

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025597.D
 Acq On : 8 Aug 2018 16:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:29:01 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	641596	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	561490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	262822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	159108	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	2.64	69	118867	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	3.65	63	405934	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	6.60	46	153155	46.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	7.21	84	290846	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.90	65	101408	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.86	84	650058	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	8.90	67	165466	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	656258	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.24	79	43097	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	10.59	63	164914	51.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84443	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	171415	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	183343	4.992 ug/L	97
3) Chloromethane	2.02	50	244822	5.046 ug/L	98
5) Vinyl chloride	2.17	62	228475	4.713 ug/L	97
6) Bromomethane	2.53	94	103833	3.895 ug/L	85
8) Chloroethane	2.67	64	117737	4.373 ug/L	98
9) Trichlorofluoromethane	2.98	101	254362	3.841 ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	223816	5.230 ug/L	98
12) 1,1-Dichloroethene	3.66	96	240044	5.238 ug/L	82
13) Acetone	3.71	43	173520	62.824 ug/L	100
14) Carbon disulfide	3.97	76	494356	4.657 ug/L	99
15) Methyl Acetate	4.20	43	40729	4.670 ug/L	93
16) Methylene chloride	4.41	84	103748	2.681 ug/L	93
17) Methyl tert-butyl Ether	4.90	73	223016	4.848 ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	219296	4.996 ug/L	96
19) 1,1-Dichloroethane	5.70	63	307362	4.786 ug/L	95
21) 2-Butanone	6.70	43	228027	59.424 ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	211201	5.268 ug/L	# 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025597.D
 Acq On : 8 Aug 2018 16:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:29:01 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)

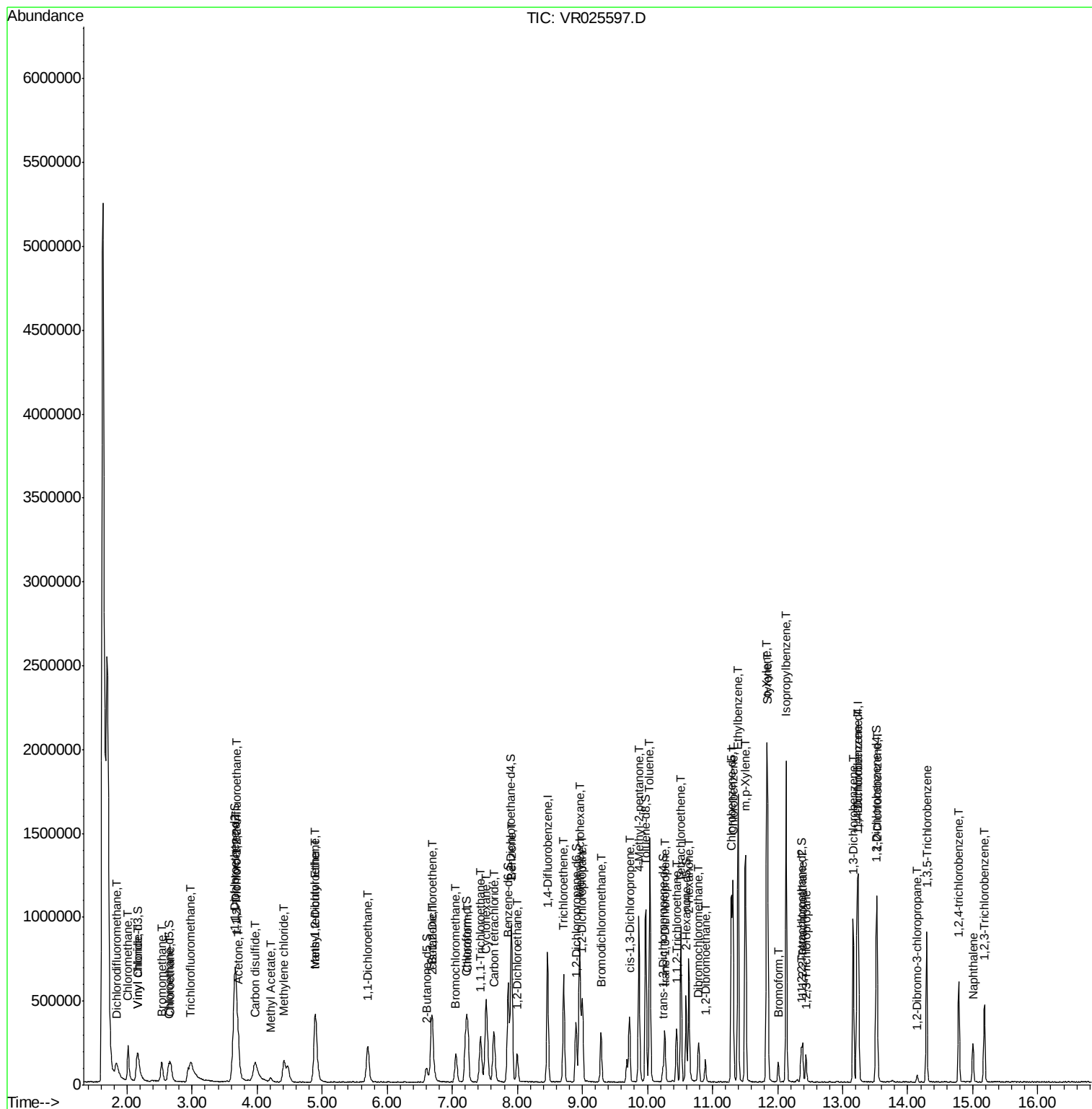
23) Bromochloromethane	7.05	128	70095	5.271	ug/L	97
25) Chloroform	7.24	83	319856	5.031	ug/L	100
27) 1,2-Dichloroethane	8.00	62	135996	5.368	ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	229844	4.622	ug/L	98
30) Cyclohexane	7.52	56	300366	5.243	ug/L	98
31) Carbon tetrachloride	7.64	117	243758	4.749	ug/L	100
33) Benzene	7.91	78	867155	4.999	ug/L	100
34) Trichloroethene	8.71	95	204030	4.729	ug/L	89
35) Methylcyclohexane	8.96	83	362877	5.594	ug/L	98
37) 1,2-Dichloropropane	8.99	63	181134	4.961	ug/L	99
38) Bromodichloromethane	9.29	83	185445	4.972	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	208984	5.184	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	609626	59.248	ug/L	100
42) Toluene	10.03	91	1008995	5.462	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	142450	5.061	ug/L	95
45) 1,1,2-Trichloroethane	10.45	97	97995	5.389	ug/L	98
47) Tetrachloroethene	10.52	164	199845	5.414	ug/L	96
48) 2-Hexanone	10.64	43	414356	59.714	ug/L	99
49) Dibromochloromethane	10.78	129	116132	5.414	ug/L	97
50) 1,2-Dibromoethane	10.89	107	78196	5.154	ug/L	90
51) Chlorobenzene	11.32	112	596905	5.344	ug/L	98
52) Ethylbenzene	11.39	91	1098803	5.471	ug/L	98
53) m,p-Xylene	11.51	106	437863	5.634	ug/L	99
54) o-Xylene	11.83	106	406056	5.691	ug/L	96
55) Styrene	11.85	104	659825	5.805	ug/L	100
56) Isopropylbenzene	12.13	105	1077803	5.743	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	95377	5.535	ug/L	97
59) 1,2,3-Trichloropropane	12.44	75	60417	5.248	ug/L	93
61) Bromoform	12.01	173	49309	4.710	ug/L	100
62) 1,3-Dichlorobenzene	13.16	146	379606	4.995	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	420624	5.099	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	332348	5.090	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	8192	4.055	ug/L	95
67) 1,3,5-Trichlorobenzene	14.29	180	257543	4.985	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	171341	5.162	ug/L	96
69) Naphthalene	15.00	128	177332	4.676	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	142825	5.595	ug/L	97

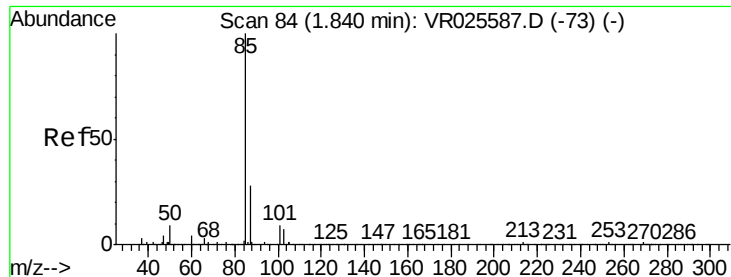
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
Data File : VR025597.D
Acq On : 8 Aug 2018 16:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Aug 09 04:29:01 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: 4.992 ug/L

RT: 1.83 min Scan# 83

Delta R.T. -0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

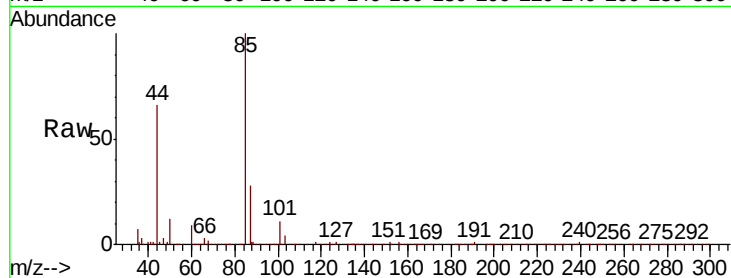
ClientSampleId :

Tot Ion: 85 Resp: 183343

Ion Ratio Lower Upper

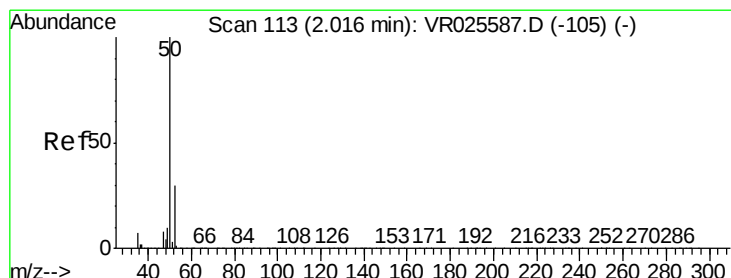
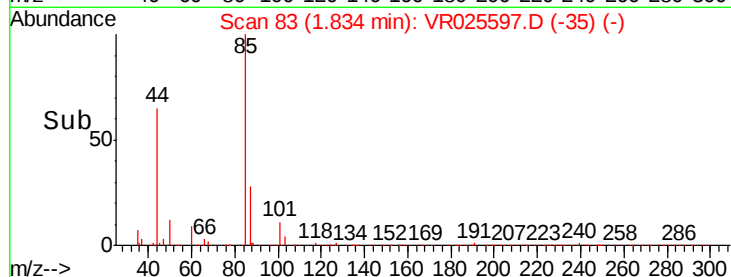
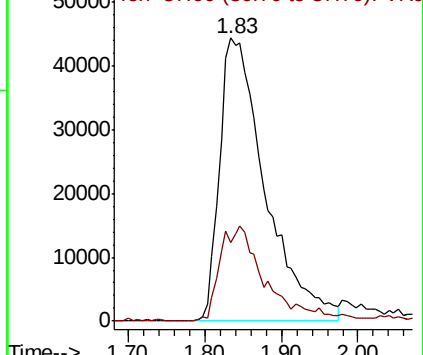
85 100

87 29.9 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VR0

Ion 87.00 (86.70 to 87.70): VR0



#3

Chloromethane

Concen: 5.046 ug/L

RT: 2.02 min Scan# 113

Delta R.T. 0.00 min

Lab File: VR025597.D

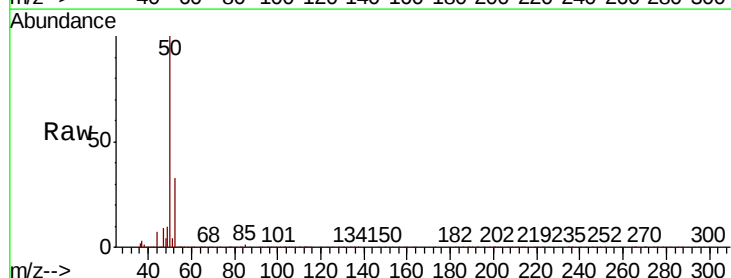
Acq: 8 Aug 2018 16:24

Tgt Ion: 50 Resp: 244822

Ion Ratio Lower Upper

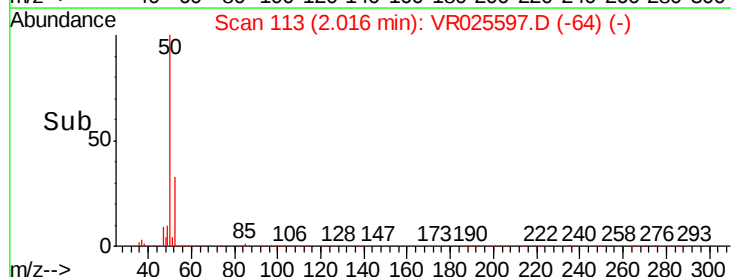
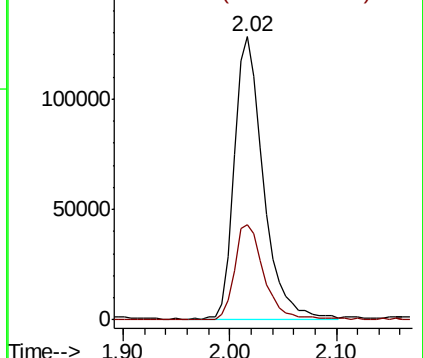
50 100

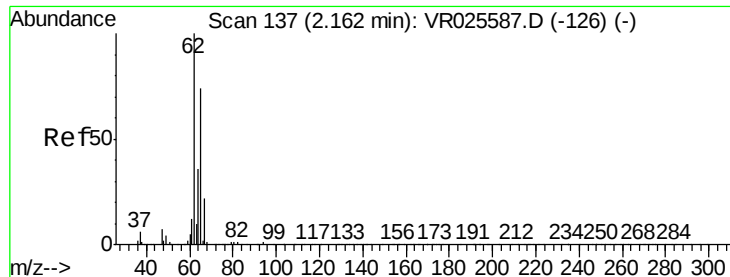
52 33.5 24.4 45.4



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0





#5

Vinyl chloride

Concen: 4.713 ug/L

RT: 2.17 min Scan# 138

Delta R.T. 0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

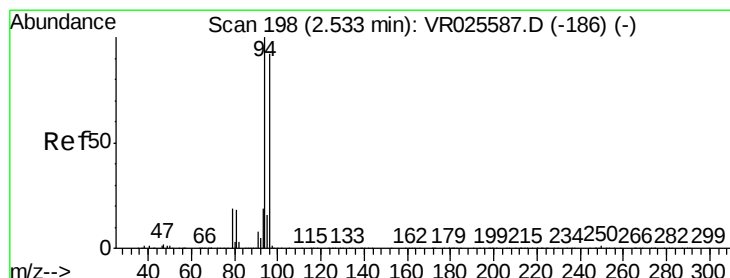
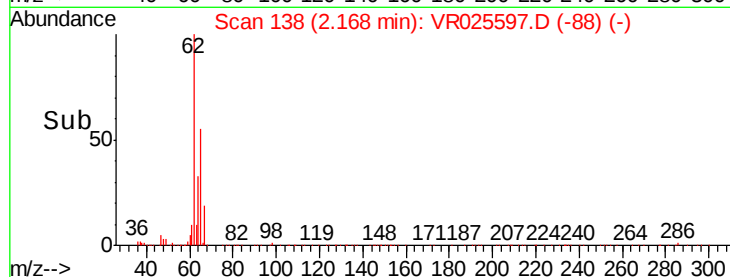
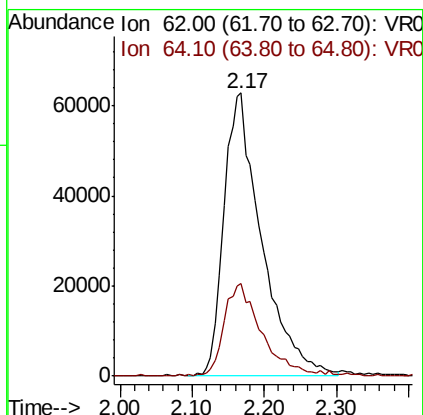
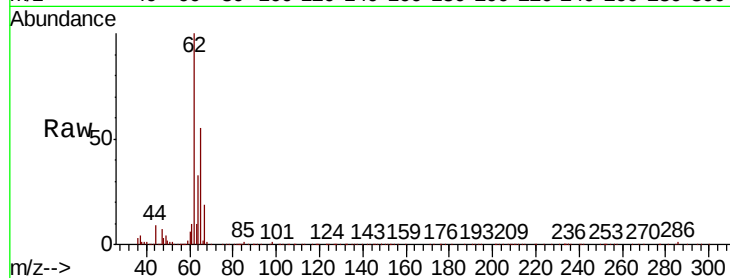
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 62 Resp: 228475

Ion Ratio Lower Upper

62 100

64 32.6 24.1 44.8



#6

Bromomethane

Concen: 3.895 ug/L

RT: 2.53 min Scan# 197

Delta R.T. -0.01 min

Lab File: VR025597.D

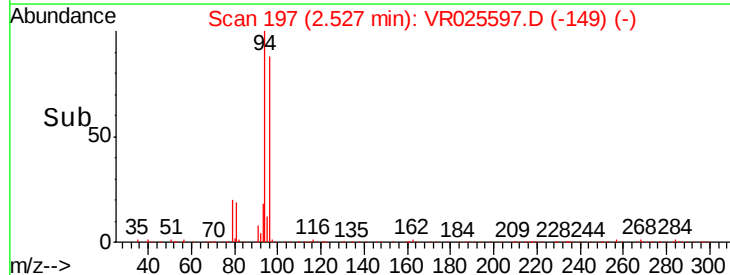
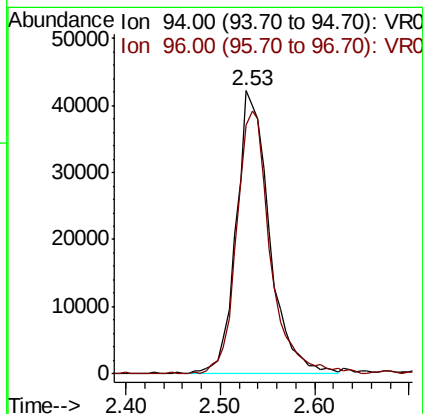
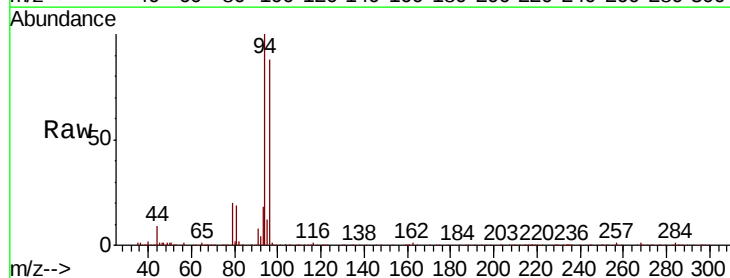
Acq: 8 Aug 2018 16:24

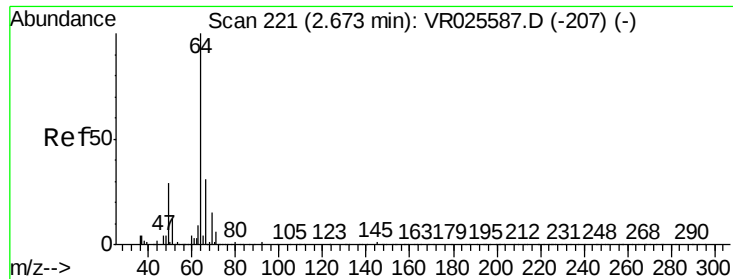
Tgt Ion: 94 Resp: 103833

Ion Ratio Lower Upper

94 100

96 87.8 72.0 133.6

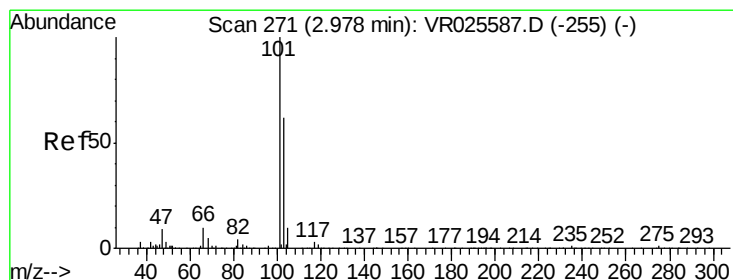
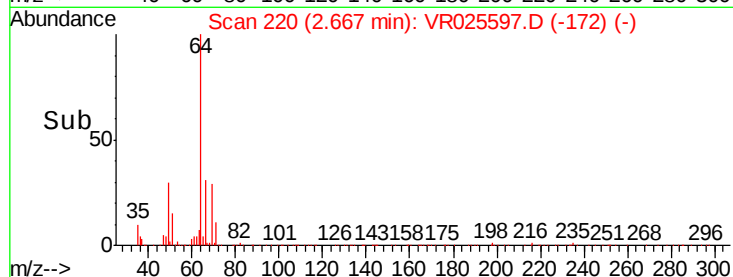
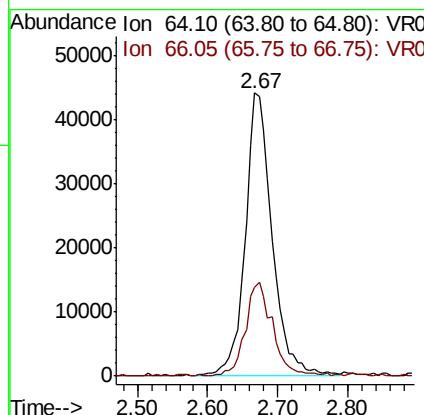
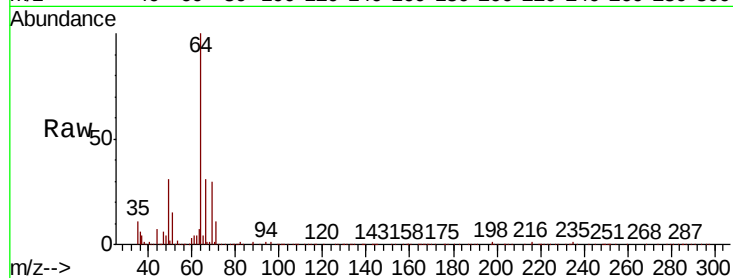




#8
Chloroethane
Concen: 4.373 ug/L
RT: 2.67 min Scan# 220
Delta R.T. -0.01 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

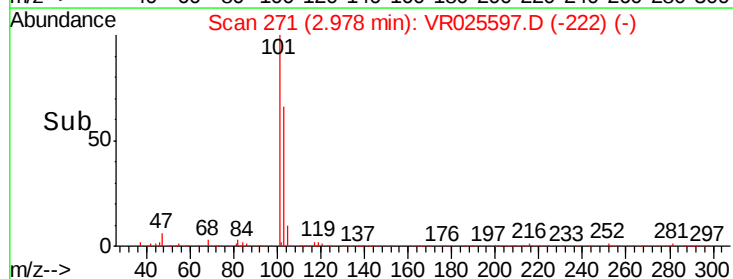
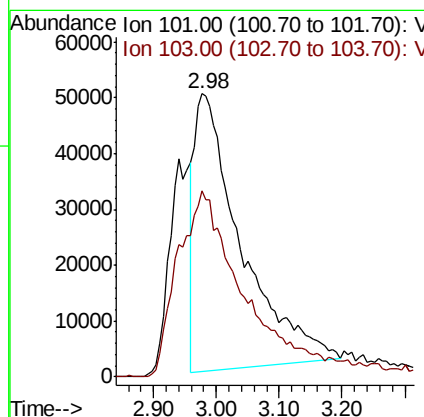
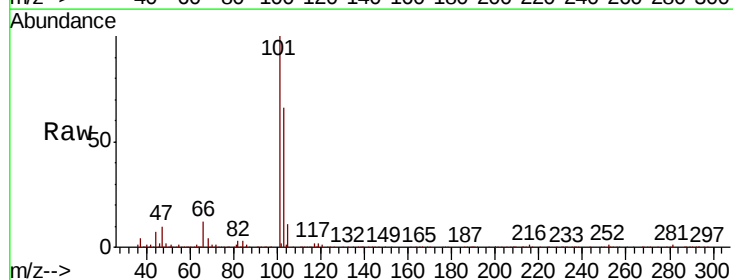
Instrument :
MSVOA_R
ClientSampleId :

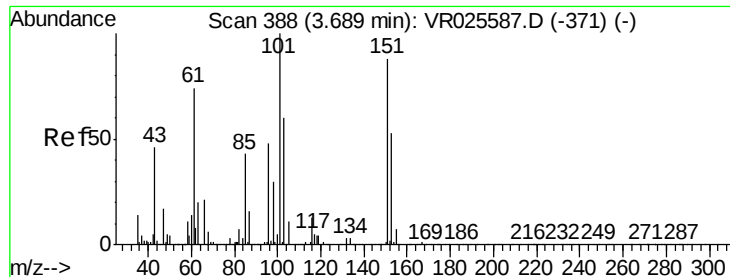
Tot Ion: 64 Resp: 117737
Ion Ratio Lower Upper
64 100
66 31.2 20.9 38.9



#9
Trichlorofluoromethane
Concen: 3.841 ug/L
RT: 2.98 min Scan# 271
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion:101 Resp: 254362
Ion Ratio Lower Upper
101 100
103 93.3 19.8 29.6#





#10

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

Concen: 5.230 ug/L

RT: 3.68 min Scan# 387

Delta R.T. -0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :

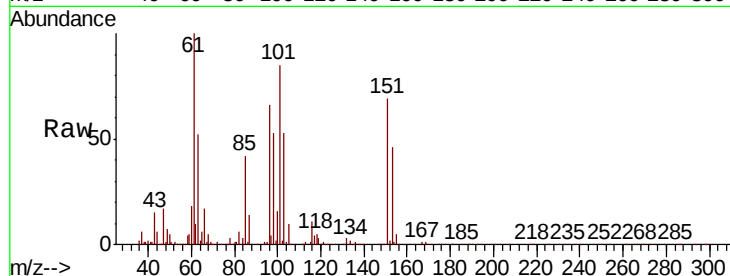
Tot Ion:101 Resp: 223816

Ion Ratio Lower Upper

101 100

85 46.5 37.4 56.0

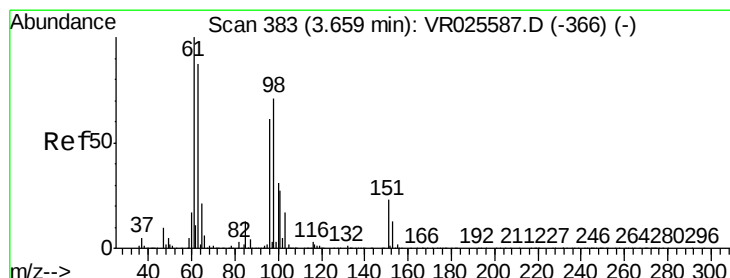
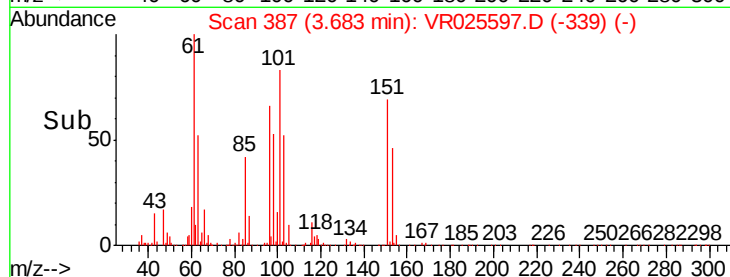
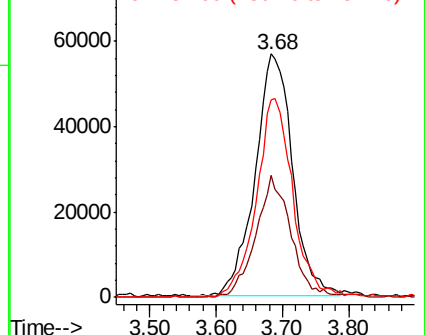
151 80.1 61.9 92.9



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: 5.238 ug/L

RT: 3.66 min Scan# 384

Delta R.T. 0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

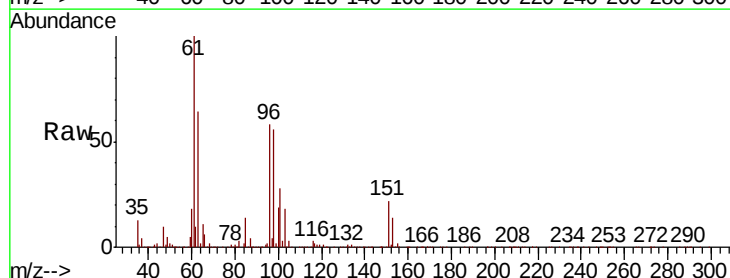
Tgt Ion: 96 Resp: 240044

Ion Ratio Lower Upper

96 100

61 171.3 124.3 230.8

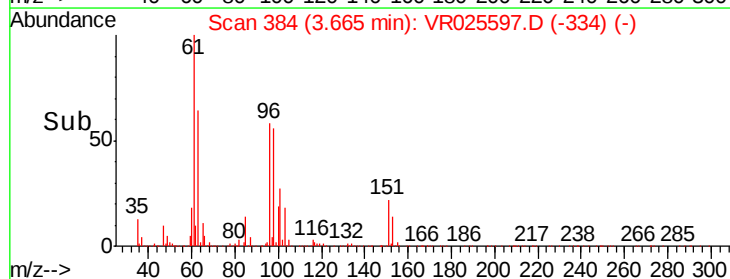
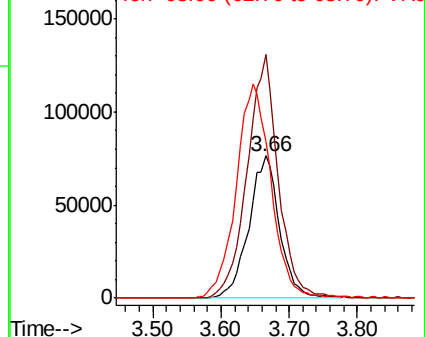
63 110.0 108.1 200.7

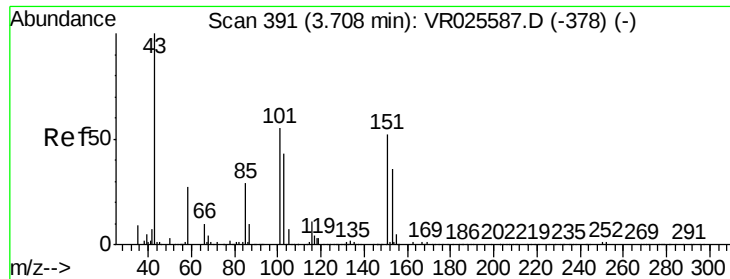


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0





#13

Acetone

Concen: 62.824 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

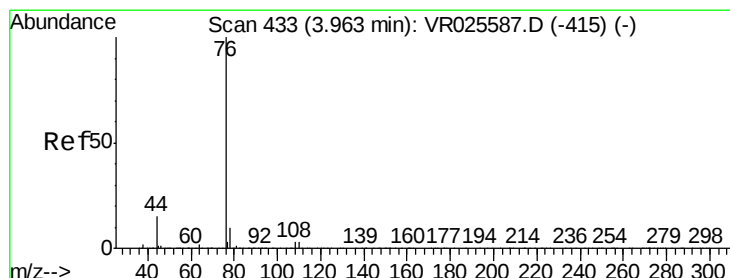
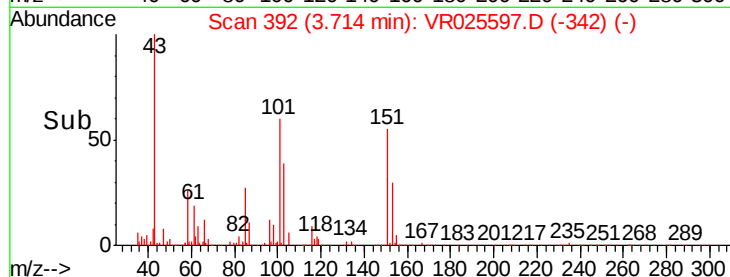
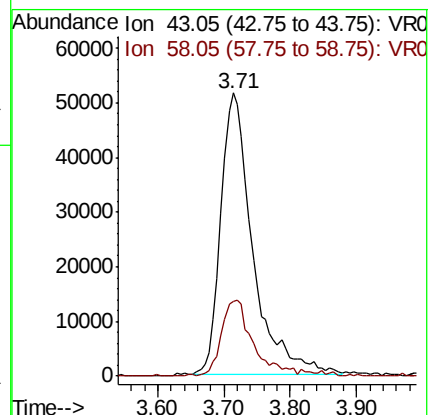
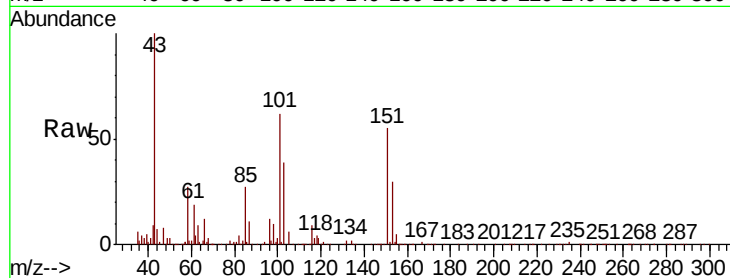
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 173520

Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.4



#14

Carbon disulfide

Concen: 4.657 ug/L

RT: 3.97 min Scan# 434

Delta R.T. 0.01 min

Lab File: VR025597.D

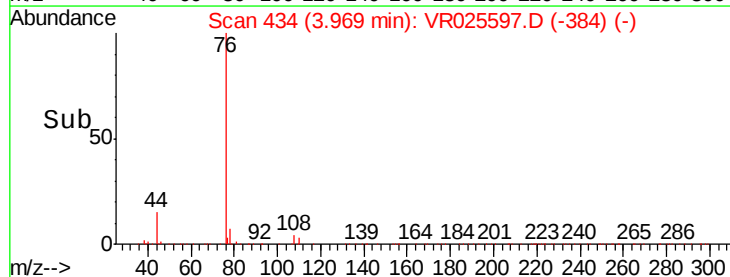
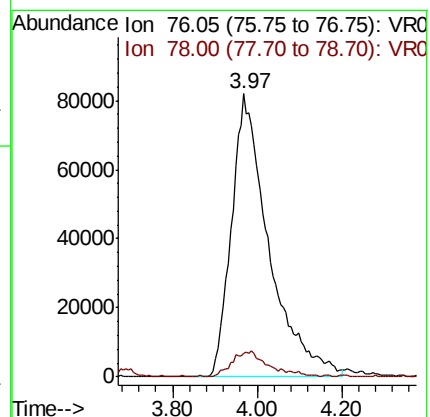
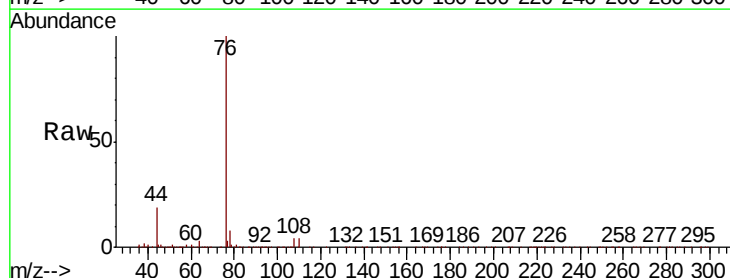
Acq: 8 Aug 2018 16:24

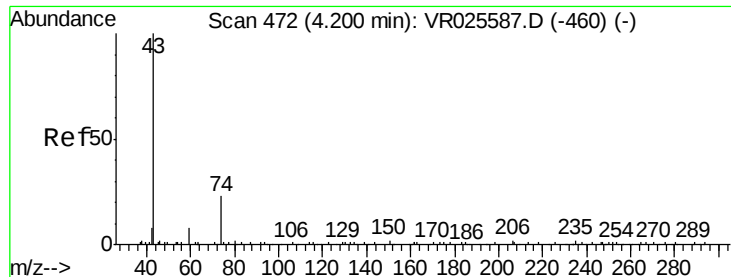
Tgt Ion: 76 Resp: 494356

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2





#15

Methyl Acetate

Concen: 4.670 ug/L

RT: 4.20 min Scan# 472

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

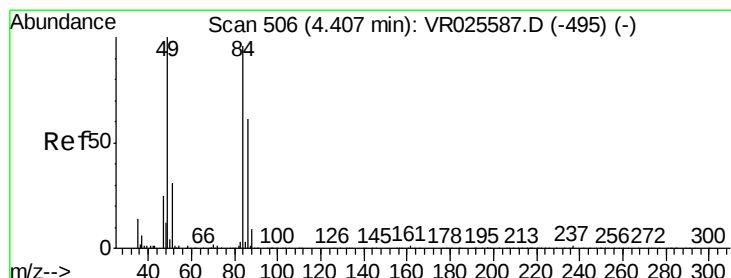
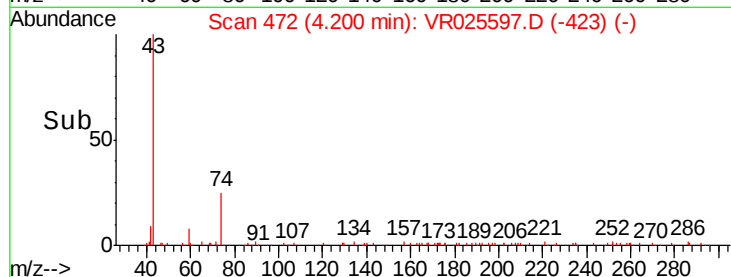
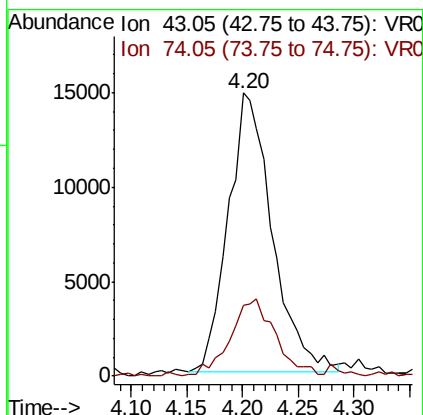
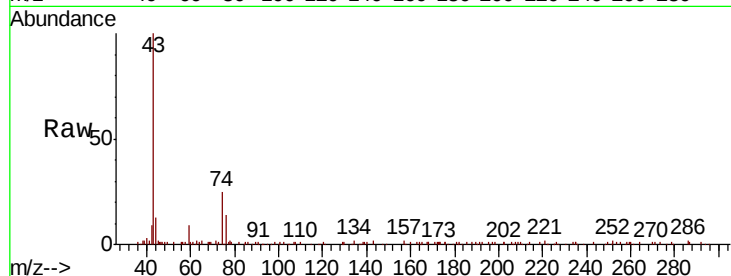
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 40729

Ion Ratio Lower Upper

43 100

74 28.3 19.8 29.6



#16

Methylene chloride

Concen: 2.681 ug/L

RT: 4.41 min Scan# 507

Delta R.T. 0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

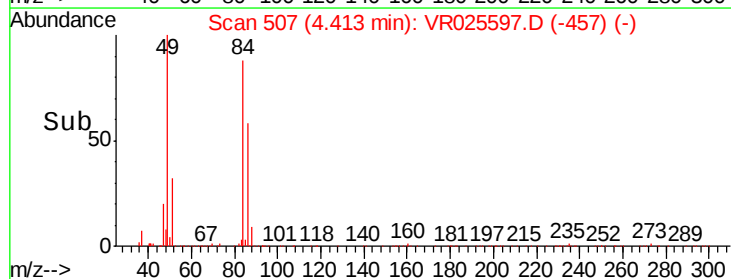
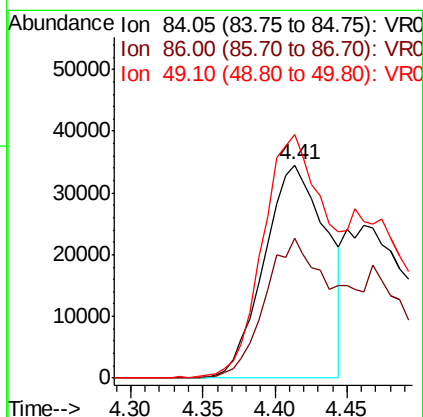
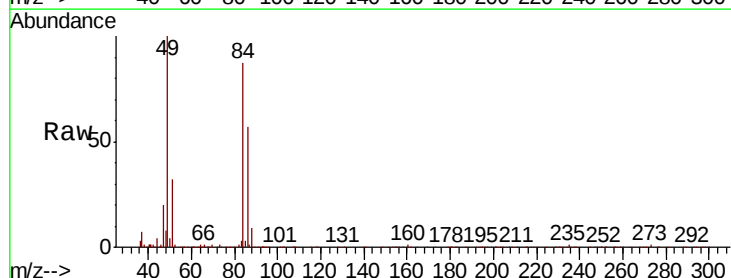
Tgt Ion: 84 Resp: 103748

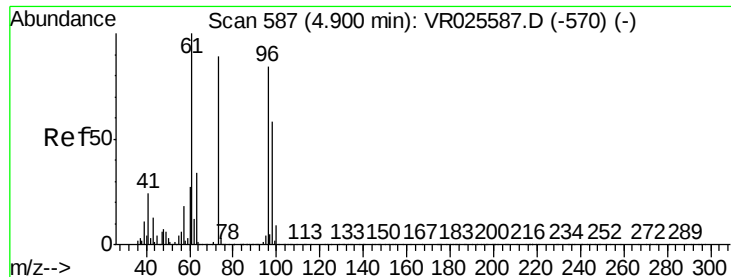
Ion Ratio Lower Upper

84 100

86 65.5 40.4 75.0

49 114.3 76.2 141.4

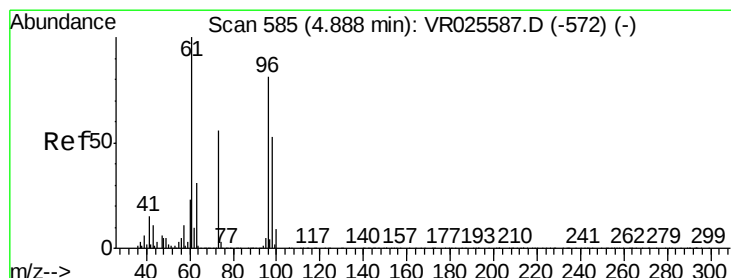
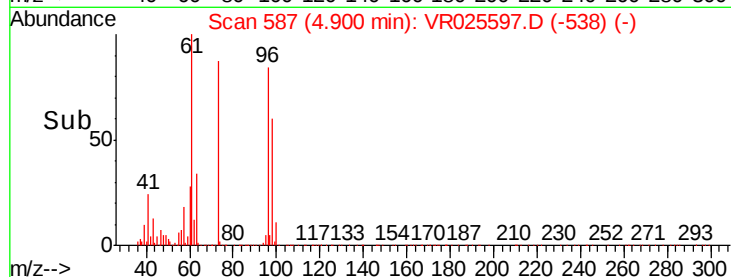
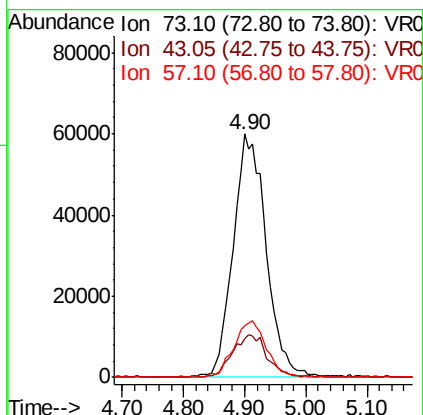
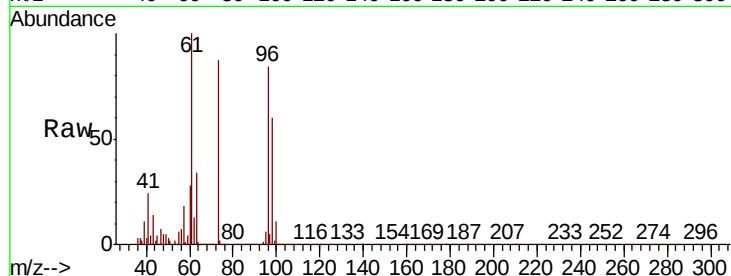




#17
Methvl tert-butvl Ether
Concen: 4.848 ug/L
RT: 4.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

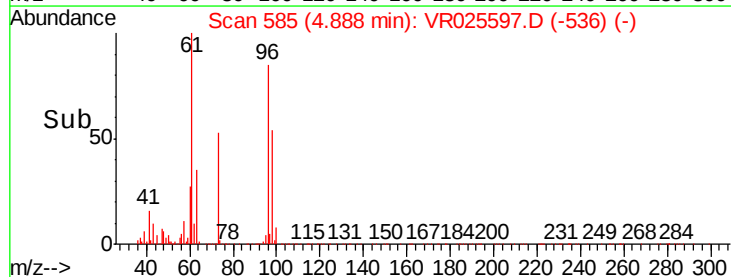
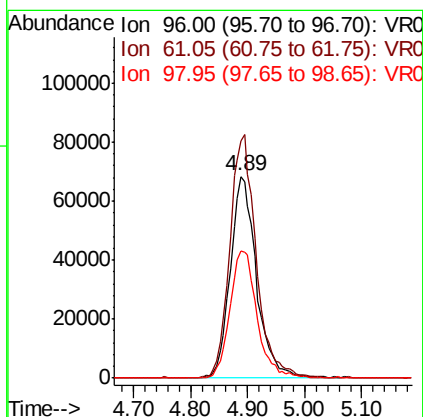
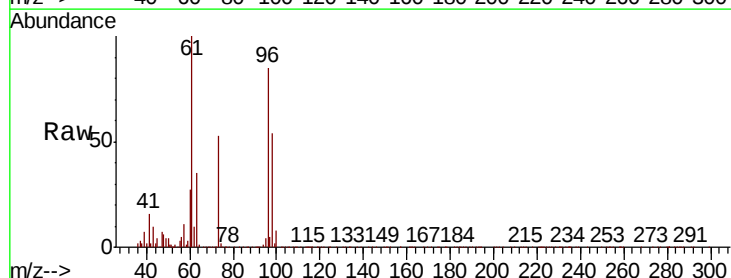
Instrument :
MSVOA_R
ClientSampled :

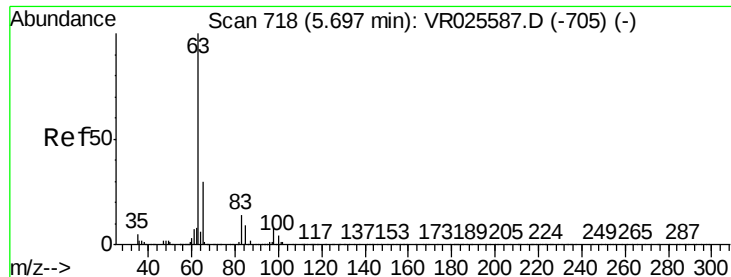
Tot Ion: 73 Resp: 223016
Ion Ratio Lower Upper
73 100
43 18.0 14.2 21.4
57 22.9 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.996 ug/L
RT: 4.89 min Scan# 585
Delta R.T. -0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion: 96 Resp: 219296
Ion Ratio Lower Upper
96 100
61 117.5 85.5 158.9
98 63.0 42.1 78.1

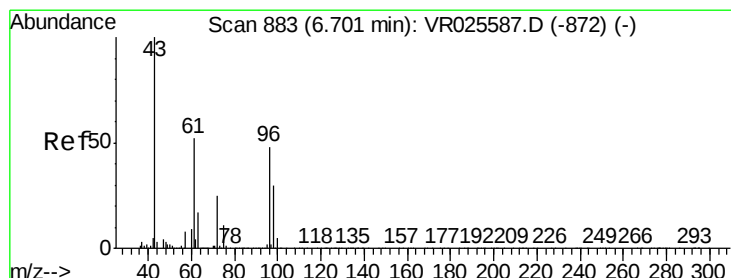
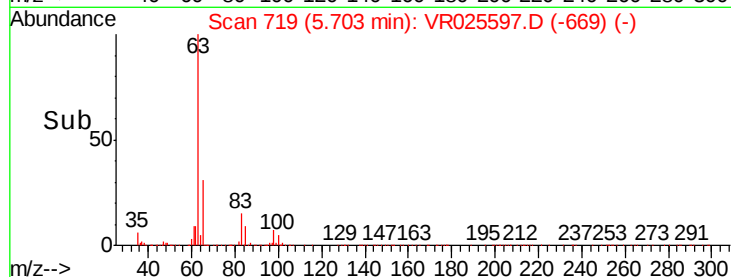
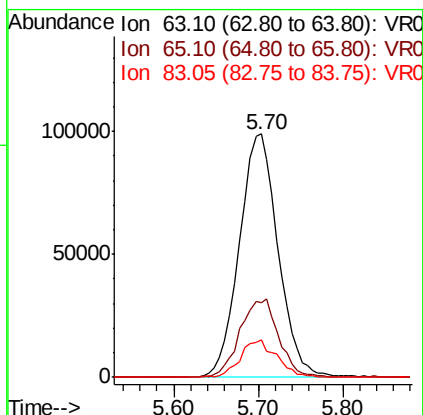
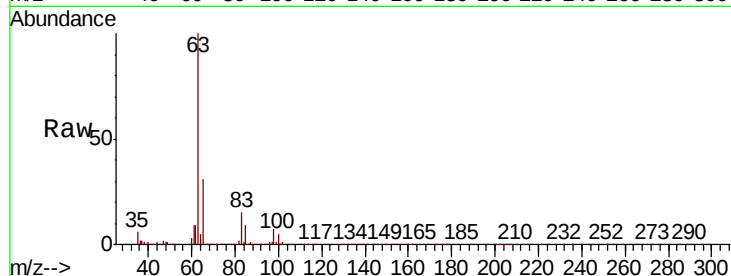




#19
 1,1-Dichloroethane
 Concen: 4.786 ug/L
 RT: 5.70 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

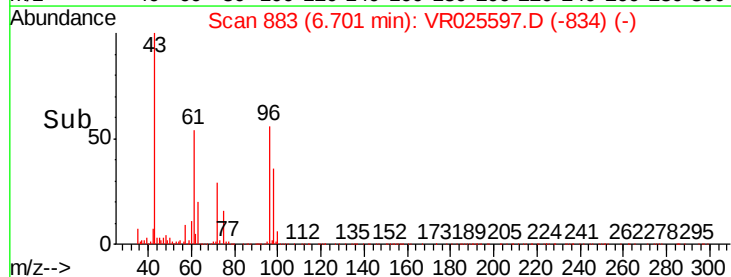
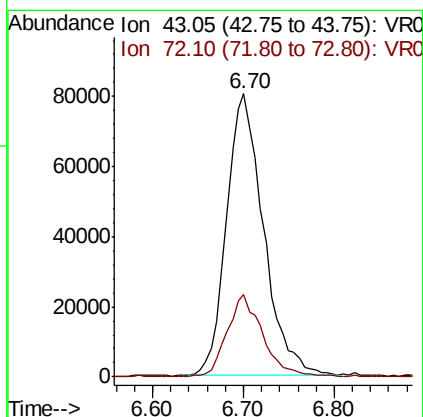
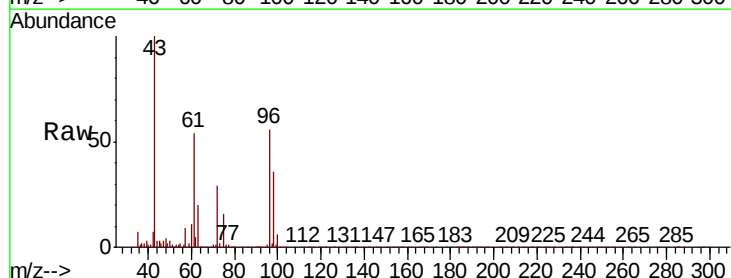
Instrument :
 MSVOA_R
 ClientSampled :

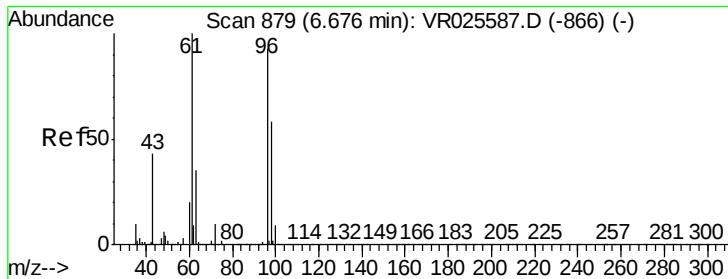
Tot Ion: 63 Resp: 307362
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.5 43.7
 83 15.4 9.1 16.9



#21
 2-Butanone
 Concen: 59.424 ug/L
 RT: 6.70 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion: 43 Resp: 228027
 Ion Ratio Lower Upper
 43 100
 72 28.1 13.2 39.6



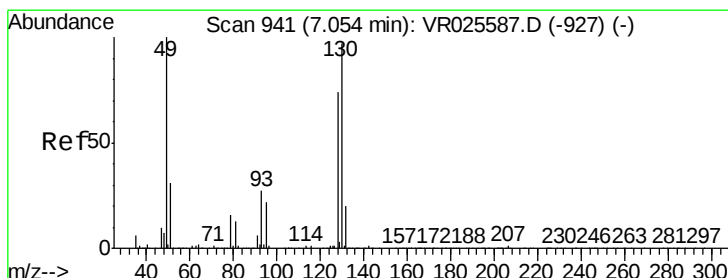
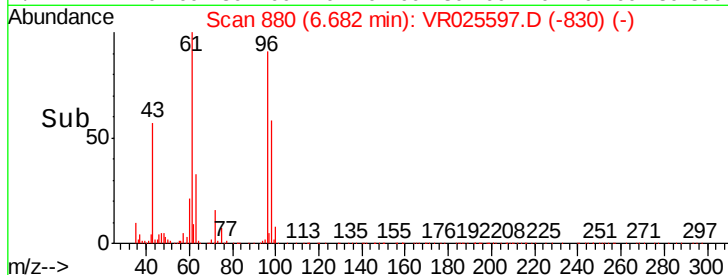
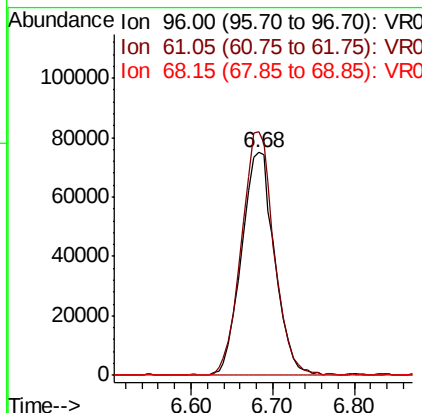
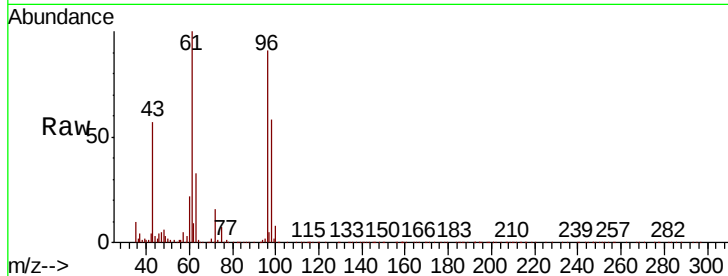


#22

cis-1,2-Dichloroethene
Concen: 5.268 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Instrument :
MSVOA_R
ClientSampled :

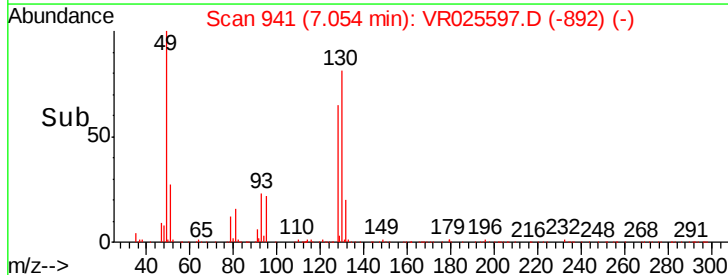
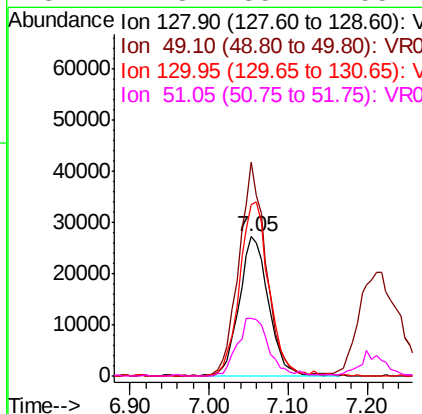
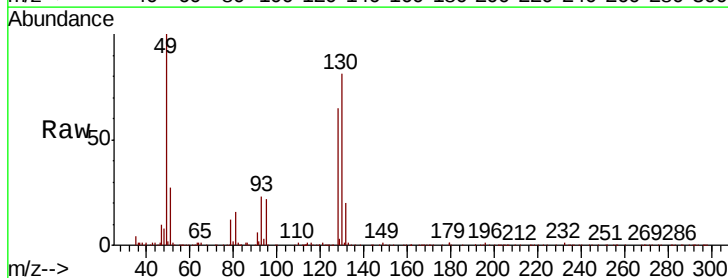
Tot Ion: 96 Resp: 211201
Ion Ratio Lower Upper
96 100
61 109.4 77.7 144.3
68 0.2 0.0 0.0#

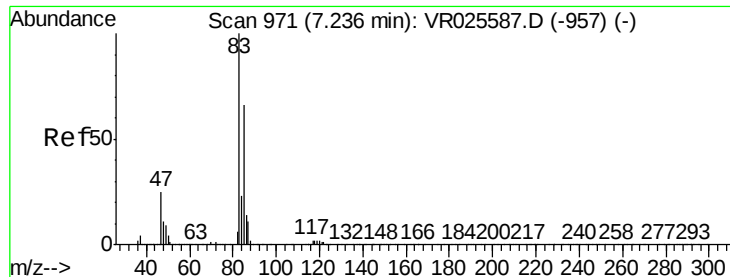


#23

Bromochloromethane
Concen: 5.271 ug/L
RT: 7.05 min Scan# 941
Delta R.T. -0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion:128 Resp: 70095
Ion Ratio Lower Upper
128 100
49 153.3 103.3 191.9
130 123.5 84.9 157.7
51 41.8 35.4 53.2

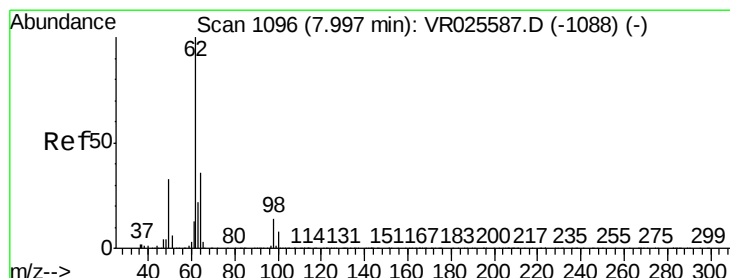
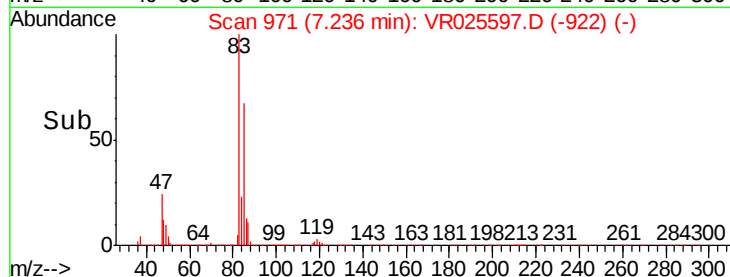
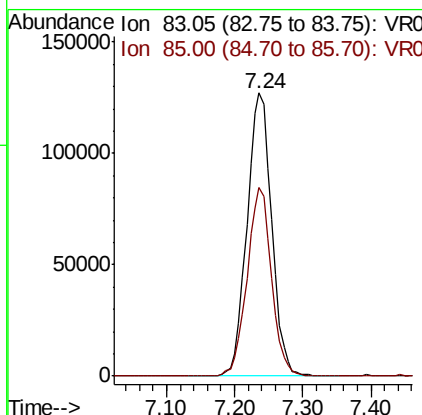
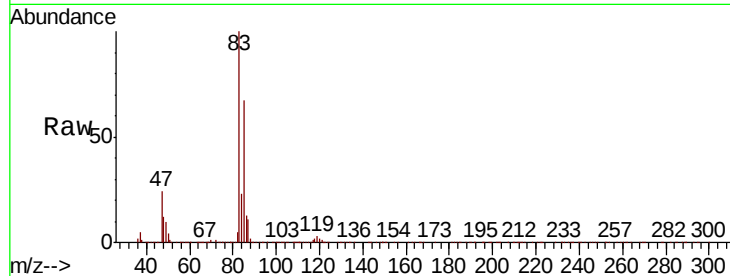




#25
Chloroform
Concen: 5.031 ug/L
RT: 7.24 min Scan# 971
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

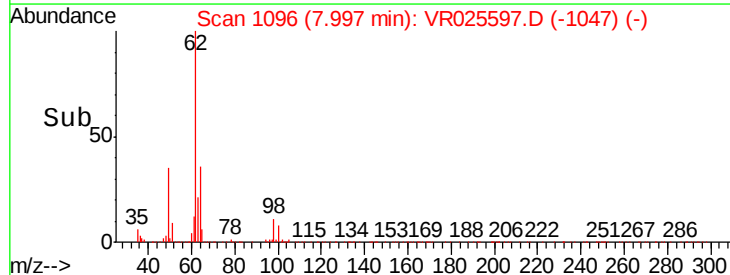
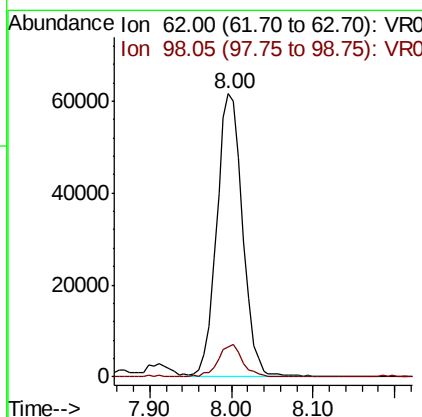
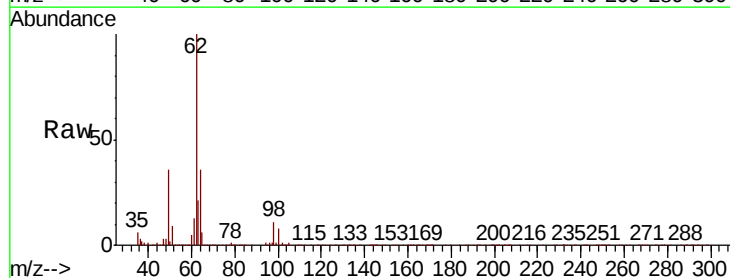
Instrument :
MSVOA_R
ClientSampleId :

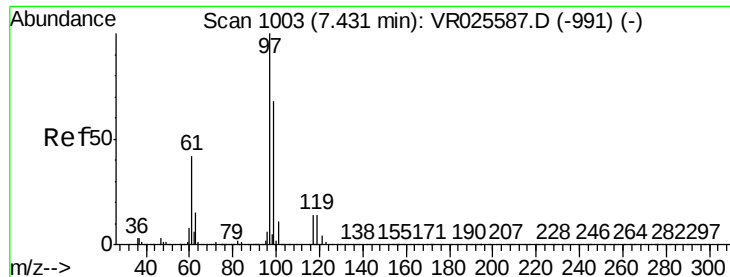
Tot Ion: 83 Resp: 319856
Ion Ratio Lower Upper
83 100
85 66.6 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.368 ug/L
RT: 8.00 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion: 62 Resp: 135996
Ion Ratio Lower Upper
62 100
98 10.6 6.6 9.8#





#29

1,1,1-Trichloroethane

Concen: 4.622 ug/L

RT: 7.43 min Scan# 1003

Delta R.T. -0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :

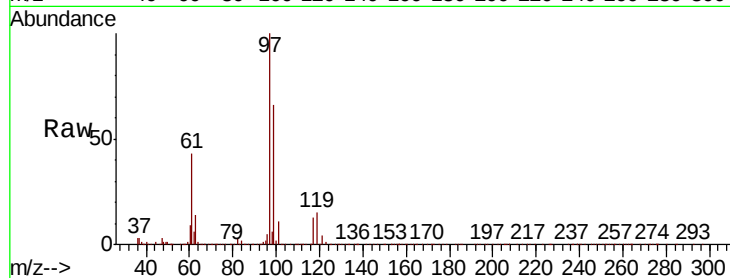
Tot Ion: 97 Resp: 229844

Ion Ratio Lower Upper

97 100

99 63.3 52.1 78.1

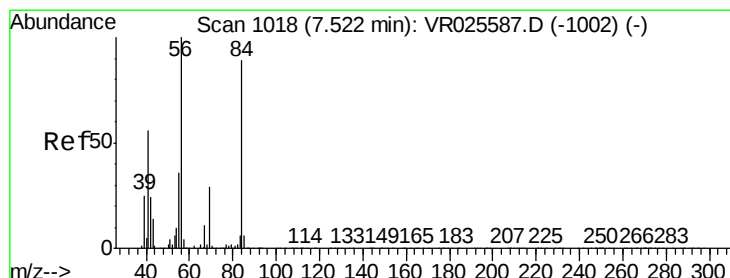
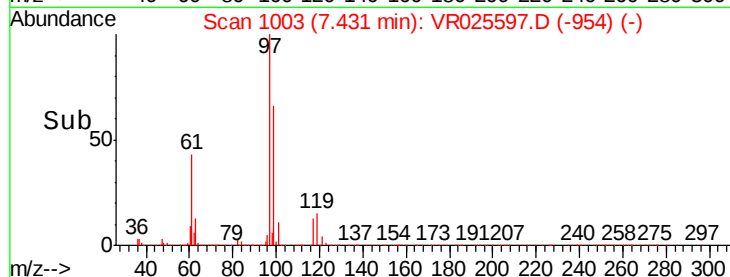
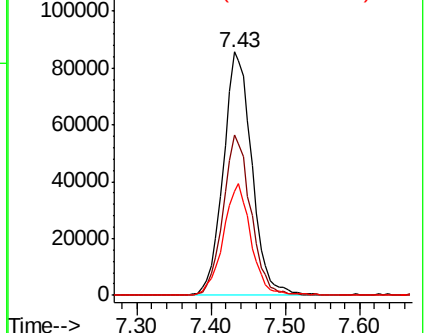
61 43.8 35.3 52.9



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#30

Cyclohexane

Concen: 5.243 ug/L

RT: 7.52 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

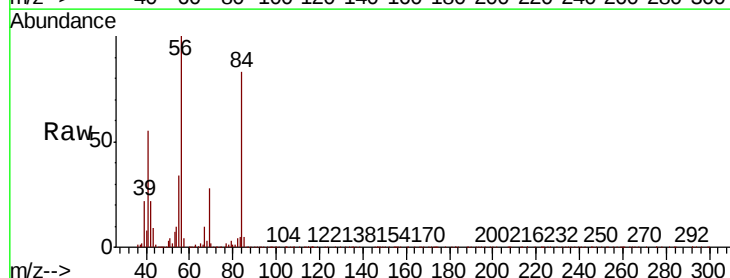
Tgt Ion: 56 Resp: 300366

Ion Ratio Lower Upper

56 100

69 30.1 24.6 36.8

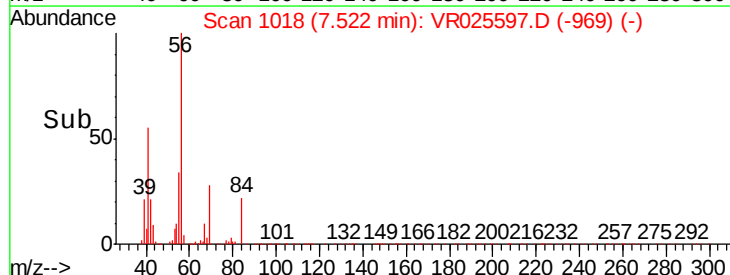
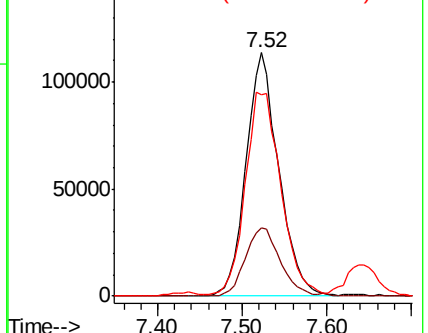
84 91.1 71.3 106.9

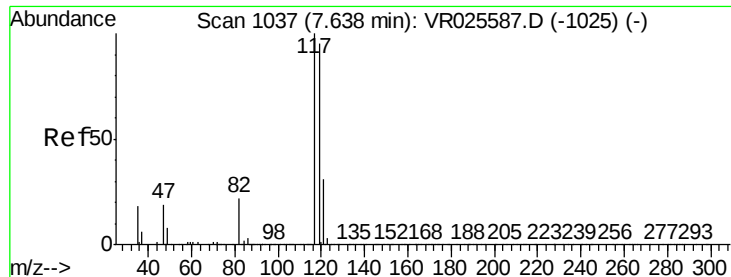


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#31

Carbon tetrachloride

Concen: 4.749 ug/L

RT: 7.64 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

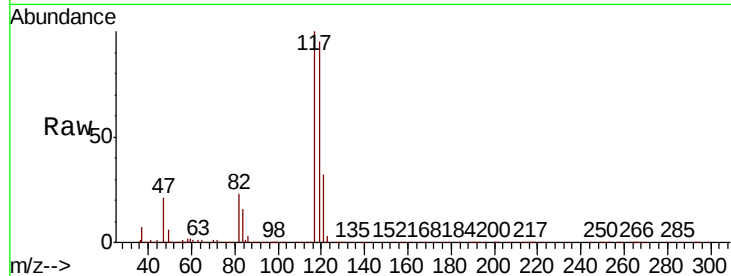
Instrument :
MSVOA_R
ClientSampled :

Tot Ion:117 Resp: 243758

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

7.64

100000

80000

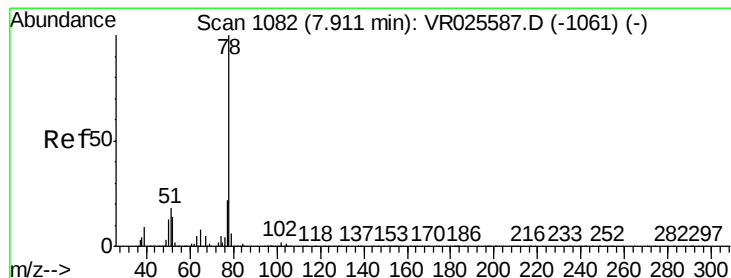
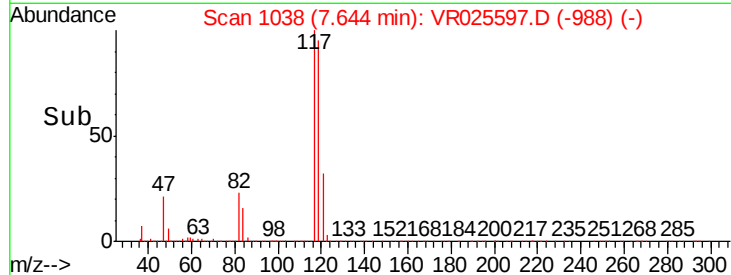
60000

40000

20000

0

Time-->



#33

Benzene

Concen: 4.999 ug/L

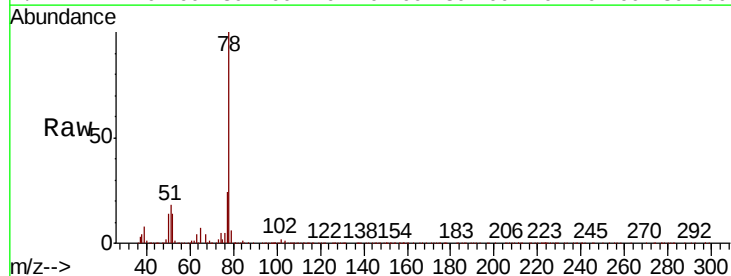
RT: 7.91 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Tgt Ion: 78 Resp: 867155



Abundance Ion 78.10 (77.80 to 78.80): VR0

7.91

400000

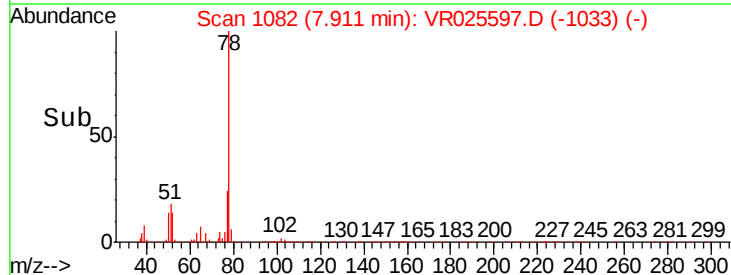
300000

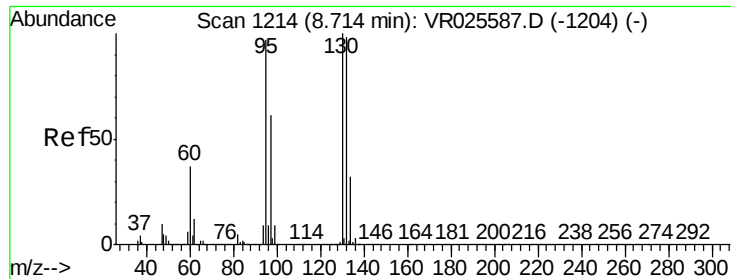
200000

100000

0

Time-->

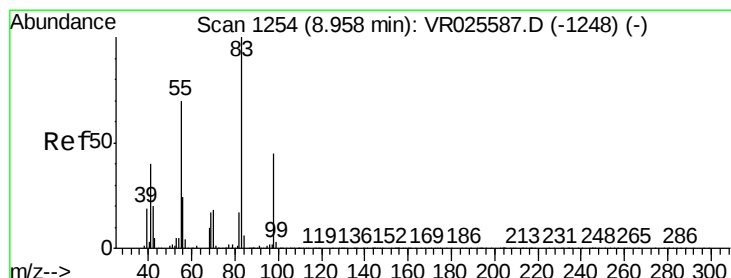
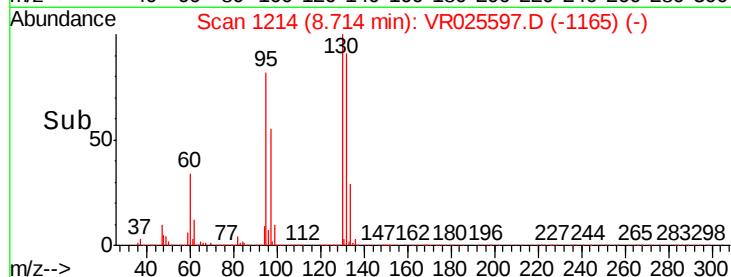
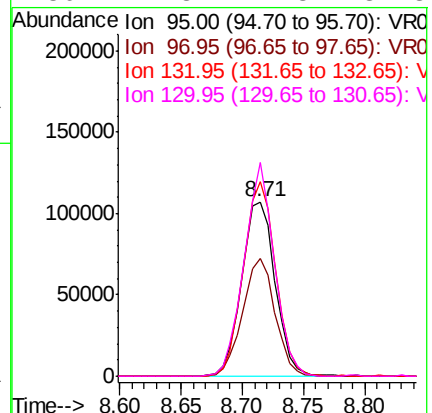
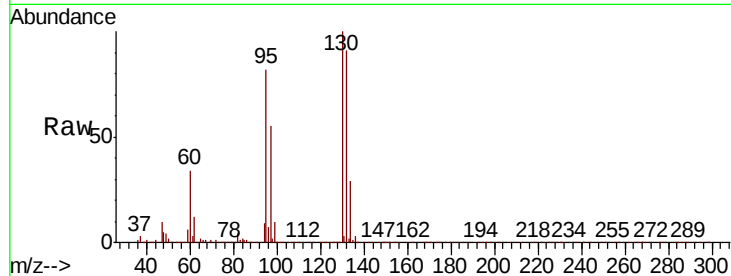




#34
 Trichloroethene
 Concen: 4.729 ug/L
 RT: 8.71 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

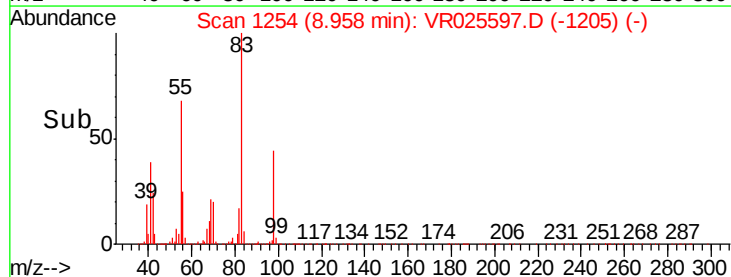
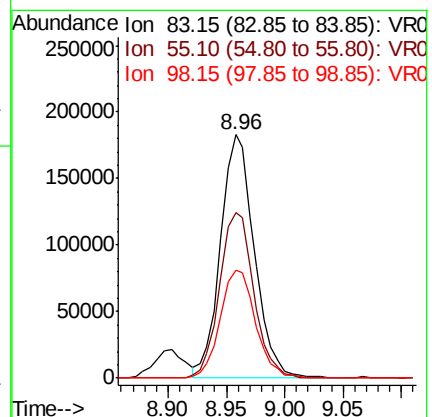
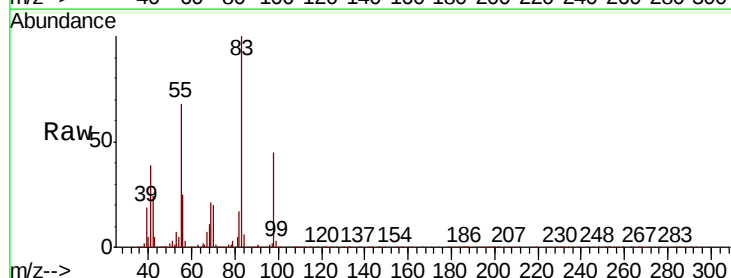
Instrument :
 MSVOA_R
 ClientSampleId :

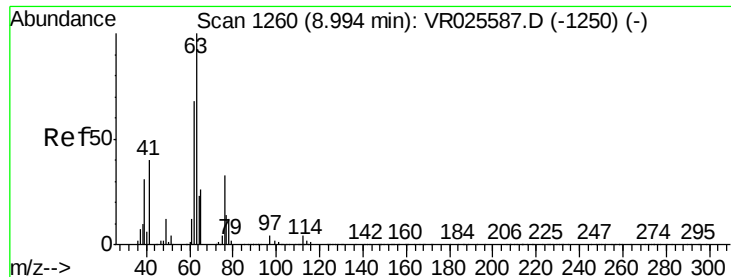
Tot Ion:	95	Resp:	204030
Ion	Ratio	Lower	Upper
95	100		
97	67.3	46.7	86.7
132	111.2	71.7	133.1
130	122.3	71.3	132.3



#35
 Methylcyclohexane
 Concen: 5.594 ug/L
 RT: 8.96 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion:	83	Resp:	362877
Ion	Ratio	Lower	Upper
83	100		
55	69.7	58.3	87.5
98	47.0	37.8	56.6

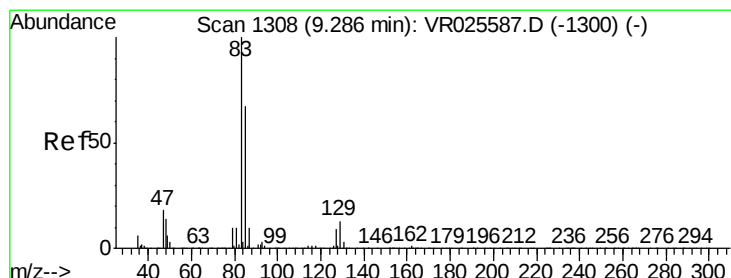
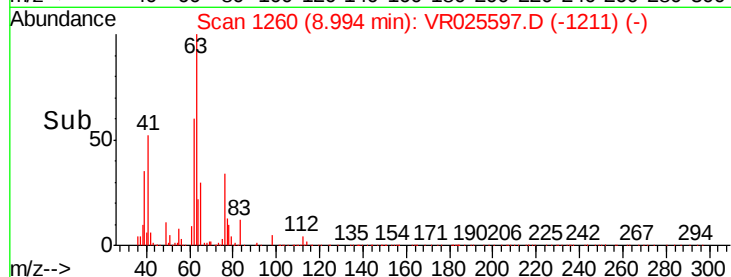
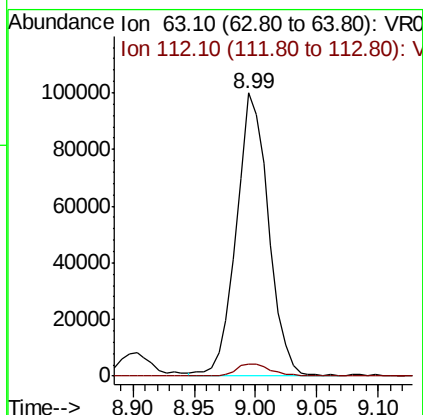
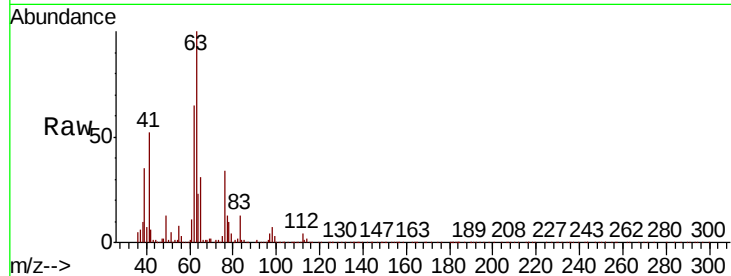




#37
 1,2-Dichloropropane
 Concen: 4.961 ug/L
 RT: 8.99 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

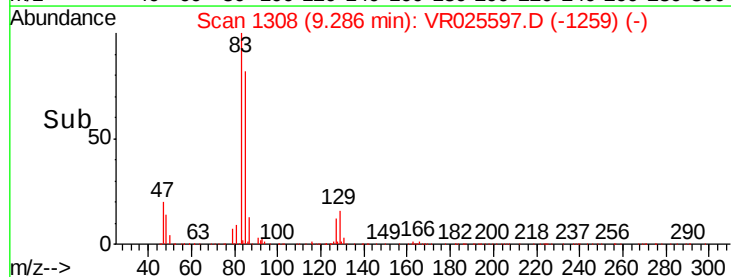
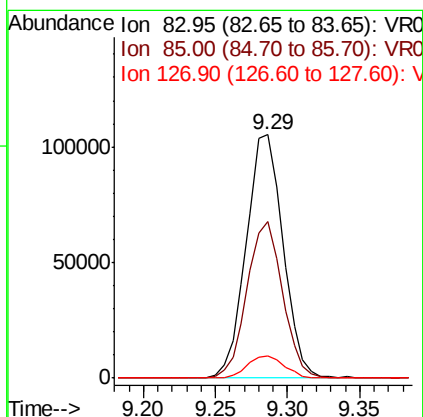
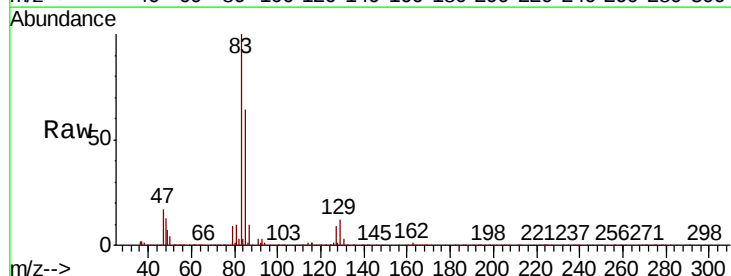
Instrument :
 MSVOA_R
 ClientSampled :

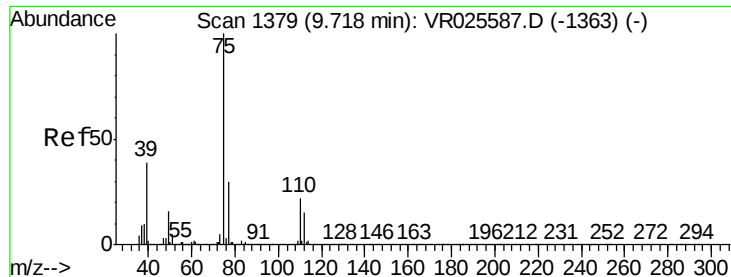
Tot Ion: 63 Resp: 181134
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.3 4.9



#38
 Bromodichloromethane
 Concen: 4.972 ug/L
 RT: 9.29 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion: 83 Resp: 185445
 Ion Ratio Lower Upper
 83 100
 85 64.1 44.0 81.6
 127 9.1 6.7 10.1



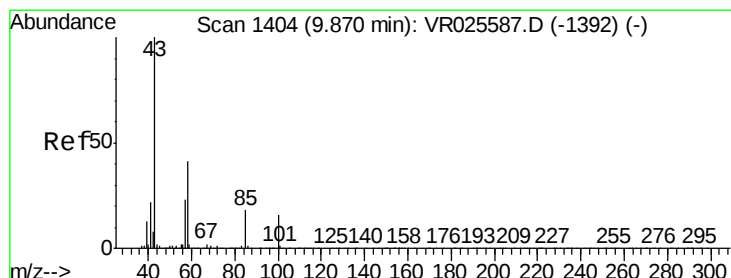
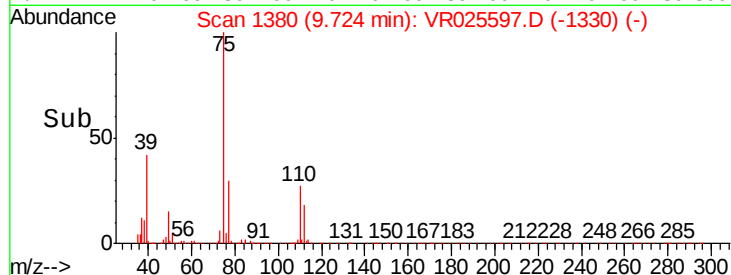
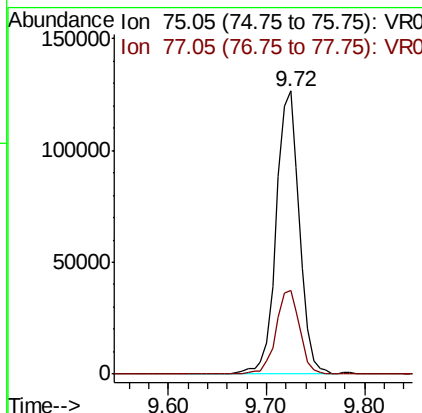
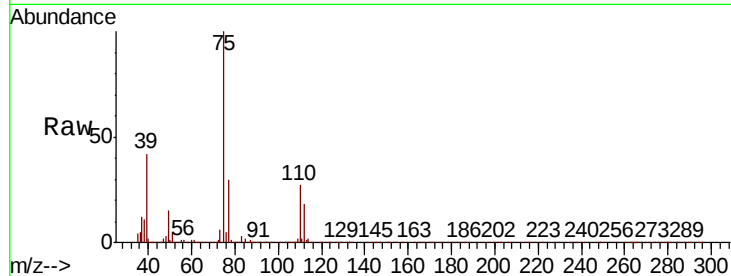


#39

cis-1,3-Dichloropropene
 Concen: 5.184 ug/L
 RT: 9.72 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Instrument :
 MSVOA_R
 ClientSampleId :

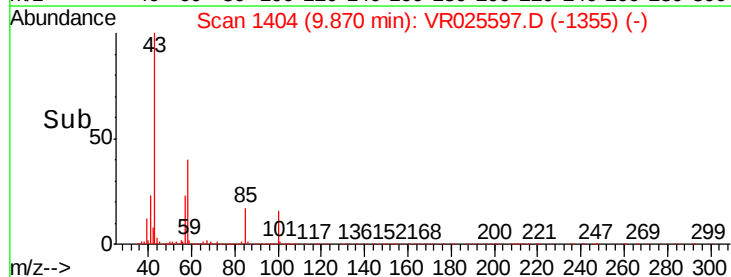
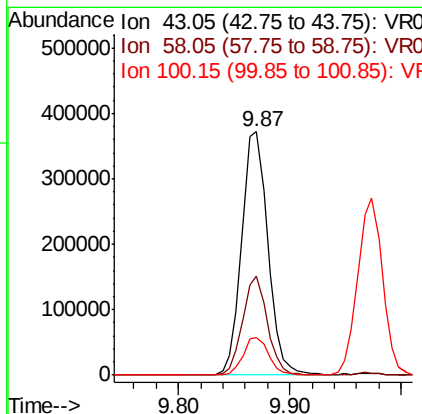
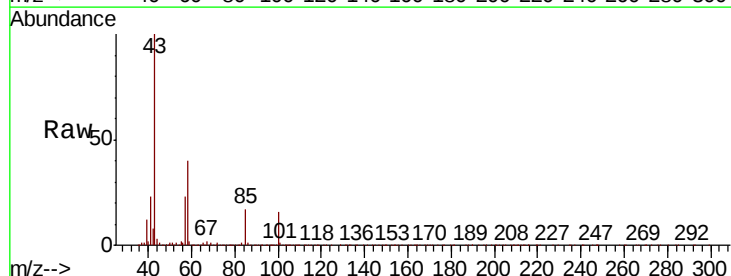
Tot Ion: 75 Resp: 208984
 Ion Ratio Lower Upper
 75 100
 77 29.8 21.6 40.0

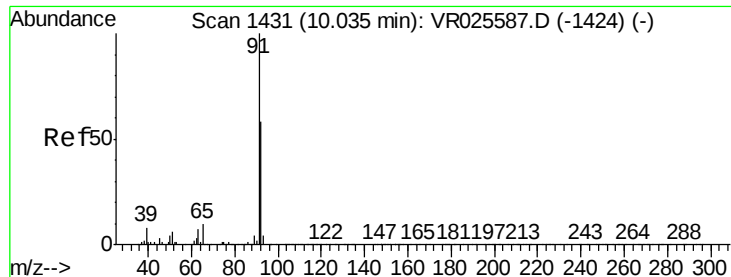


#40

4-Methyl-2-pentanone
 Concen: 59.248 ug/L
 RT: 9.87 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion: 43 Resp: 609626
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.0 46.6
 100 15.1 11.9 17.9





#42

Toluene

Concen: 5.462 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

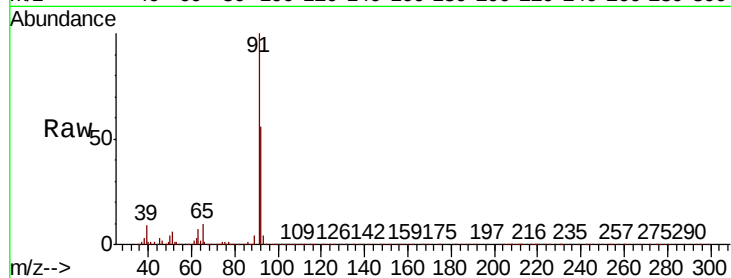
ClientSampleId :

Tot Ion: 91 Resp: 1008995

Ion Ratio Lower Upper

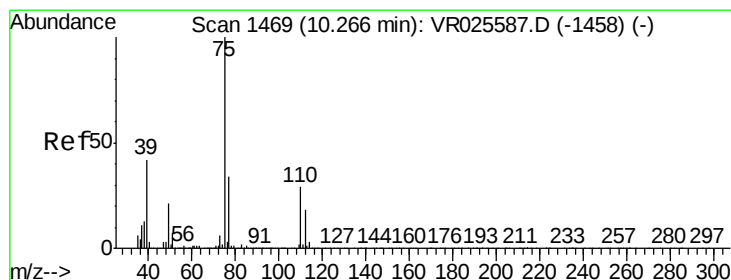
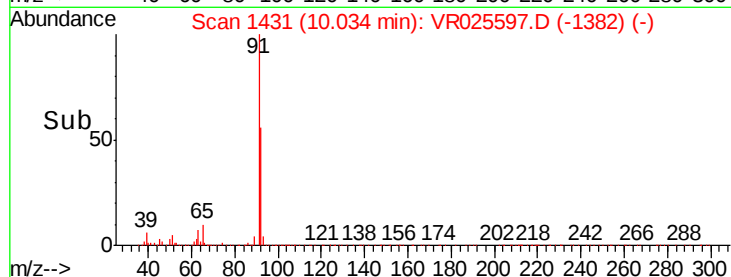
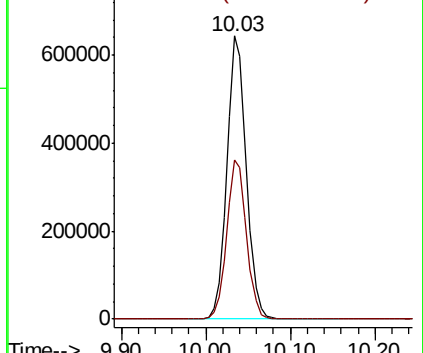
91 100

92 56.2 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0



#44

trans-1,3-Dichloropropene

Concen: 5.061 ug/L

RT: 10.27 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VR025597.D

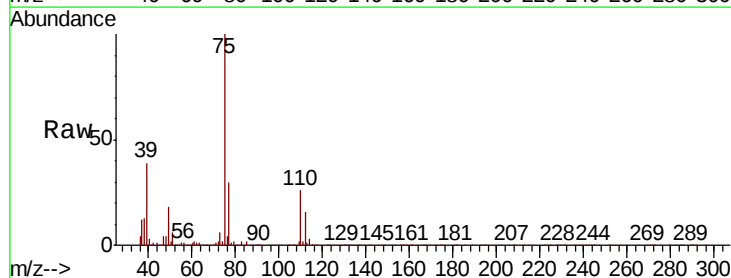
Acq: 8 Aug 2018 16:24

Tgt Ion: 75 Resp: 142450

Ion Ratio Lower Upper

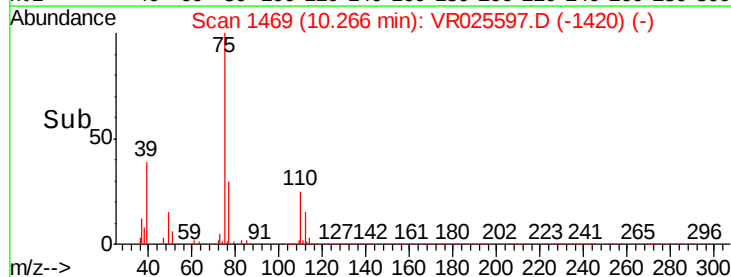
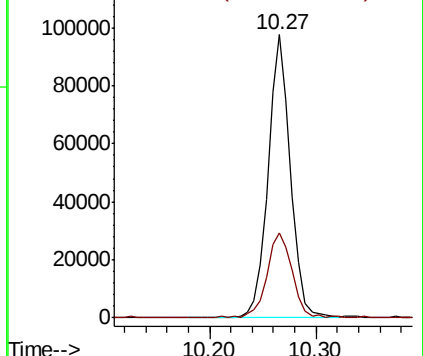
75 100

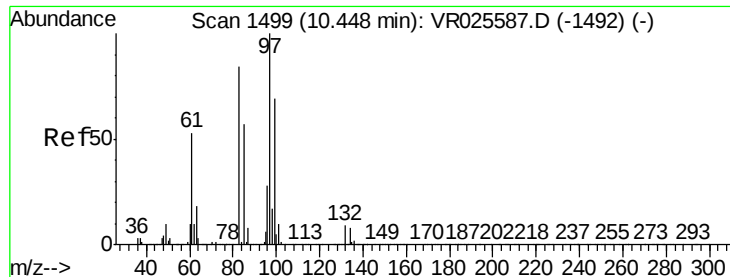
77 30.0 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

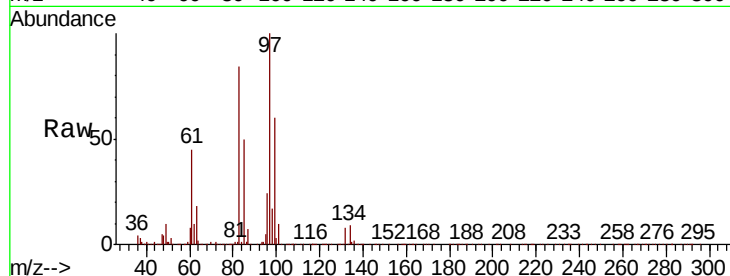




#45
 1,1,2-Trichloroethane
 Concen: 5.389 ug/L
 RT: 10.45 min Scan# 1499
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion:	97	Resp:	97995
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.4	80.6
83	83.9	57.3	106.5
85	50.0	35.8	66.4



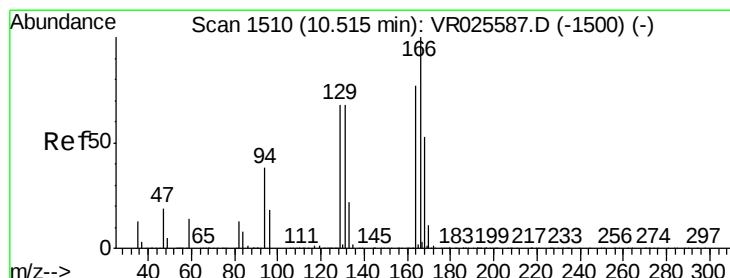
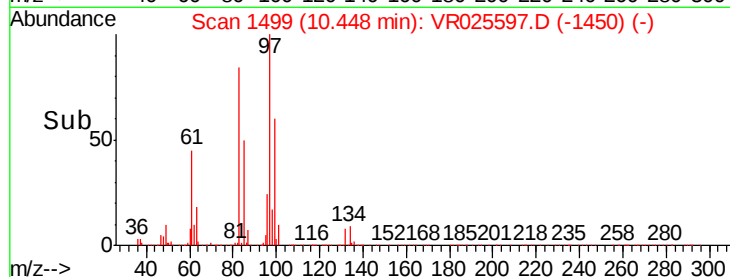
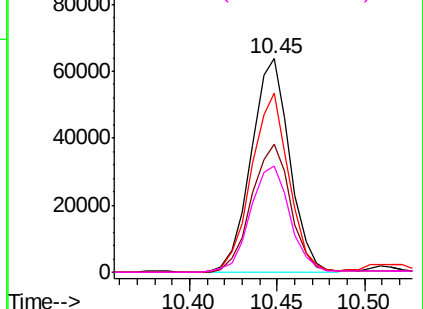
Abundance

Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

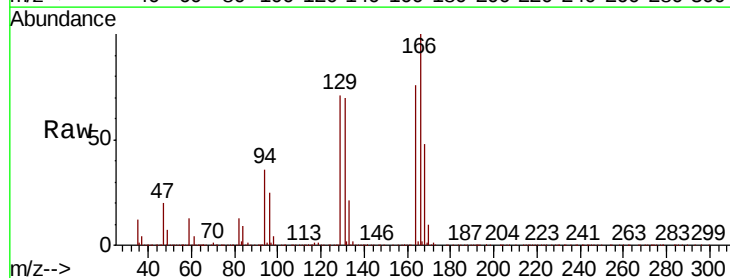
Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0



#47
 Tetrachloroethene
 Concen: 5.414 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion:	164	Resp:	199845
Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.0	117.0
131	91.9	60.6	112.6
166	130.8	87.6	162.8



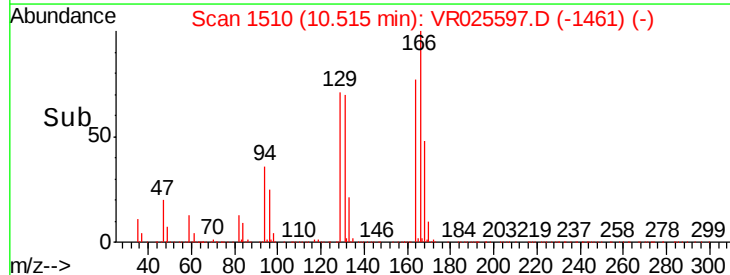
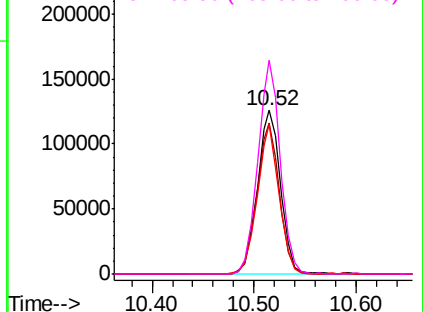
Abundance

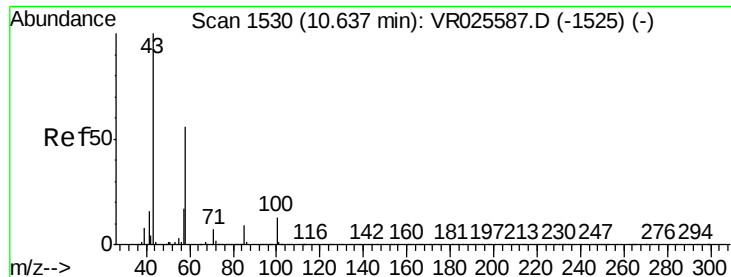
Ion 163.90 (163.60 to 164.60): V

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

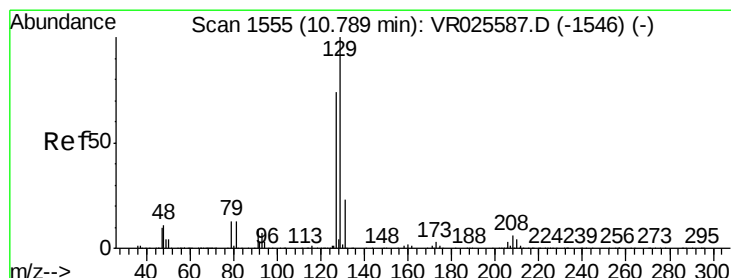
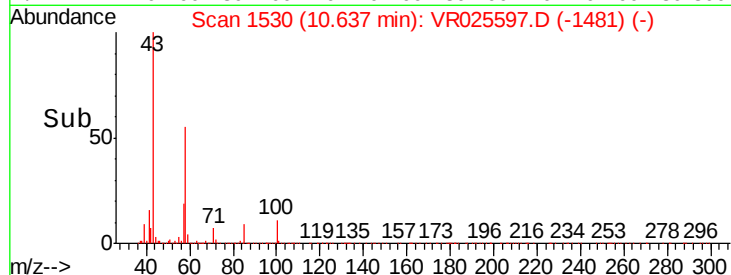
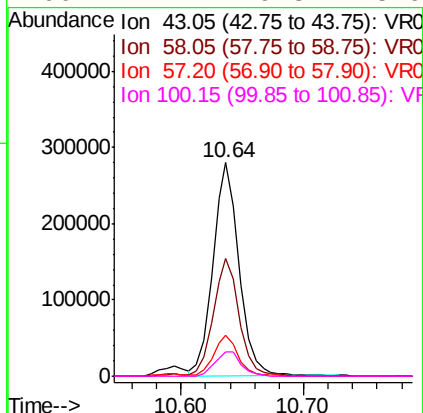
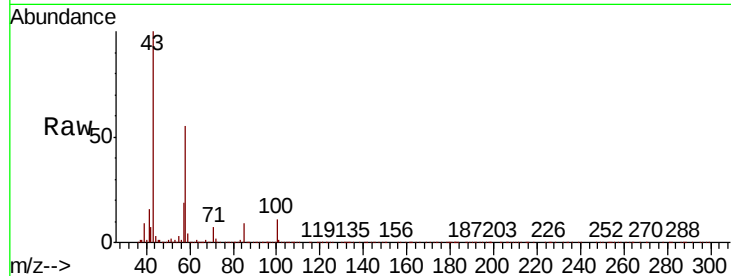




#48
2-Hexanone
Concen: 59.714 ug/L
RT: 10.64 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

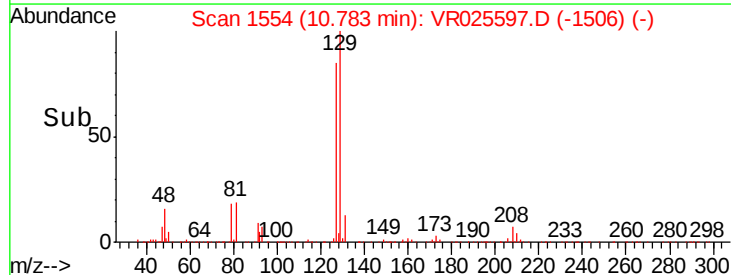
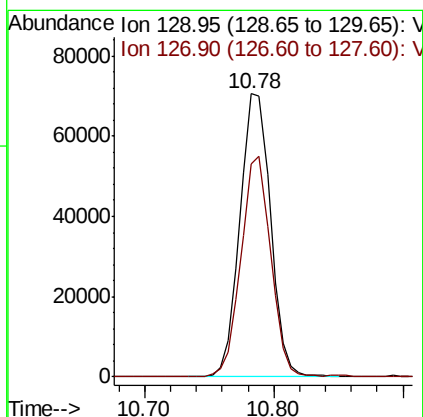
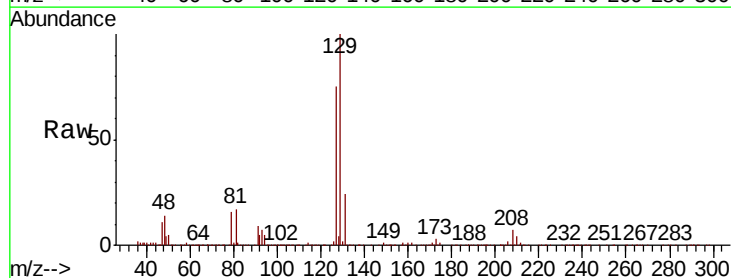
Instrument :
MSVOA_R
ClientSampleId :

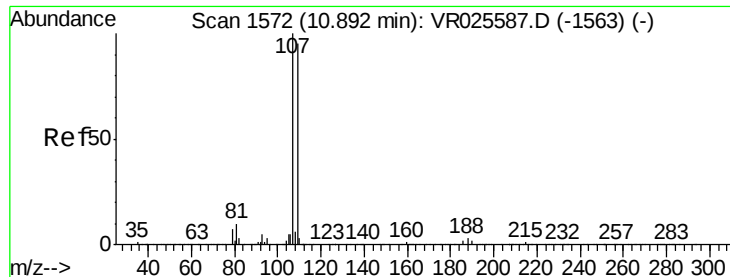
Tot Ion:	43	Resp:	414356
Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.0	67.6
57	18.5	15.8	23.6
100	11.7	9.3	13.9



#49
Dibromochloromethane
Concen: 5.414 ug/L
RT: 10.78 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion:	129	Resp:	116132
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.3	100.9

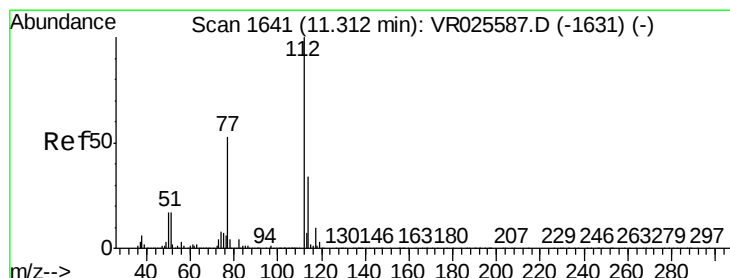
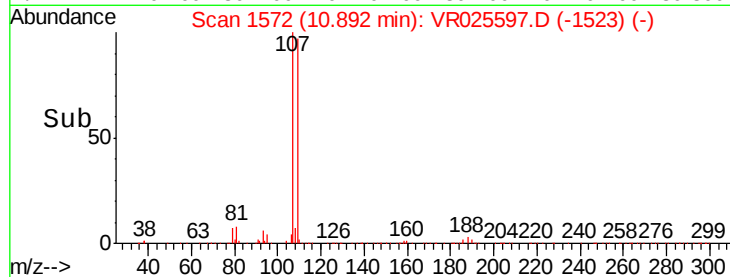
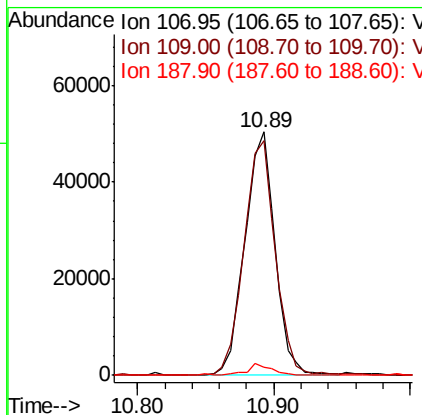
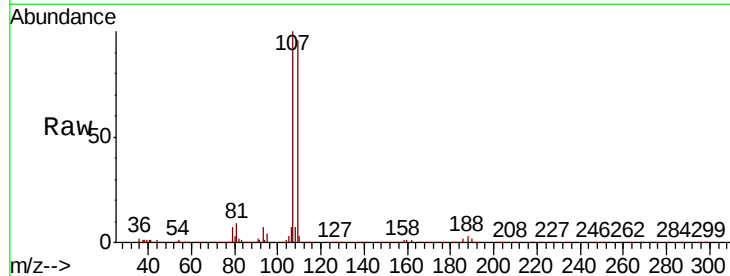




#50
1,2-Dibromoethane
Concen: 5.154 ug/L
RT: 10.89 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

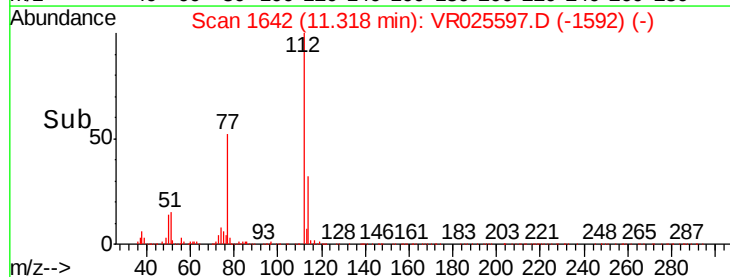
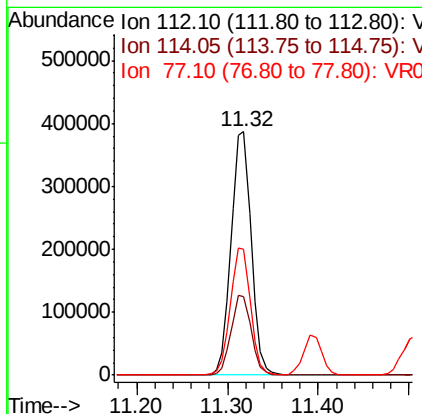
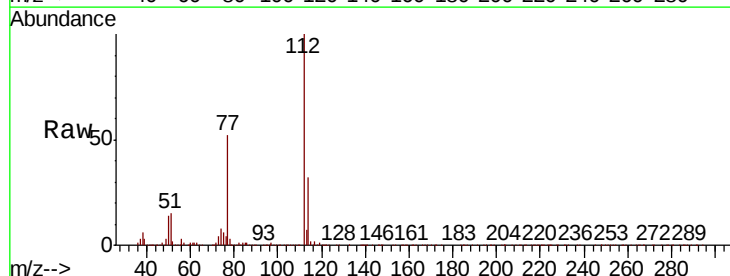
Instrument :
MSVOA_R
ClientSampleId :

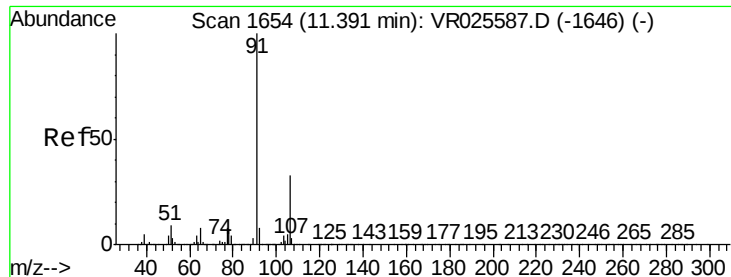
Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	60.6	112.6
188	3.3	2.4	3.6



#51
Chlorobenzene
Concen: 5.344 ug/L
RT: 11.32 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.8	40.4
77	51.6	41.8	62.8





#52

Ethylbenzene

Concen: 5.471 ug/L

RT: 11.39 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

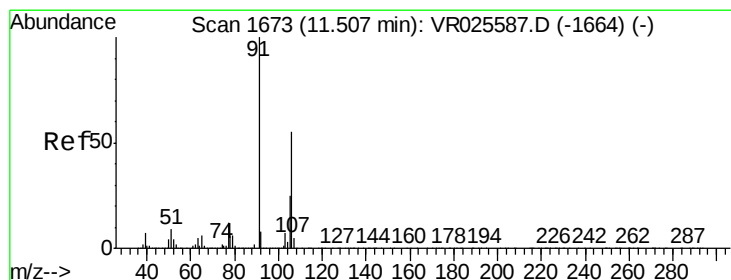
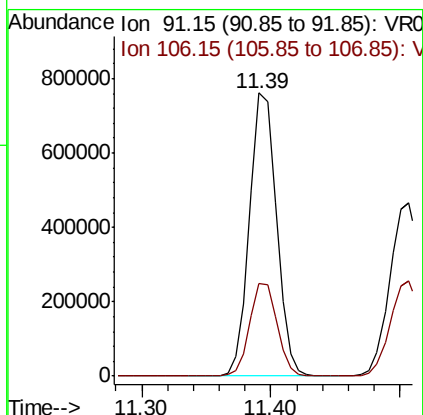
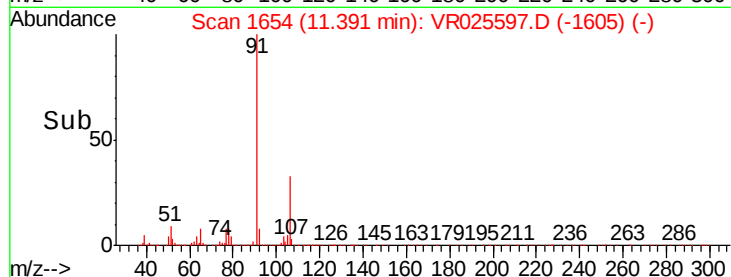
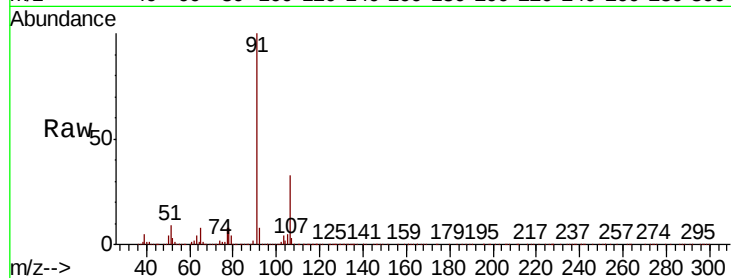
ClientSampled :

Tot Ion: 91 Resp: 1098803

Ion Ratio Lower Upper

91 100

106 32.8 23.6 43.8



#53

m,p-Xylene

Concen: 5.634 ug/L

RT: 11.51 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VR025597.D

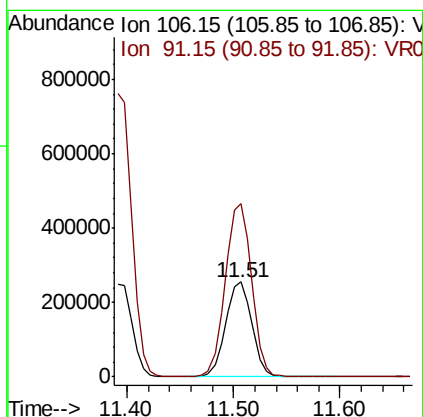
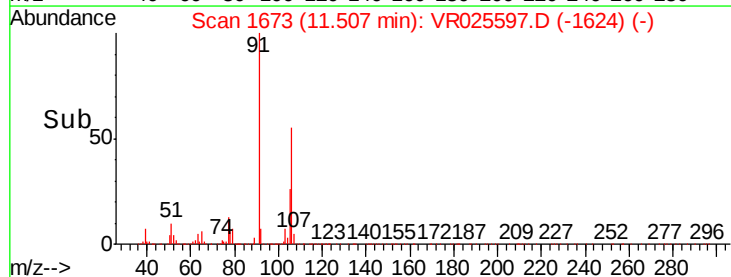
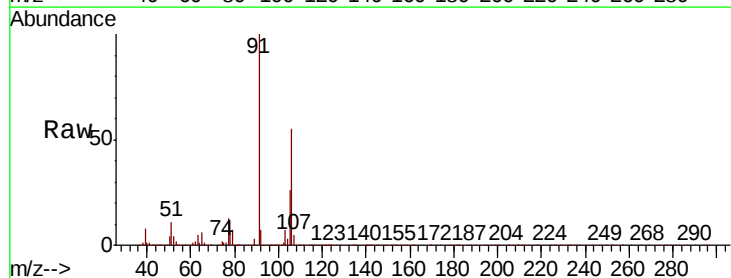
Acq: 8 Aug 2018 16:24

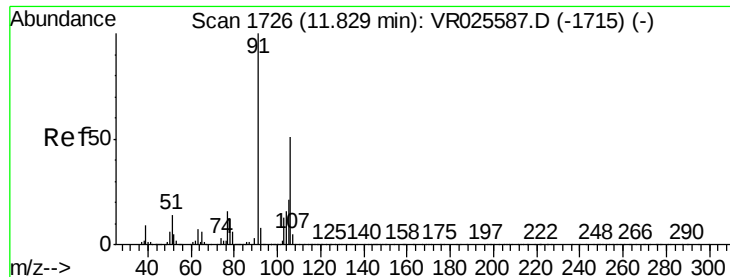
Tgt Ion:106 Resp: 437863

Ion Ratio Lower Upper

106 100

91 181.8 128.2 238.0

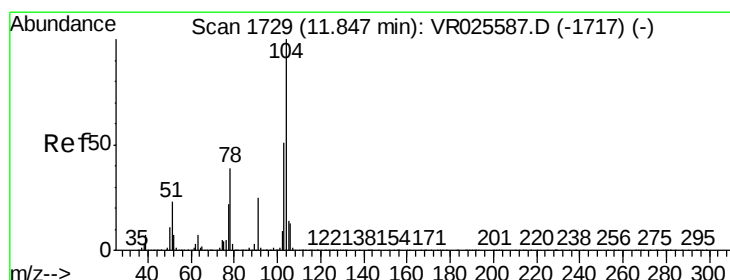
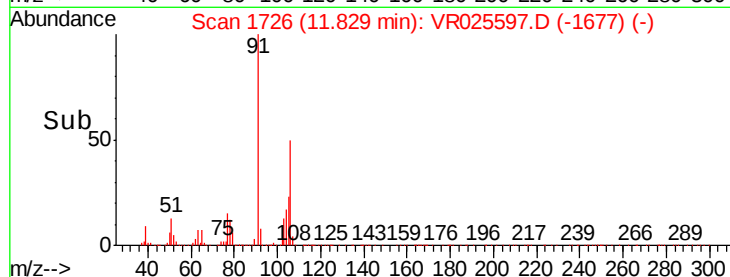
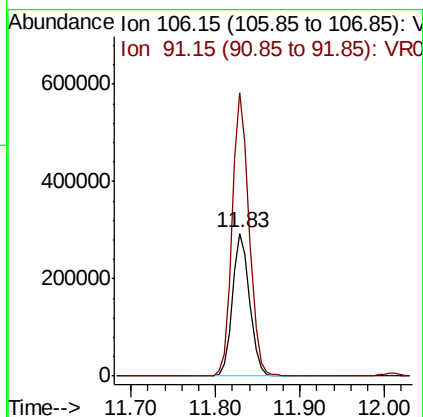
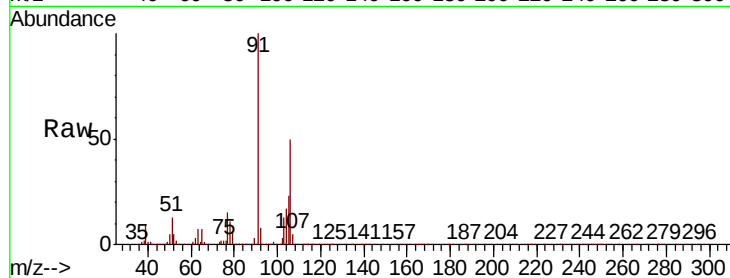




#54
o-Xylene
Concen: 5.691 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

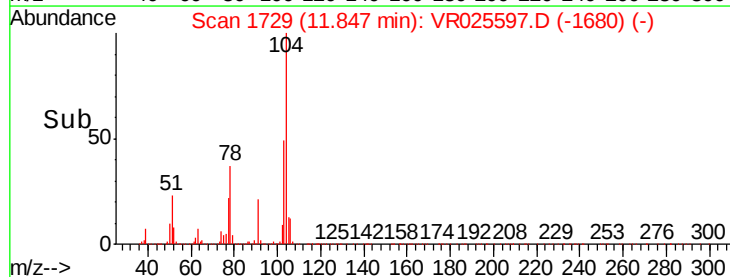
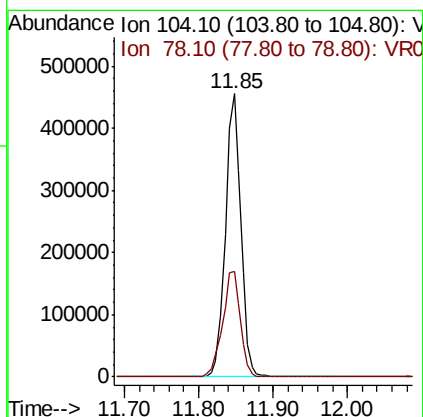
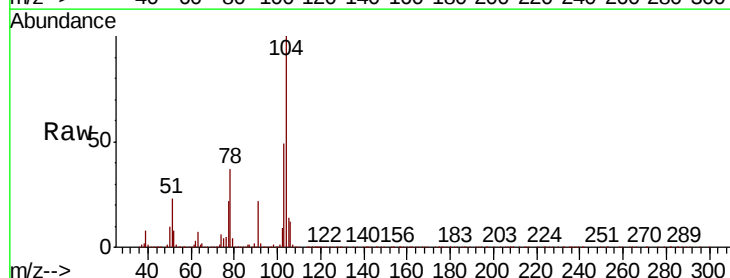
Instrument :
MSVOA_R
ClientSampleId :

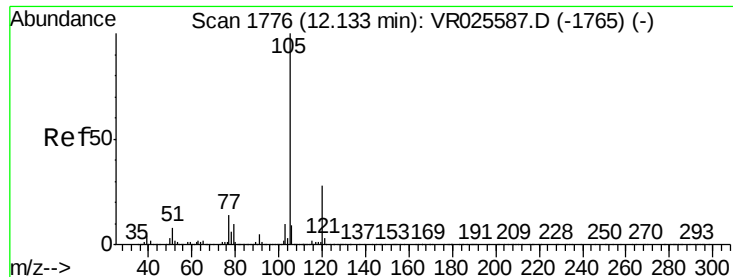
Tot Ion:106 Resp: 406056
Ion Ratio Lower Upper
106 100
91 198.5 143.0 265.6



#55
Styrene
Concen: 5.805 ug/L
RT: 11.85 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VR025597.D
Acq: 8 Aug 2018 16:24

Tgt Ion:104 Resp: 659825
Ion Ratio Lower Upper
104 100
78 37.1 26.0 48.2





#56

Isopropylbenzene

Concen: 5.743 ug/L

RT: 12.13 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :

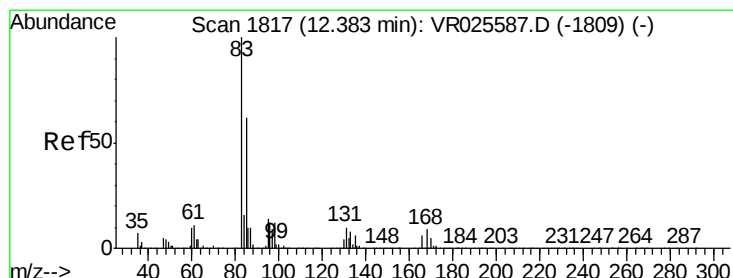
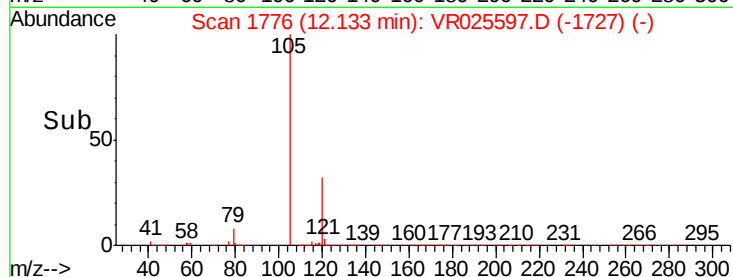
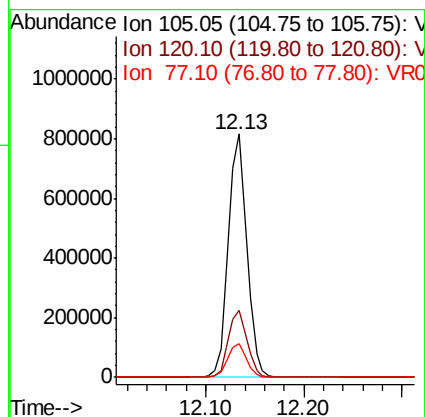
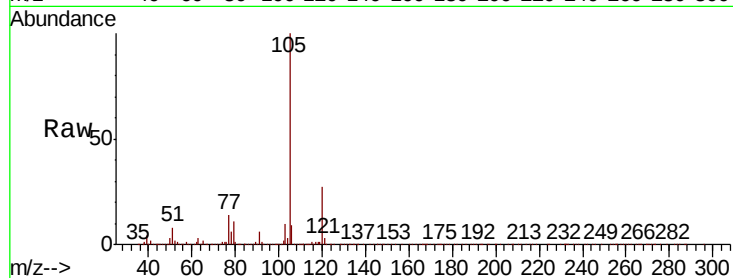
Tot Ion:105 Resp: 1077803

Ion Ratio Lower Upper

105 100

120 27.7 22.5 33.7

77 14.1 11.8 17.6



#58

1,1,2,2-Tetrachloroethane

Concen: 5.535 ug/L

RT: 12.38 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

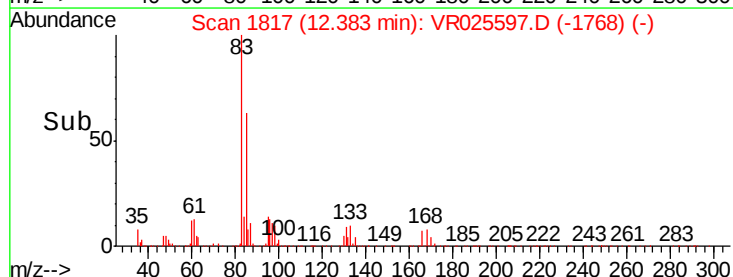
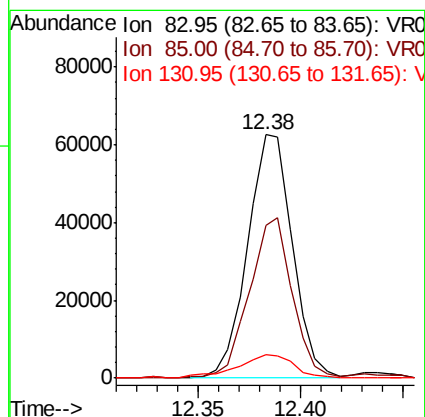
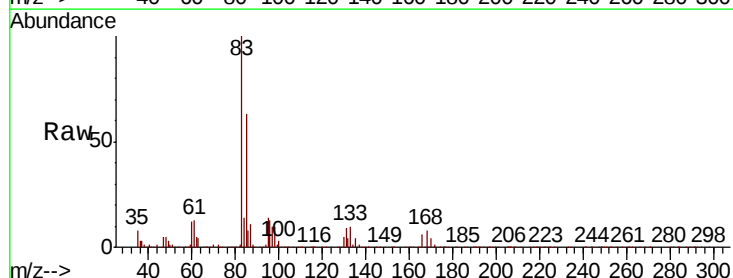
Tgt Ion: 83 Resp: 95377

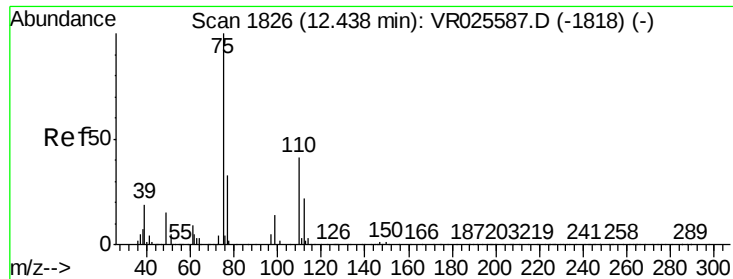
Ion Ratio Lower Upper

83 100

85 62.8 42.5 78.9

131 9.4 8.6 13.0

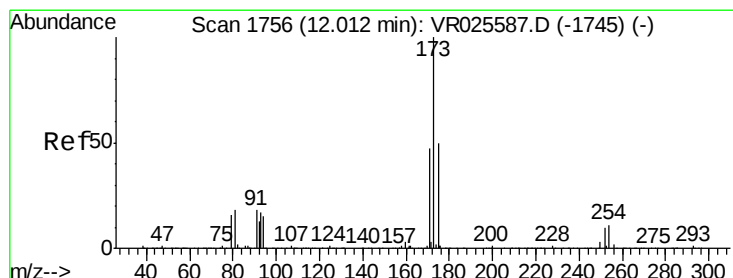
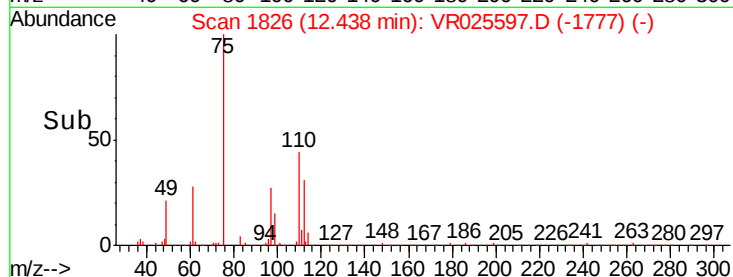
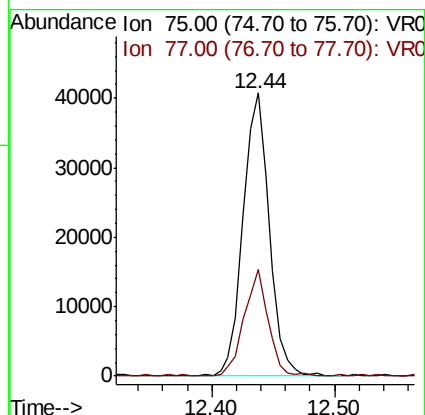
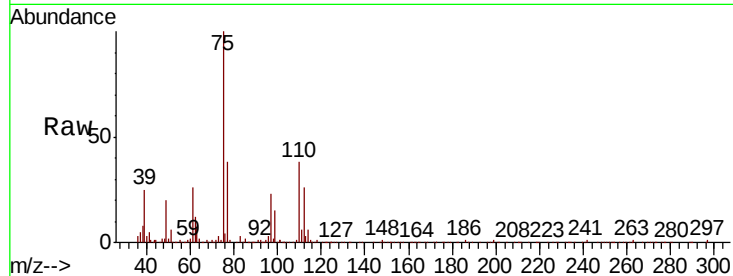




#59
 1,2,3-Trichloropropane
 Concen: 5.248 ug/L
 RT: 12.44 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

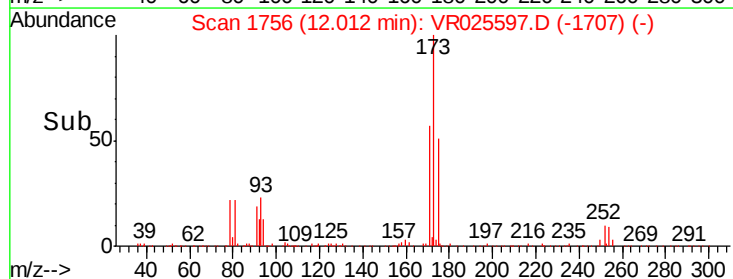
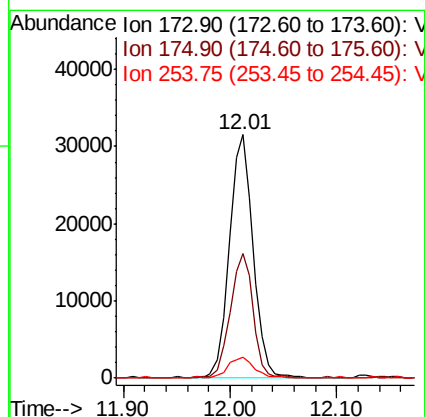
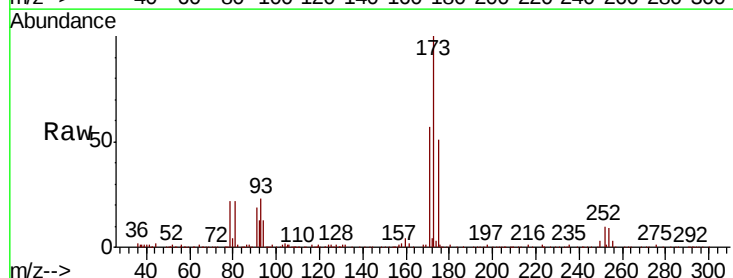
Instrument :
 MSVOA_R
 ClientSampleId :

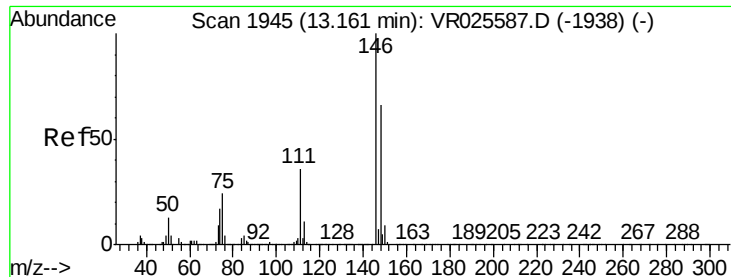
Tot Ion: 75 Resp: 60417
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.7 37.1



#61
 Bromoform
 Concen: 4.710 ug/L
 RT: 12.01 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion:173 Resp: 49309
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.3 58.9
 254 9.7 7.5 11.3





#62

1,3-Dichlorobenzene

Concen: 4.995 ug/L

RT: 13.16 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :

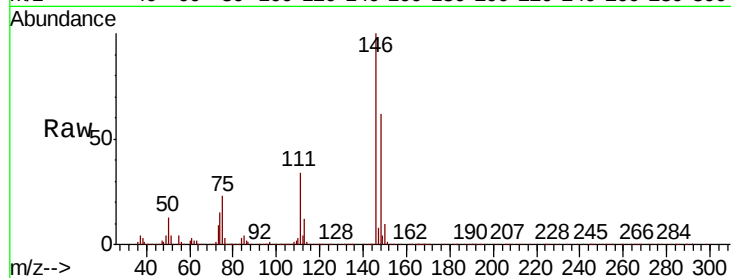
Tot Ion:146 Resp: 379606

Ion Ratio Lower Upper

146 100

111 34.4 26.2 48.6

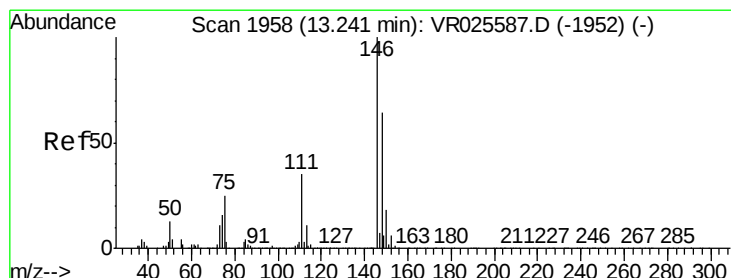
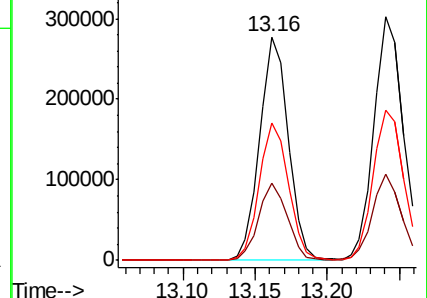
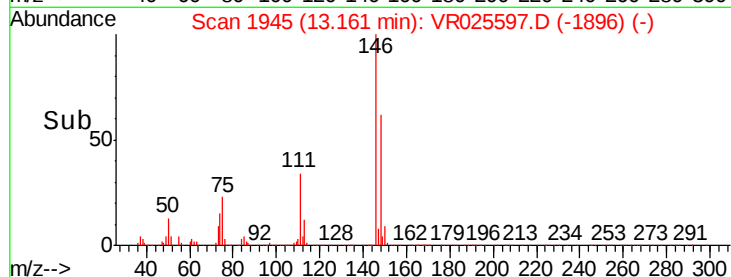
148 61.5 45.2 84.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.099 ug/L

RT: 13.24 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

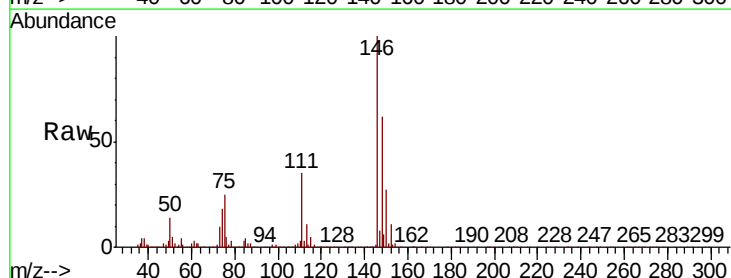
Tgt Ion:146 Resp: 420624

Ion Ratio Lower Upper

146 100

111 35.3 25.6 47.6

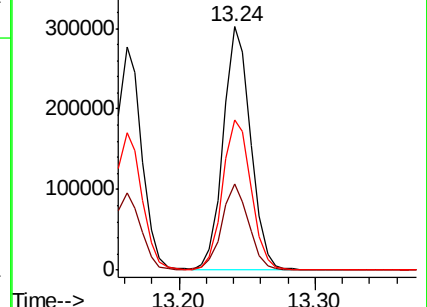
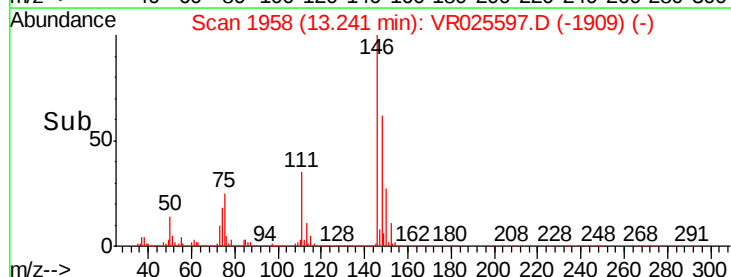
148 61.9 44.2 82.0

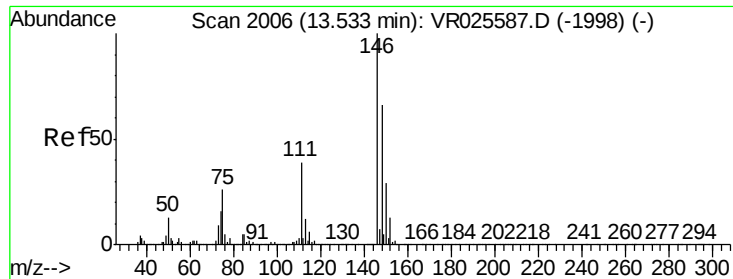


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

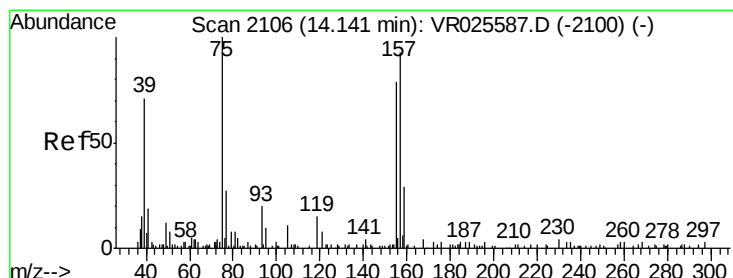
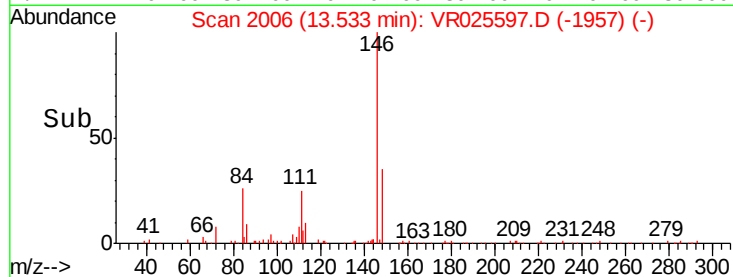
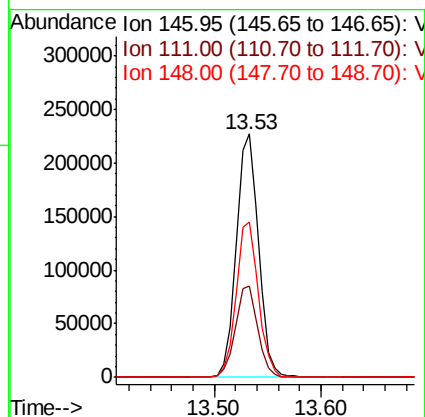
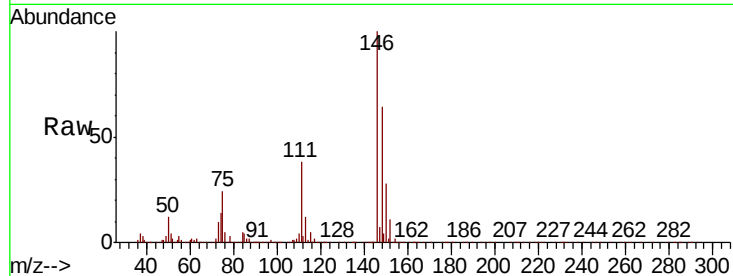




#65
 1,2-Dichlorobenzene
 Concen: 5.090 ug/L
 RT: 13.53 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

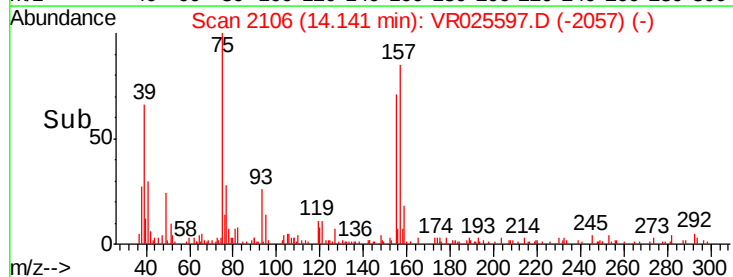
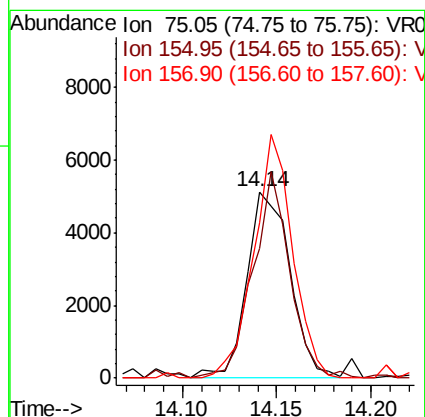
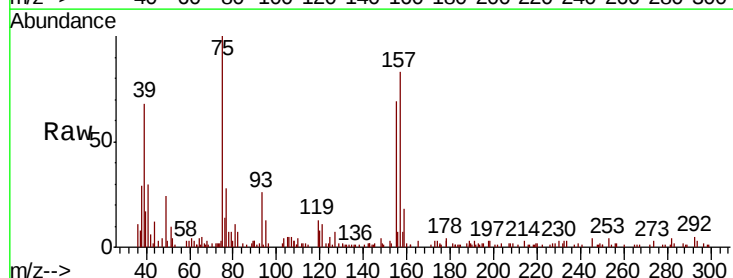
Instrument :
 MSVOA_R
 ClientSampleId :

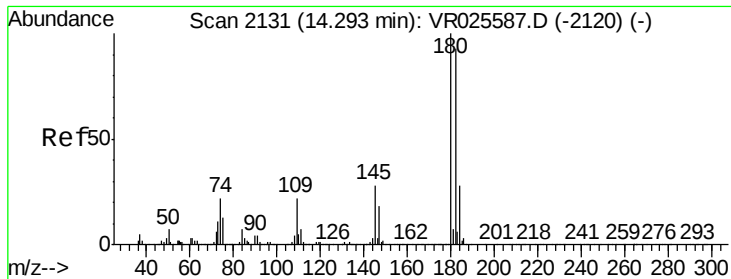
Tot Ion:146 Resp: 332348
 Ion Ratio Lower Upper
 146 100
 111 37.7 28.9 43.3
 148 63.8 52.1 78.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.055 ug/L
 RT: 14.14 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion: 75 Resp: 8192
 Ion Ratio Lower Upper
 75 100
 155 69.4 62.3 93.5
 157 83.3 67.7 101.5

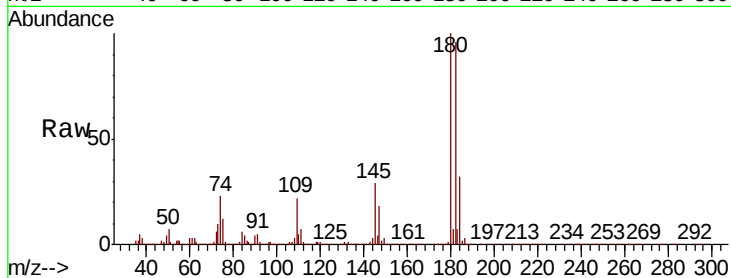




#67
 1,3,5-Trichlorobenzene
 Concen: 4.985 ug/L
 RT: 14.29 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion:	180	Resp:	257543
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.0	112.4
184	30.8	24.1	36.1
145	28.2	24.1	36.1



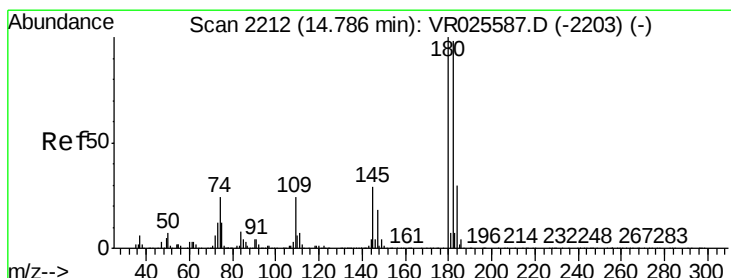
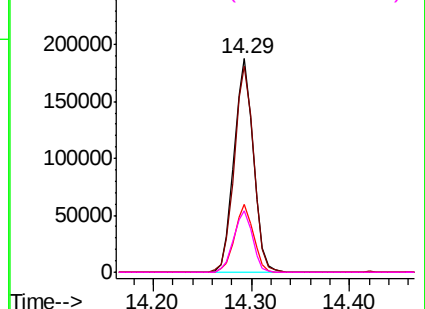
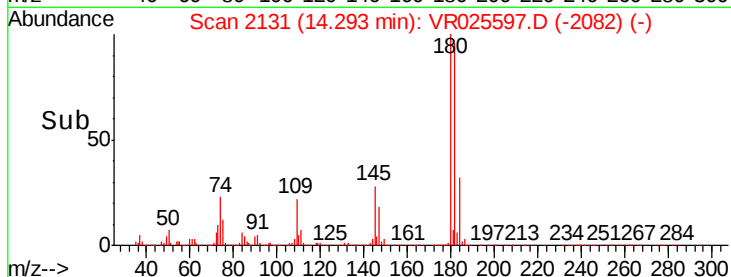
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

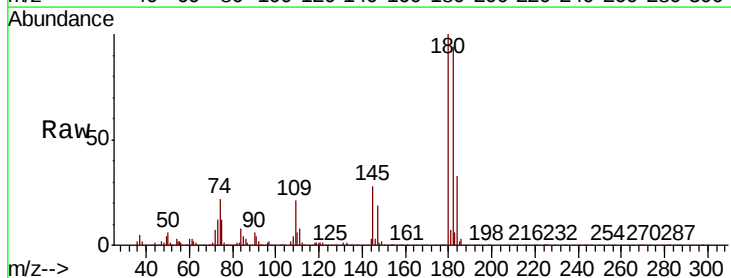
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.162 ug/L
 RT: 14.79 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: VR025597.D
 Acq: 8 Aug 2018 16:24

Tgt Ion:	180	Resp:	171341
Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.8	115.2
145	27.6	24.0	36.0

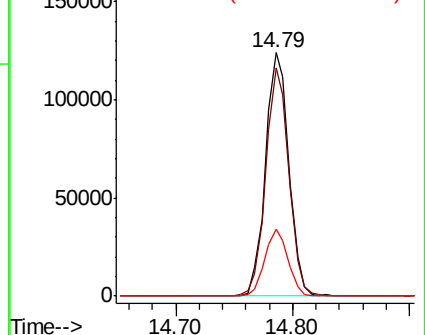
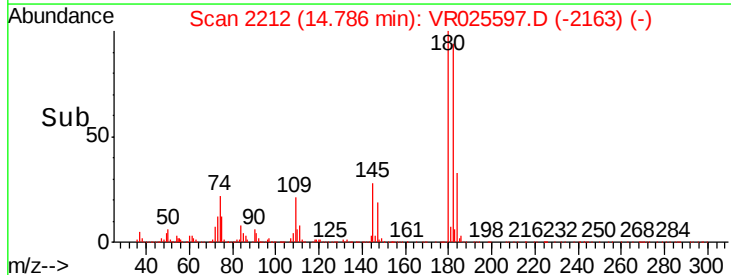


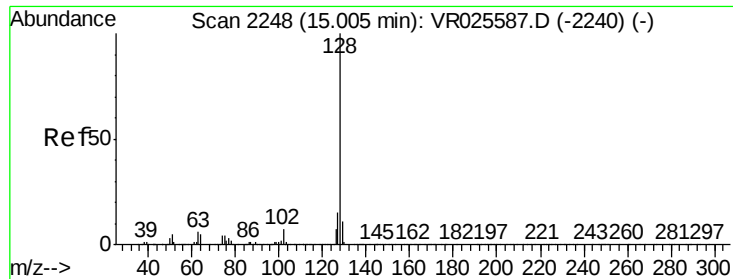
Abundance

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: 4.676 ug/L

RT: 15.00 min Scan# 2248

Delta R.T. -0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Instrument :

MSVOA_R

ClientSampleId :

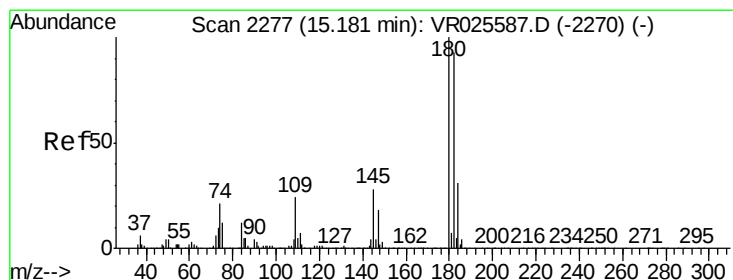
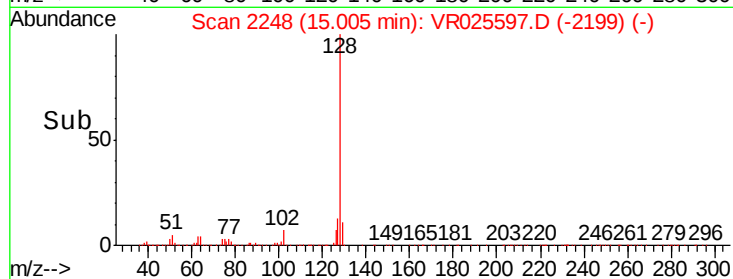
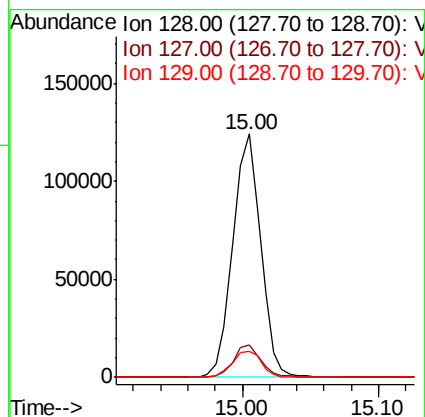
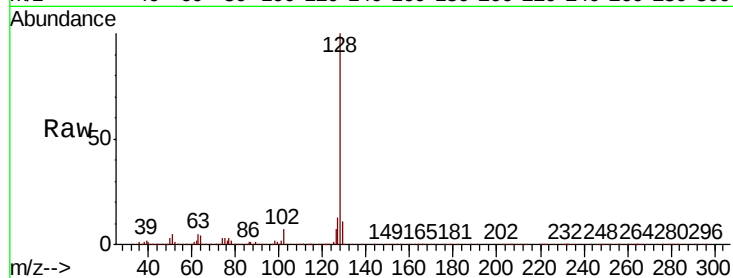
Tot Ion:128 Resp: 177332

Ion Ratio Lower Upper

128 100

127 13.3 11.1 16.7

129 11.3 8.9 13.3



#70

1,2,3-Trichlorobenzene

Concen: 5.595 ug/L

RT: 15.18 min Scan# 2277

Delta R.T. 0.00 min

Lab File: VR025597.D

Acq: 8 Aug 2018 16:24

Tgt Ion:180 Resp: 142825

Ion Ratio Lower Upper

180 100

182 97.8 75.6 113.4

145 31.5 26.1 39.1

