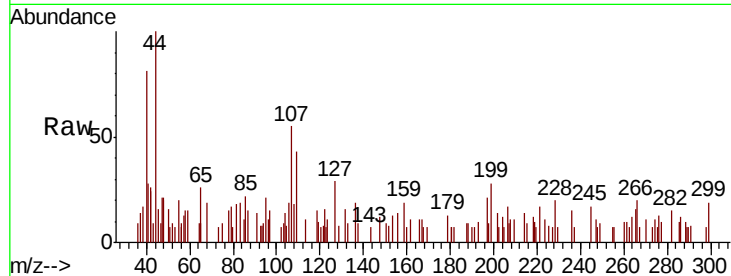




#50
1,2-Dibromoethane
Concen: 2.703 ug/L
RT: 10.89 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

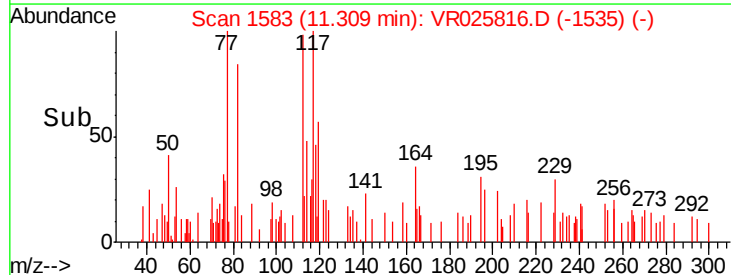
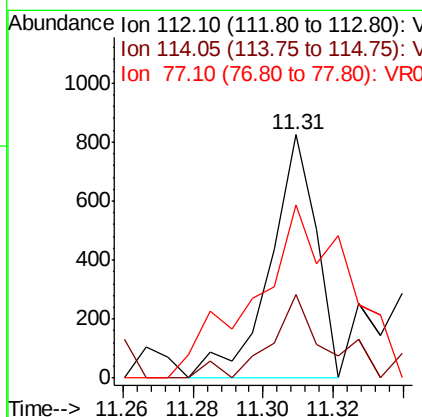
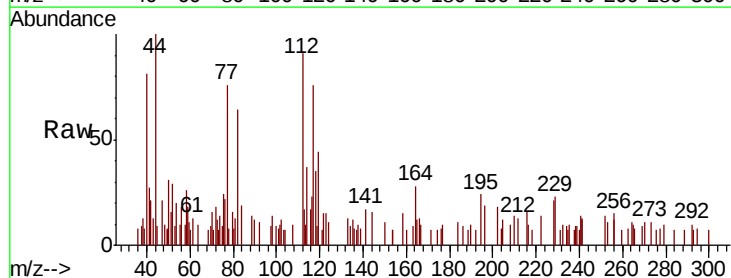
Instrument :
MSVOA_R
ClientSampled :
BEY72

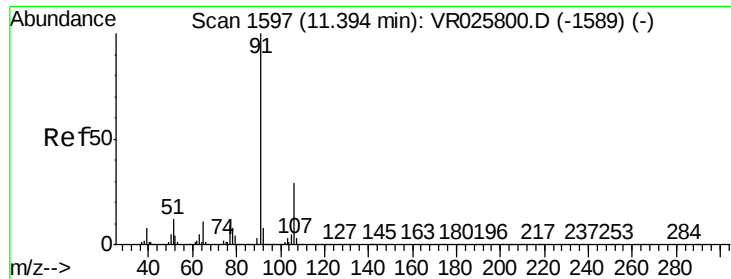
Tgt Ion:107 Resp: 619
Ion Ratio Lower Upper
107 100
109 78.7 63.5 117.9
188 15.5 1.7 2.5#



#51
Chlorobenzene
Concen: 0.507 ug/L
RT: 11.31 min Scan# 1583
Delta R.T. -0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion:112 Resp: 755
Ion Ratio Lower Upper
112 100
114 34.1 22.7 42.3
77 70.9 58.5 87.7





#52

Ethylbenzene

Concen: 0.358 ug/L

RT: 11.38 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampled :

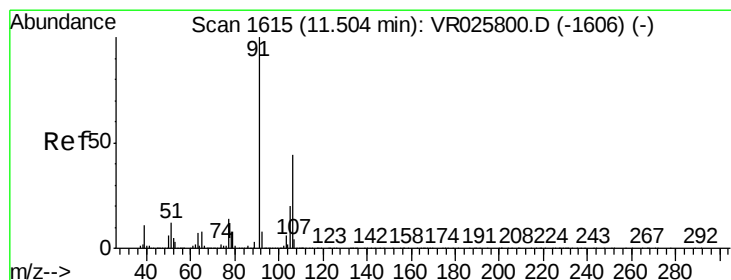
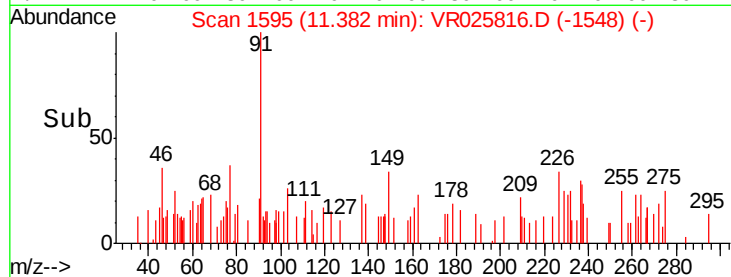
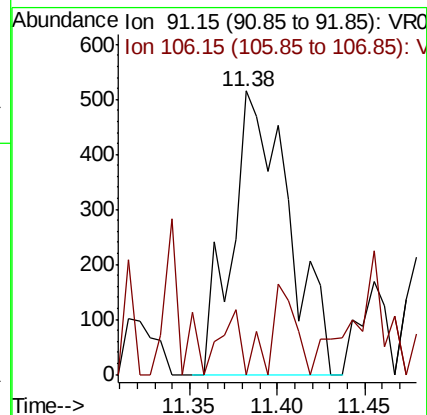
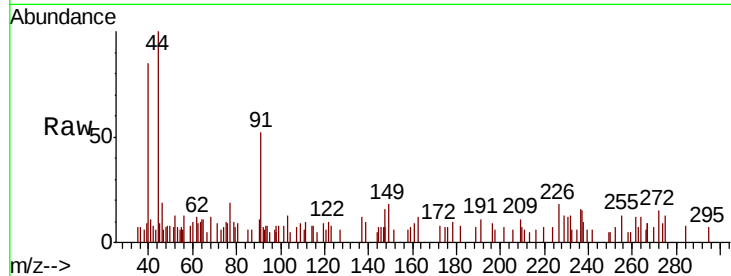
BEY72

Tgt Ion: 91 Resp: 1169

Ion Ratio Lower Upper

91 100

106 0.0 20.6 38.4#



#53

m,p-Xylene

Concen: 0.124 ug/L

RT: 11.58 min Scan# 1628

Delta R.T. 0.08 min

Lab File: VR025816.D

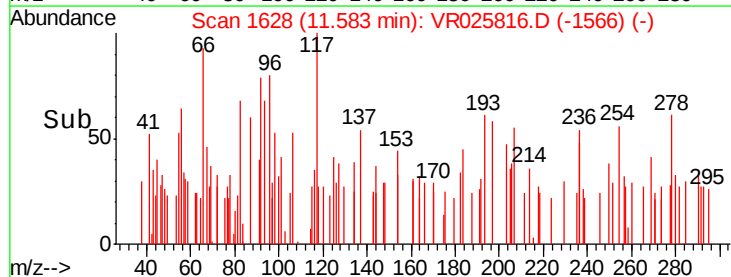
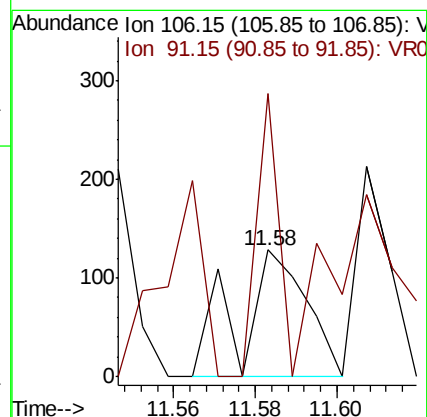
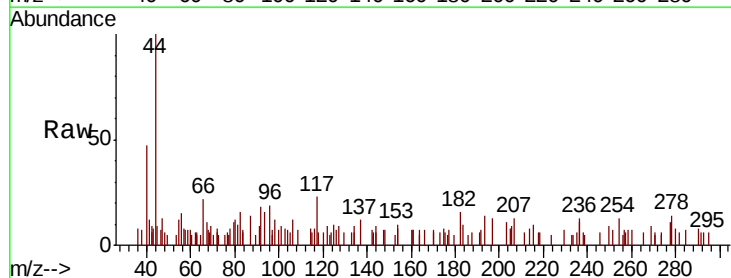
Acq: 22 Sep 2018 00:11

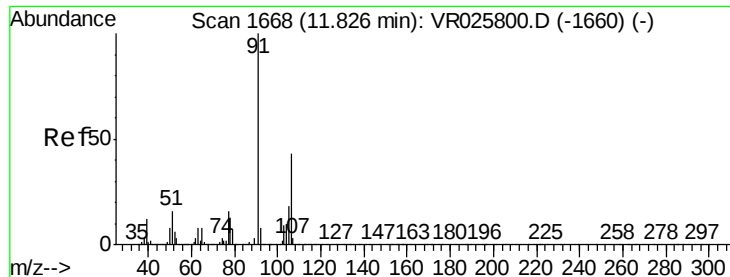
Tgt Ion: 106 Resp: 146

Ion Ratio Lower Upper

106 100

91 224.2 159.7 296.5





#54

o-Xylene

Concen: 0.135 ug/L

RT: 11.58 min Scan# 1628

Delta R.T. -0.24 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampleId :

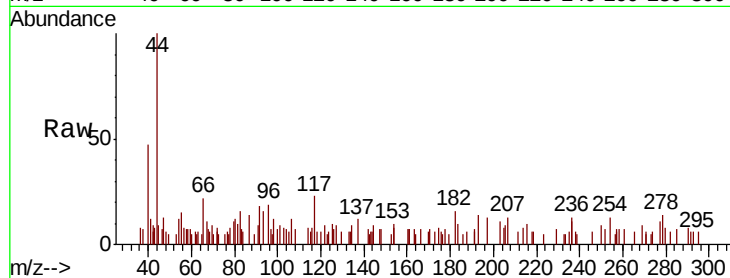
BEY72

Tgt Ion:106 Resp: 146

Ion Ratio Lower Upper

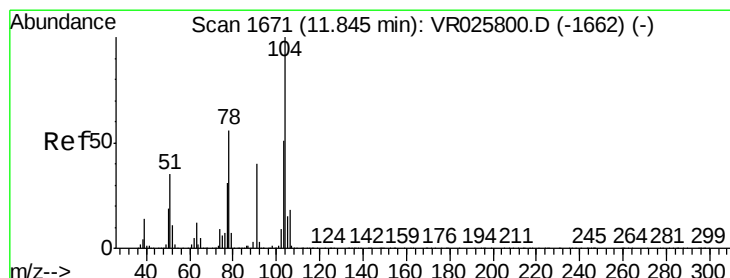
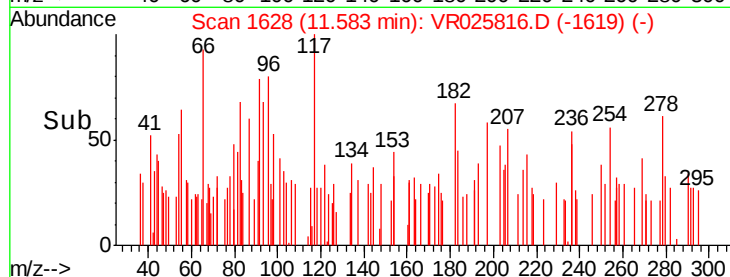
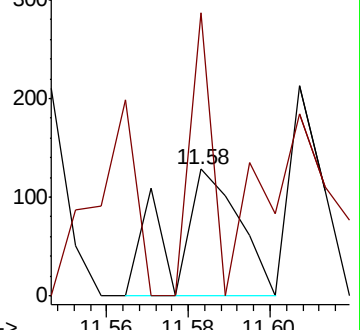
106 100

91 224.2 164.5 305.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VR0



#55

Styrene

Concen: 0.568 ug/L

RT: 11.85 min Scan# 1672

Delta R.T. 0.01 min

Lab File: VR025816.D

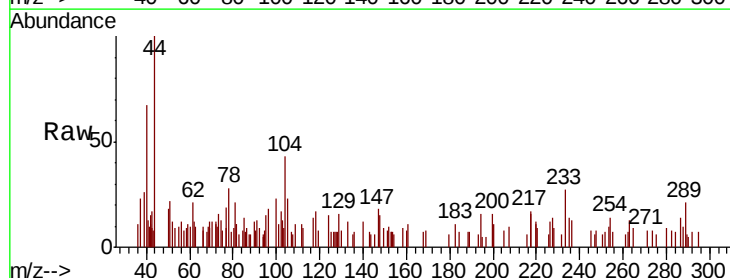
Acq: 22 Sep 2018 00:11

Tgt Ion:104 Resp: 949

Ion Ratio Lower Upper

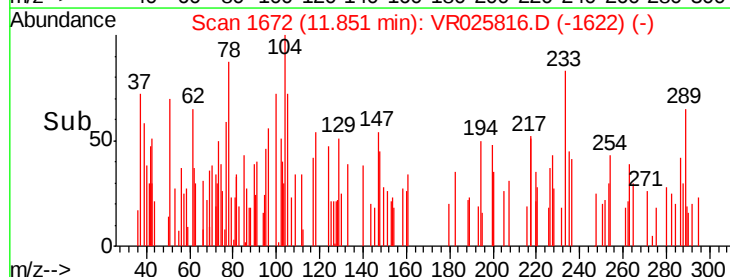
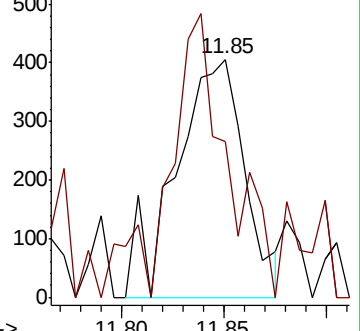
104 100

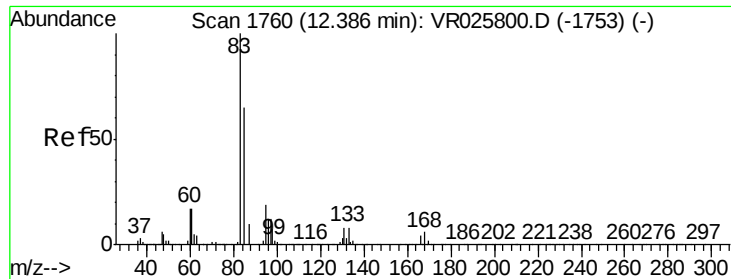
78 65.3 39.3 72.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VR0





#58

1,1,2,2-Tetrachloroethane

Concen: 5.020 ug/L

RT: 12.40 min Scan# 1762

Delta R.T. 0.01 min

Lab File: VR025816.D

Acq: 22 Sep 2018 00:11

Instrument :

MSVOA_R

ClientSampleId :

BEY72

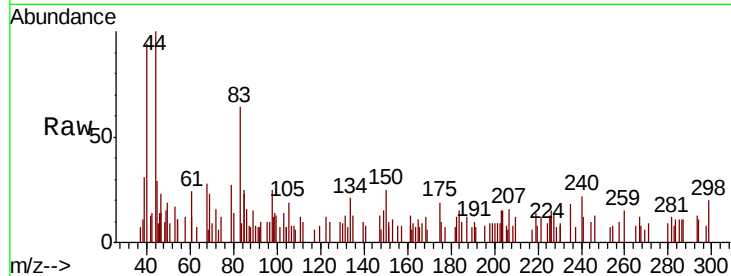
Tgt Ion: 83 Resp: 1282

Ion Ratio Lower Upper

83 100

85 34.3 45.8 85.0#

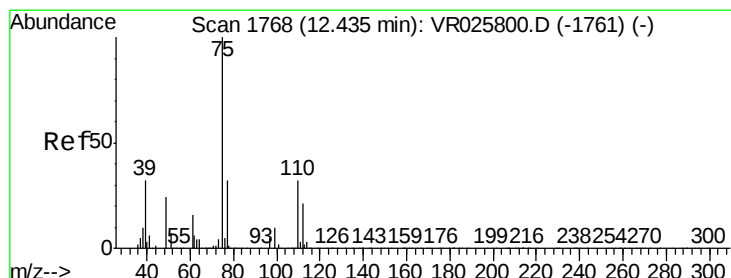
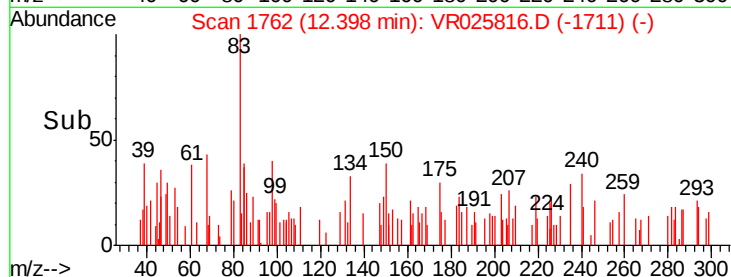
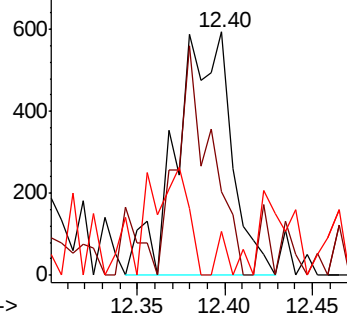
131 18.0 6.6 9.8#



Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): VR0



#59

1,2,3-Trichloropropane

Concen: 0.587 ug/L

RT: 12.56 min Scan# 1788

Delta R.T. 0.12 min

Lab File: VR025816.D

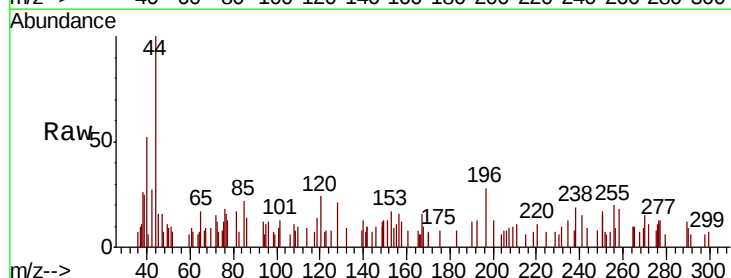
Acq: 22 Sep 2018 00:11

Tgt Ion: 75 Resp: 119

Ion Ratio Lower Upper

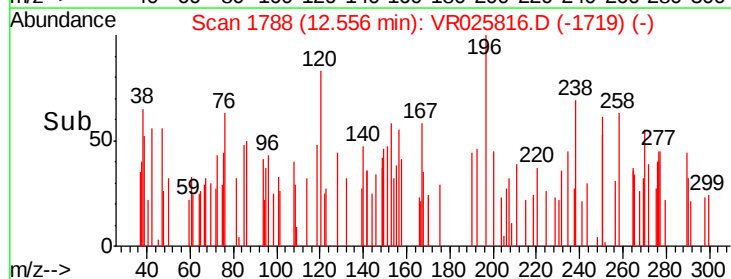
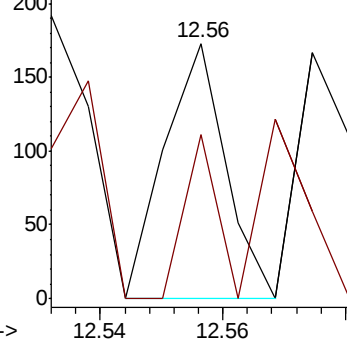
75 100

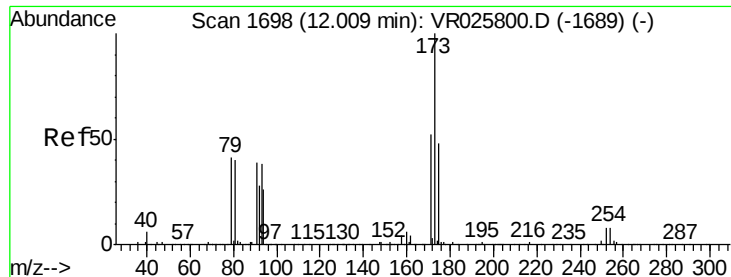
77 34.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0

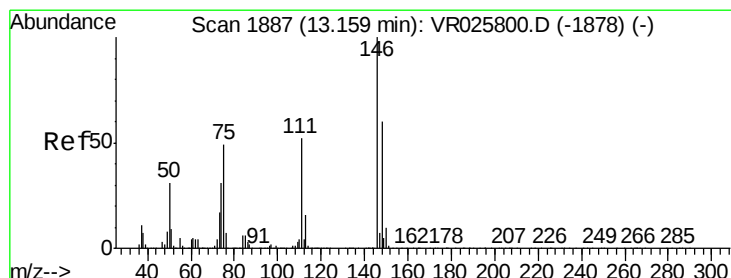
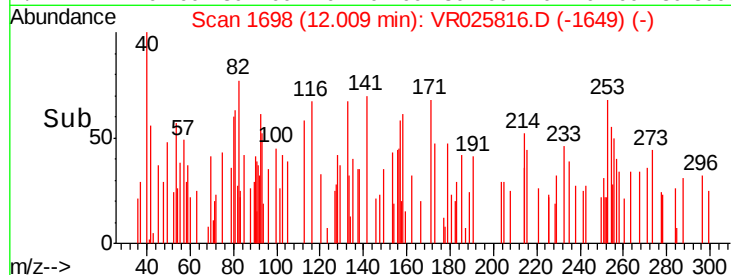
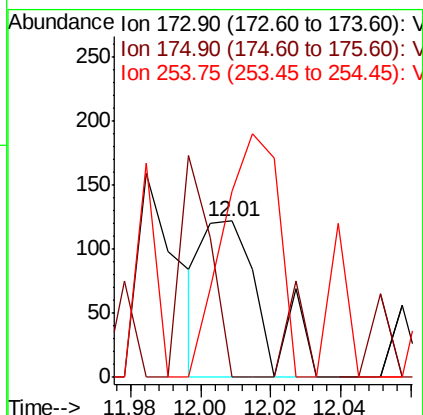
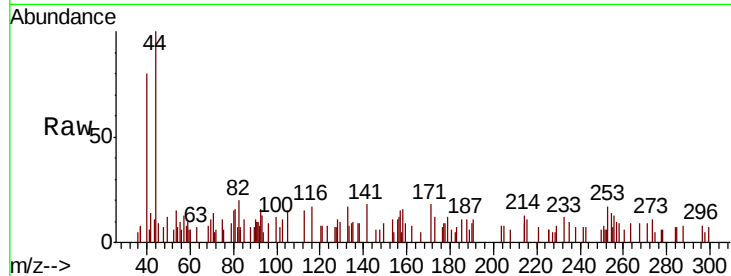




#61
Bromoform
Concen: 1.174 ug/L
RT: 12.01 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

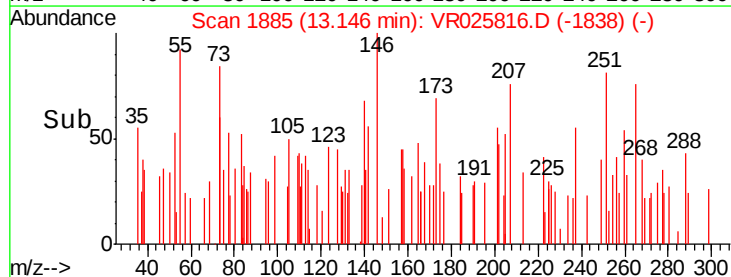
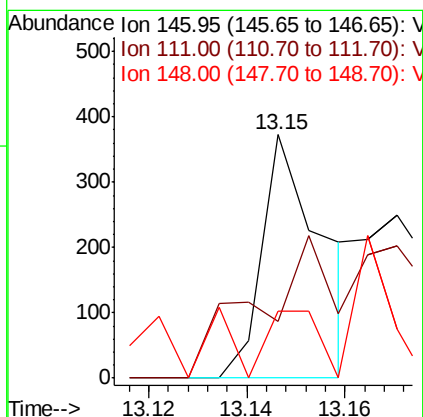
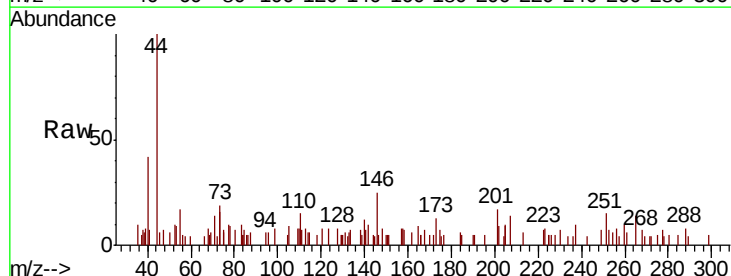
Instrument :
MSVOA_R
ClientSampled :
BEY72

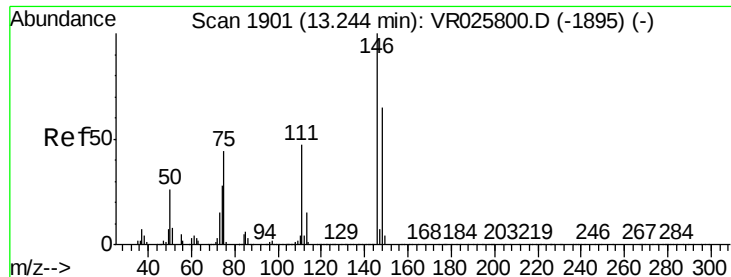
Tgt Ion:173 Resp: 144
Ion Ratio Lower Upper
173 100
175 18.8 36.9 55.3#
254 145.8 6.6 10.0#



#62
1,3-Dichlorobenzene
Concen: 0.260 ug/L
RT: 13.15 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VR025816.D
Acq: 22 Sep 2018 00:11

Tgt Ion:146 Resp: 316
Ion Ratio Lower Upper
146 100
111 23.3 36.6 68.0#
148 27.3 41.9 77.7#

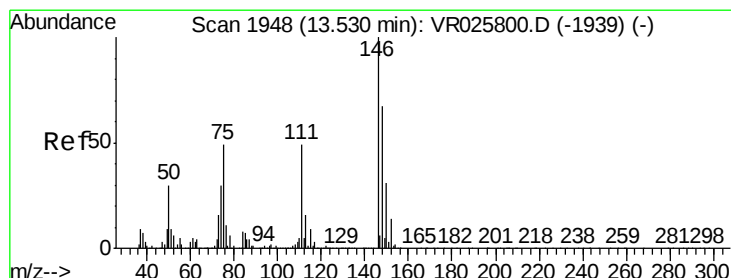
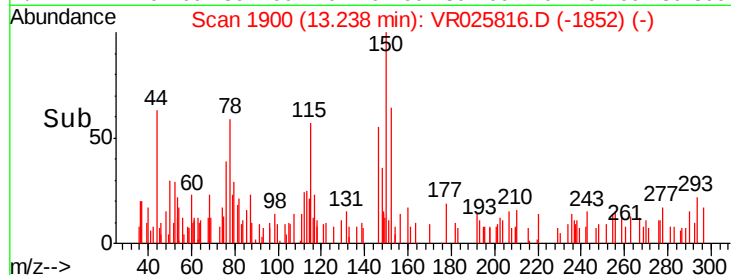
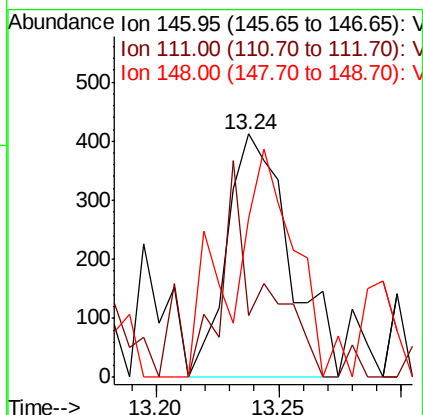
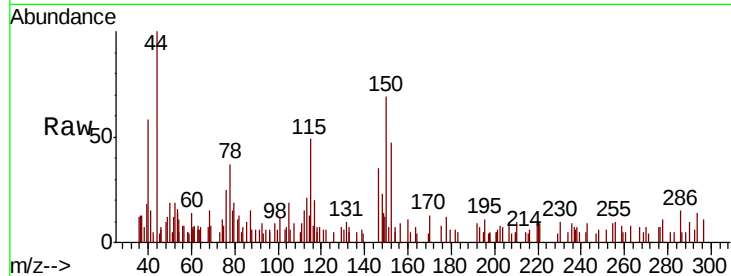




#63
 1,4-Dichlorobenzene
 Concen: 0.625 ug/L
 RT: 13.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

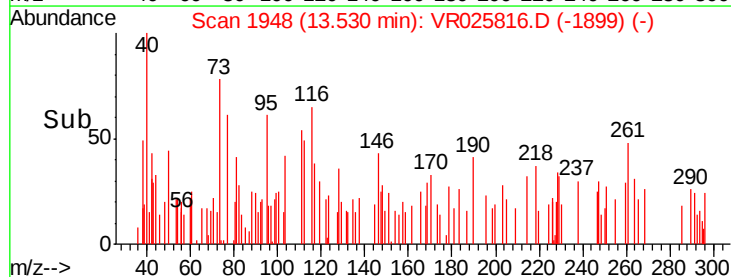
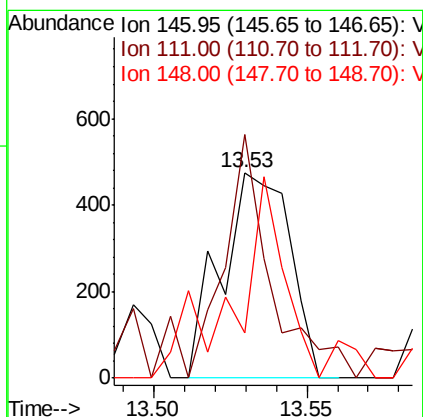
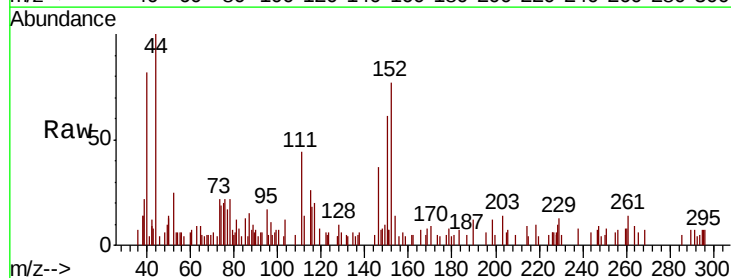
Instrument :
 MSVOA_R
 ClientSampled :
 BEY72

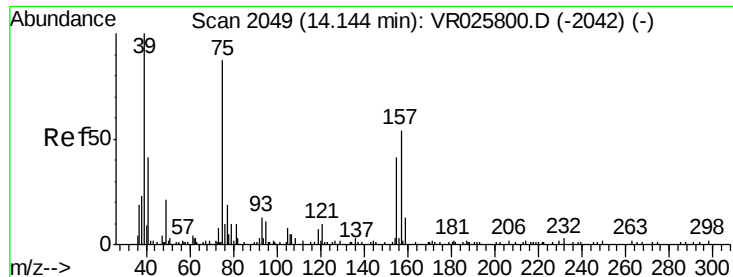
Tgt Ion:146 Resp: 734
 Ion Ratio Lower Upper
 146 100
 111 25.7 32.9 61.1#
 148 106.3 45.5 84.5#



#65
 1,2-Dichlorobenzene
 Concen: 0.794 ug/L
 RT: 13.53 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

Tgt Ion:146 Resp: 735
 Ion Ratio Lower Upper
 146 100
 111 118.5 39.4 59.0#
 148 21.7 53.5 80.3#

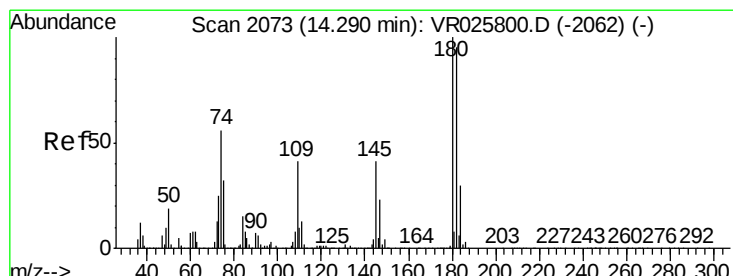
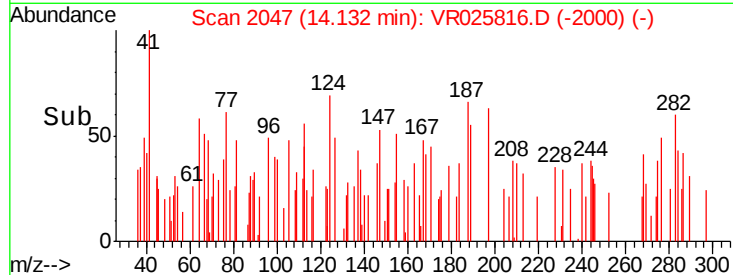
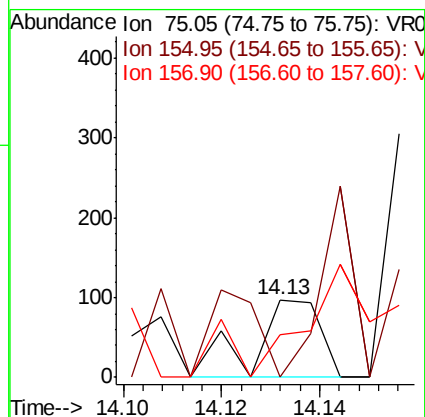
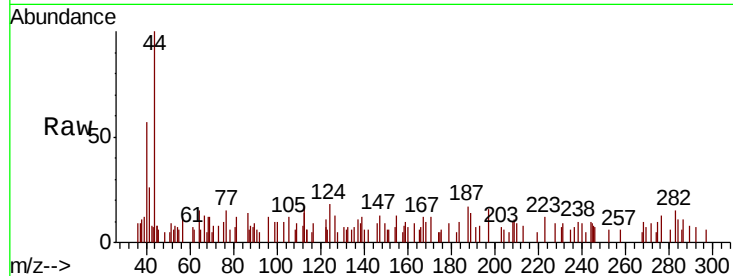




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.149 ug/L
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

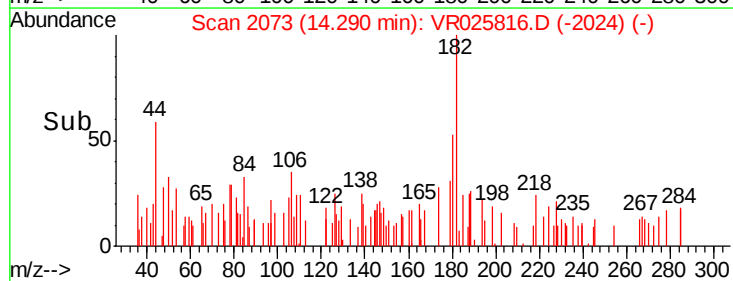
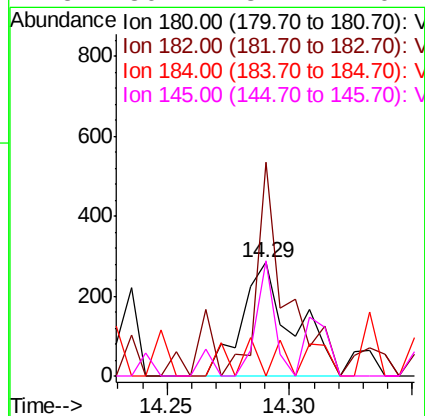
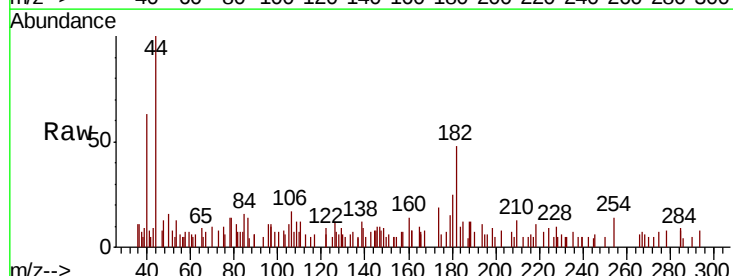
Instrument :
 MSVOA_R
 ClientSampleID :
 BEY72

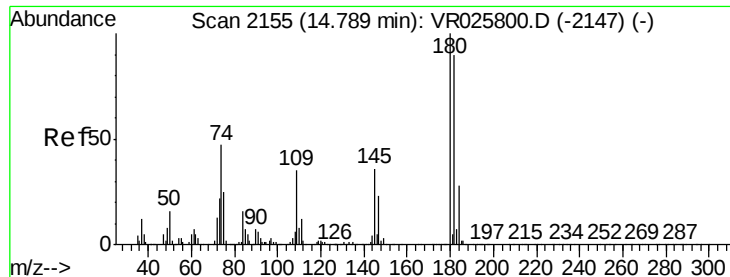
Tgt Ion: 75 Resp: 91
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.8 56.6#
 157 54.6 49.7 74.5



#67
 1,3,5-Trichlorobenzene
 Concen: 0.600 ug/L
 RT: 14.29 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

Tgt Ion: 180 Resp: 412
 Ion Ratio Lower Upper
 180 100
 182 106.6 77.2 115.8
 184 8.5 24.5 36.7#
 145 36.2 31.1 46.7

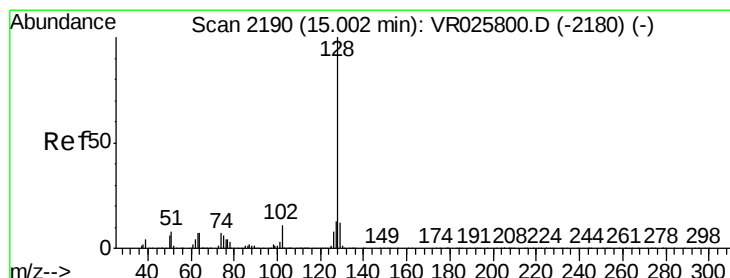
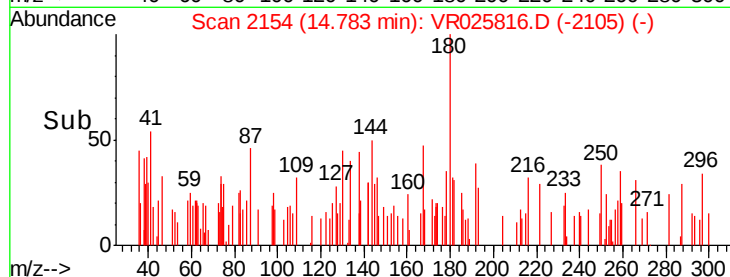
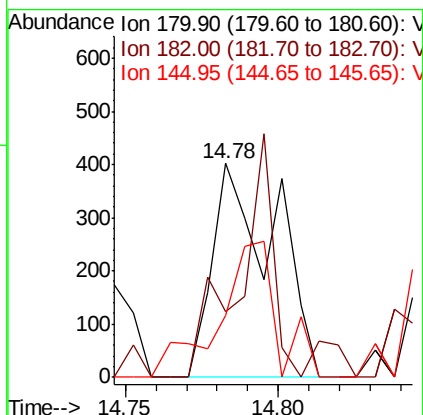
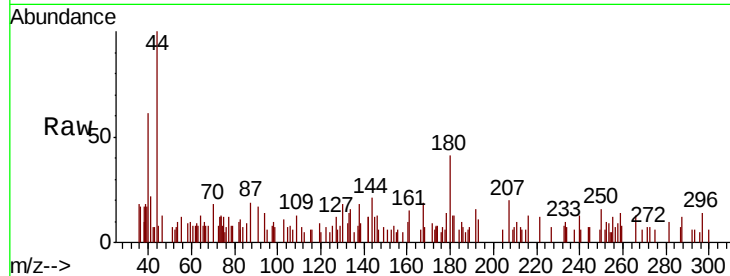




#68
 1,2,4-trichlorobenzene
 Concen: 1.301 ug/L
 RT: 14.78 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

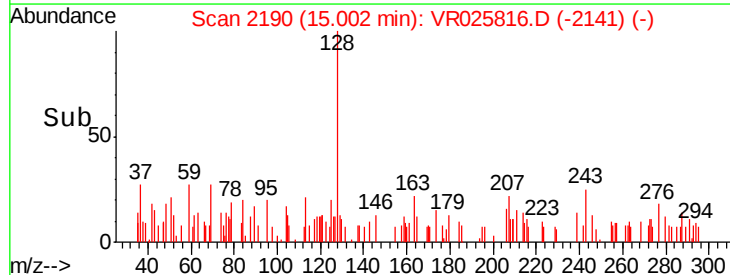
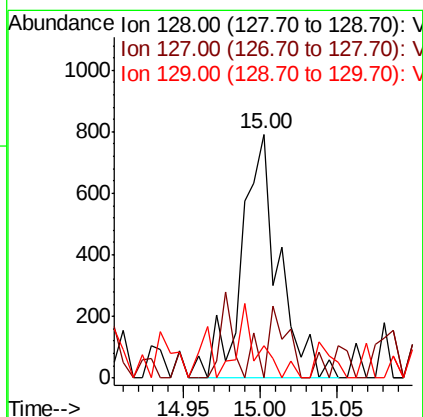
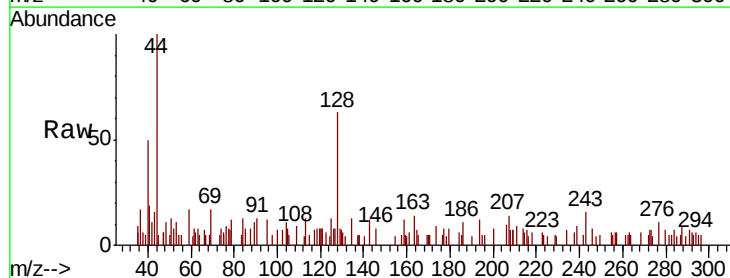
Instrument :
 MSVOA_R
 ClientSampled :
 BEY72

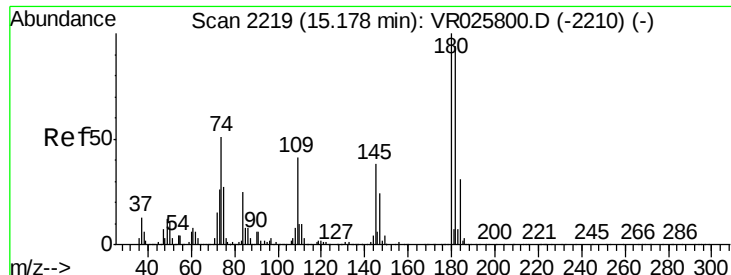
Tgt Ion:180 Resp: 568
 Ion Ratio Lower Upper
 180 100
 182 62.9 75.2 112.8#
 145 58.6 30.5 45.7#



#69
 Naphthalene
 Concen: 2.095 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

Tgt Ion:128 Resp: 1331
 Ion Ratio Lower Upper
 128 100
 127 18.3 10.5 15.7#
 129 17.5 9.4 14.2#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.544 ug/L
 RT: 15.20 min Scan# 2222
 Delta R.T. 0.02 min
 Lab File: VR025816.D
 Acq: 22 Sep 2018 00:11

Instrument :
 MSVOA_R
 ClientSampleId :
 BEY72

Tgt Ion:	180	Resp:	479
Ion Ratio	Lower	Upper	
180	100		
182	79.3	74.7	112.1
145	35.7	31.3	46.9

