

Data File : VR025298.D
Acq On : 15 Jun 2018 13:59
Operator : SY/MD
Sample : VSTD00585
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

Quant Time: Jun 15 14:28:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 13:46:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	749523	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	600655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	229488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	131668	4.29	ug/L	0.00
7) Chloroethane-d5	2.64	69	99170	4.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	322496	4.12	ug/L	0.00
20) 2-Butanone-d5	6.59	46	352199	55.29	ug/L	0.00
24) Chloroform-d	7.20	84	479084	5.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	185931	5.19	ug/L	0.00
32) Benzene-d6	7.86	84	1036885	5.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	291700	5.28	ug/L	0.00
41) Toluene-d8	9.97	98	932932	5.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	79752	5.82	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	286957	59.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117423	5.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	199290	5.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	244114	4.719 ug/L	98
3) Chloromethane	2.01	50	164528	3.640 ug/L	98
5) Vinyl chloride	2.16	62	148616	3.669 ug/L	98
6) Bromomethane	2.53	94	83235	4.033 ug/L	97
8) Chloroethane	2.67	64	77927	3.574 ug/L	100
9) Trichlorofluoromethane	2.93	101	58458	1.073 ug/L	# 24
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	131405	4.029 ug/L	97
12) 1,1-Dichloroethene	3.66	96	125699	3.805 ug/L	95
13) Acetone	3.70	43	146795	37.481 ug/L	94
14) Carbon disulfide	3.96	76	276232	3.321 ug/L	97
15) Methyl Acetate	4.19	43	35973	3.736 ug/L	98
16) Methylene chloride	4.41	84	81158	2.511 ug/L	97
17) Methyl tert-butyl Ether	4.90	73	377219	5.056 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	261195	4.425 ug/L	93
19) 1,1-Dichloroethane	5.69	63	488820	4.784 ug/L	98
21) 2-Butanone	6.69	43	353534	45.542 ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	270456	4.833 ug/L	97
23) Bromochloromethane	7.05	128	78900	4.763 ug/L	93
25) Chloroform	7.23	83	451233	4.821 ug/L	93
27) 1,2-Dichloroethane	7.99	62	207969	4.764 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	347850	5.398 ug/L	97
30) Cyclohexane	7.52	56	459793	5.191 ug/L	98
31) Carbon tetrachloride	7.64	117	311640	5.431 ug/L	99
33) Benzene	7.91	78	1126889	4.851 ug/L	100
34) Trichloroethene	8.71	95	277541	5.133 ug/L	96
35) Methylcyclohexane	8.96	83	458807	5.152 ug/L	99
37) 1,2-Dichloropropane	8.99	63	252944	4.682 ug/L	99
38) Bromodichloromethane	9.28	83	246421	5.030 ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	304712	5.279 ug/L	96
40) 4-Methyl-2-pentanone	9.86	43	856442	48.453 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	1162229	5.034	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	217190	5.351	ug/L	100
45) 1,1,2-Trichloroethane	10.44	97	115590	4.688	ug/L	96
47) Tetrachloroethene	10.52	164	187099	5.114	ug/L	95
48) 2-Hexanone	10.64	43	550925	46.279	ug/L	98
49) Dibromochloromethane	10.78	129	116209	5.059	ug/L	99
50) 1,2-Dibromoethane	10.89	107	96360	4.928	ug/L #	89
51) Chlorobenzene	11.31	112	640707	4.934	ug/L	97
52) Ethylbenzene	11.39	91	1254510	5.056	ug/L	97
53) m,p-Xylene	11.50	106	467020	5.078	ug/L	92
54) o-Xylene	11.83	106	429804	5.176	ug/L	100
55) Styrene	11.84	104	676102	5.005	ug/L	93
56) Isopropylbenzene	12.13	105	1187173	5.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	111200	4.666	ug/L #	91
59) 1,2,3-Trichloropropane	12.44	75	77422	4.953	ug/L	97
61) Bromoform	12.01	173	39169	4.701	ug/L #	99
62) 1,3-Dichlorobenzene	13.16	146	396375	5.300	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	385199	4.799	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	310168	4.861	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.15	75	10320	4.173	ug/L #	68
67) 1,3,5-Trichlorobenzene	14.29	180	258221	5.396	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	179073	5.589	ug/L	98
69) Naphthalene	15.00	128	243470	5.883	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	139643	5.601	ug/L	99

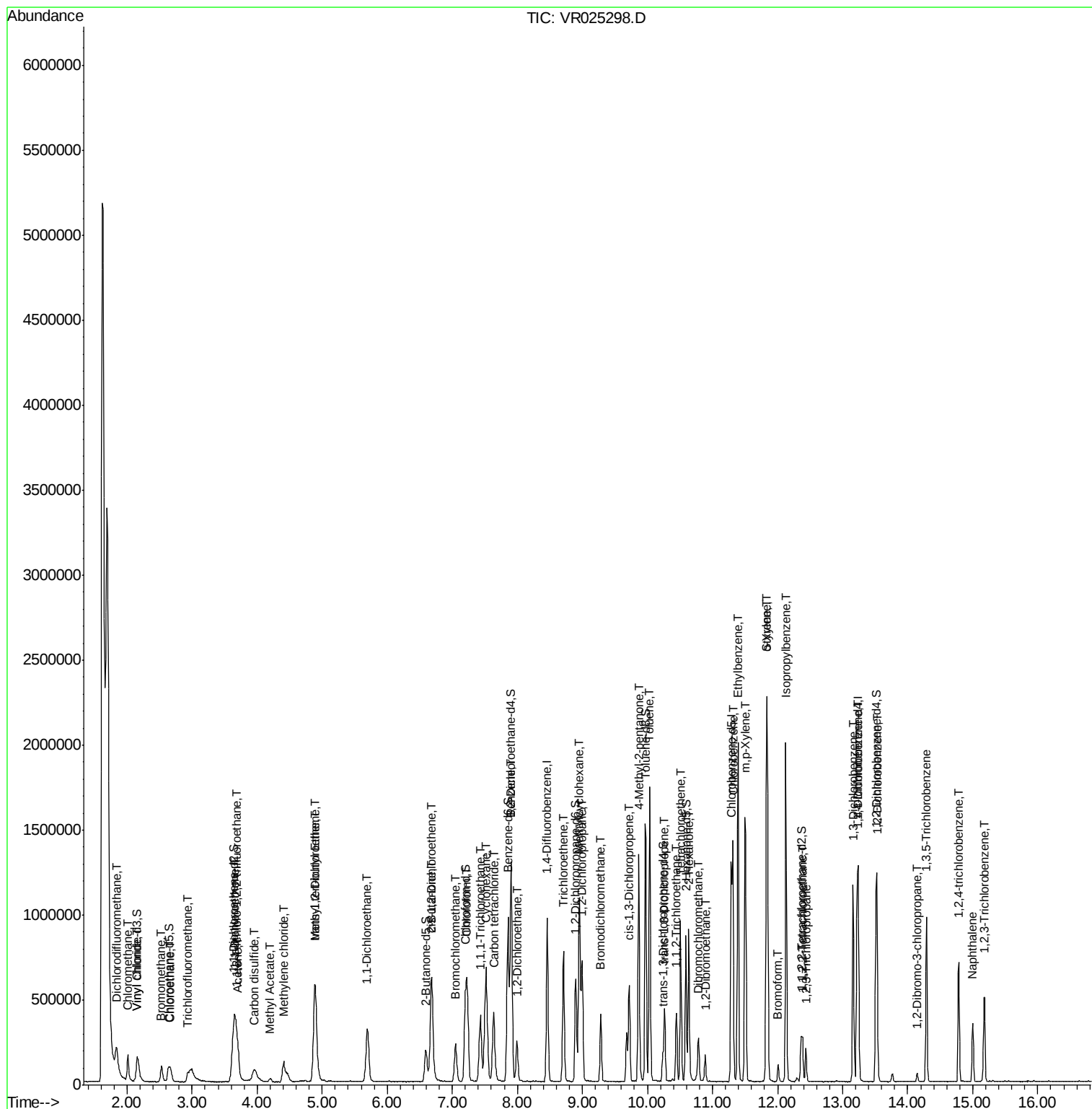
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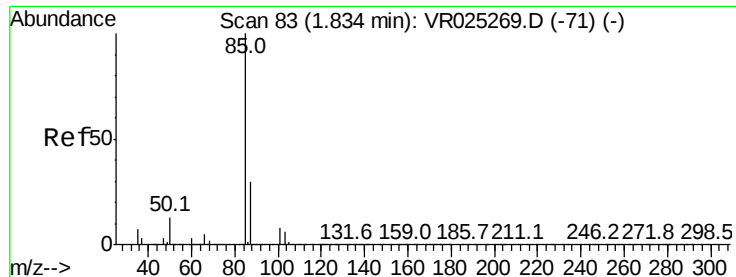
Data File : VR025298.D

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#2

Dichlorodifluoromethane

Concen: 4.719 ug/L

RT: 1.83 min Scan# 83

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

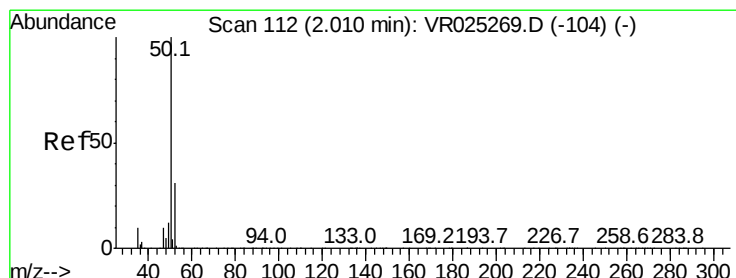
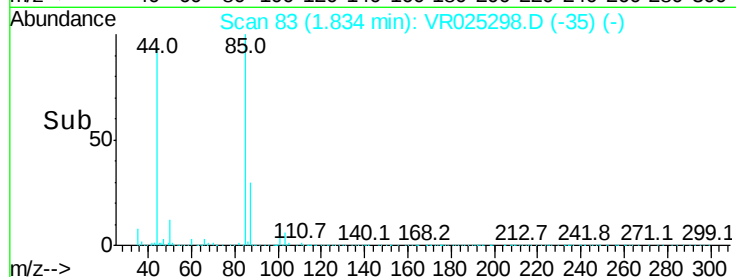
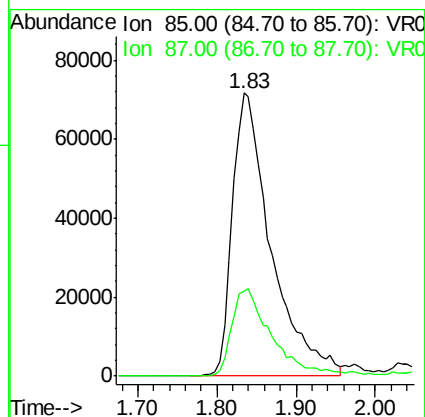
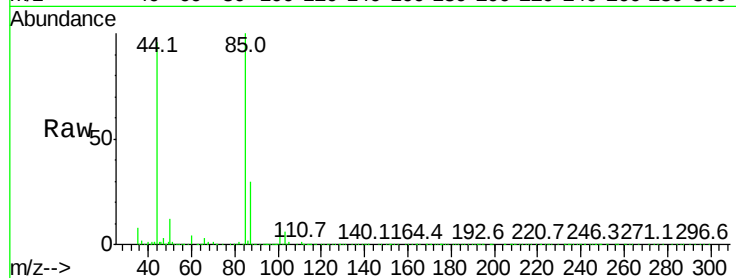
VSTD00585

Tgt Ion: 85 Resp: 244114

Ion Ratio Lower Upper

85 100

87 31.7 24.5 36.7



#3

Chloromethane

Concen: 3.640 ug/L

RT: 2.01 min Scan# 112

Delta R.T. 0.00 min

Lab File: VR025298.D

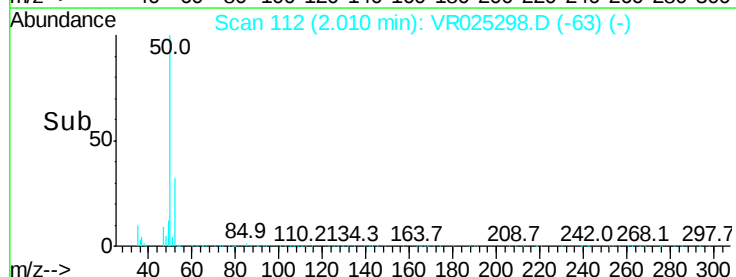
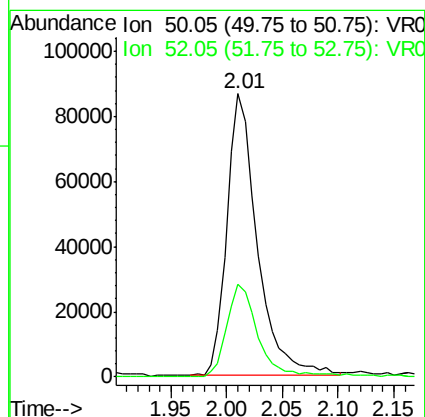
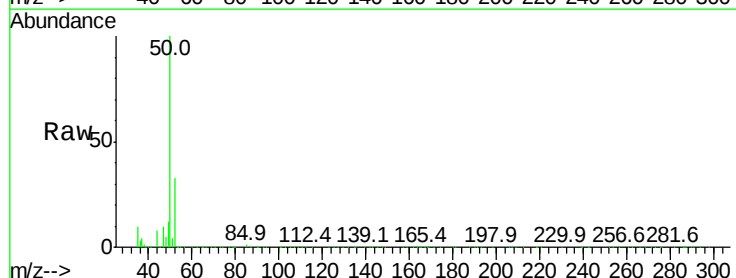
Acq: 15 Jun 2018 13:59

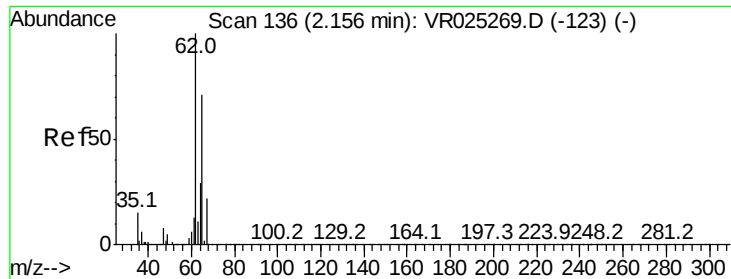
Tgt Ion: 50 Resp: 164528

Ion Ratio Lower Upper

50 100

52 32.6 23.7 44.1





#5

Vinyl chloride

Concen: 3.669 ug/L

RT: 2.16 min Scan# 137

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

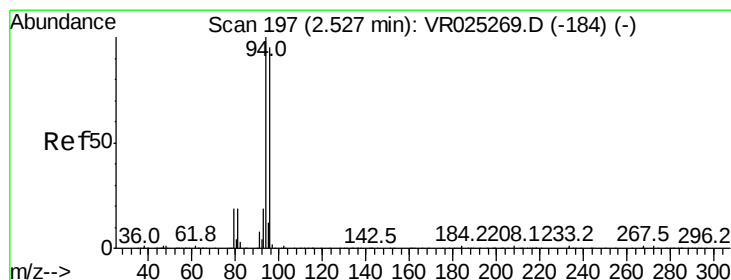
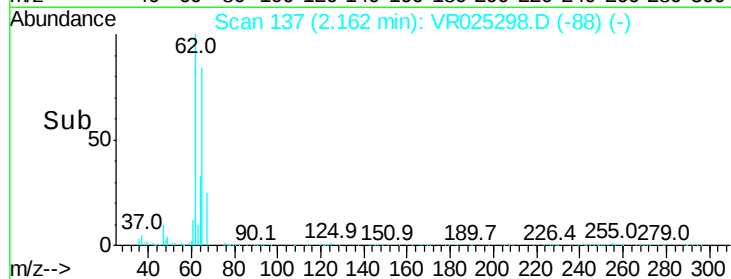
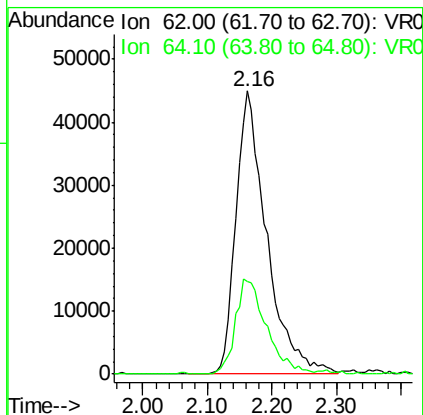
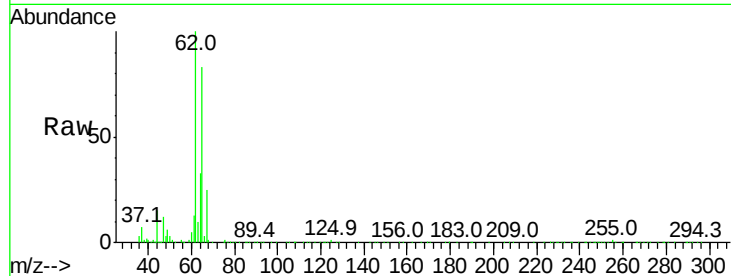
VSTD00585

Tgt Ion: 62 Resp: 148616

Ion Ratio Lower Upper

62 100

64 32.6 23.6 43.8



#6

Bromomethane

Concen: 4.033 ug/L

RT: 2.53 min Scan# 197

Delta R.T. 0.00 min

Lab File: VR025298.D

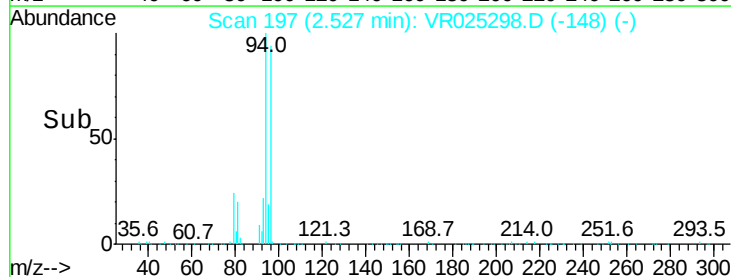
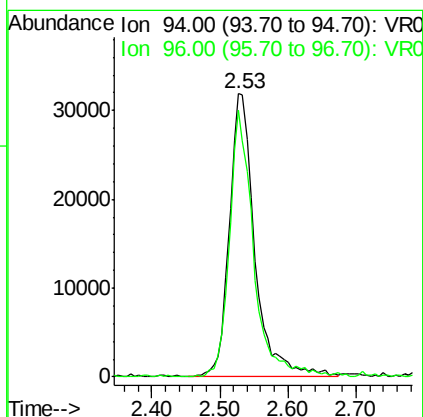
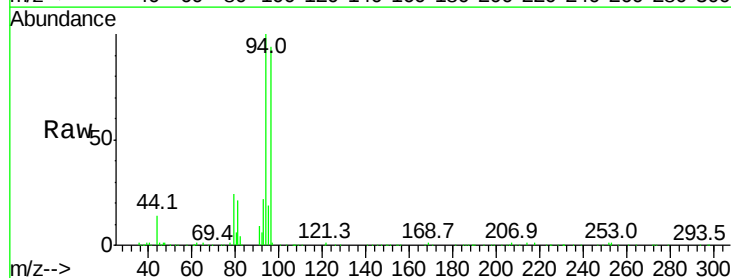
Acq: 15 Jun 2018 13:59

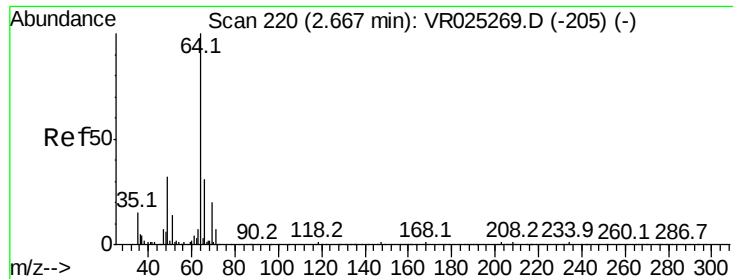
Tgt Ion: 94 Resp: 83235

Ion Ratio Lower Upper

94 100

96 94.1 67.8 126.0

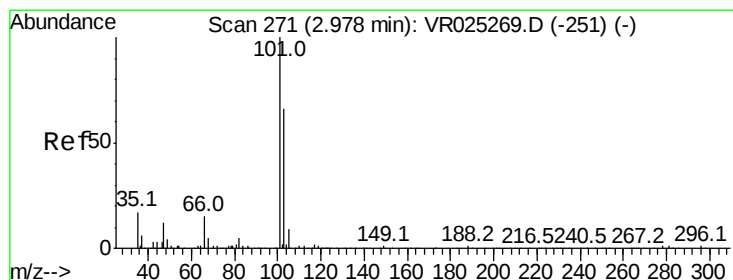
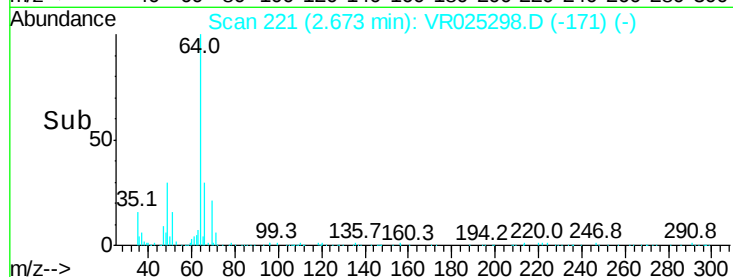
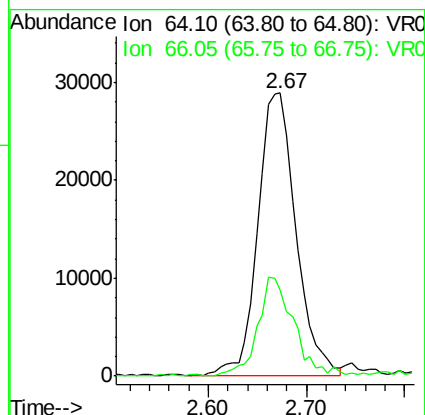
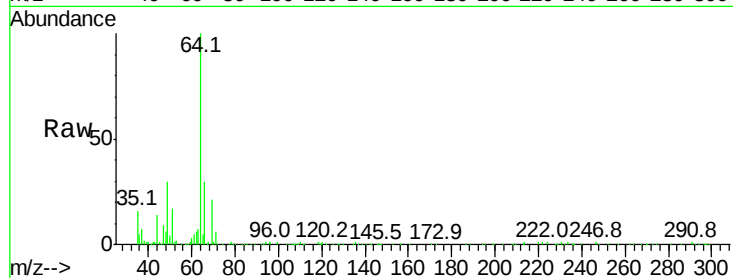




#8
Chloroethane
Concen: 3.574 ug/L
RT: 2.67 min Scan# 221
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

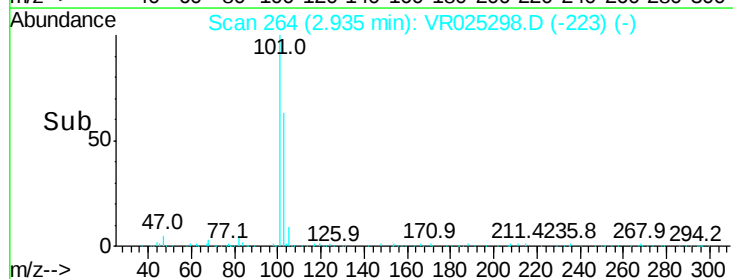
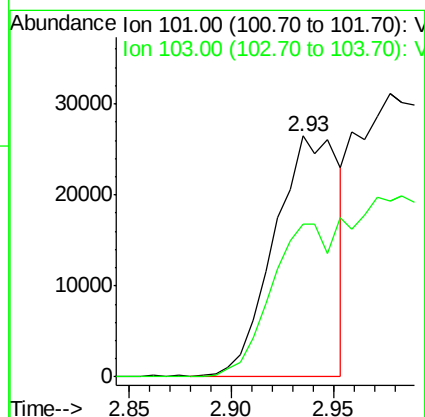
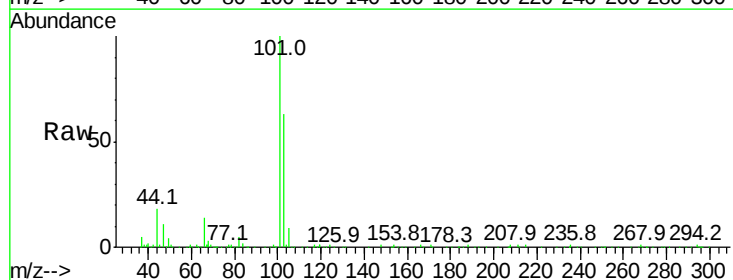
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

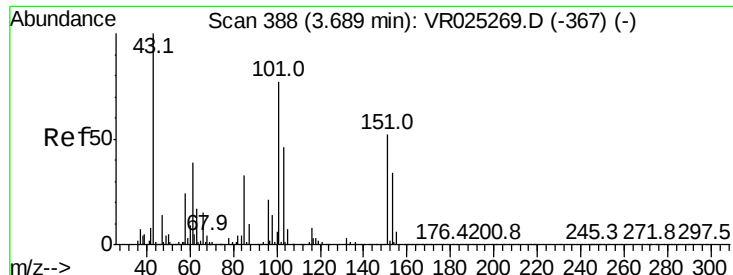
Tgt Ion: 64 Resp: 77927
Ion Ratio Lower Upper
64 100
66 30.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 1.073 ug/L
RT: 2.93 min Scan# 264
Delta R.T. -0.05 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion: 101 Resp: 58458
Ion Ratio Lower Upper
101 100
103 55.6 16.4 24.6#





#10

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

Concen: 4.029 ug/L

RT: 3.69 min Scan# 388

Delta R.T. 0.01 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

VSTD00585

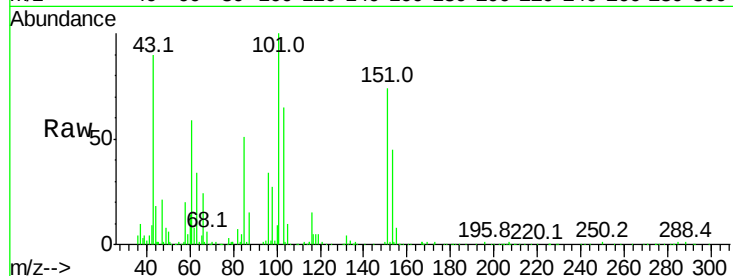
Tgt Ion: 101 Resp: 131405

Ion Ratio Lower Upper

101 100

85 48.9 39.4 59.0

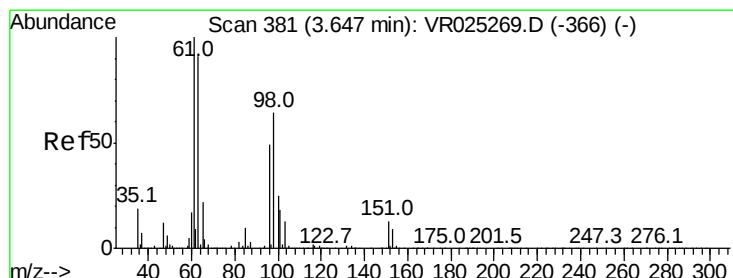
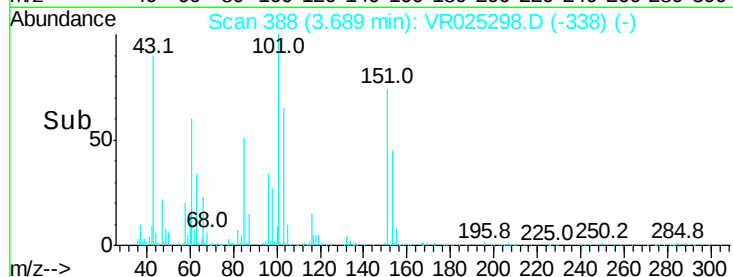
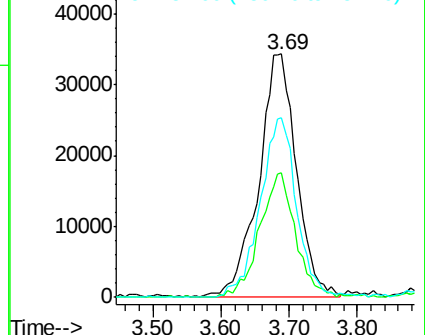
151 71.9 54.8 82.2



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: 3.805 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

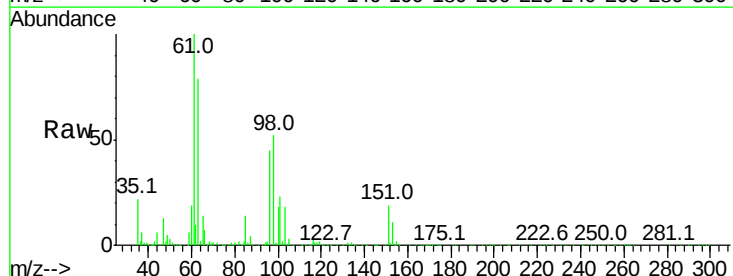
Tgt Ion: 96 Resp: 125699

Ion Ratio Lower Upper

96 100

61 221.5 148.1 275.1

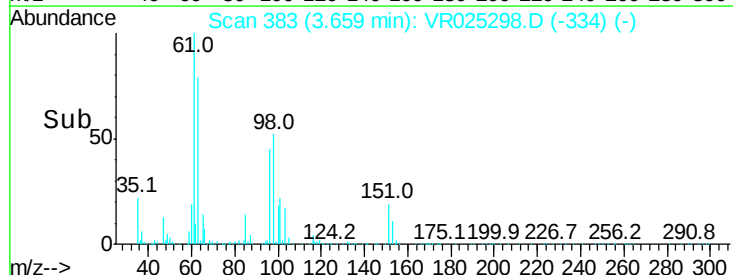
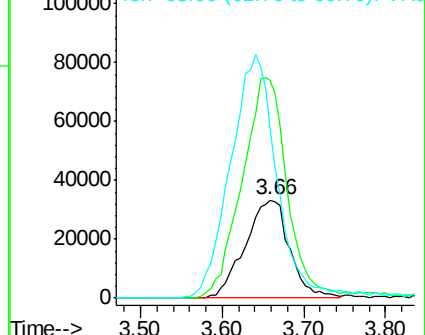
63 174.7 126.3 234.5

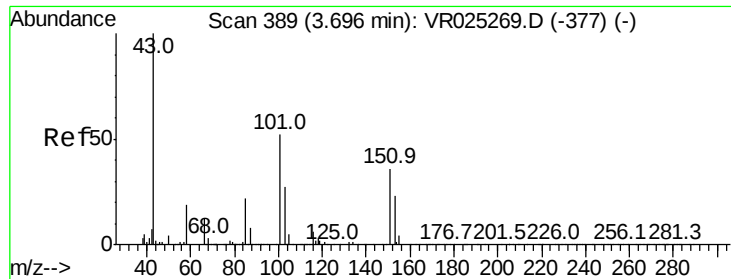


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0

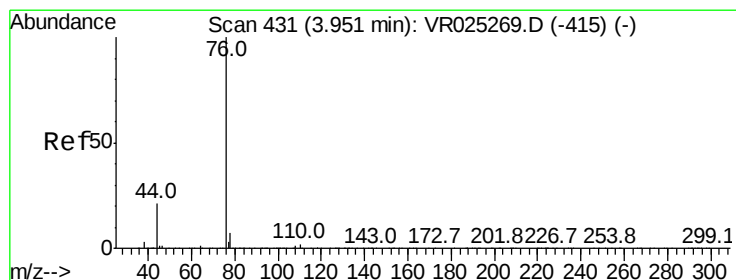
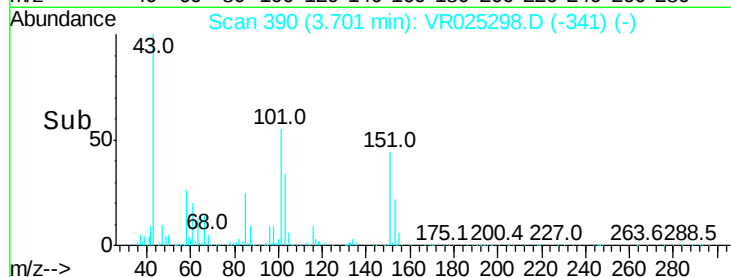
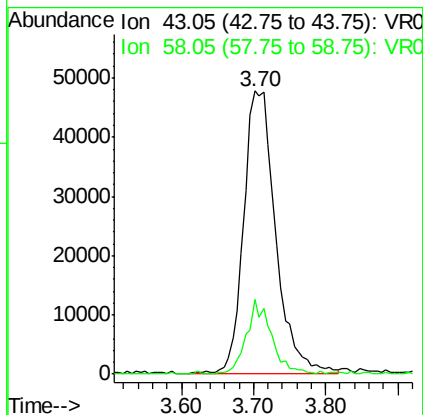
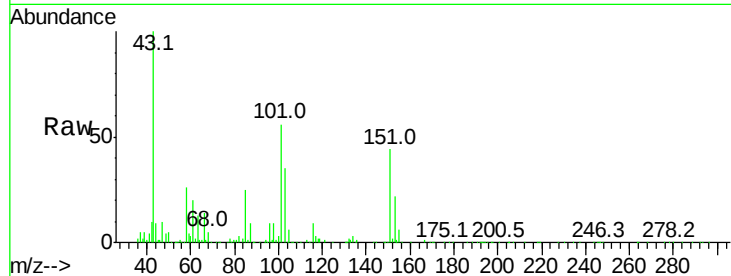




#13
Acetone
Concen: 37.481 ug/L
RT: 3.70 min Scan# 390
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

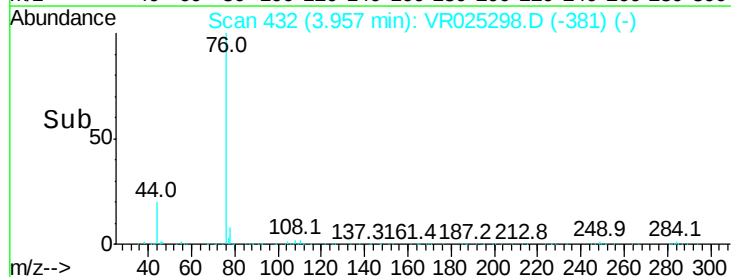
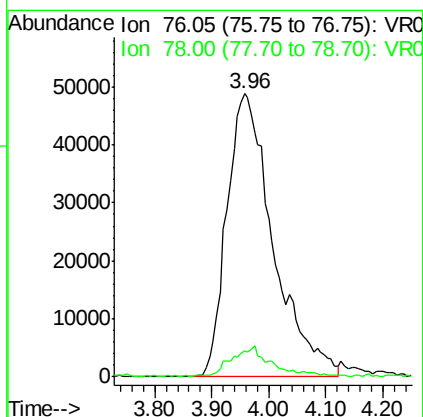
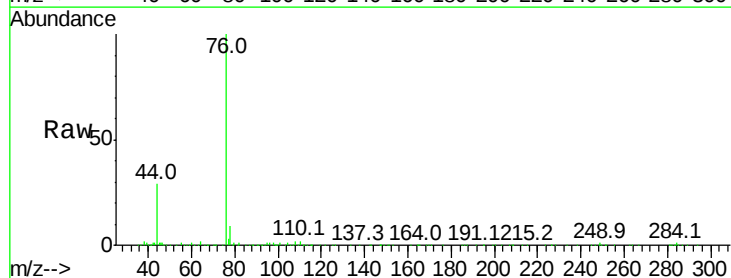
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

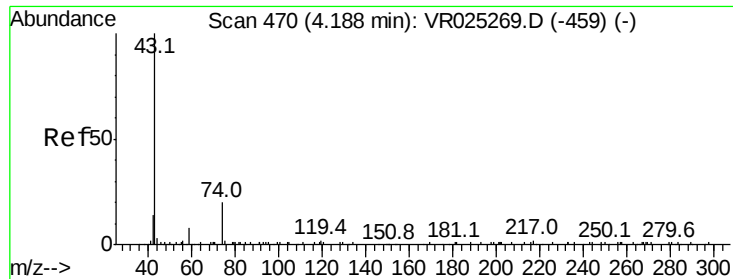
Tgt Ion: 43 Resp: 146795
Ion Ratio Lower Upper
43 100
58 20.8 0.0 47.4



#14
Carbon disulfide
Concen: 3.321 ug/L
RT: 3.96 min Scan# 432
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion: 76 Resp: 276232
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1

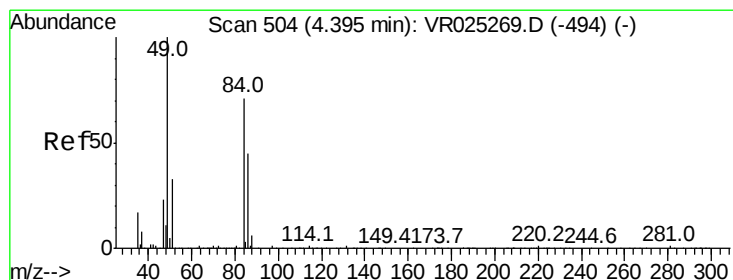
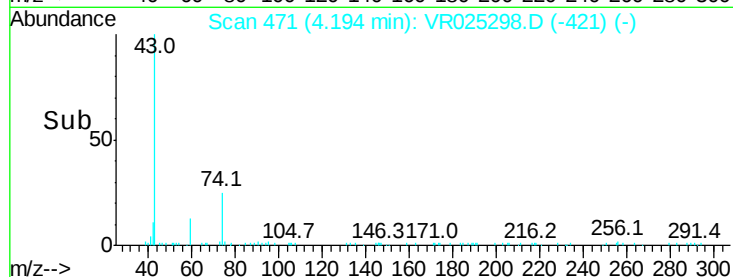
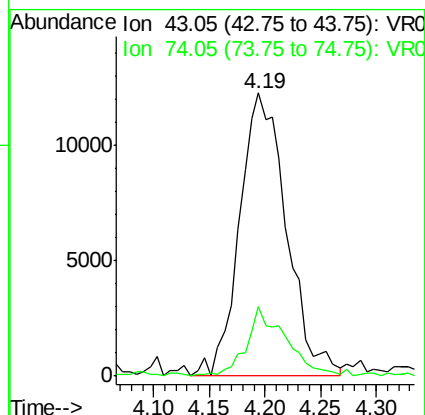
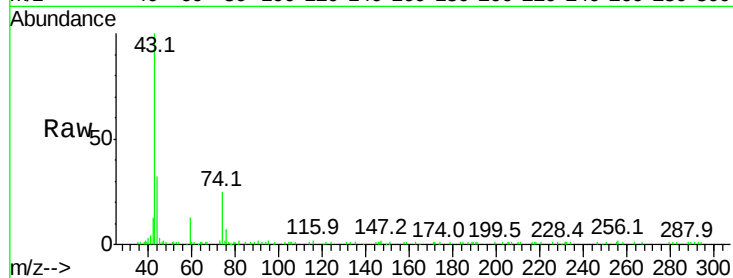




#15
Methyl Acetate
Concen: 3.736 ug/L
RT: 4.19 min Scan# 471
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

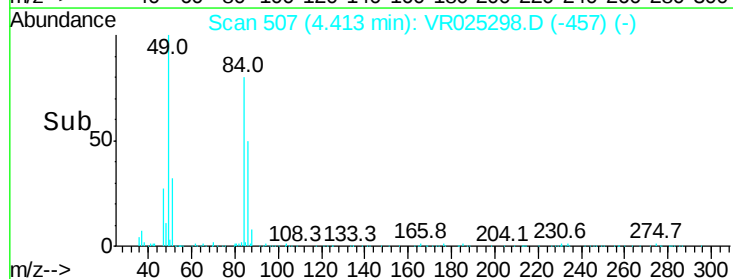
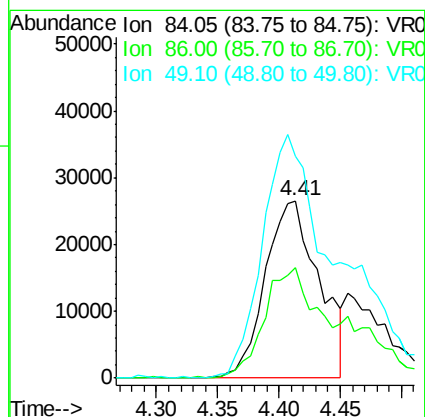
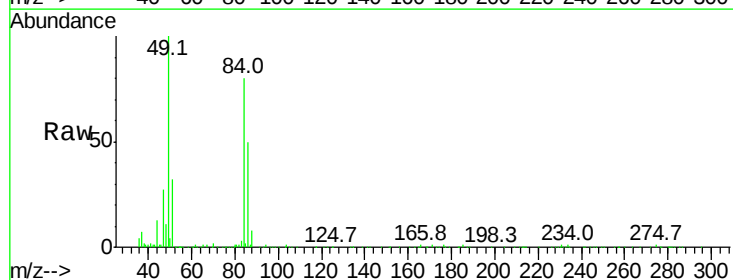
Instrument :
MSVOA_R
ClientSampled :
VSTD00585

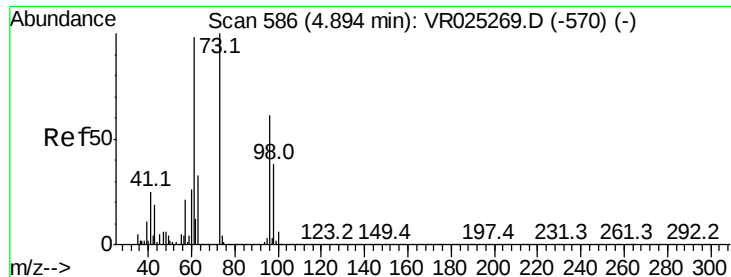
Tgt Ion: 43 Resp: 35973
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3



#16
Methylene chloride
Concen: 2.511 ug/L
RT: 4.41 min Scan# 507
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion: 84 Resp: 81158
Ion Ratio Lower Upper
84 100
86 62.4 42.9 79.7
49 124.6 90.2 167.4





#17

Methyl tert-butyl Ether

Concen: 5.056 ug/L

RT: 4.90 min Scan# 587

Delta R.T. 0.00 min

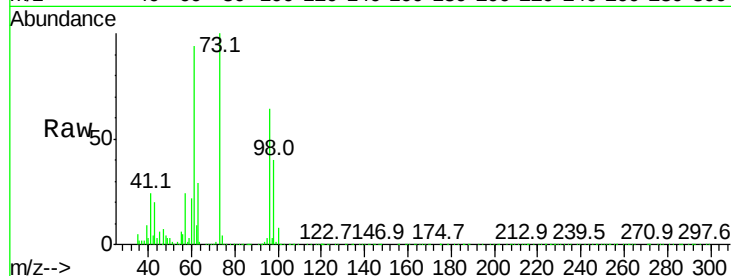
Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

Tgt Ion: 73 Resp: 377219

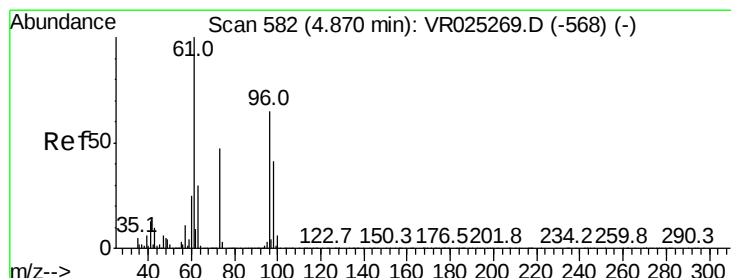
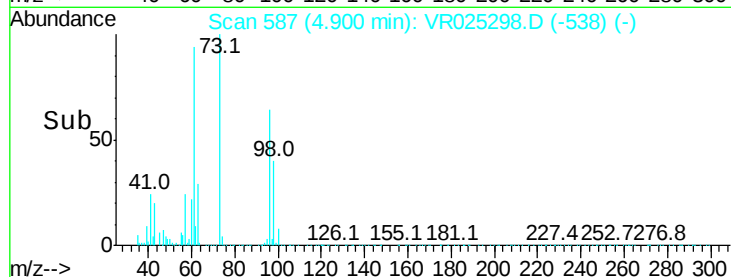
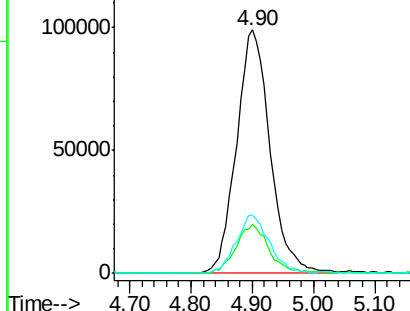
Ion	Ratio	Lower	Upper
73	100		
43	19.7	15.5	23.3
57	23.7	19.5	29.3



Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0



#18

trans-1,2-Dichloroethene

Concen: 4.425 ug/L

RT: 4.88 min Scan# 584

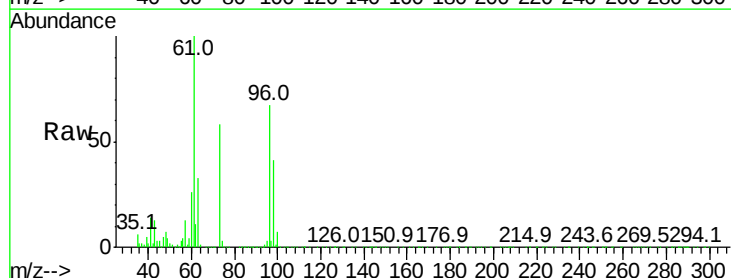
Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Tgt Ion: 96 Resp: 261195

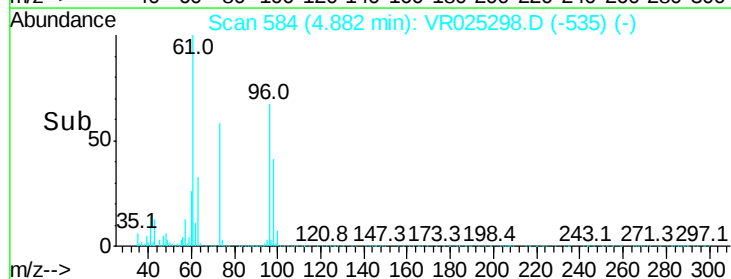
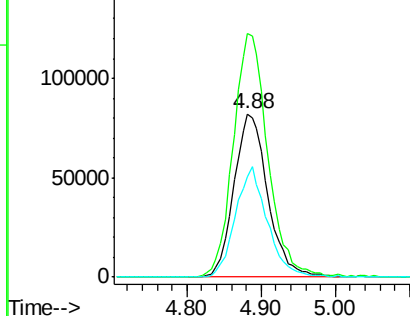
Ion	Ratio	Lower	Upper
96	100		
61	149.1	96.9	179.9
98	61.6	41.1	76.3

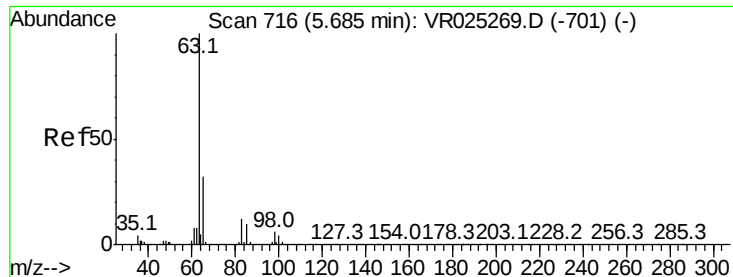


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0





#19

1,1-Dichloroethane

Concen: 4.784 ug/L

RT: 5.69 min Scan# 717

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

VSTD00585

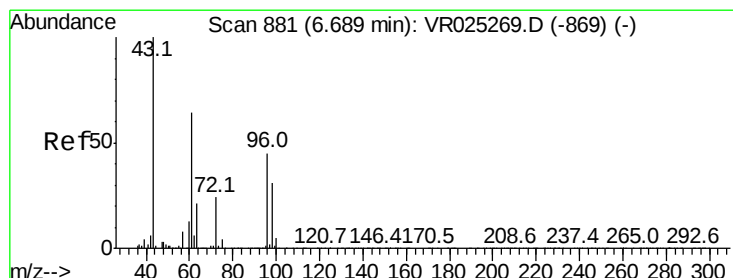
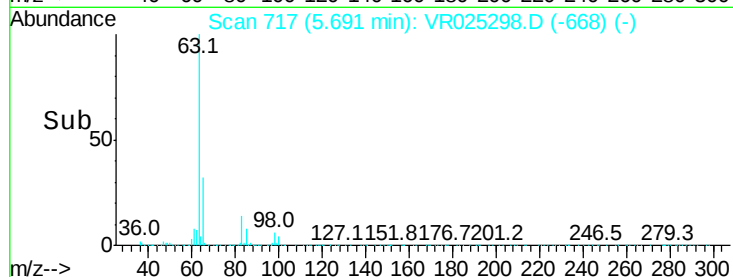
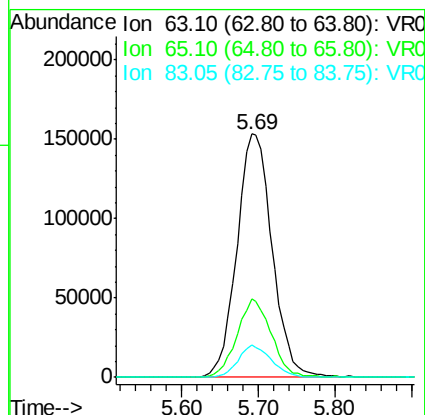
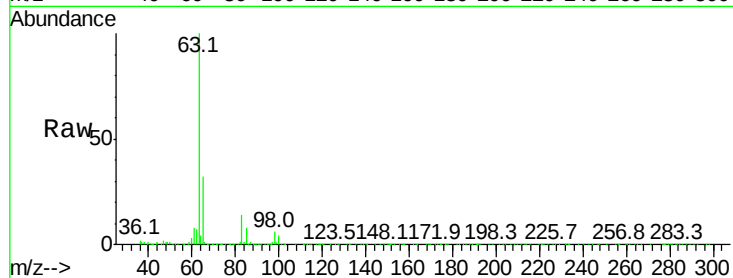
Tgt Ion: 63 Resp: 488820

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.1

83 13.6 7.8 14.4



#21

2-Butanone

Concen: 45.542 ug/L

RT: 6.69 min Scan# 881

Delta R.T. 0.00 min

Lab File: VR025298.D

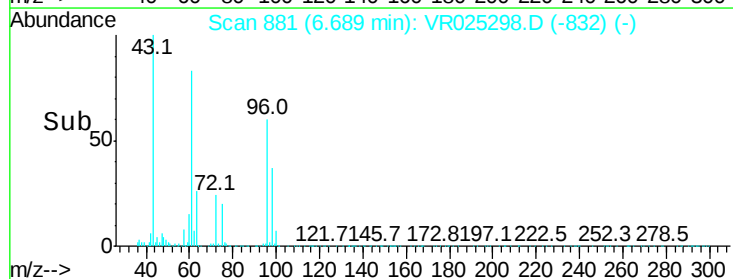
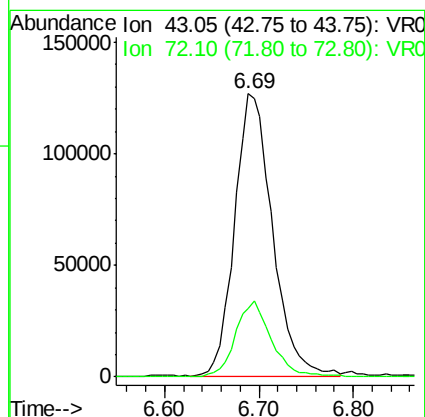
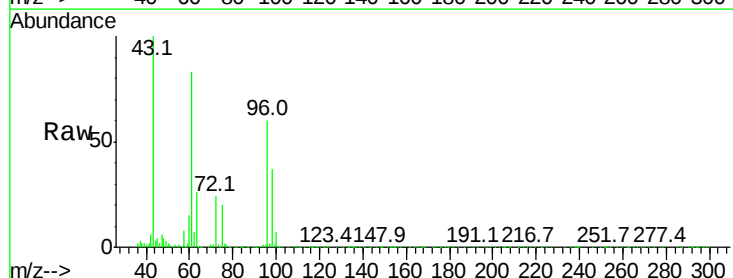
Acq: 15 Jun 2018 13:59

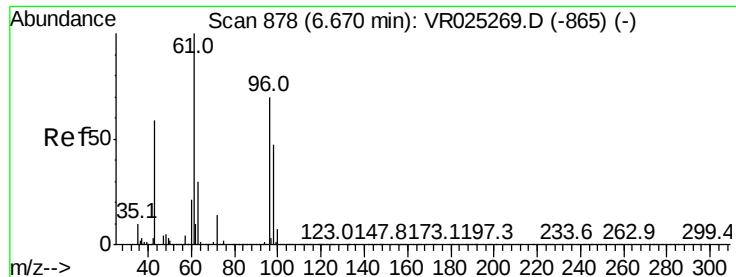
Tgt Ion: 43 Resp: 353534

Ion Ratio Lower Upper

43 100

72 25.9 12.3 36.9



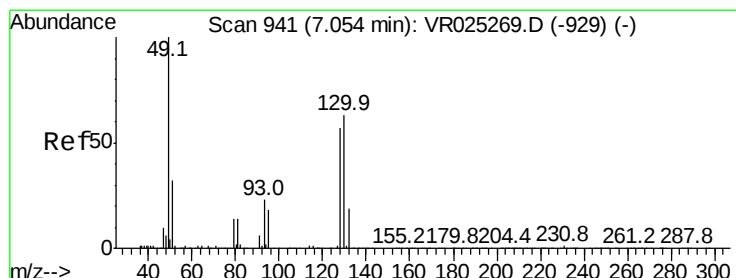
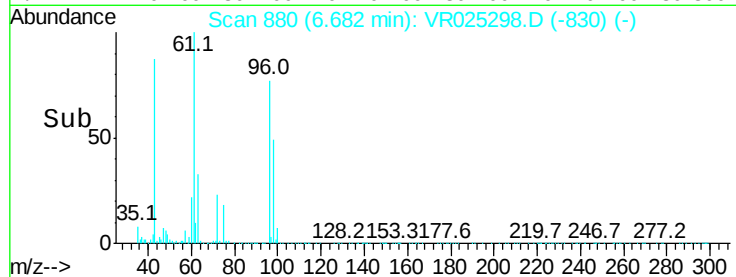
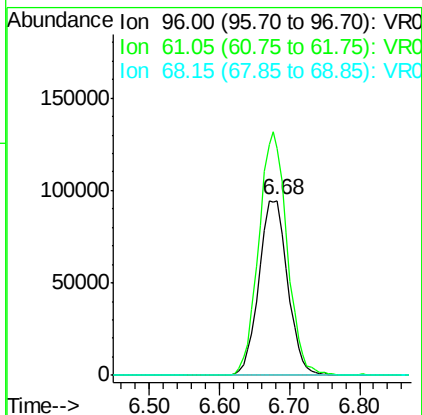
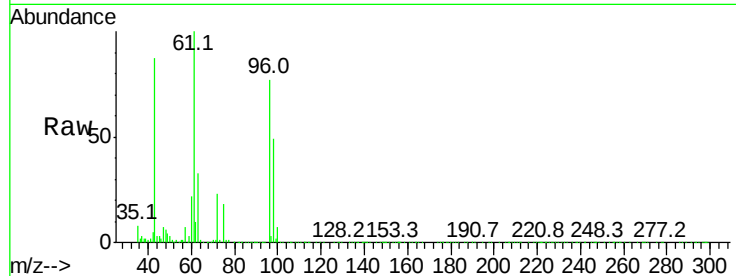


#22

cis-1,2-Dichloroethene
Concen: 4.833 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

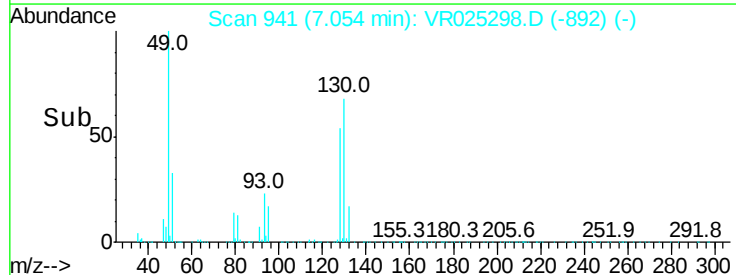
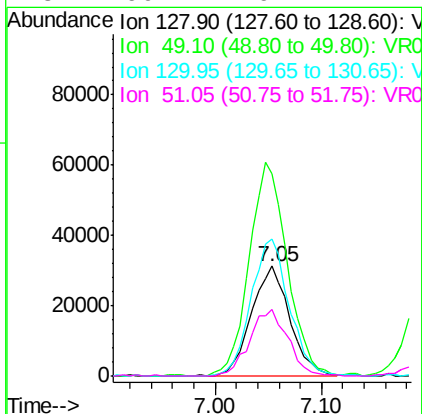
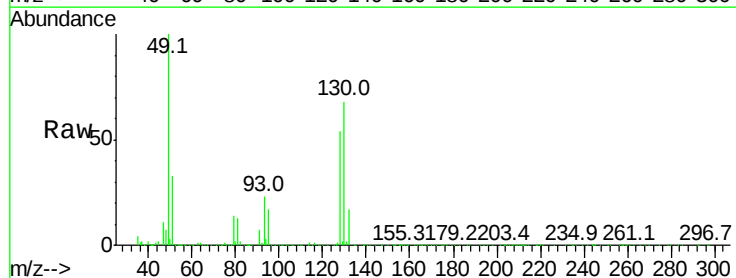
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.0	93.5	173.7
68	0.0	0.0	0.0

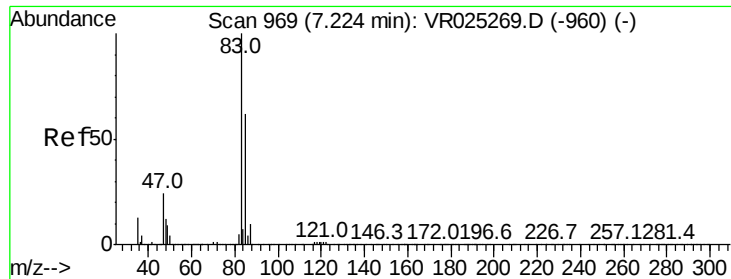


#23

Bromochloromethane
Concen: 4.763 ug/L
RT: 7.05 min Scan# 941
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
128	100		
49	183.8	137.9	256.1
130	124.5	81.1	150.7
51	60.2	49.4	74.2

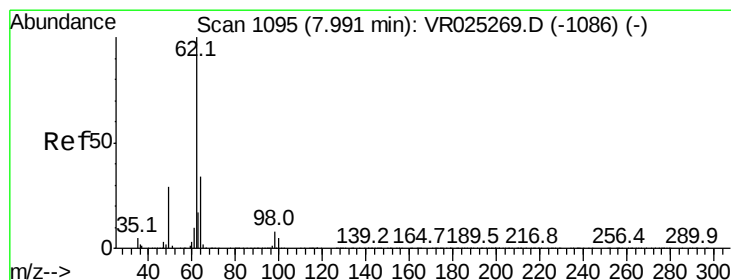
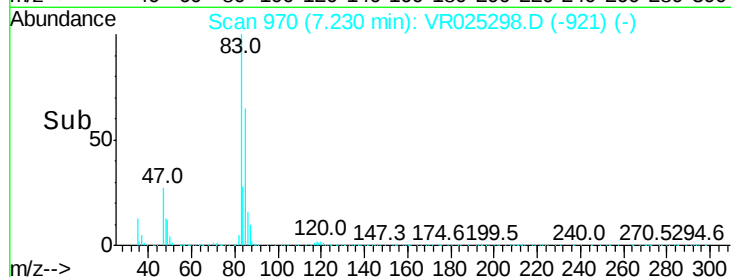
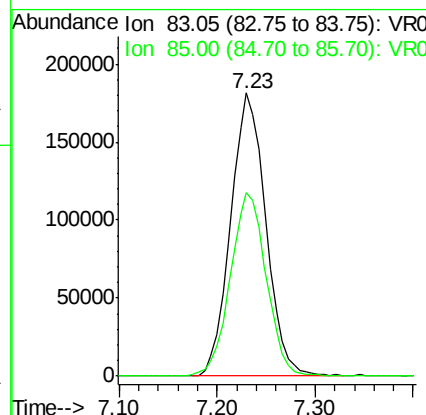
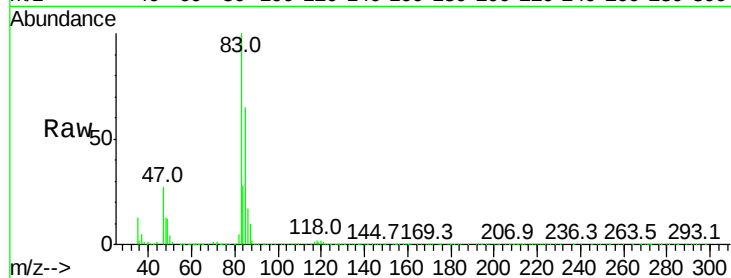




#25
Chloroform
Concen: 4.821 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

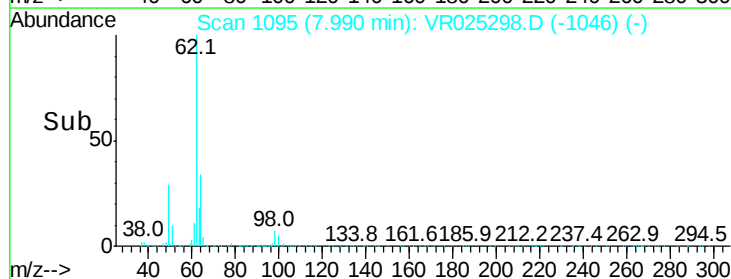
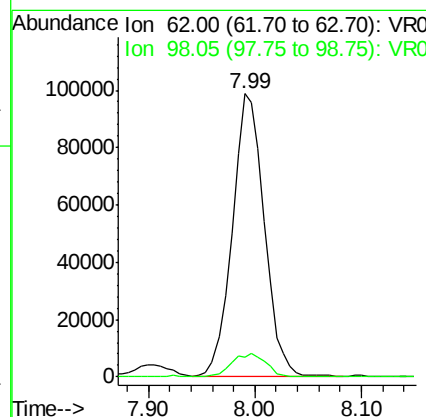
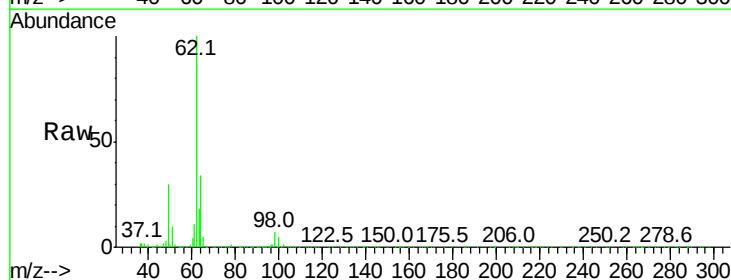
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

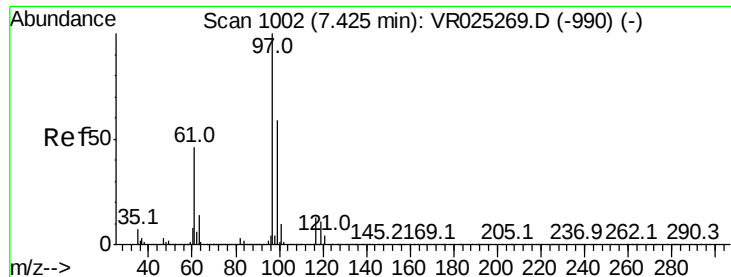
Tgt Ion: 83 Resp: 451233
Ion Ratio Lower Upper
83 100
85 64.9 41.8 77.6



#27
1,2-Dichloroethane
Concen: 4.764 ug/L
RT: 7.99 min Scan# 1095
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion: 62 Resp: 207969
Ion Ratio Lower Upper
62 100
98 6.8 5.8 8.8

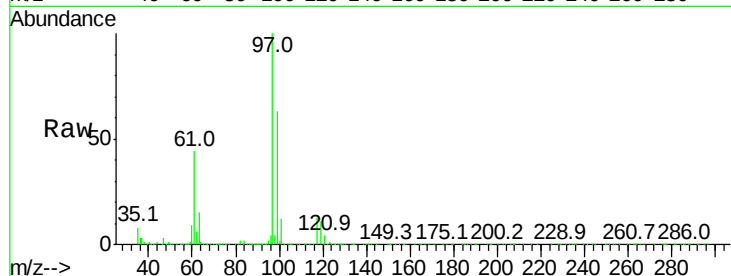




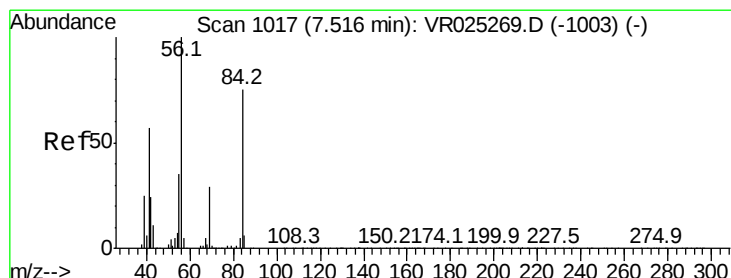
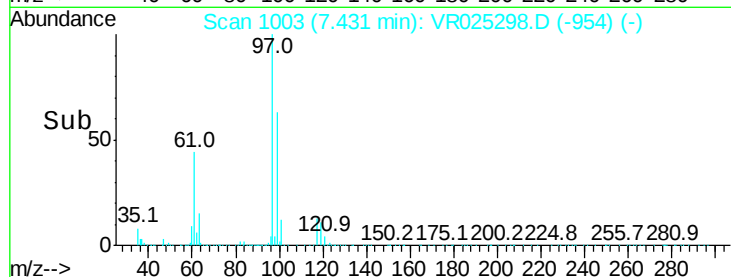
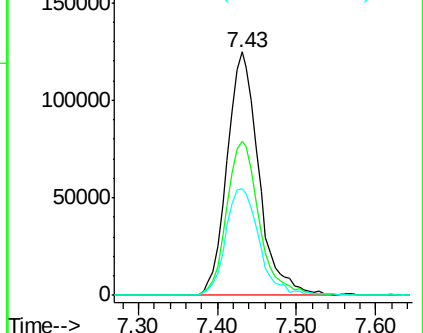
#29
1,1,1-Trichloroethane
Concen: 5.398 ug/L
RT: 7.43 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.0
61	46.3	40.3	60.5

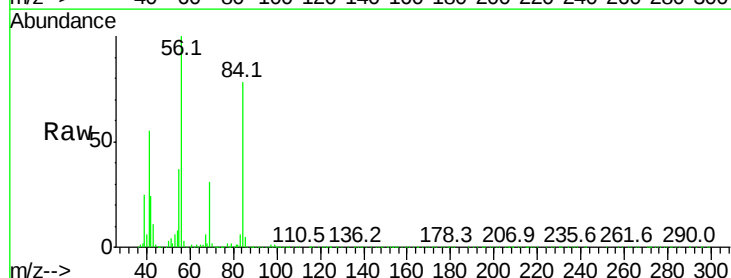


Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0

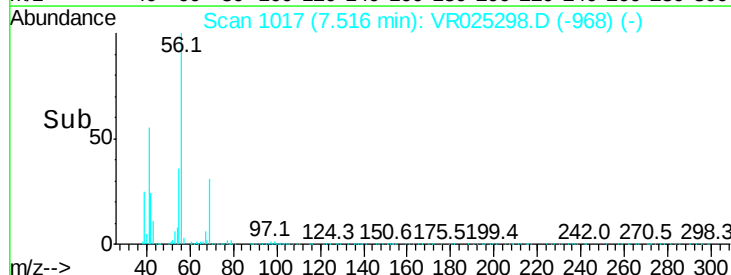
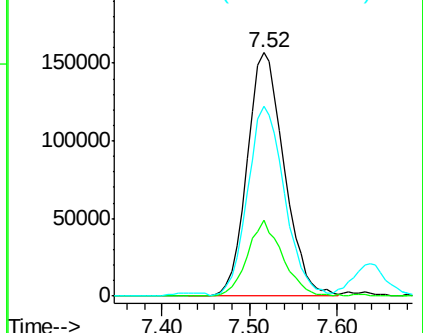


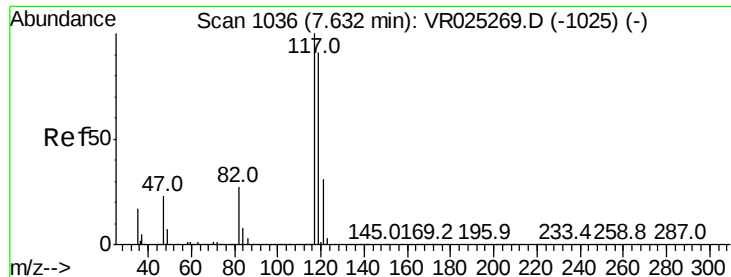
#30
Cyclohexane
Concen: 5.191 ug/L
RT: 7.52 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.0
84	78.2	60.4	90.6



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

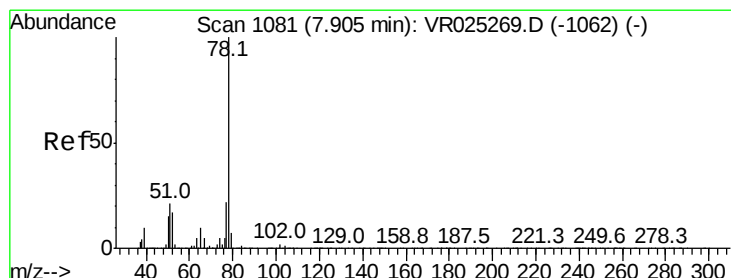
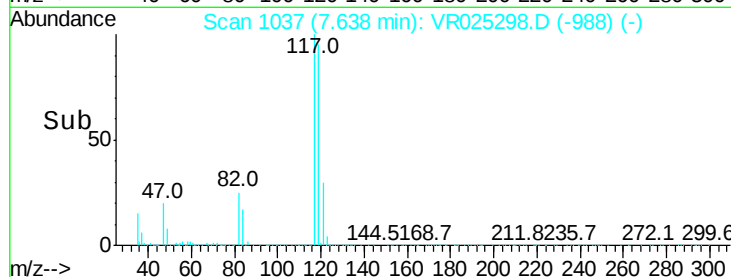
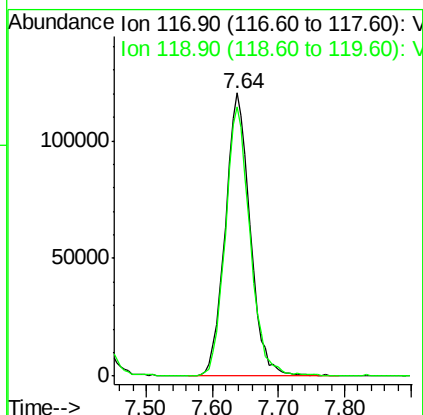
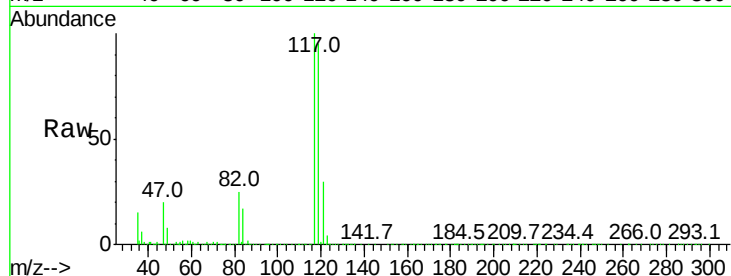




#31
Carbon tetrachloride
Concen: 5.431 ug/L
RT: 7.64 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

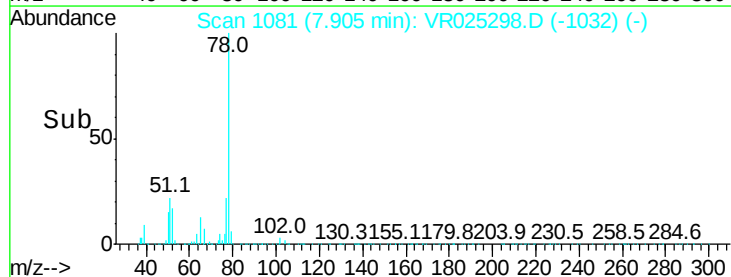
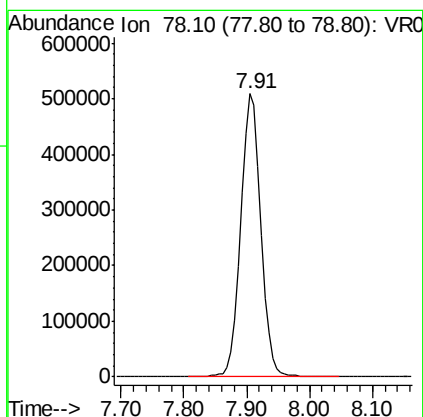
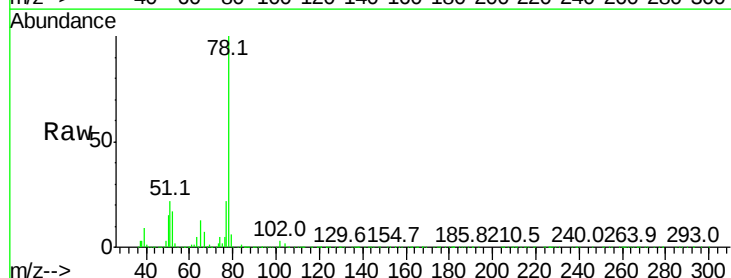
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

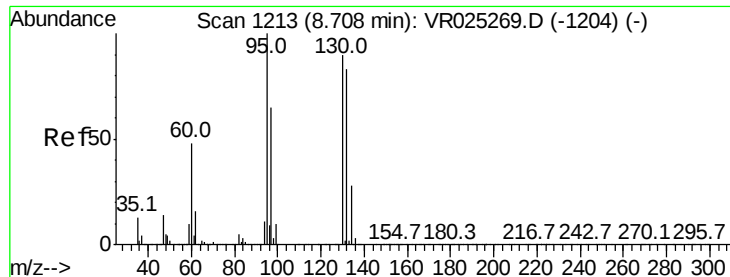
Tgt Ion:117 Resp: 311640
Ion Ratio Lower Upper
117 100
119 94.4 76.0 114.0



#33
Benzene
Concen: 4.851 ug/L
RT: 7.91 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion: 78 Resp: 1126889





#34

Trichloroethene

Concen: 5.133 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

VSTD00585

Tgt Ion: 95 Resp: 277541

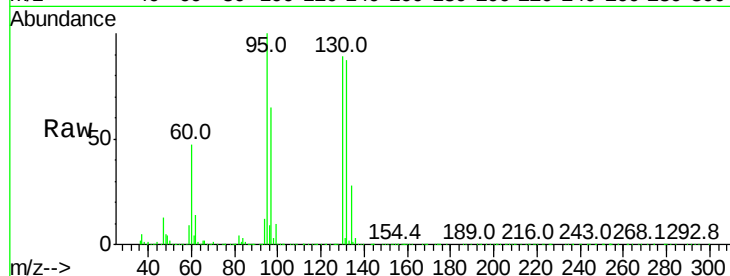
Ion Ratio Lower Upper

95 100

97 65.1 47.3 87.8

132 87.0 64.3 119.3

130 88.6 64.5 119.7

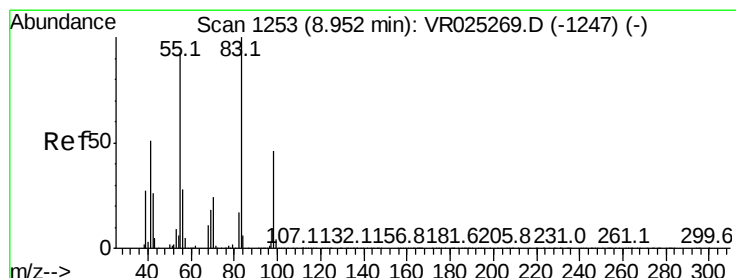
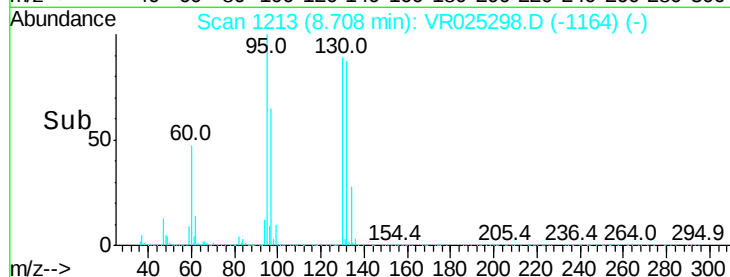
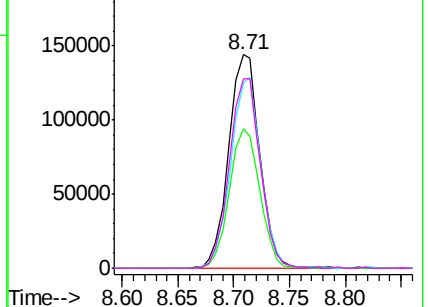


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.152 ug/L

RT: 8.96 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

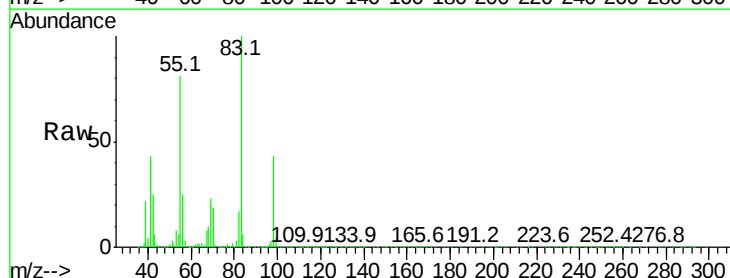
Tgt Ion: 83 Resp: 458807

Ion Ratio Lower Upper

83 100

55 82.6 66.0 99.0

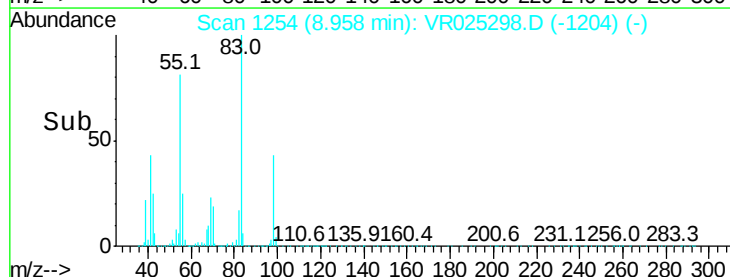
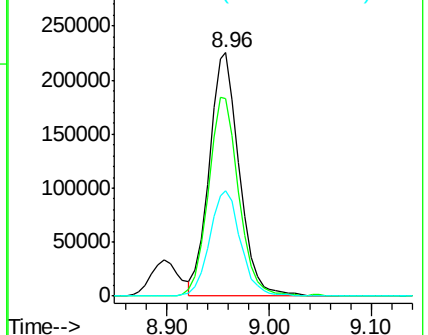
98 45.3 34.5 51.7

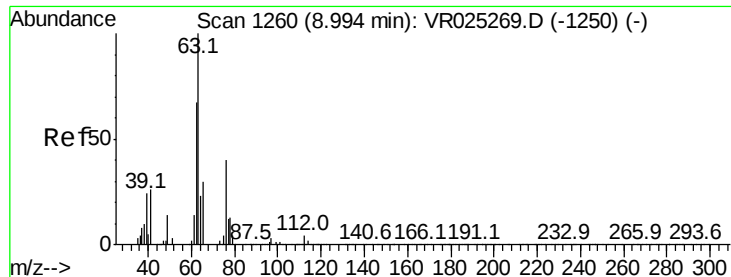


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 4.682 ug/L

RT: 8.99 min Scan# 1260

Delta R.T. 0.00 min

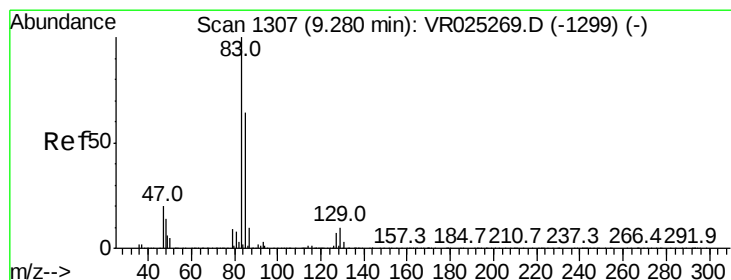
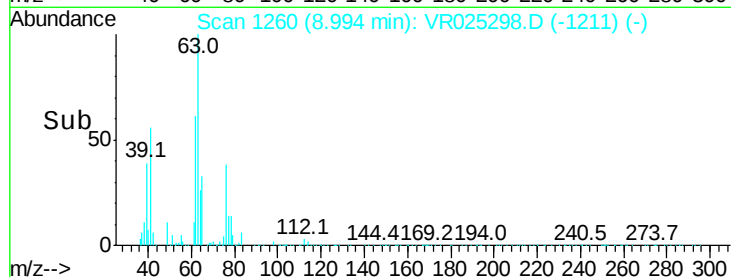
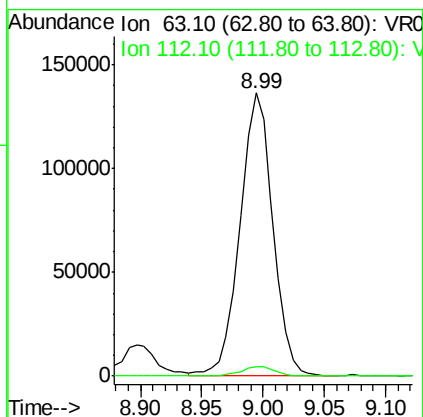
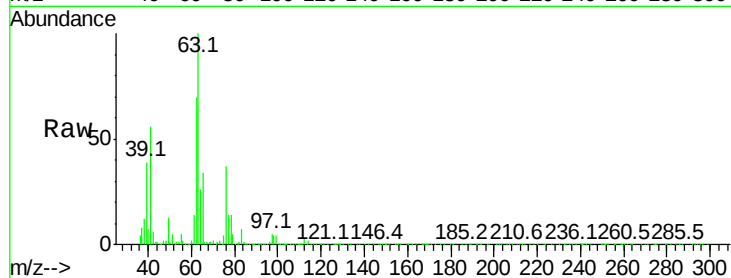
Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

Tgt Ion: 63 Resp: 252944

Ion	Ratio	Lower	Upper
63	100		
112	3.6	2.6	3.8



#38

Bromodichloromethane

Concen: 5.030 ug/L

RT: 9.28 min Scan# 1307

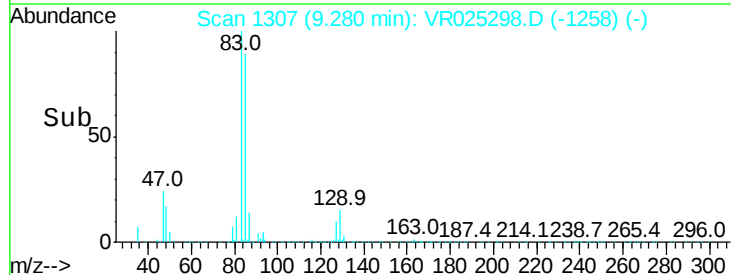
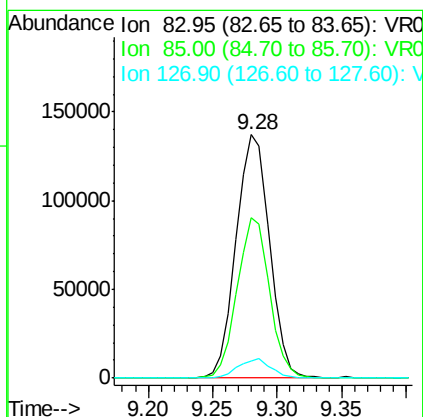
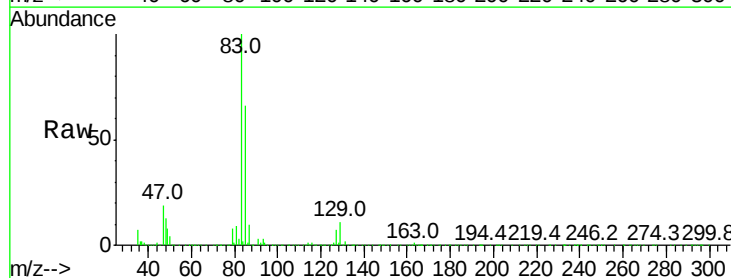
Delta R.T. 0.00 min

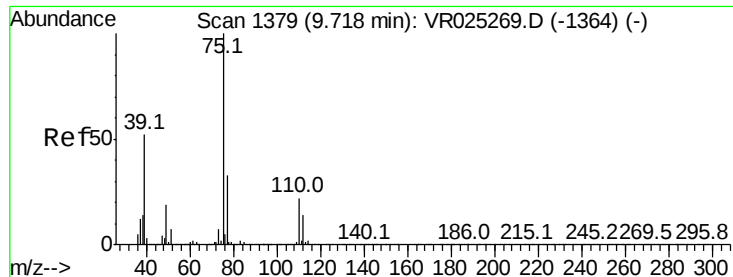
Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Tgt Ion: 83 Resp: 246421

Ion	Ratio	Lower	Upper
83	100		
85	65.9	42.3	78.5
127	7.1	5.9	8.9





#39

cis-1,3-Dichloropropene

Concen: 5.279 ug/L

RT: 9.72 min Scan# 1379

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

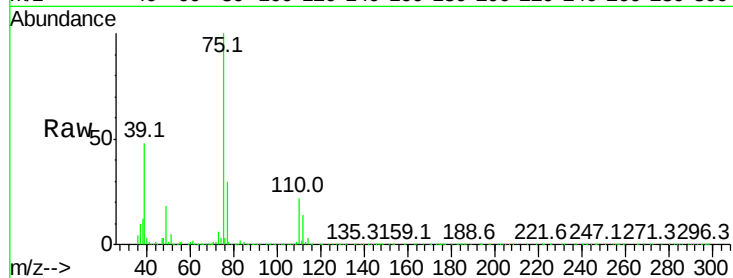
VSTD00585

Tgt Ion: 75 Resp: 304712

Ion Ratio Lower Upper

75 100

77 30.1 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0

9.72

200000

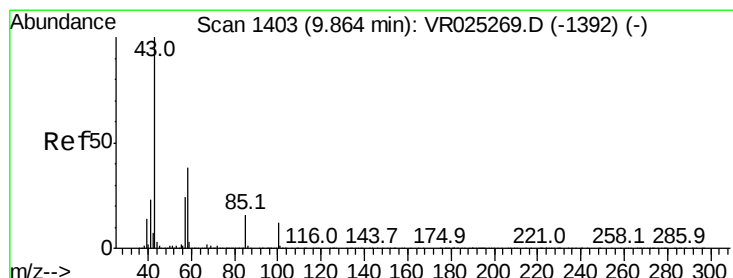
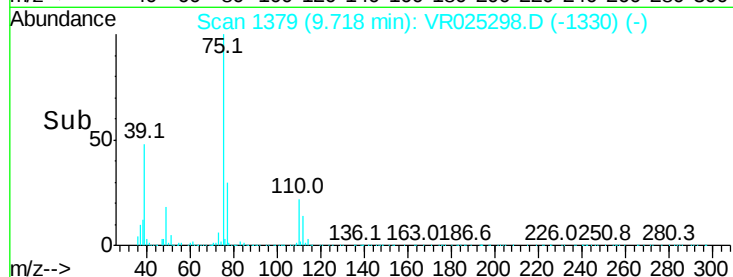
150000

100000

50000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 48.453 ug/L

RT: 9.86 min Scan# 1403

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

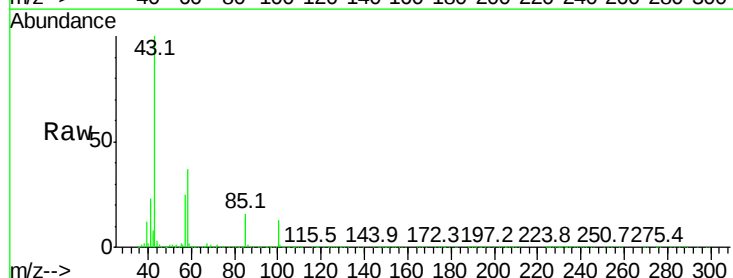
Tgt Ion: 43 Resp: 856442

Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.4

100 12.9 9.8 14.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 100.15 (99.85 to 100.85): VR0

9.86

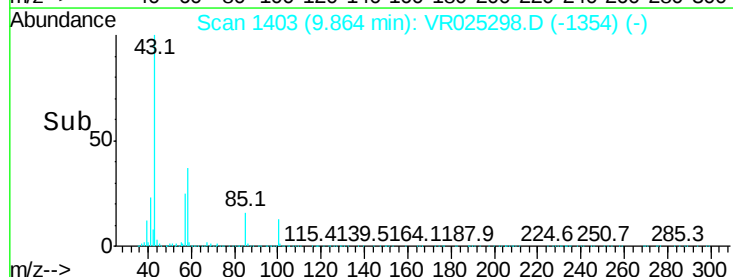
600000

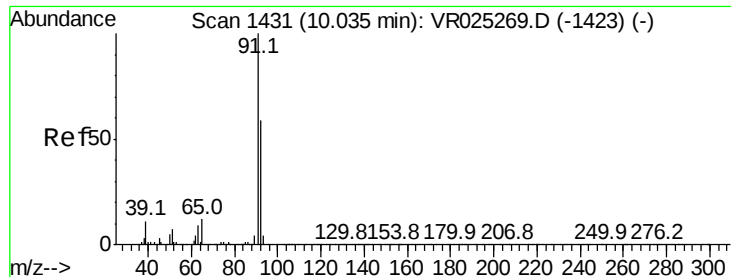
400000

200000

0

Time-->





#42

Toluene

Concen: 5.034 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

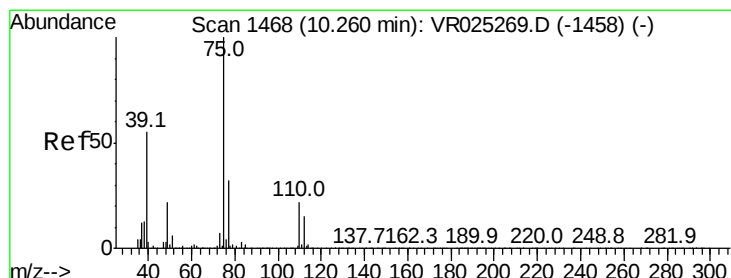
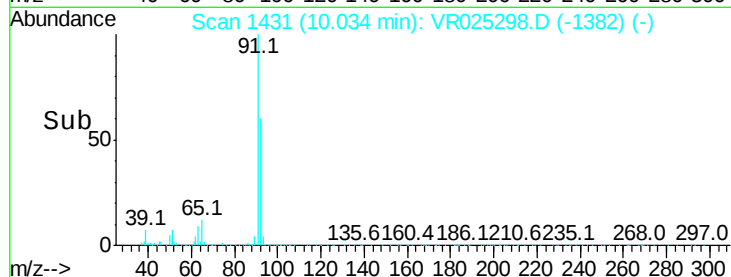
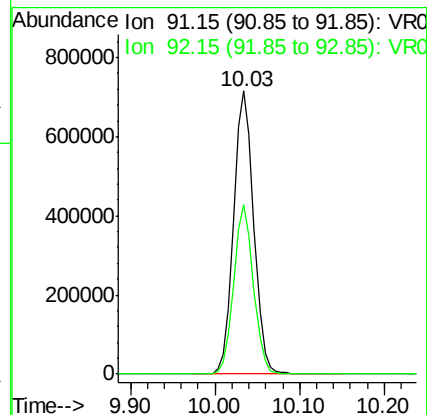
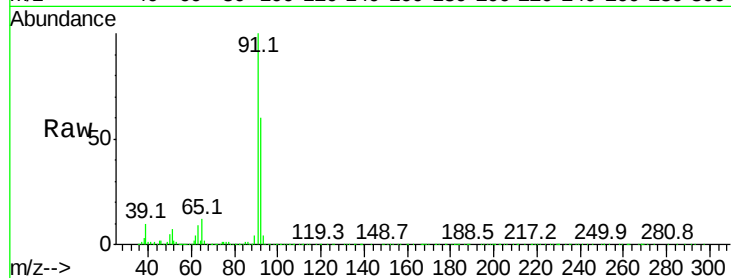
VSTD00585

Tgt Ion: 91 Resp: 1162229

Ion Ratio Lower Upper

91 100

92 59.8 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 5.351 ug/L

RT: 10.27 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VR025298.D

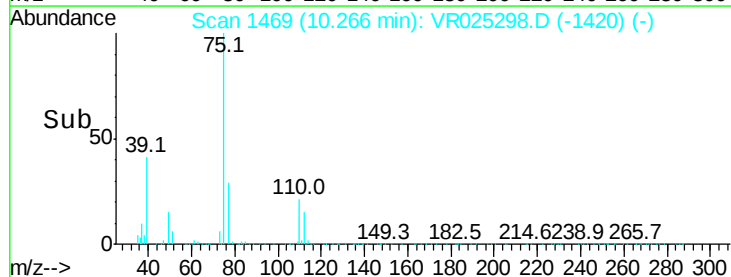
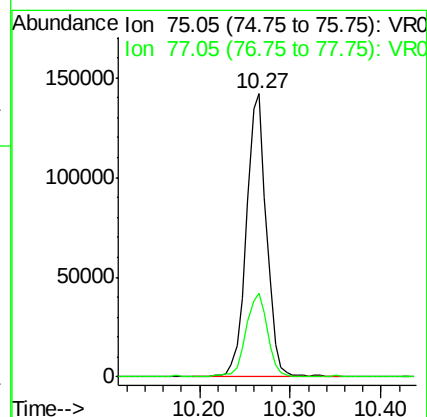
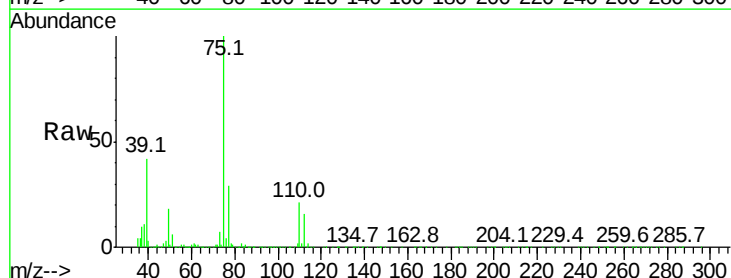
Acq: 15 Jun 2018 13:59

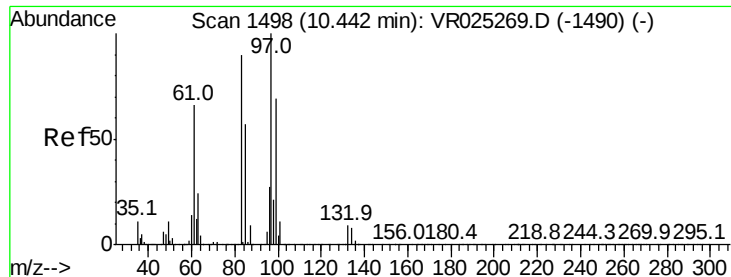
Tgt Ion: 75 Resp: 217190

Ion Ratio Lower Upper

75 100

77 29.5 20.5 38.1





#45

1,1,2-Trichloroethane

Concen: 4.688 ug/L

RT: 10.44 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

VSTD00585

Tgt Ion: 97 Resp: 115590

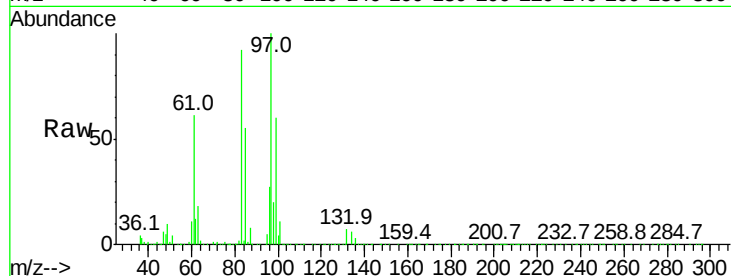
Ion Ratio Lower Upper

97 100

99 59.9 44.1 81.9

83 92.2 61.2 113.6

85 55.2 36.8 68.4

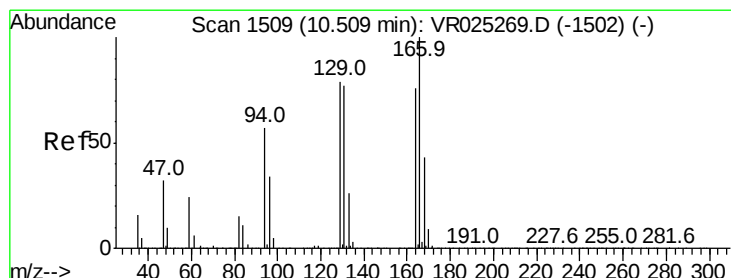
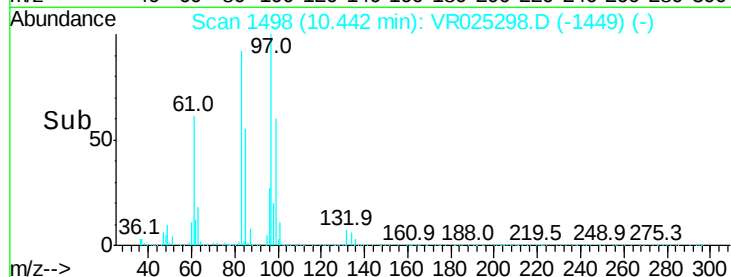
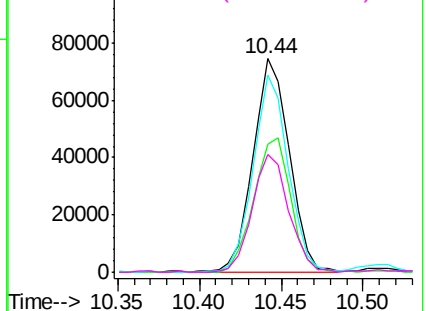


Abundance Ion 96.95 (96.65 to 97.65): VR0

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: 5.114 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Tgt Ion: 164 Resp: 187099

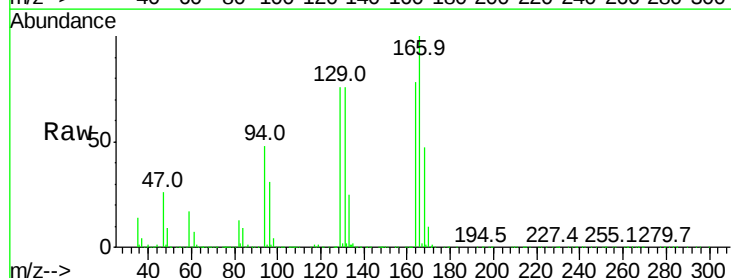
Ion Ratio Lower Upper

164 100

129 97.3 76.9 142.7

131 97.8 69.7 129.4

166 128.4 87.6 162.8

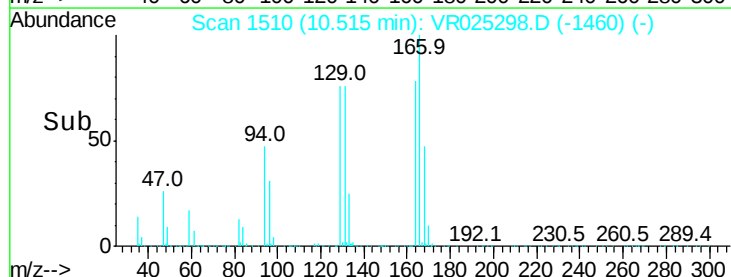
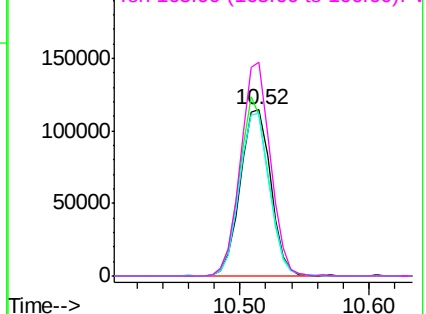


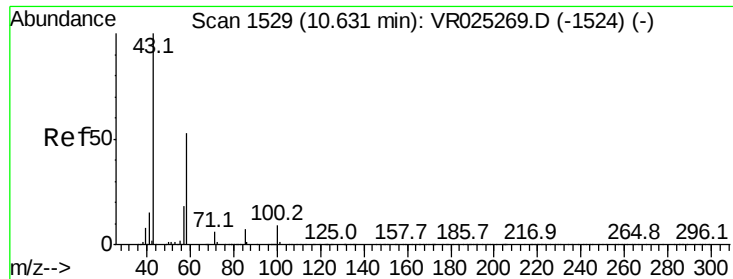
Abundance Ion 163.90 (163.60 to 164.60): V

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

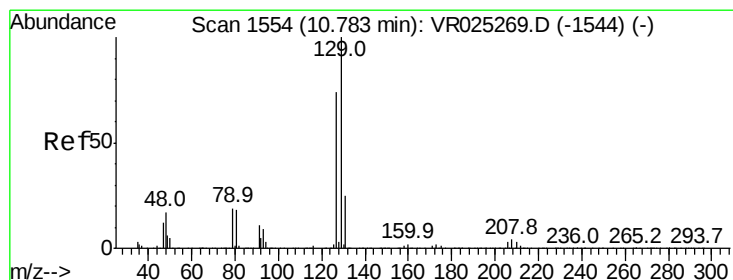
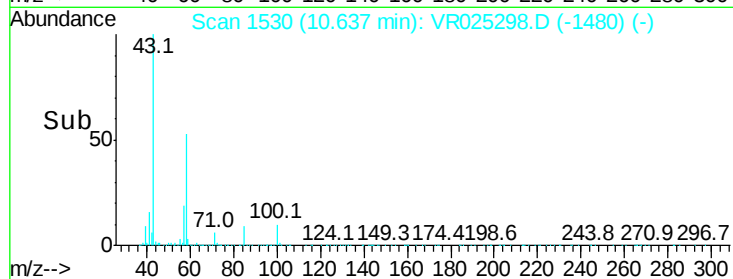
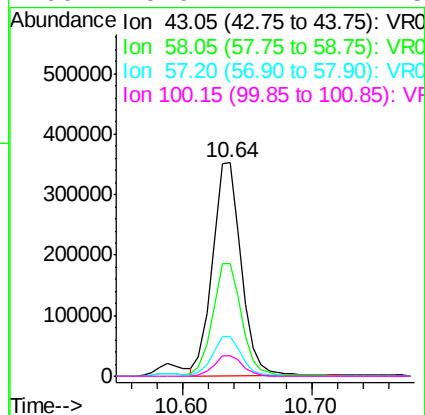
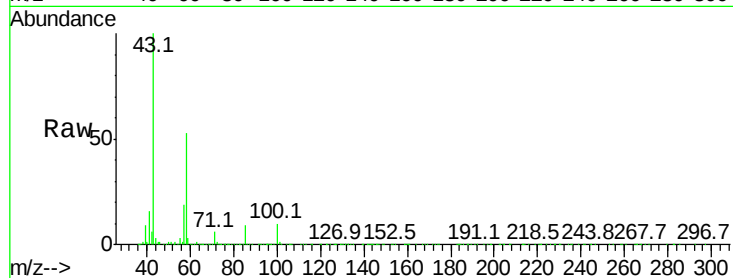




#48
2-Hexanone
Concen: 46.279 ug/L
RT: 10.64 min Scan# 1530
Delta R.T. 0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

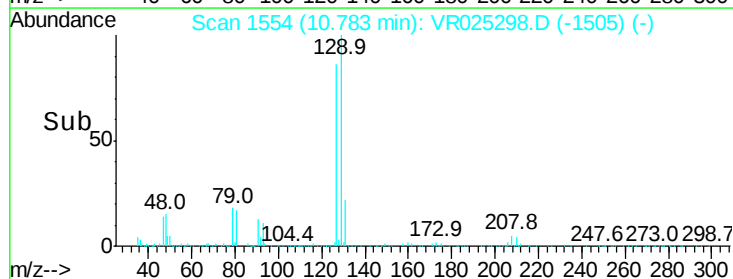
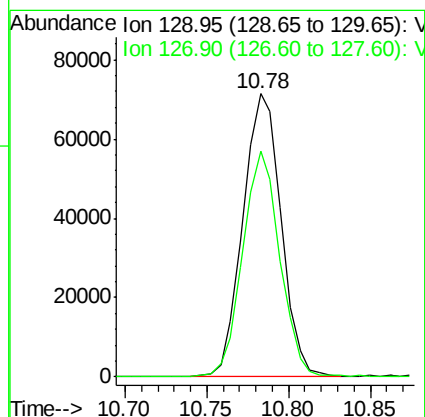
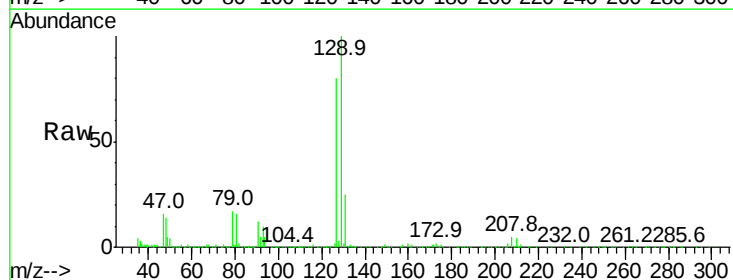
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

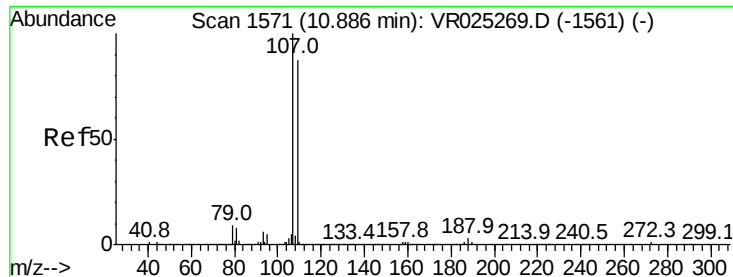
Tgt Ion:	43	Resp:	550925
Ion	Ratio	Lower	Upper
43	100		
58	53.9	44.1	66.1
57	19.1	13.8	20.8
100	9.9	7.7	11.5



#49
Dibromochloromethane
Concen: 5.059 ug/L
RT: 10.78 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion:	129	Resp:	116209
Ion	Ratio	Lower	Upper
129	100		
127	79.8	55.1	102.3

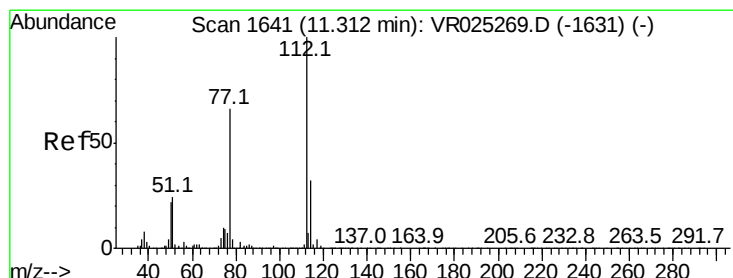
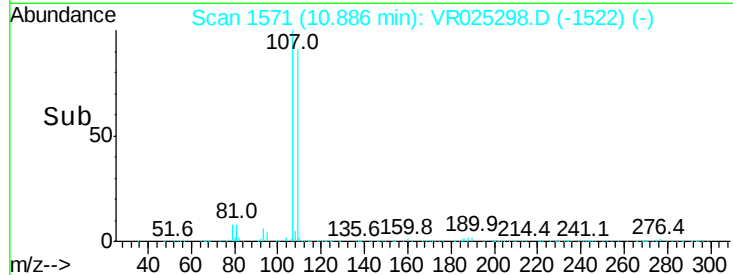
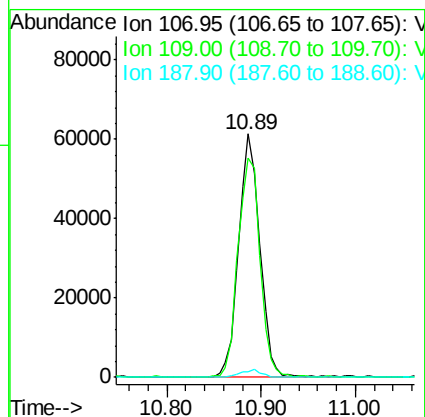
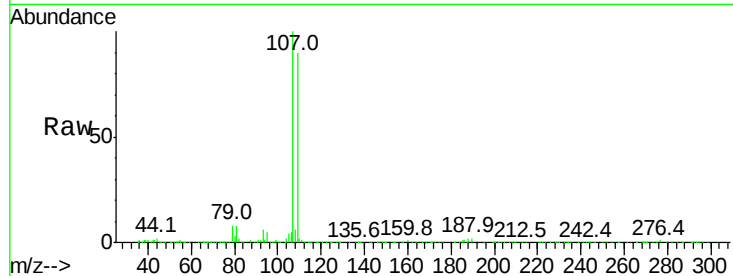




#50
1,2-Dibromoethane
Concen: 4.928 ug/L
RT: 10.89 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

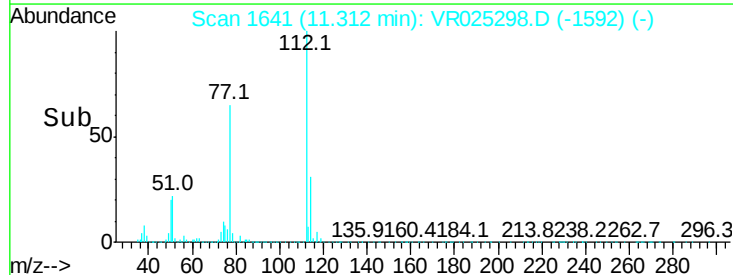
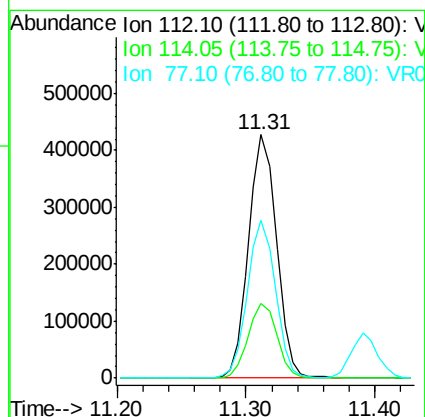
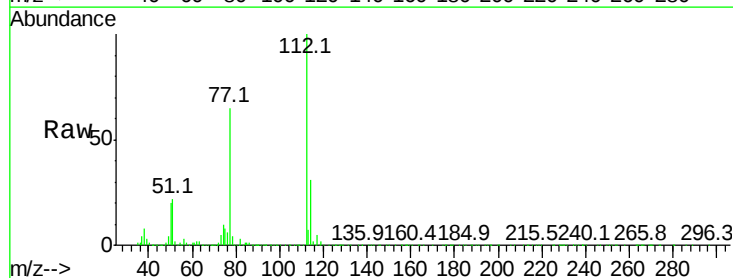
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

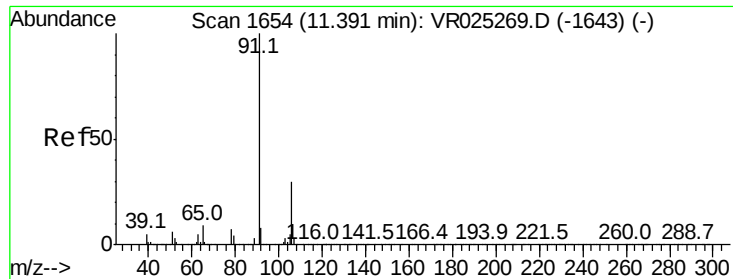
Tgt Ion:107 Resp: 96360
Ion Ratio Lower Upper
107 100
109 90.2 70.9 131.7
188 2.3 2.7 4.1#



#51
Chlorobenzene
Concen: 4.934 ug/L
RT: 11.31 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion:112 Resp: 640707
Ion Ratio Lower Upper
112 100
114 30.8 22.7 42.1
77 64.9 53.4 80.2





#52

Ethylbenzene

Concen: 5.056 ug/L

RT: 11.39 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampleId :

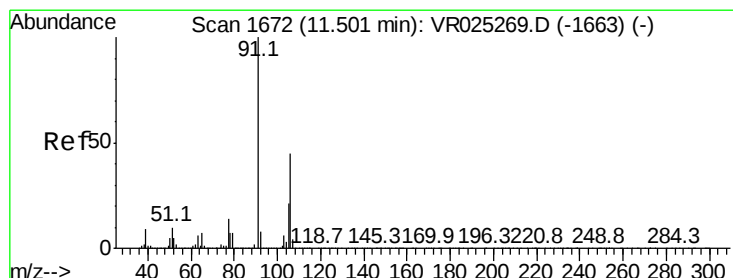
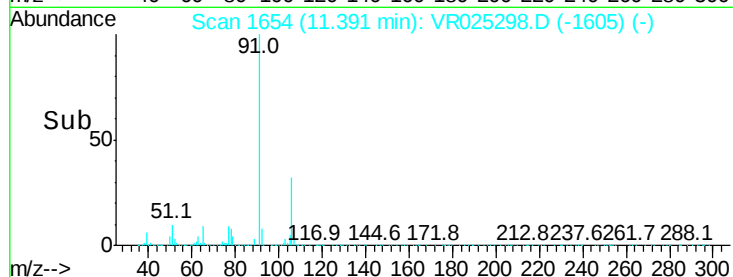
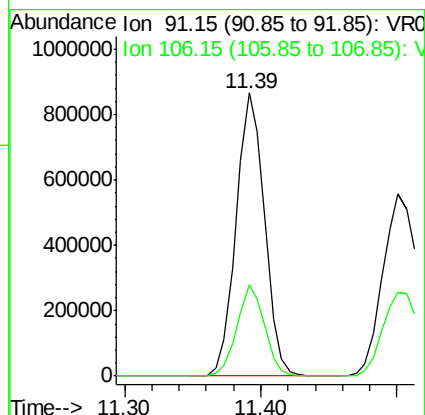
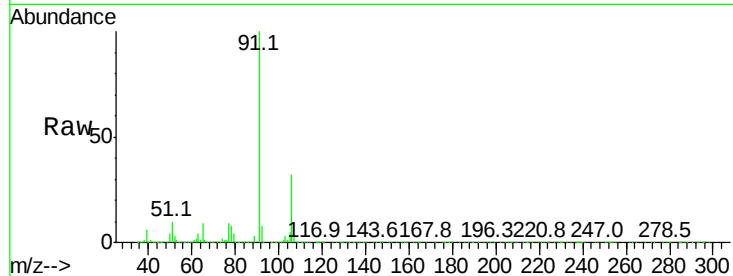
VSTD00585

Tgt Ion: 91 Resp: 1254510

Ion Ratio Lower Upper

91 100

106 32.1 21.3 39.6



#53

m,p-Xylene

Concen: 5.078 ug/L

RT: 11.50 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VR025298.D

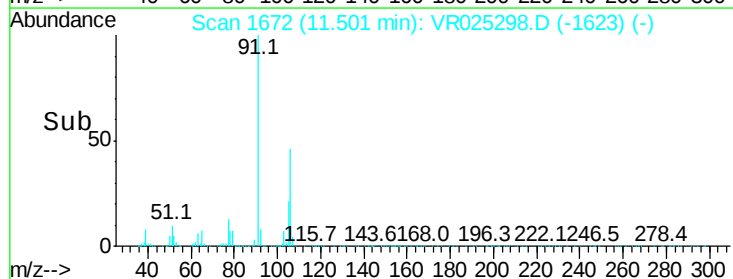
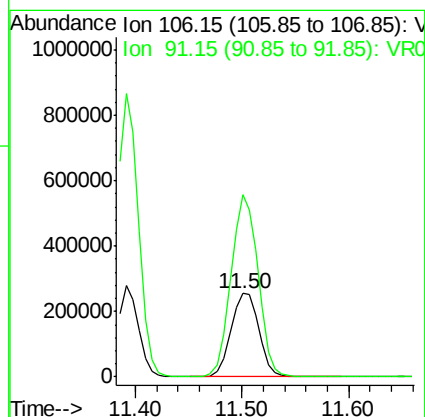
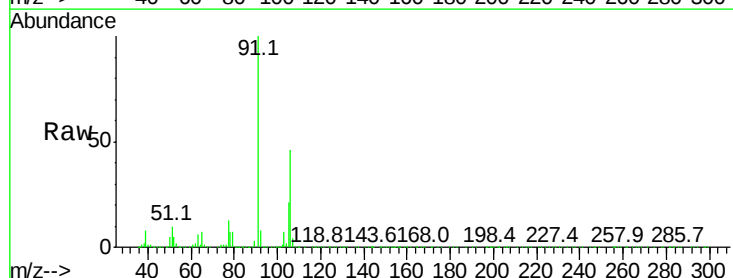
Acq: 15 Jun 2018 13:59

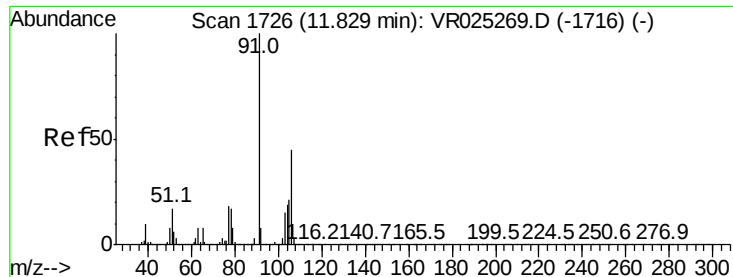
Tgt Ion: 106 Resp: 467020

Ion Ratio Lower Upper

106 100

91 218.0 144.3 268.1

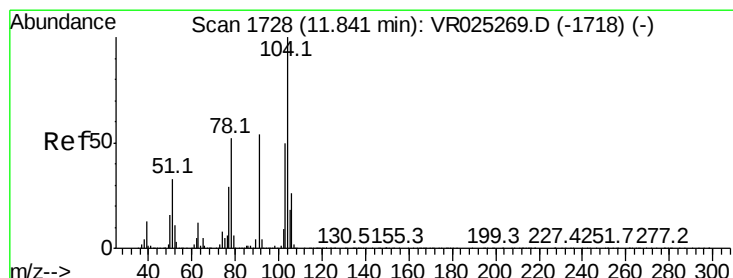
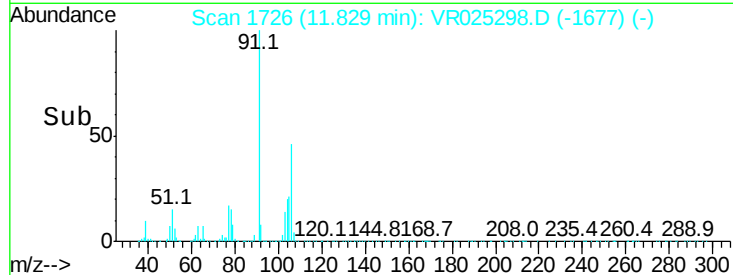
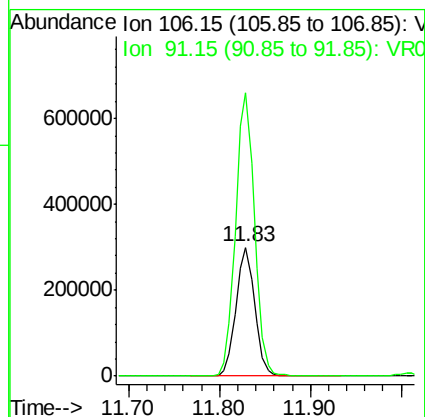
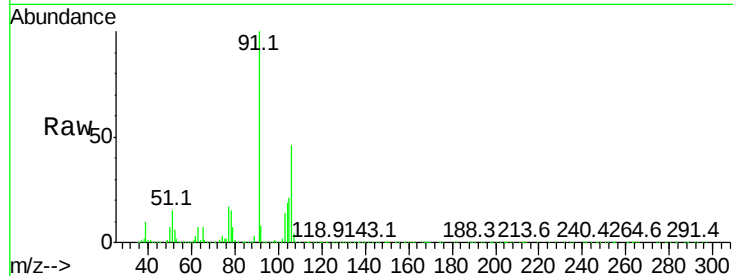




#54
o-Xylene
Concen: 5.176 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

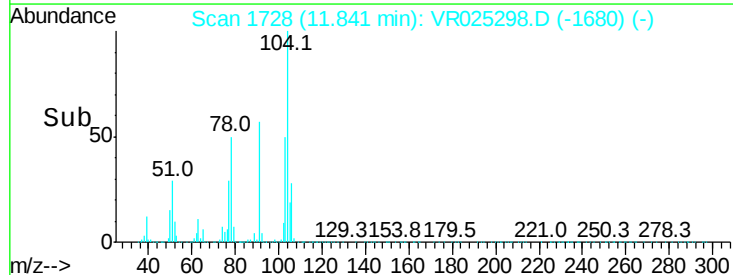
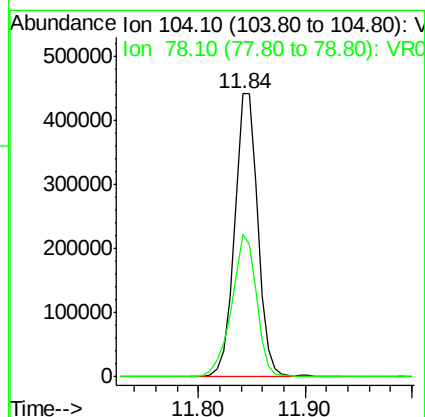
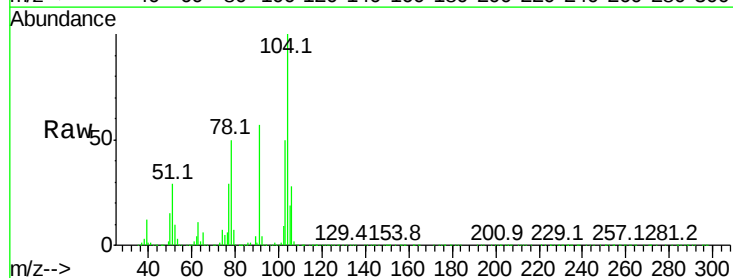
Instrument :
MSVOA_R
ClientSampleId :
VSTD00585

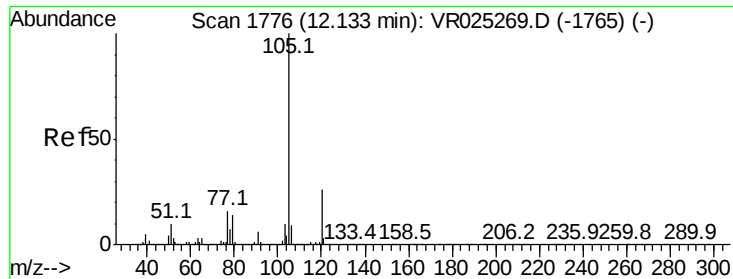
Tgt Ion:106 Resp: 429804
Ion Ratio Lower Upper
106 100
91 219.6 153.7 285.5



#55
Styrene
Concen: 5.005 ug/L
RT: 11.84 min Scan# 1728
Delta R.T. -0.01 min
Lab File: VR025298.D
Acq: 15 Jun 2018 13:59

Tgt Ion:104 Resp: 676102
Ion Ratio Lower Upper
104 100
78 50.5 32.0 59.4





#56

Isopropylbenzene

Concen: 5.440 ug/L

RT: 12.13 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampled :

VSTD00585

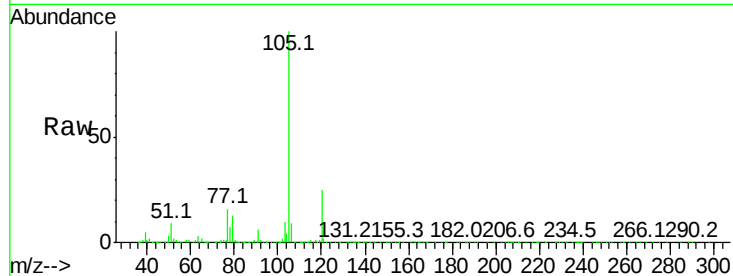
Tgt Ion:105 Resp: 1187173

Ion Ratio Lower Upper

105 100

120 25.3 20.7 31.1

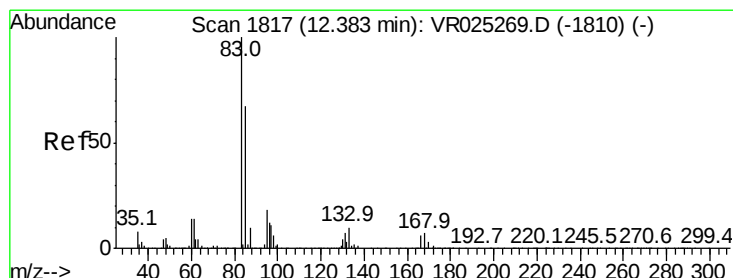
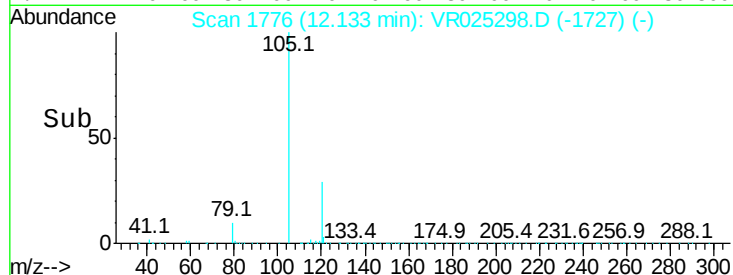
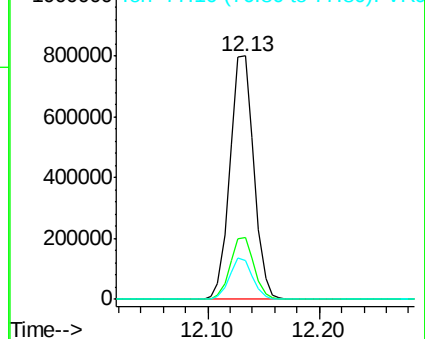
77 16.3 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.666 ug/L

RT: 12.38 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

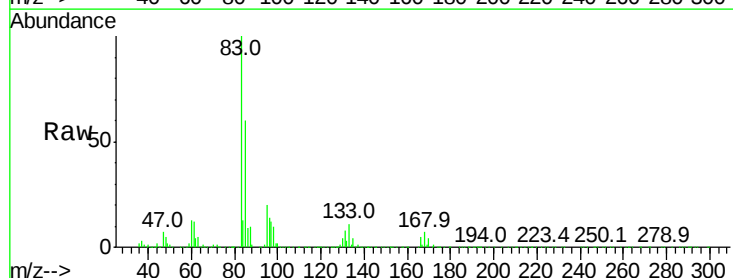
Tgt Ion: 83 Resp: 111200

Ion Ratio Lower Upper

83 100

85 59.7 46.8 86.8

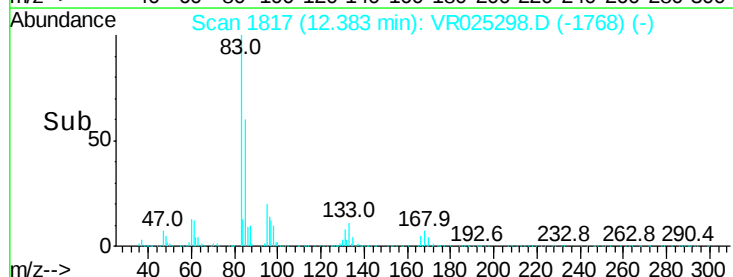
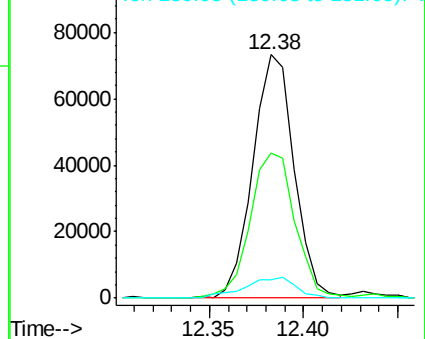
131 7.6 8.0 12.0#

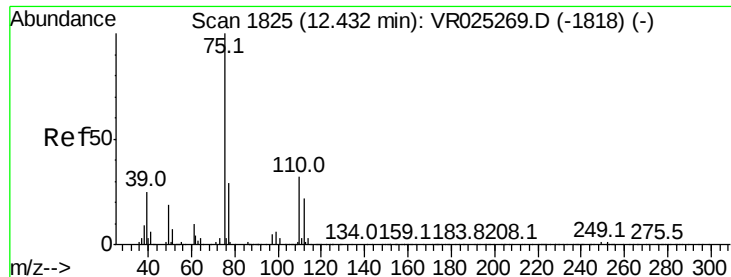


Abundance Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 4.953 ug/L

RT: 12.44 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampled :

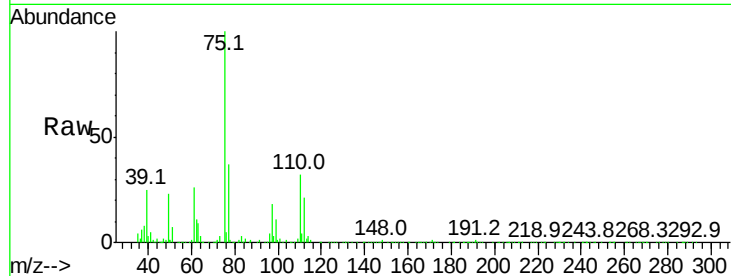
VSTD00585

Tgt Ion: 75 Resp: 77422

Ion Ratio Lower Upper

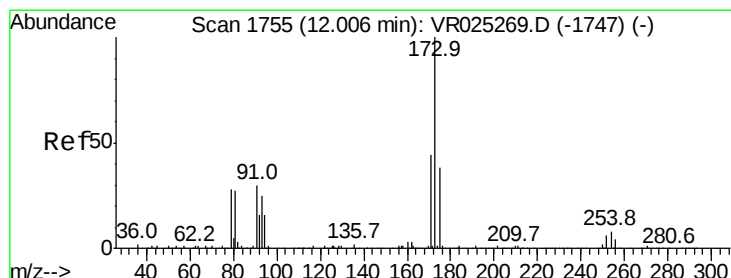
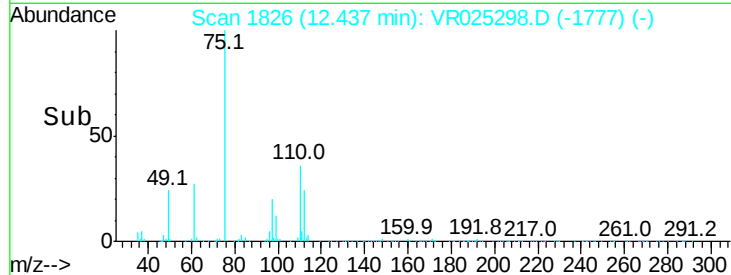
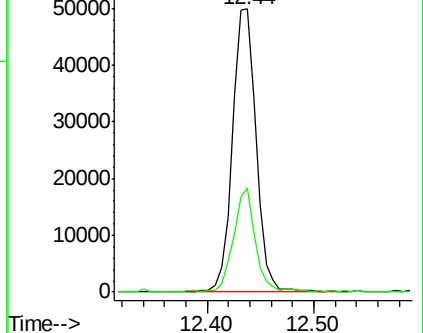
75 100

77 33.7 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: 4.701 ug/L

RT: 12.01 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

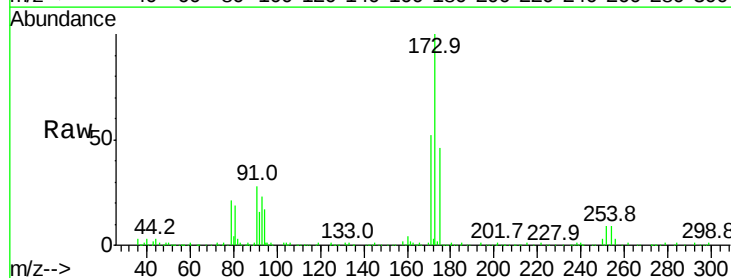
Tgt Ion: 173 Resp: 39169

Ion Ratio Lower Upper

173 100

175 46.9 37.4 56.2

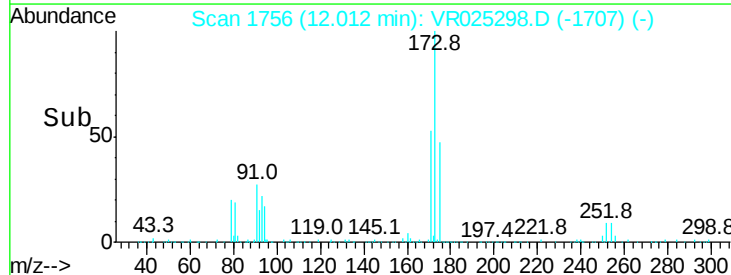
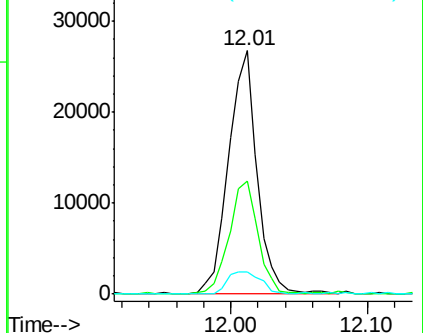
254 10.9 7.2 10.8#

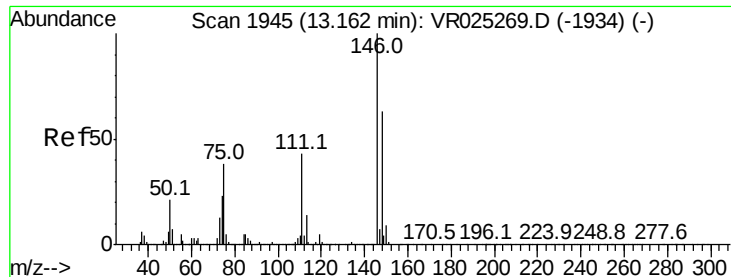


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 5.300 ug/L

RT: 13.16 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

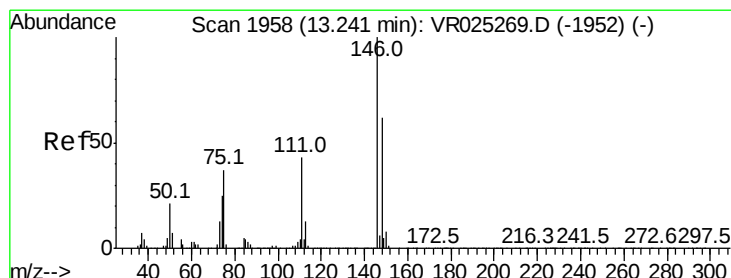
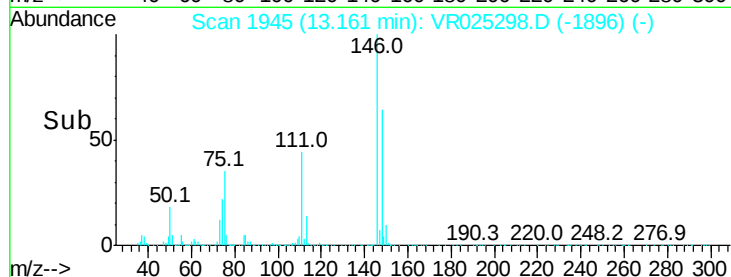
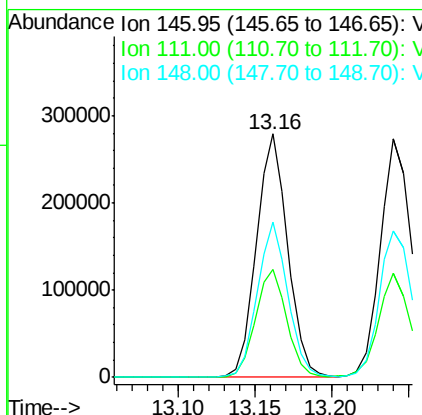
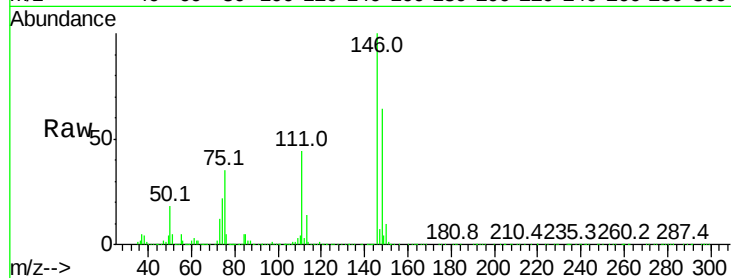
Instrument :

MSVOA_R

ClientSampleId :

VSTD00585

Tgt Ion:	146	Resp:	396375
Ion Ratio	Lower	Upper	
146	100		
111	44.3	30.4	56.4
148	64.0	44.0	81.8



#63

1,4-Dichlorobenzene

Concen: 4.799 ug/L

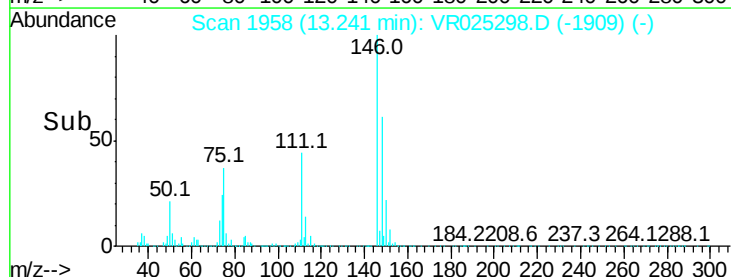
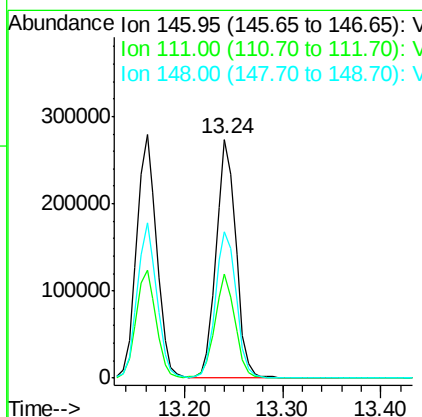
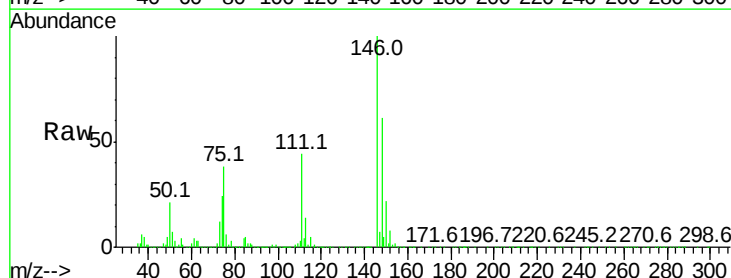
RT: 13.24 min Scan# 1958

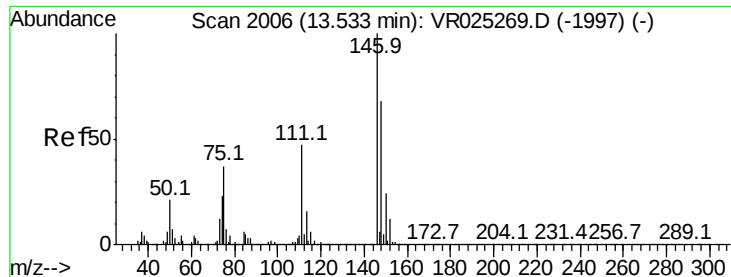
Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Tgt Ion:	146	Resp:	385199
Ion Ratio	Lower	Upper	
146	100		
111	43.6	29.4	54.6
148	61.1	43.3	80.3

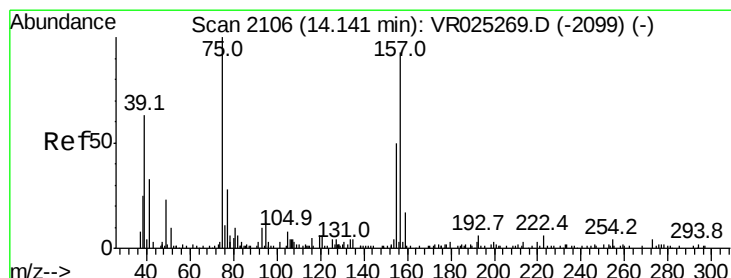
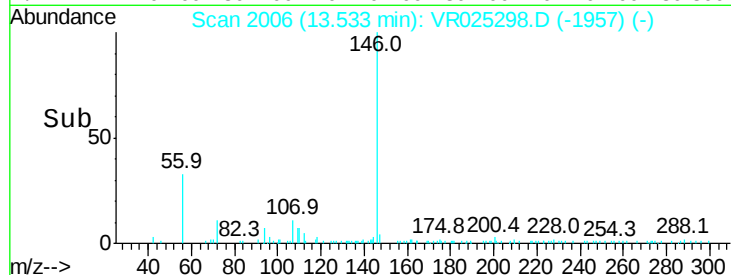
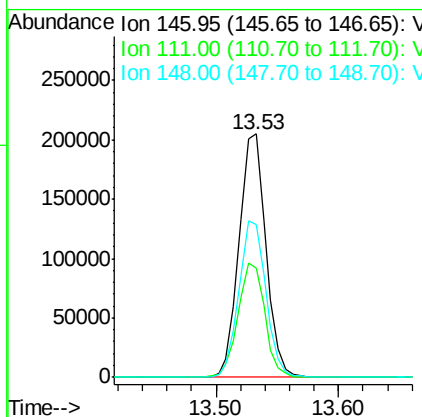
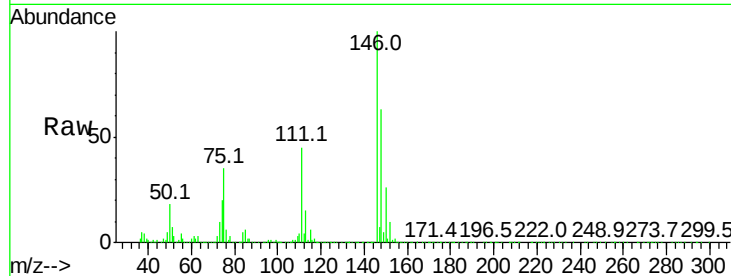




#65
 1,2-Dichlorobenzene
 Concen: 4.861 ug/L
 RT: 13.53 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: VR025298.D
 Acq: 15 Jun 2018 13:59

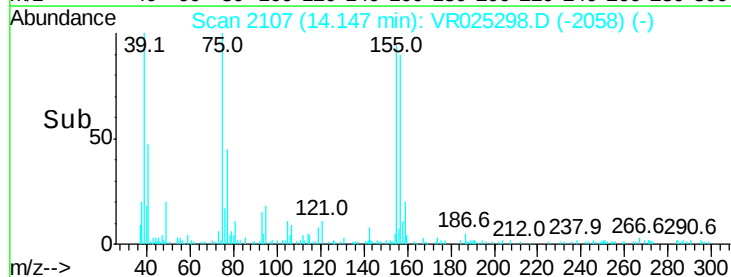
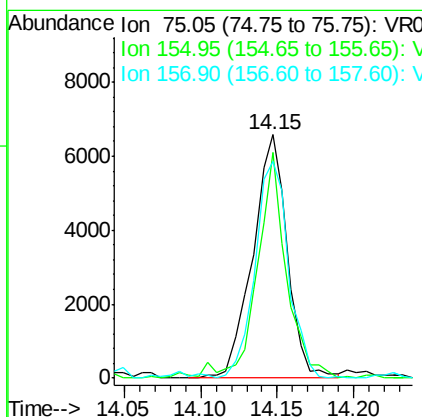
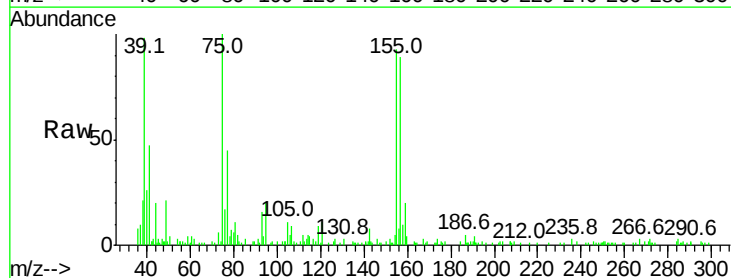
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00585

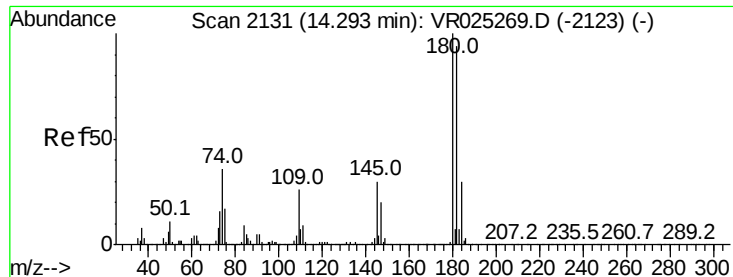
Tgt Ion:	146	Resp:	310168
Ion	Ratio	Lower	Upper
146	100		
111	44.8	33.8	50.6
148	63.0	49.4	74.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.173 ug/L
 RT: 14.15 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: VR025298.D
 Acq: 15 Jun 2018 13:59

Tgt Ion:	75	Resp:	10320
Ion	Ratio	Lower	Upper
75	100		
155	92.6	47.4	71.0#
157	88.8	56.6	84.8#

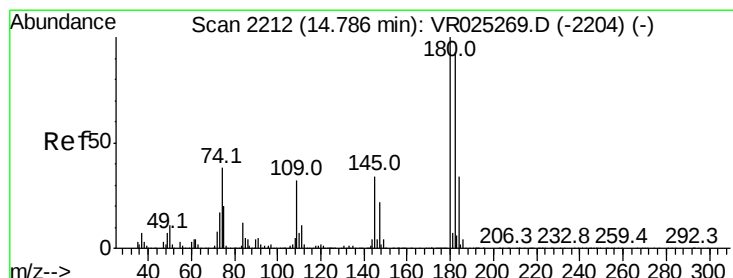
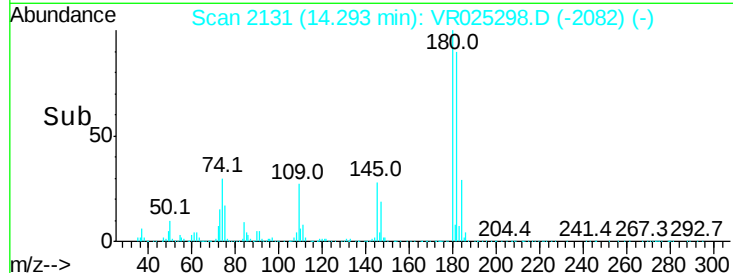
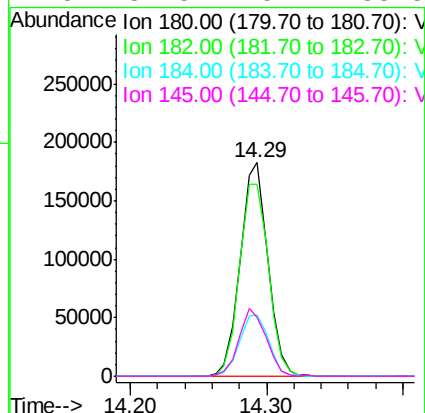
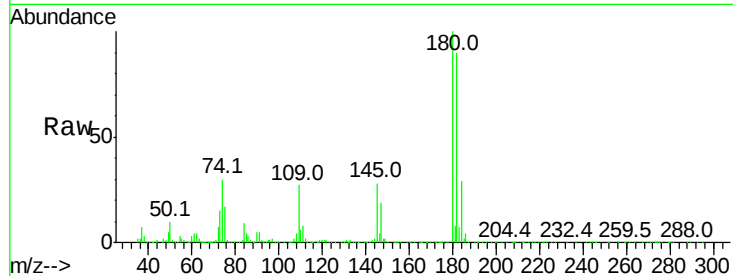




#67
 1,3,5-Trichlorobenzene
 Concen: 5.396 ug/L
 RT: 14.29 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: VR025298.D
 Acq: 15 Jun 2018 13:59

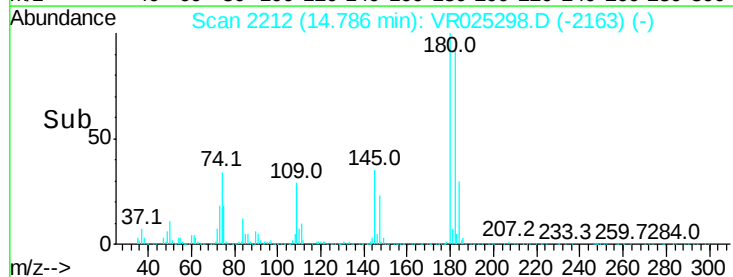
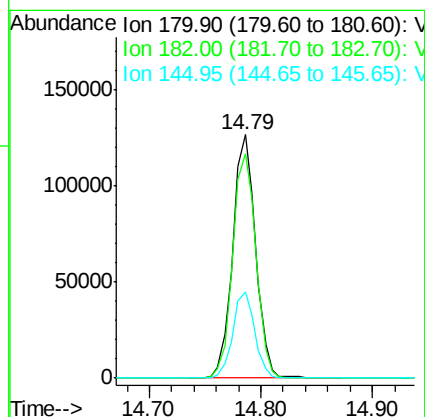
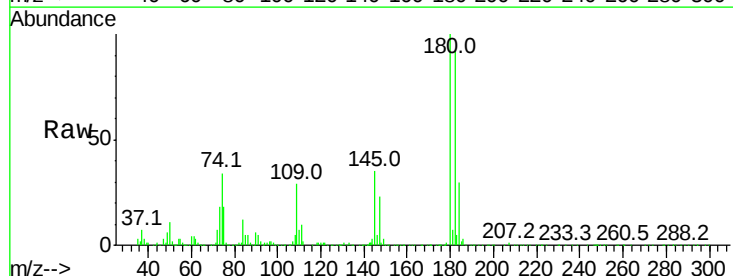
Instrument :
 MSVOA_R
 ClientSampled :
 VSTD00585

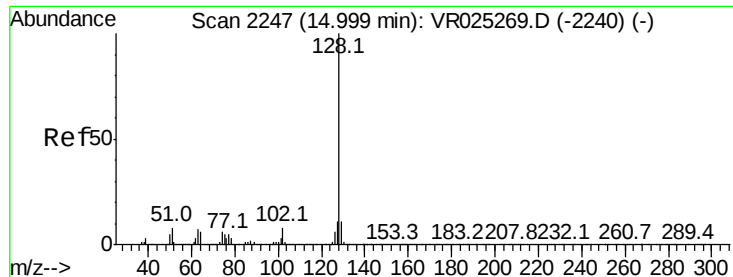
Tgt Ion:	180	Resp:	258221
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.0	115.4
184	30.6	24.7	37.1
145	31.5	25.7	38.5



#68
 1,2,4-trichlorobenzene
 Concen: 5.589 ug/L
 RT: 14.79 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: VR025298.D
 Acq: 15 Jun 2018 13:59

Tgt Ion:	180	Resp:	179073
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.0	115.6
145	34.1	27.6	41.4





#69

Naphthalene

Concen: 5.883 ug/L

RT: 15.00 min Scan# 2247

Delta R.T. -0.01 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Instrument :

MSVOA_R

ClientSampled :

VSTD00585

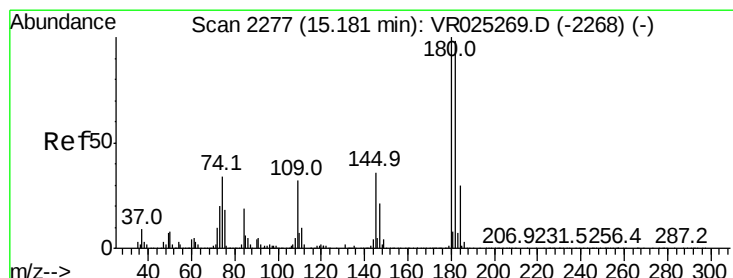
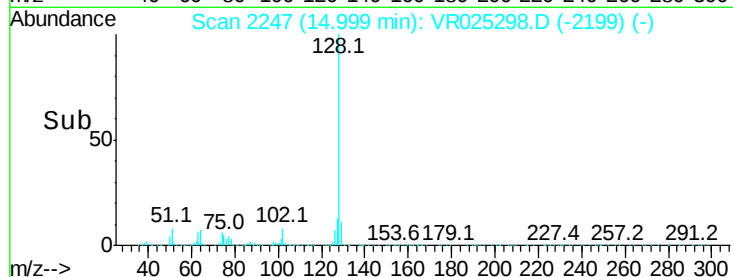
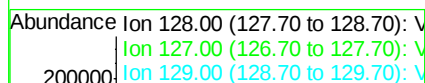
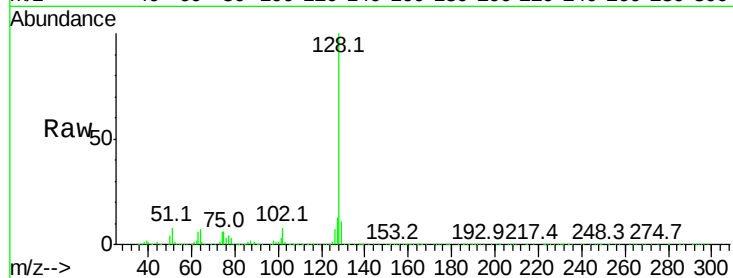
Tgt Ion:128 Resp: 243470

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 10.8 8.6 13.0



#70

1,2,3-Trichlorobenzene

Concen: 5.601 ug/L

RT: 15.18 min Scan# 2277

Delta R.T. 0.00 min

Lab File: VR025298.D

Acq: 15 Jun 2018 13:59

Tgt Ion:180 Resp: 139643

Ion Ratio Lower Upper

180 100

182 94.0 74.8 112.2

145 35.2 27.0 40.4

