

Data File : VR025297.D
Acq On : 15 Jun 2018 13:25
Operator : SY/MD
Sample : VSTD00184
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

Quant Time: Jun 15 14:33:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 14:32:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	709348	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	568735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	220090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	27930	0.96	ug/L	0.00
7) Chloroethane-d5	2.64	69	20170	0.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.65	63	71652	0.97	ug/L	0.00
20) 2-Butanone-d5	6.59	46	65869	10.93	ug/L	0.00
24) Chloroform-d	7.21	84	96558	1.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	37305	1.10	ug/L	0.00
32) Benzene-d6	7.86	84	198687	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	58757	1.12	ug/L	0.00
41) Toluene-d8	9.97	98	178762	1.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	13796	1.06	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	49593	10.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	22076	1.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	39627	1.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	52541	1.073 ug/L	97
3) Chloromethane	2.00	50	39304	0.919 ug/L	97
5) Vinyl chloride	2.16	62	34211	0.892 ug/L	97
6) Bromomethane	2.53	94	17650	0.904 ug/L	84
8) Chloroethane	2.66	64	17880	0.867 ug/L #	78
9) Trichlorofluoromethane	2.99	101	17157	0.333 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	29495	0.955 ug/L	98
12) 1,1-Dichloroethene	3.66	96	27280	0.872 ug/L	74
13) Acetone	3.71	43	34063	9.190 ug/L	98
14) Carbon disulfide	3.96	76	51510	0.654 ug/L	99
15) Methyl Acetate	4.21	43	8184	0.898 ug/L #	85
16) Methylene chloride	4.39	84	7181	0.235 ug/L	90
17) Methyl tert-butyl Ether	4.90	73	80389	1.138 ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	54990	0.984 ug/L	98
19) 1,1-Dichloroethane	5.70	63	101983	1.055 ug/L	98
21) 2-Butanone	6.70	43	75541	10.282 ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	56796	1.072 ug/L #	87
23) Bromochloromethane	7.05	128	17817	1.137 ug/L	93
25) Chloroform	7.23	83	94620	1.068 ug/L	91
27) 1,2-Dichloroethane	8.00	62	43184	1.045 ug/L #	91
29) 1,1,1-Trichloroethane	7.43	97	69418	1.138 ug/L	99
30) Cyclohexane	7.52	56	89087	1.062 ug/L	98
31) Carbon tetrachloride	7.64	117	58301	1.073 ug/L	95
33) Benzene	7.91	78	246037	1.119 ug/L	100
34) Trichloroethene	8.71	95	57359	1.120 ug/L	93
35) Methylcyclohexane	8.96	83	87358	1.036 ug/L	97
37) 1,2-Dichloropropane	9.00	63	52443	1.025 ug/L	98
38) Bromodichloromethane	9.28	83	49950	1.077 ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	59247	1.084 ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	170997	10.217 ug/L	99

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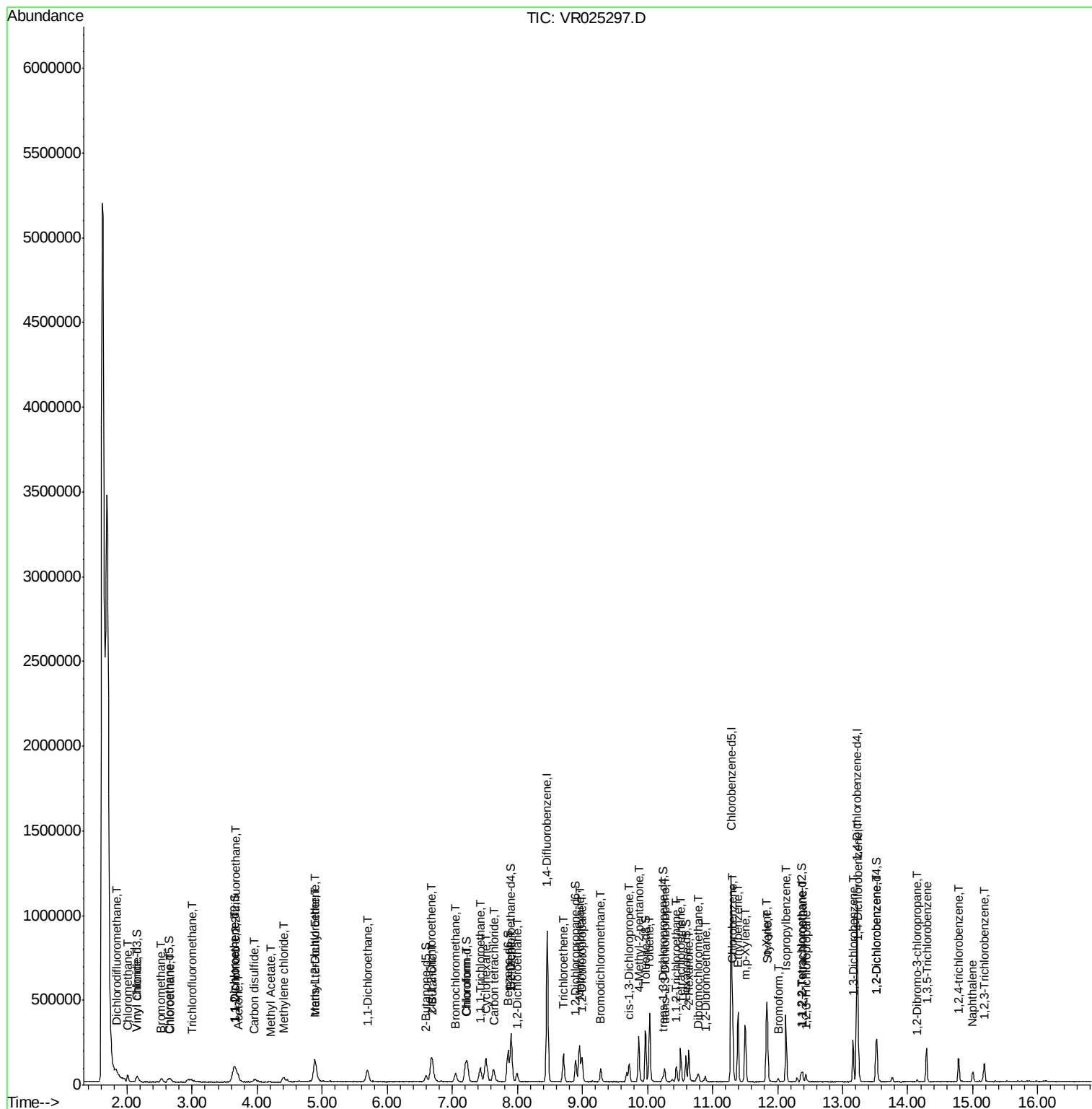
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	270317	1.237	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	39084	1.017	ug/L	92
45) 1,1,2-Trichloroethane	10.44	97	25319	1.085	ug/L	95
47) Tetrachloroethene	10.52	164	39872	1.151	ug/L	96
48) 2-Hexanone	10.64	43	109801	9.741	ug/L	98
49) Dibromochloromethane	10.78	129	20903	0.961	ug/L	86
50) 1,2-Dibromoethane	10.89	107	19107	1.032	ug/L #	94
51) Chlorobenzene	11.31	112	141392	1.150	ug/L	97
52) Ethylbenzene	11.39	91	259197	1.103	ug/L	99
53) m,p-Xylene	11.50	106	97463	1.119	ug/L	97
54) o-Xylene	11.83	106	88499	1.126	ug/L	97
55) Styrene	11.85	104	135062	1.056	ug/L	95
56) Isopropylbenzene	12.13	105	232878	1.127	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.38	83	23768	1.053	ug/L	99
59) 1,2,3-Trichloropropane	12.44	75	17254	1.166	ug/L	97
61) Bromoform	12.01	173	7291	0.913	ug/L	95
62) 1,3-Dichlorobenzene	13.16	146	80571	1.123	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	84930	1.103	ug/L	93
65) 1,2-Dichlorobenzene	13.53	146	66815	1.092	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	3161	1.333	ug/L #	59
67) 1,3,5-Trichlorobenzene	14.29	180	53696	1.170	ug/L	98
68) 1,2,4-trichlorobenzene	14.78	180	35572	1.158	ug/L	97
69) Naphthalene	15.00	128	42482	1.070	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	27594	1.154	ug/L	96

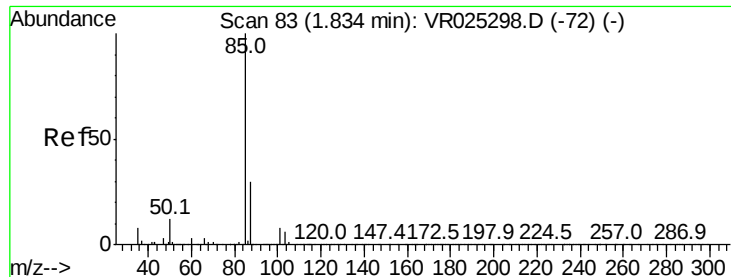
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#2

Dichlorodifluoromethane

Concen: 1.073 ug/L

RT: 1.84 min Scan# 84

Delta R.T. 0.01 min

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Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

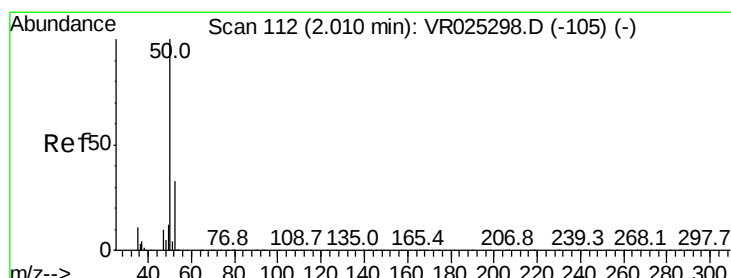
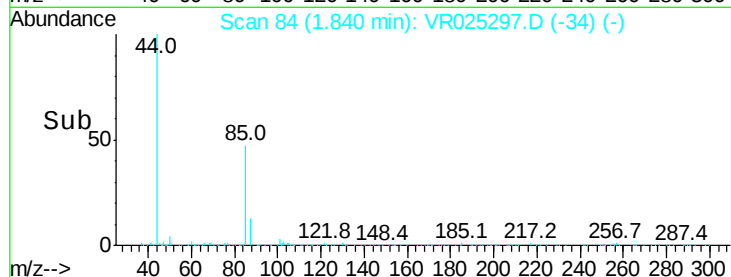
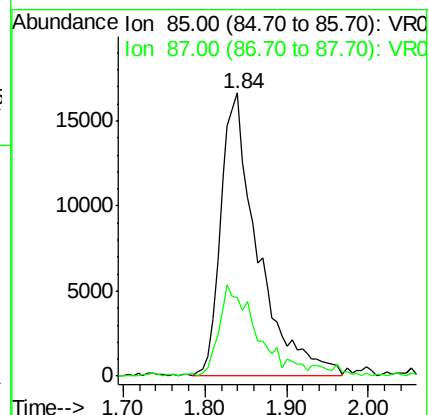
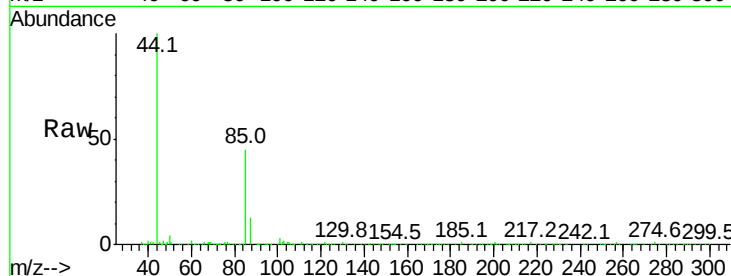
VSTD00184

Tgt Ion: 85 Resp: 52541

Ion Ratio Lower Upper

85 100

87 33.3 25.4 38.0



#3

Chloromethane

Concen: 0.919 ug/L

RT: 2.00 min Scan# 111

Delta R.T. -0.01 min

Lab File: VR025297.D

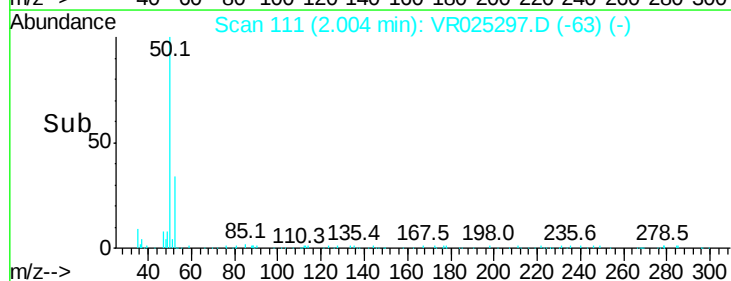
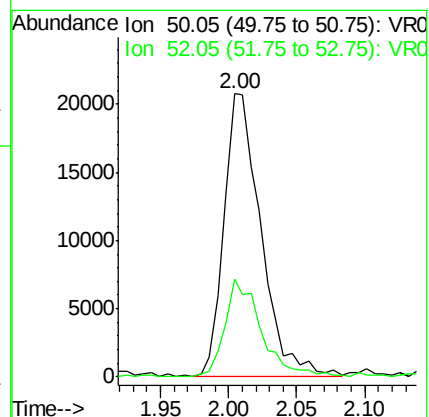
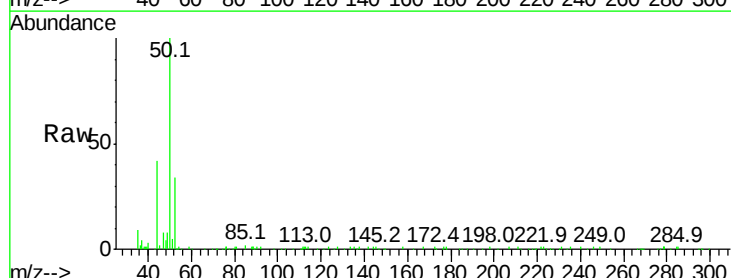
Acq: 15 Jun 2018 13:25

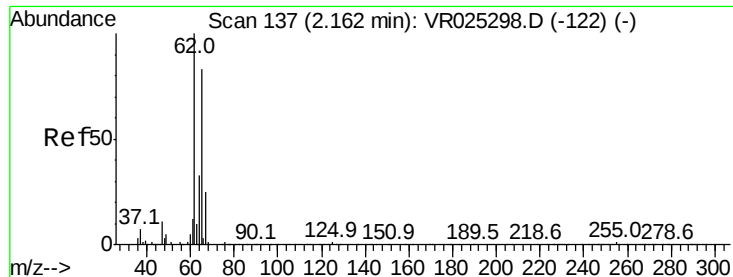
Tgt Ion: 50 Resp: 39304

Ion Ratio Lower Upper

50 100

52 34.4 22.8 42.4





#5

Vinyl chloride

Concen: 0.892 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampled :

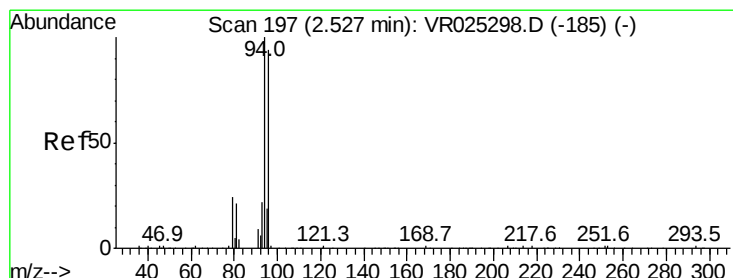
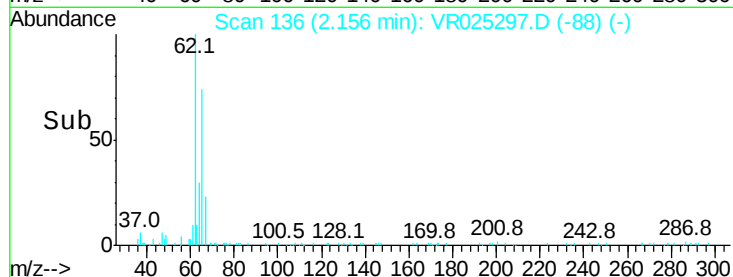
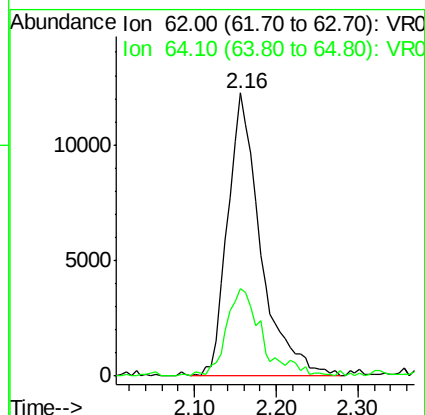
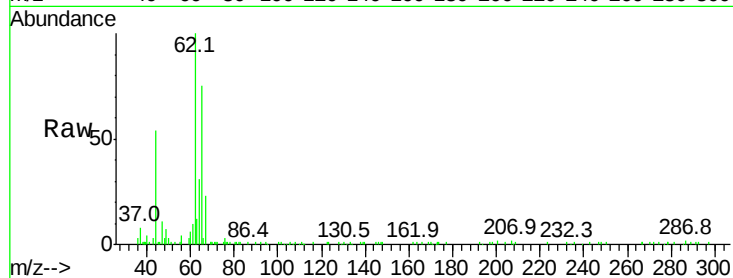
VSTD00184

Tgt Ion: 62 Resp: 34211

Ion Ratio Lower Upper

62 100

64 30.9 22.8 42.4



#6

Bromomethane

Concen: 0.904 ug/L

RT: 2.53 min Scan# 197

Delta R.T. 0.00 min

Lab File: VR025297.D

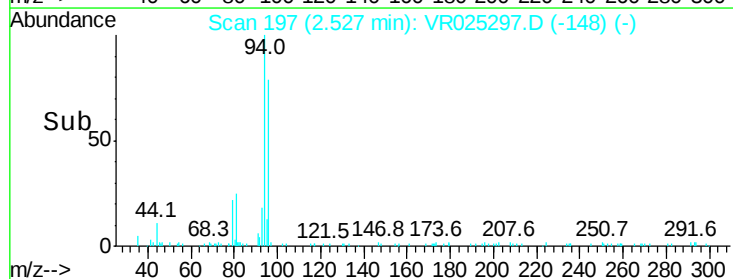
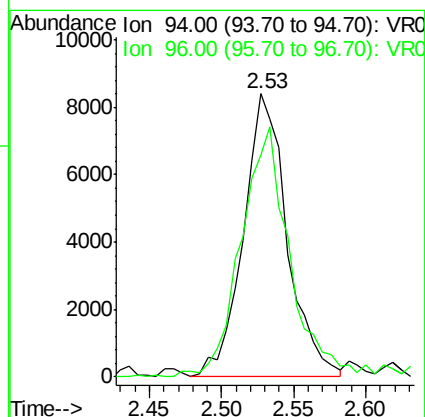
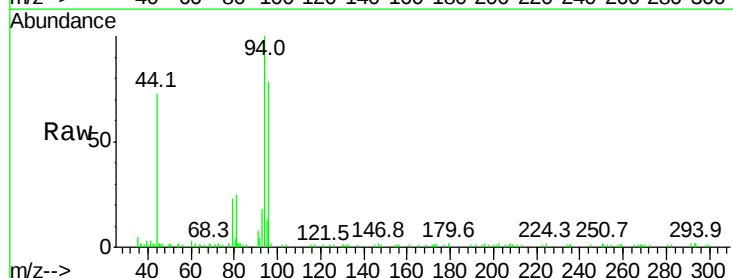
Acq: 15 Jun 2018 13:25

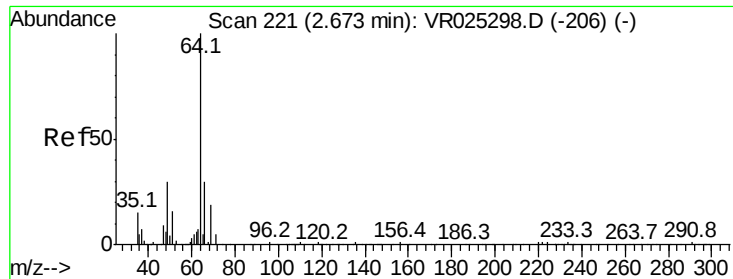
Tgt Ion: 94 Resp: 17650

Ion Ratio Lower Upper

94 100

96 78.2 65.9 122.3





#8

Chloroethane

Concen: 0.867 ug/L

RT: 2.66 min Scan# 219

Delta R.T. -0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

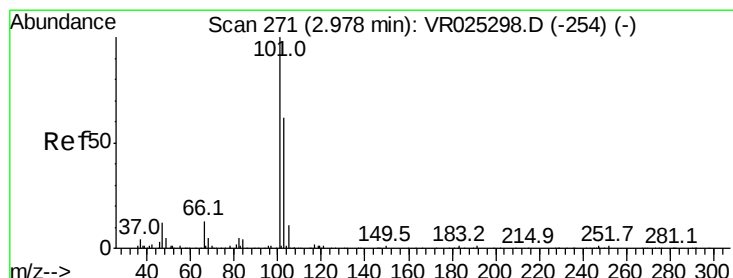
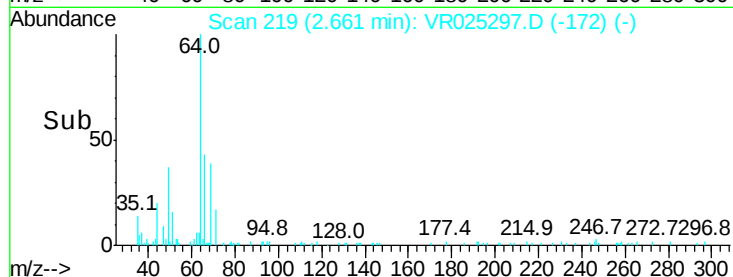
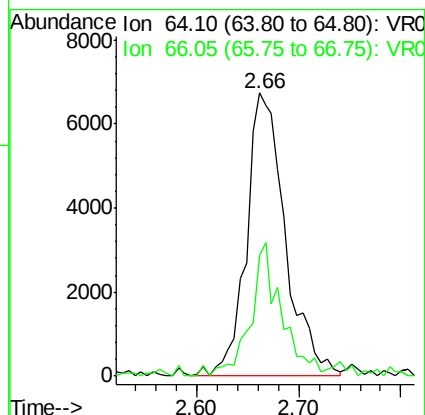
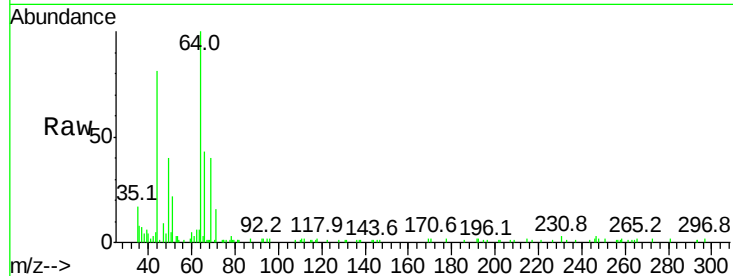
VSTD00184

Tgt Ion: 64 Resp: 17880

Ion Ratio Lower Upper

64 100

66 42.5 21.3 39.5#



#9

Trichlorofluoromethane

Concen: 0.333 ug/L

RT: 2.99 min Scan# 273

Delta R.T. 0.01 min

Lab File: VR025297.D

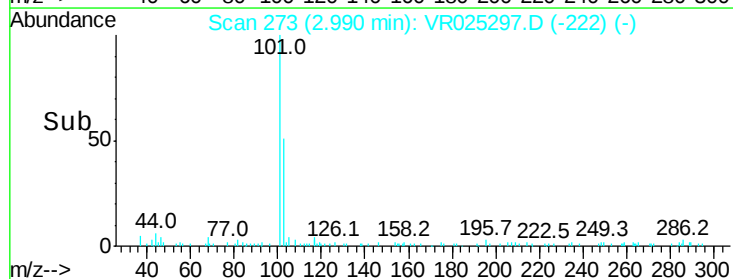
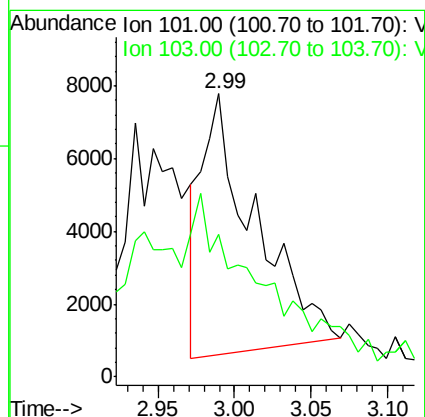
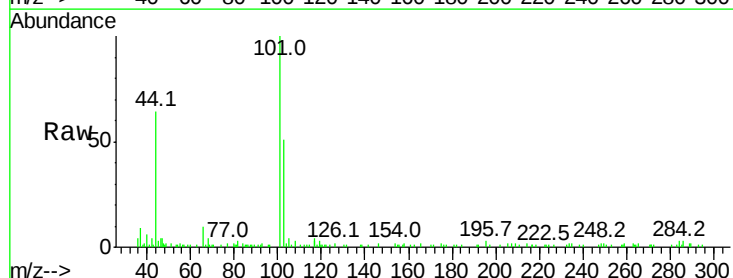
Acq: 15 Jun 2018 13:25

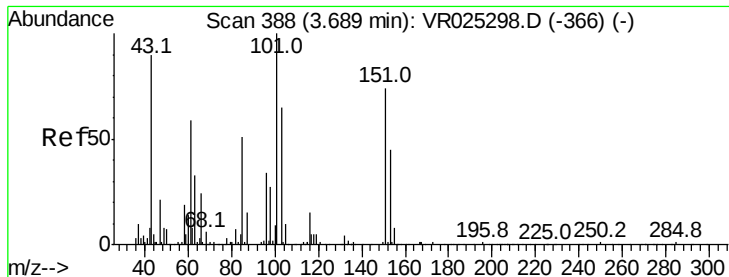
Tgt Ion: 101 Resp: 17157

Ion Ratio Lower Upper

101 100

103 97.1 11.0 16.4#





#10

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

Concen: 0.955 ug/L

RT: 3.68 min Scan# 386

Delta R.T. -0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

VSTD00184

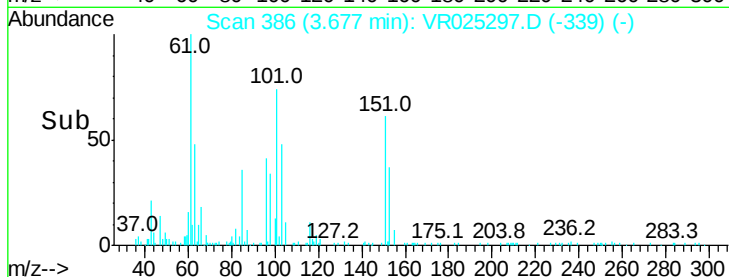
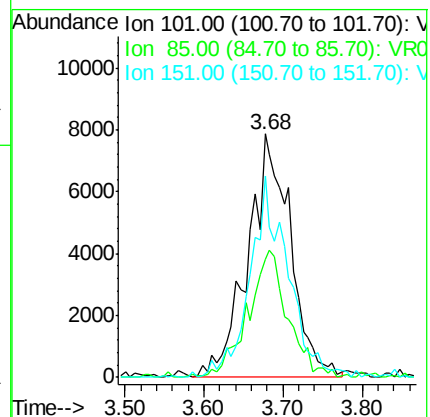
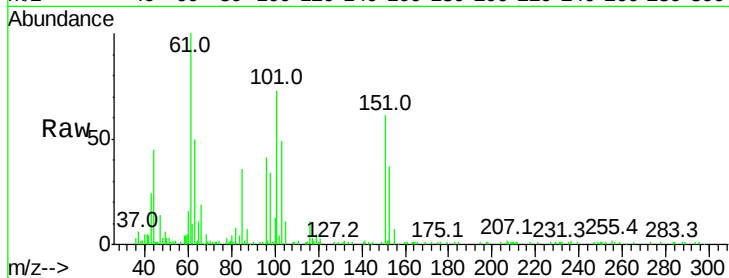
Tgt Ion:101 Resp: 29495

Ion Ratio Lower Upper

101 100

85 47.6 39.1 58.7

151 73.0 57.5 86.3



#12

1,1-Dichloroethene

Concen: 0.872 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

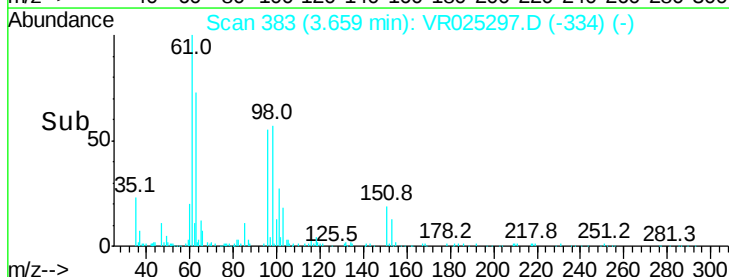
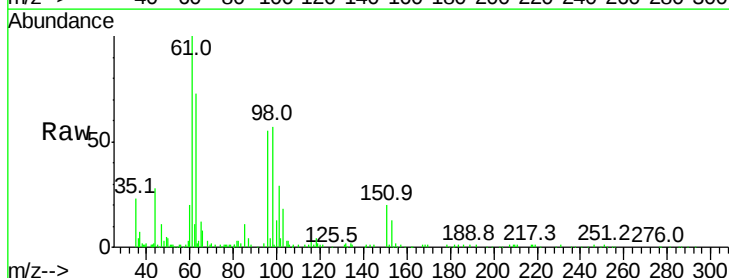
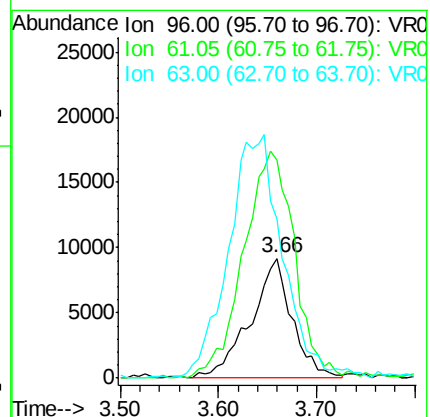
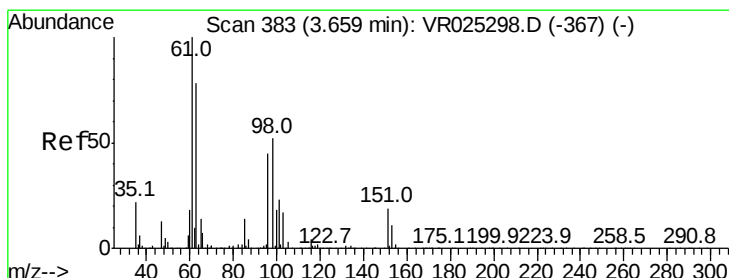
Tgt Ion: 96 Resp: 27280

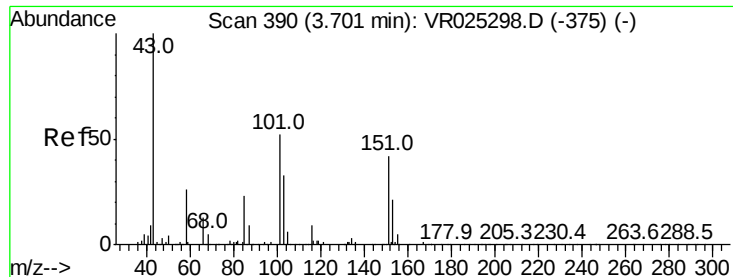
Ion Ratio Lower Upper

96 100

61 182.6 155.0 287.9

63 136.4 122.3 227.1





#13

Acetone

Concen: 9.190 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

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ClientSampleId :

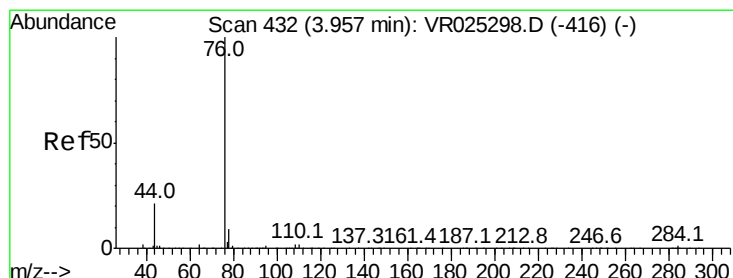
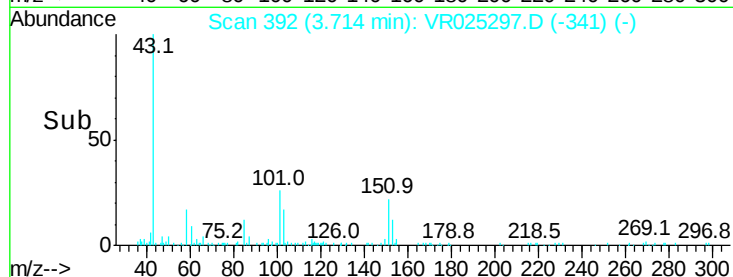
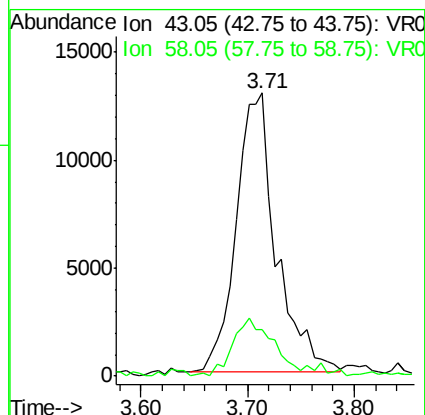
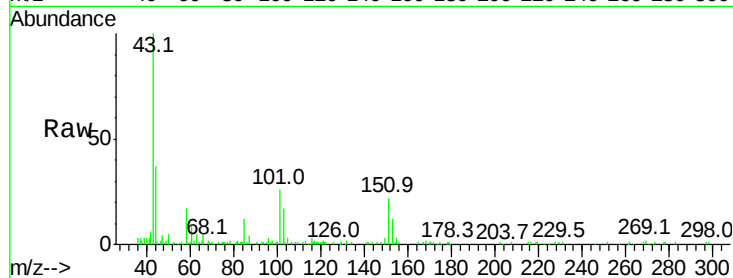
VSTD00184

Tgt Ion: 43 Resp: 34063

Ion Ratio Lower Upper

43 100

58 19.8 0.0 41.6



#14

Carbon disulfide

Concen: 0.654 ug/L

RT: 3.96 min Scan# 432

Delta R.T. -0.00 min

Lab File: VR025297.D

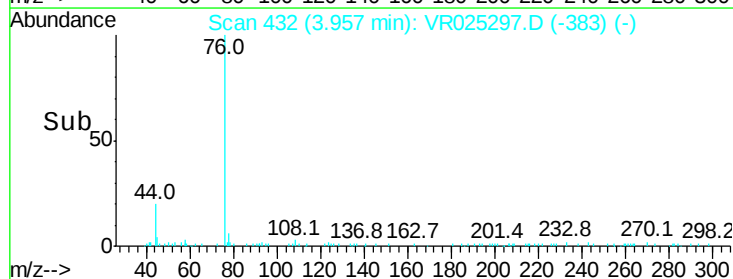
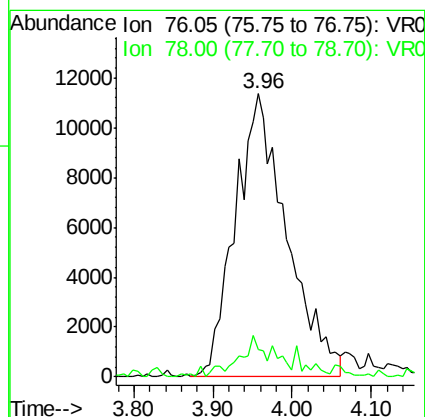
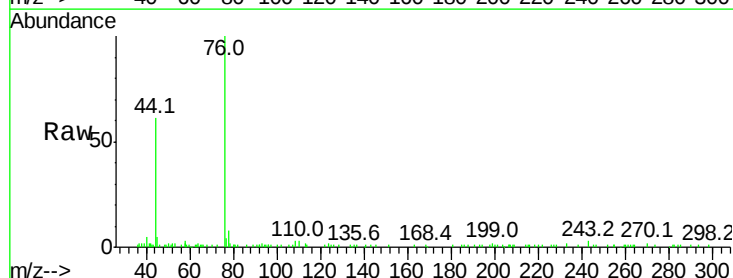
Acq: 15 Jun 2018 13:25

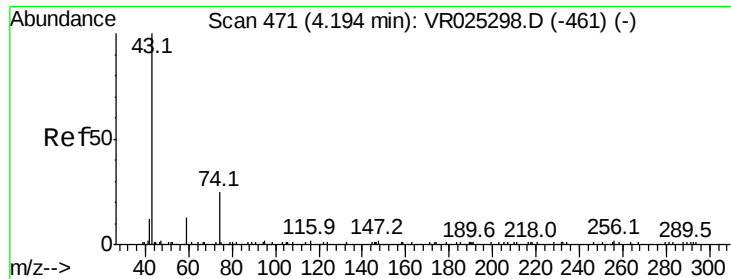
Tgt Ion: 76 Resp: 51510

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

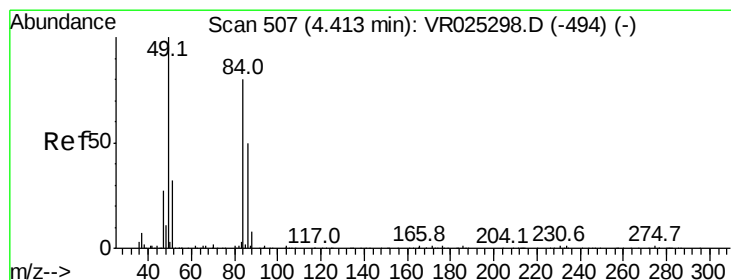
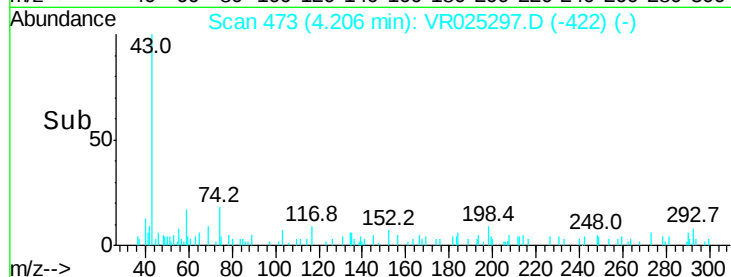
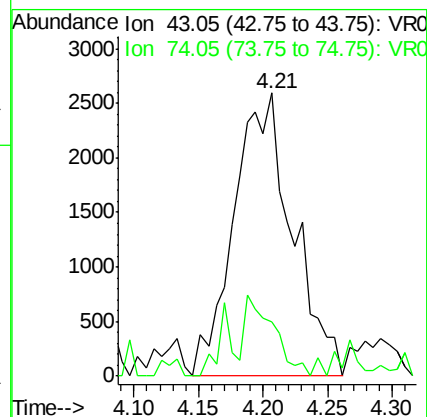
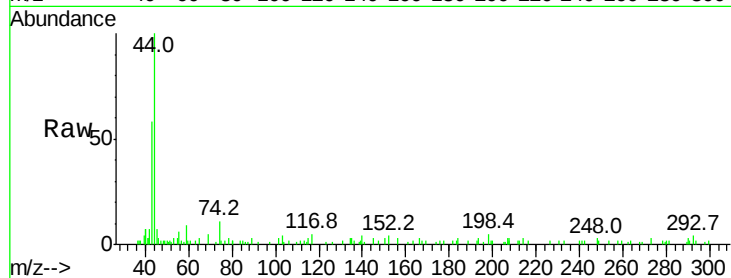




#15
Methyl Acetate
Concen: 0.898 ug/L
RT: 4.21 min Scan# 473
Delta R.T. 0.01 min
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Acq: 15 Jun 2018 13:25

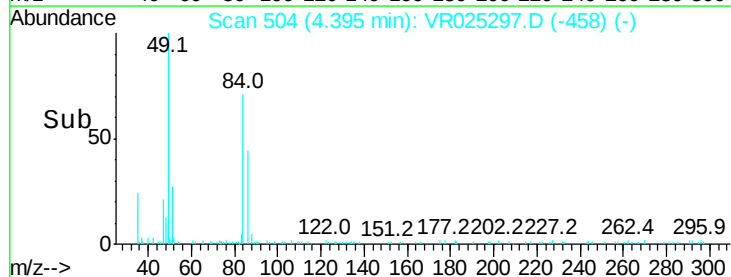
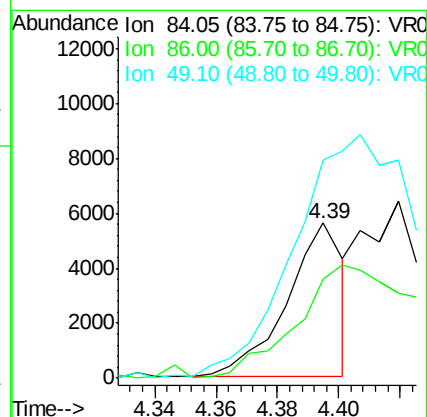
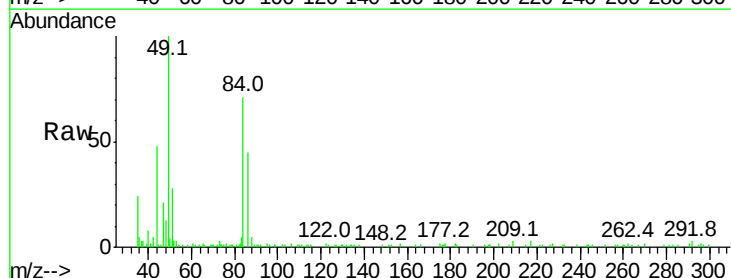
Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

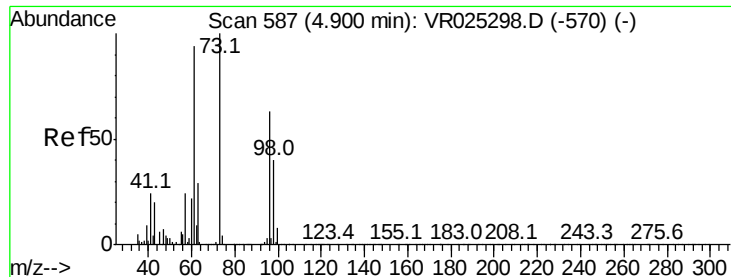
Tgt Ion: 43 Resp: 8184
Ion Ratio Lower Upper
43 100
74 14.0 16.7 25.1#



#16
Methylene chloride
Concen: 0.235 ug/L
RT: 4.39 min Scan# 504
Delta R.T. -0.02 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion: 84 Resp: 7181
Ion Ratio Lower Upper
84 100
86 63.8 43.7 81.1
49 140.4 87.2 162.0





#17

Methyl tert-butyl Ether

Concen: 1.138 ug/L

RT: 4.90 min Scan# 587

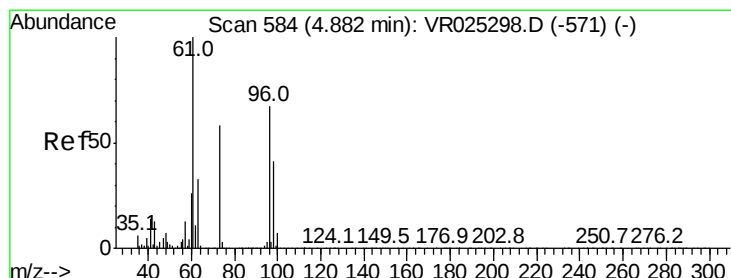
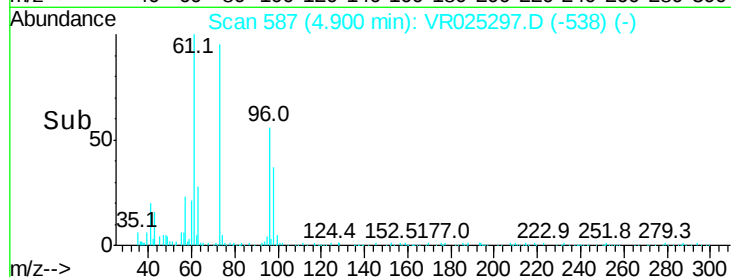
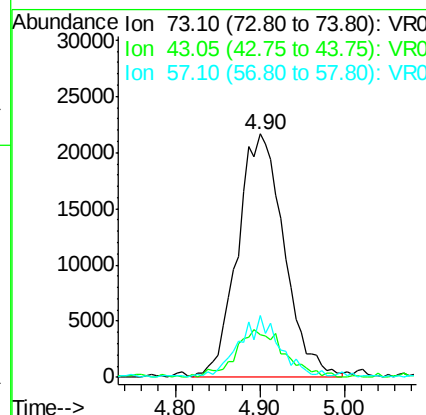
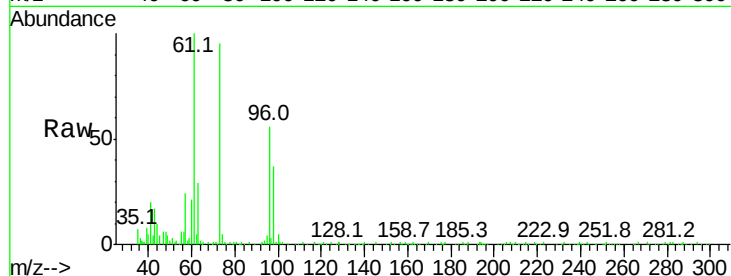
Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.8	23.6
57	22.2	19.0	28.4



#18

trans-1,2-Dichloroethene

Concen: 0.984 ug/L

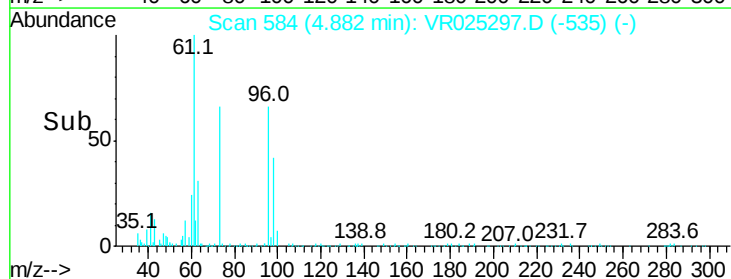
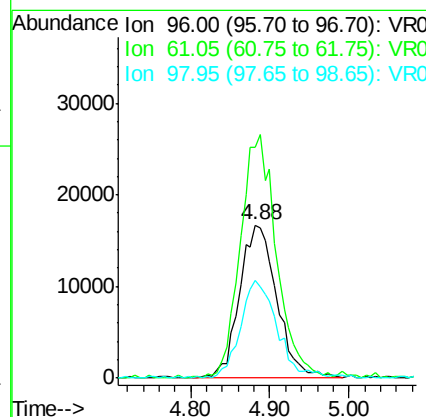
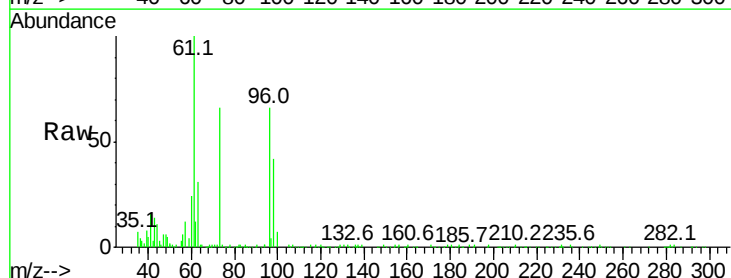
RT: 4.88 min Scan# 584

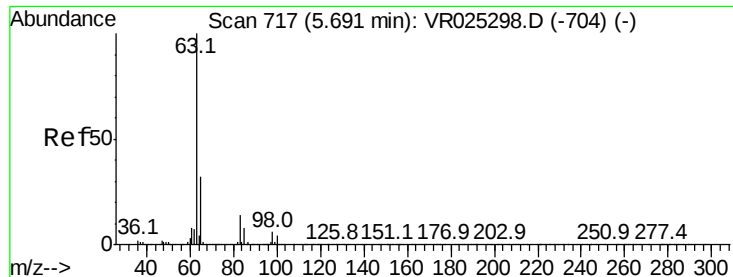
Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	104.4	193.8
98	63.6	43.1	80.1

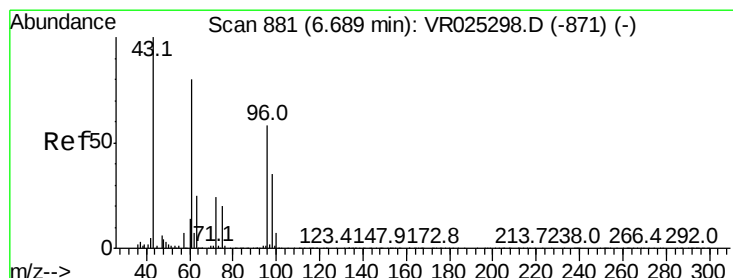
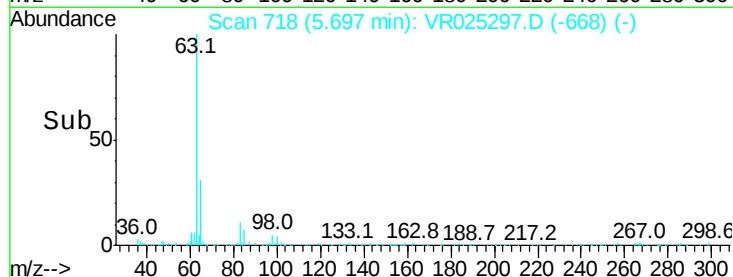
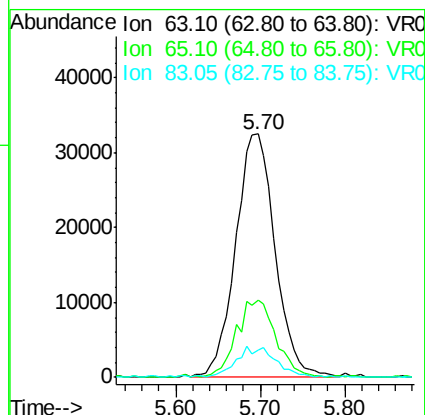
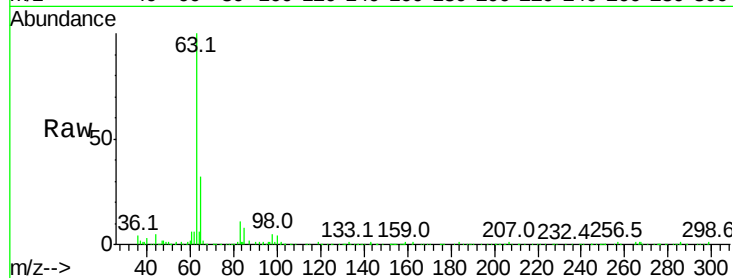




#19
 1,1-Dichloroethane
 Concen: 1.055 ug/L
 RT: 5.70 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

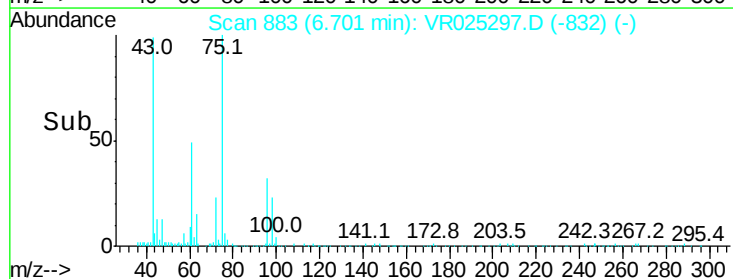
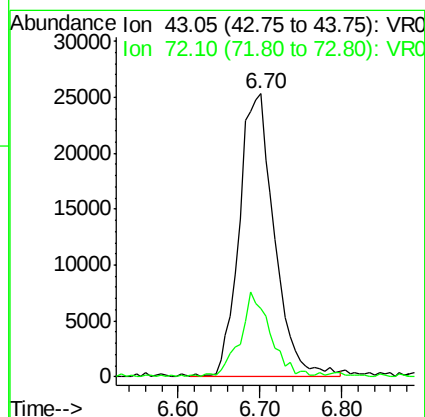
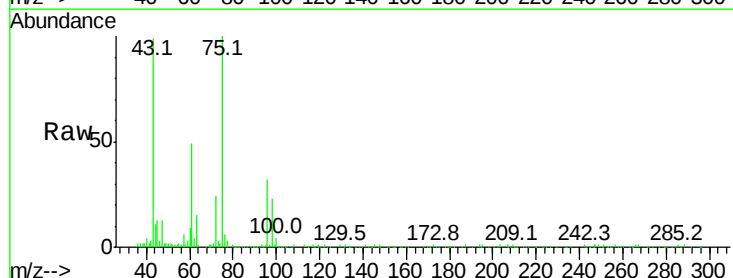
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

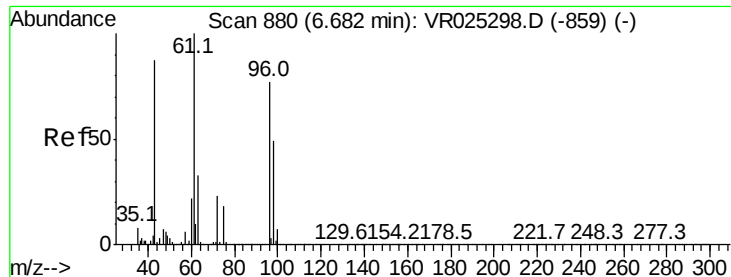
Tgt Ion: 63 Resp: 101983
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.7
 83 11.2 9.5 17.7



#21
 2-Butanone
 Concen: 10.282 ug/L
 RT: 6.70 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Tgt Ion: 43 Resp: 75541
 Ion Ratio Lower Upper
 43 100
 72 26.0 13.0 38.9



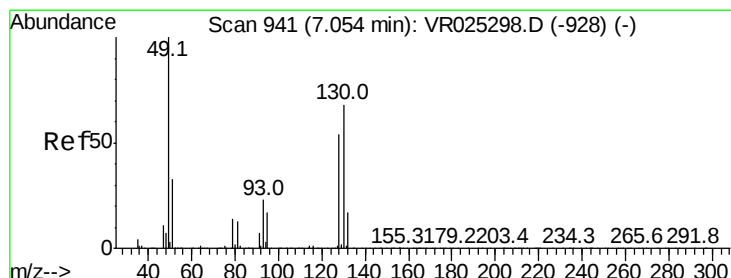
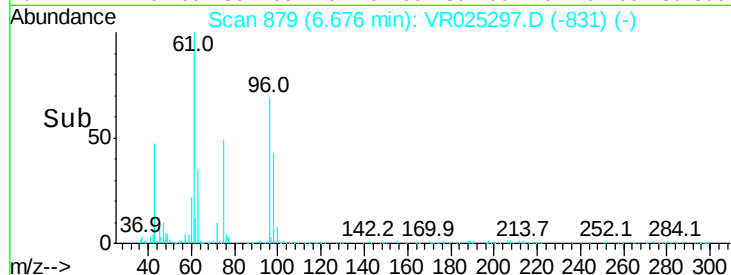
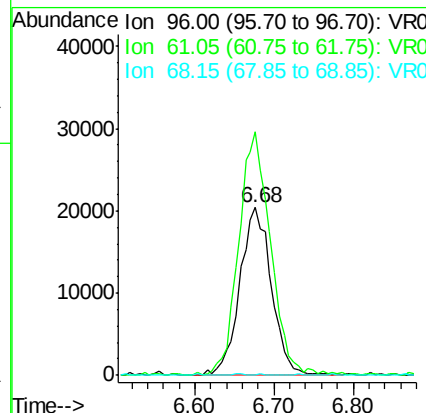
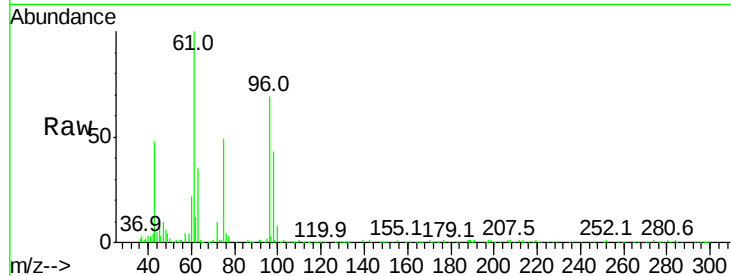


#22

cis-1,2-Dichloroethene
Concen: 1.072 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

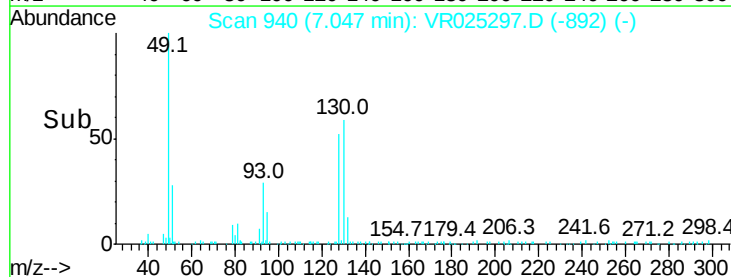
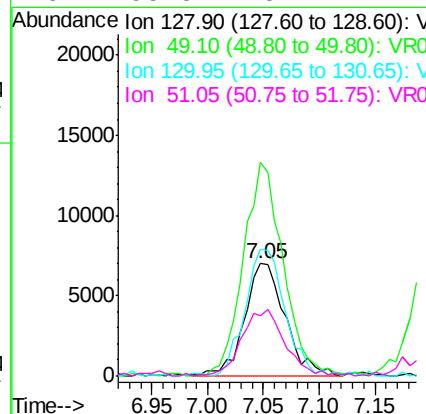
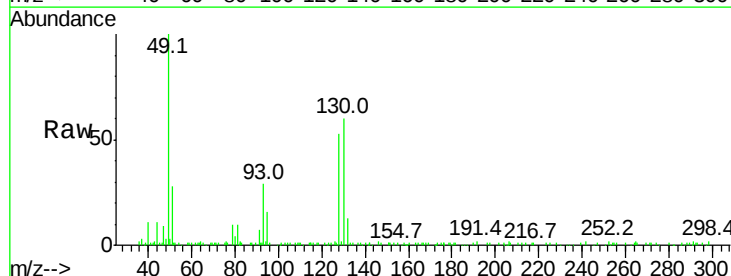
Tgt Ion: 96 Resp: 56796
Ion Ratio Lower Upper
96 100
61 145.0 91.0 169.0
68 0.5 0.0 0.0#

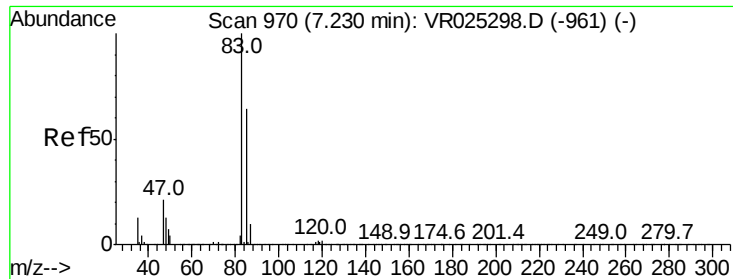


#23

Bromochloromethane
Concen: 1.137 ug/L
RT: 7.05 min Scan# 940
Delta R.T. -0.01 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion: 128 Resp: 17817
Ion Ratio Lower Upper
128 100
49 189.8 128.7 238.9
130 113.0 87.2 161.9
51 53.3 48.2 72.2





#25

Chloroform

Concen: 1.068 ug/L

RT: 7.23 min Scan# 970

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

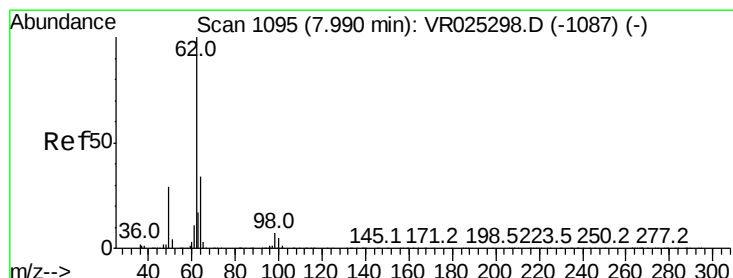
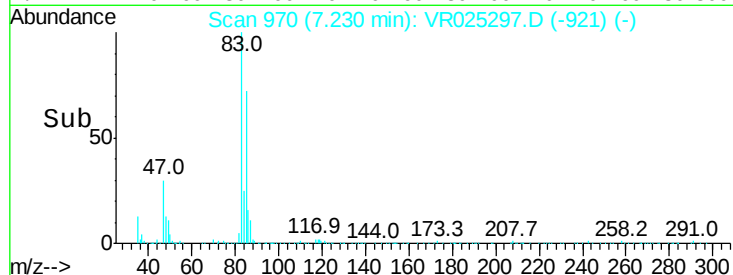
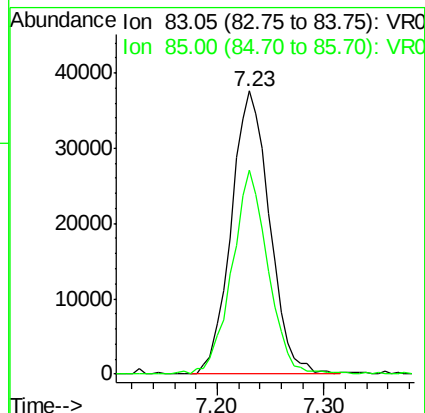
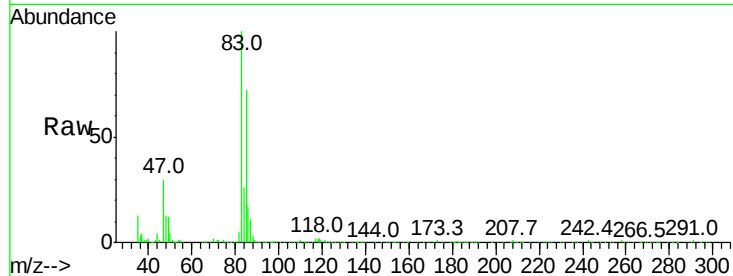
Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

Tgt Ion: 83 Resp: 94620

Ion Ratio Lower Upper

83 100

85 72.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 1.045 ug/L

RT: 8.00 min Scan# 1096

Delta R.T. 0.01 min

Lab File: VR025297.D

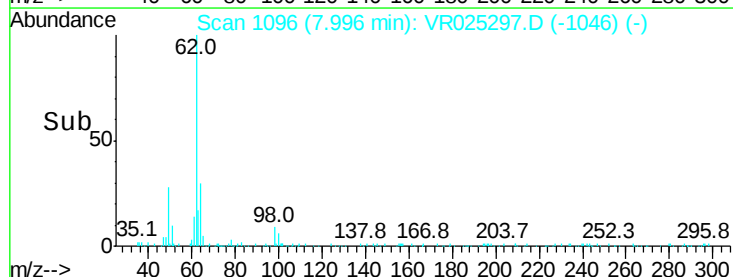
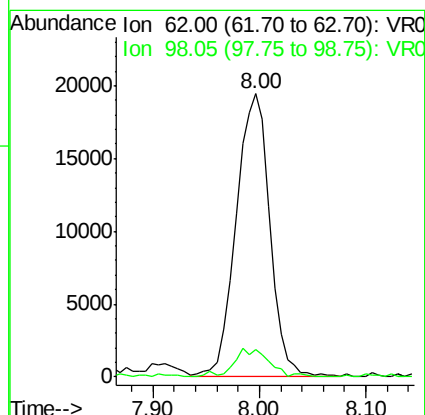
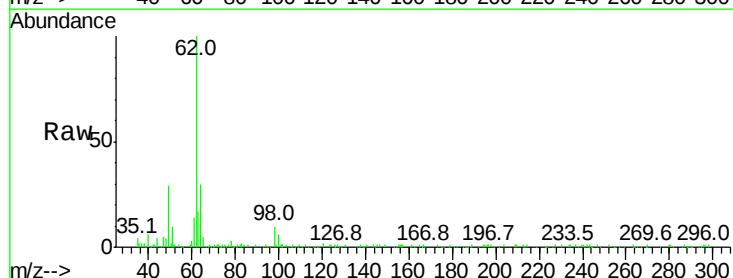
Acq: 15 Jun 2018 13:25

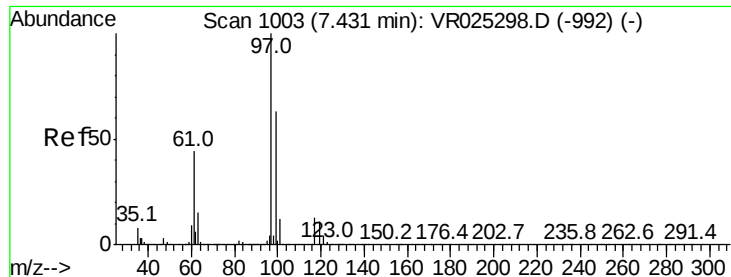
Tgt Ion: 62 Resp: 43184

Ion Ratio Lower Upper

62 100

98 9.8 5.4 8.2#

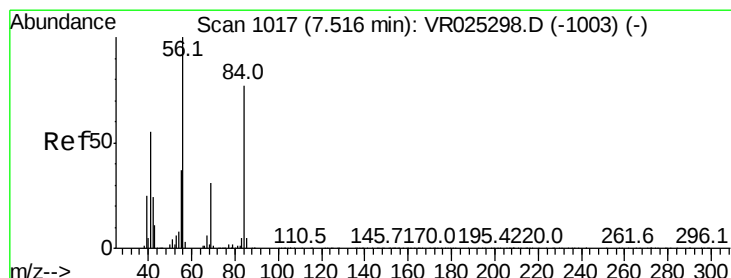
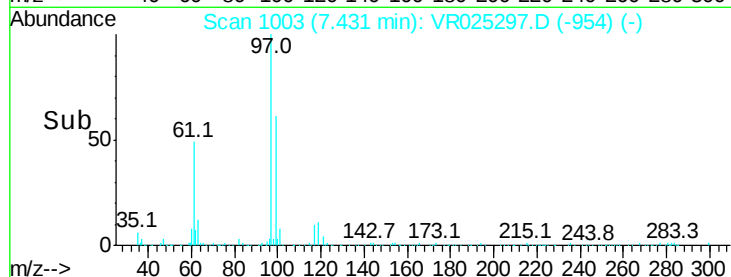
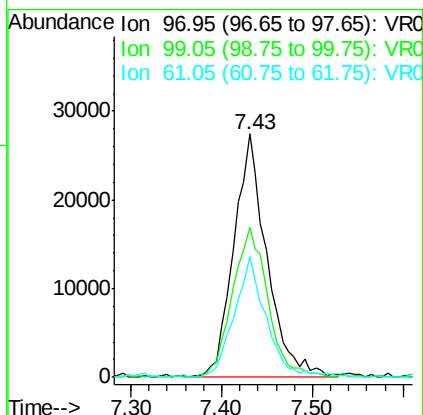
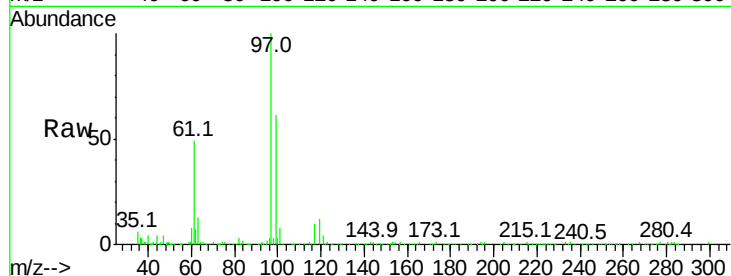




#29
1,1,1-Trichloroethane
Concen: 1.138 ug/L
RT: 7.43 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

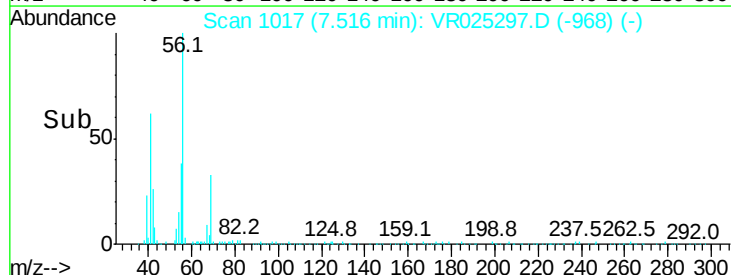
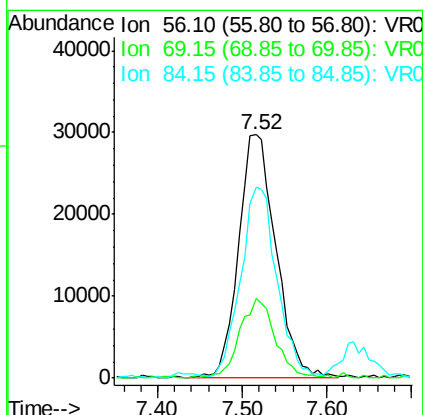
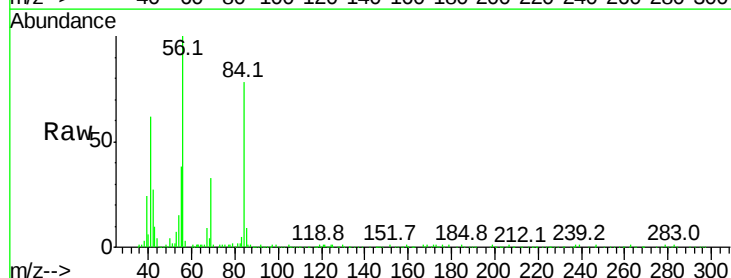
Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

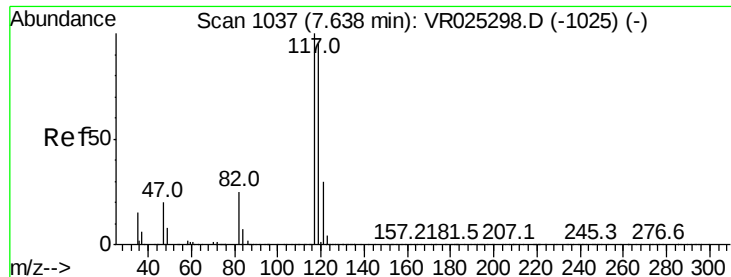
Tgt Ion: 97 Resp: 69418
Ion Ratio Lower Upper
97 100
99 65.6 52.1 78.1
61 48.0 37.0 55.6



#30
Cyclohexane
Concen: 1.062 ug/L
RT: 7.52 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion: 56 Resp: 89087
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 76.4 62.6 93.8





#31

Carbon tetrachloride

Concen: 1.073 ug/L

RT: 7.64 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

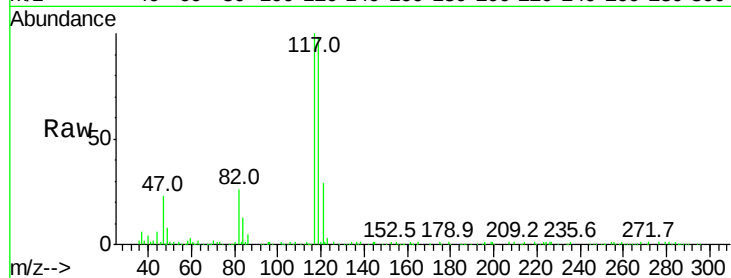
VSTD00184

Tgt Ion:117 Resp: 58301

Ion Ratio Lower Upper

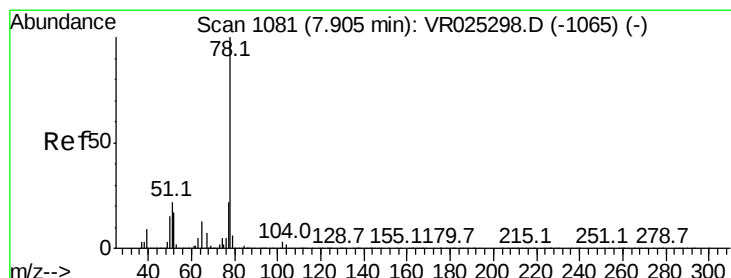
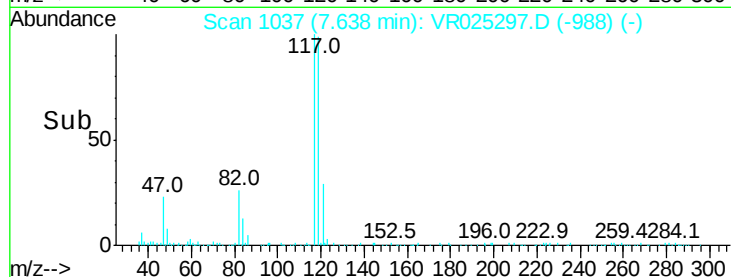
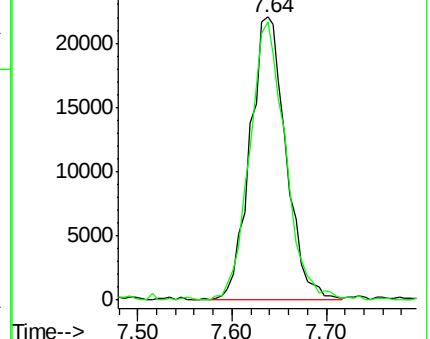
117 100

119 99.3 75.5 113.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 1.119 ug/L

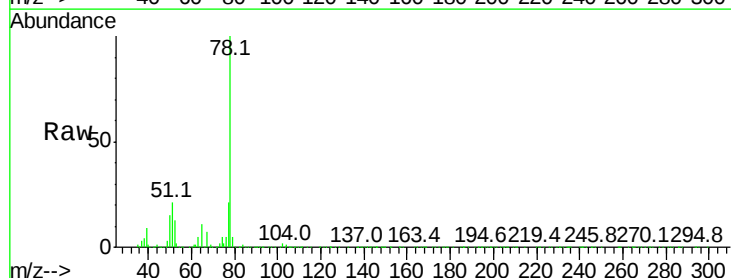
RT: 7.91 min Scan# 1081

Delta R.T. 0.00 min

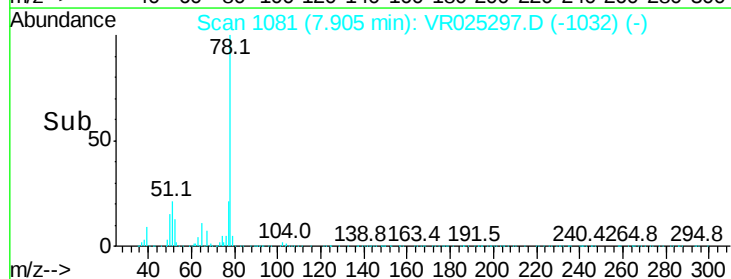
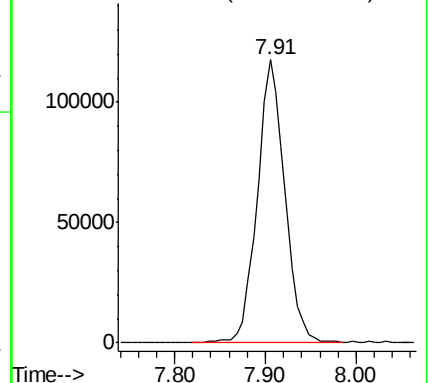
Lab File: VR025297.D

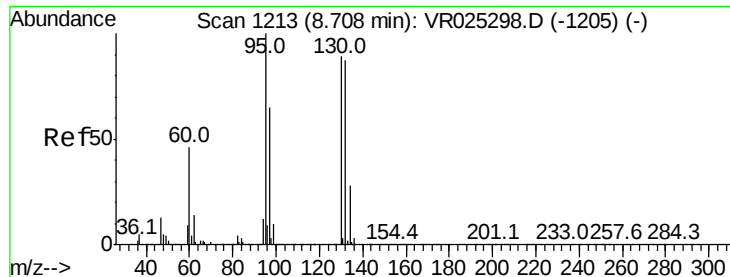
Acq: 15 Jun 2018 13:25

Tgt Ion: 78 Resp: 246037



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 1.120 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

VSTD00184

Tgt Ion: 95 Resp: 57359

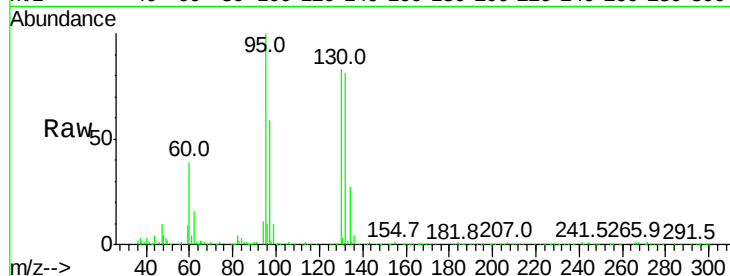
Ion Ratio Lower Upper

95 100

97 58.5 45.6 84.6

132 80.6 60.9 113.1

130 82.7 62.0 115.2

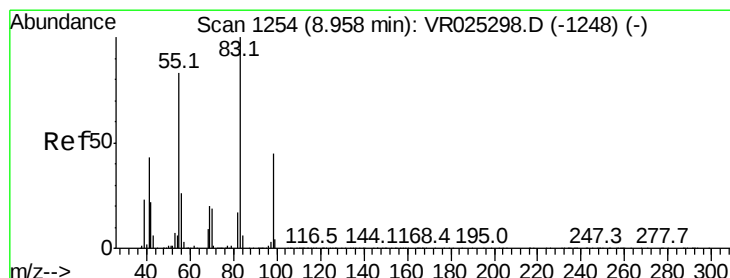
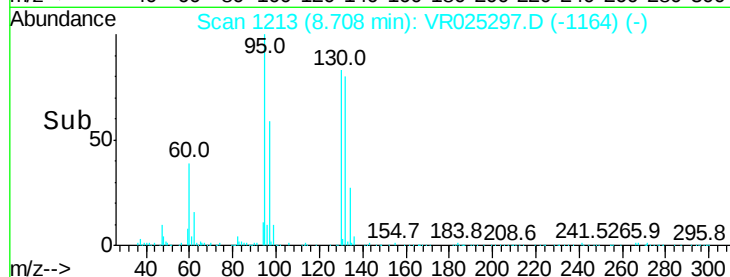
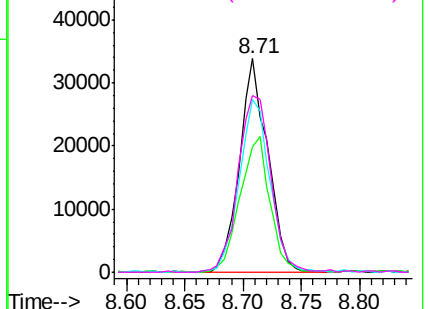


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 1.036 ug/L

RT: 8.96 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

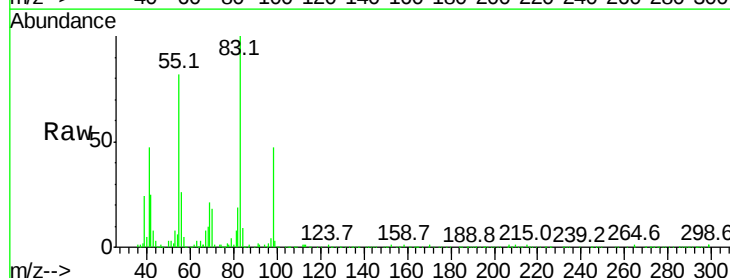
Tgt Ion: 83 Resp: 87358

Ion Ratio Lower Upper

83 100

55 85.7 66.1 99.1

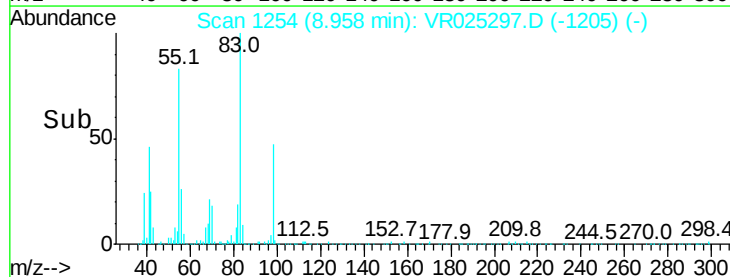
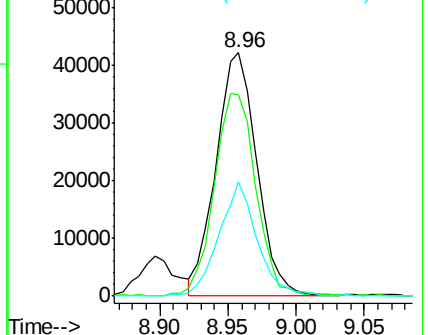
98 44.1 36.2 54.4

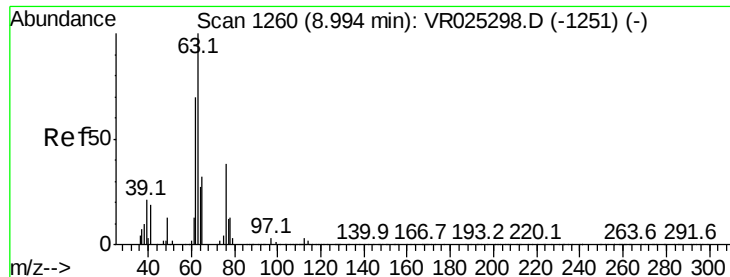


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 1.025 ug/L

RT: 9.00 min Scan# 1261

Delta R.T. 0.01 min

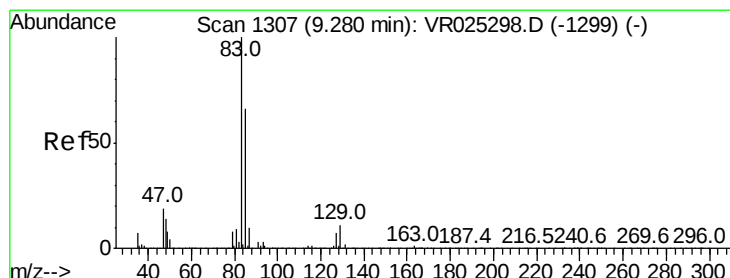
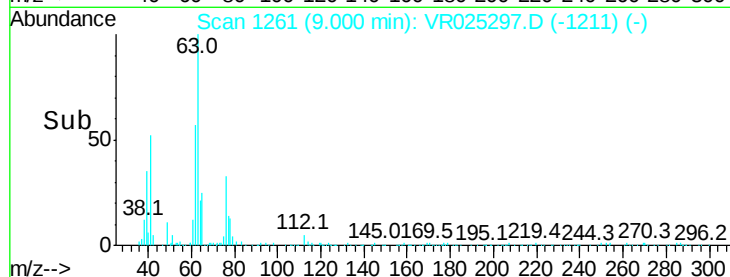
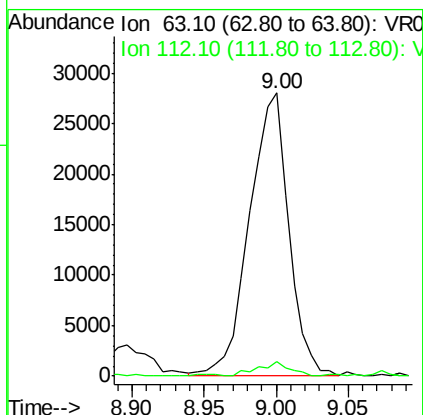
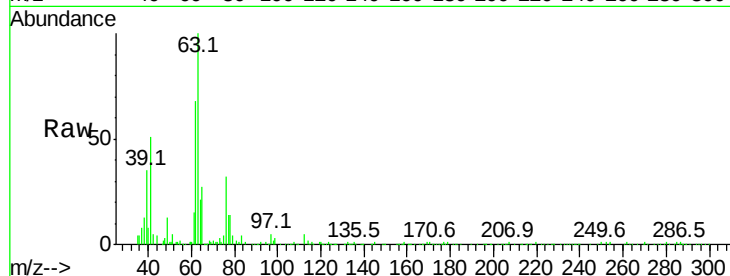
Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

Tgt Ion: 63 Resp: 52443

Ion	Ratio	Lower	Upper
63	100		
112	4.3	2.9	4.3



#38

Bromodichloromethane

Concen: 1.077 ug/L

RT: 9.28 min Scan# 1307

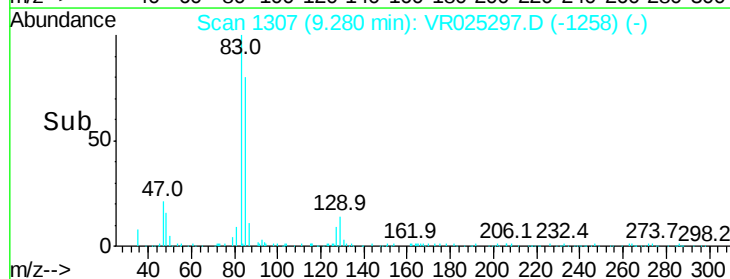
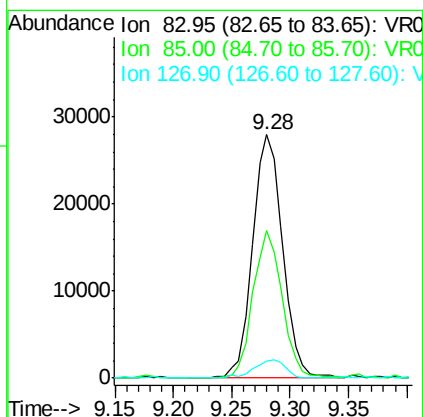
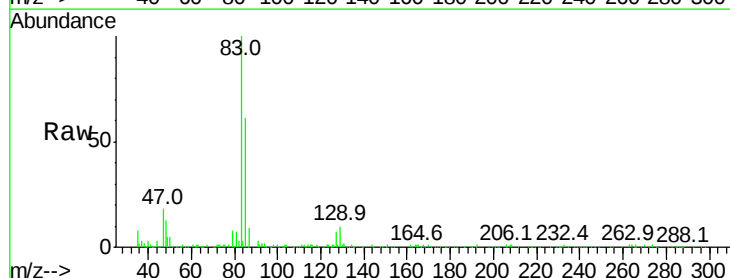
Delta R.T. 0.00 min

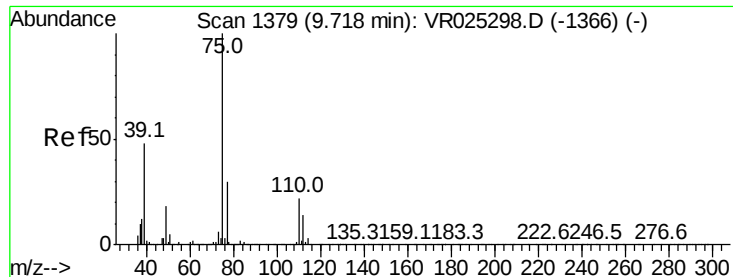
Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Tgt Ion: 83 Resp: 49950

Ion	Ratio	Lower	Upper
83	100		
85	60.8	46.1	85.7
127	7.2	5.7	8.5

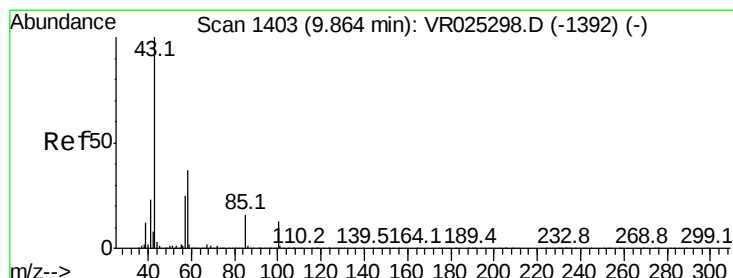
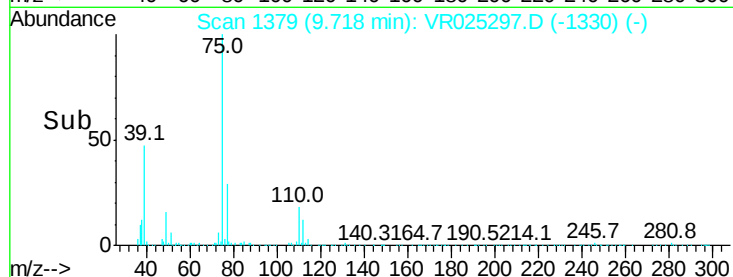
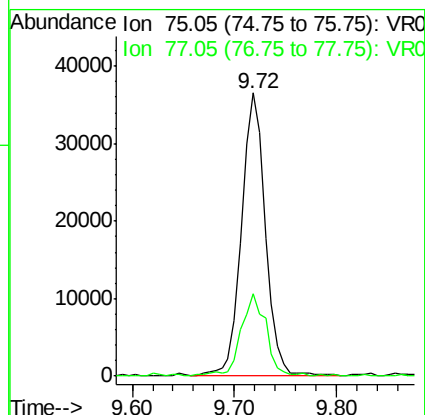
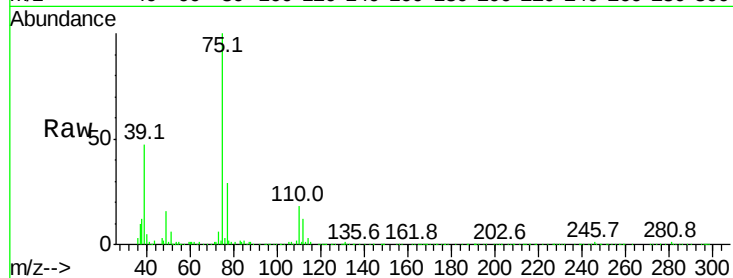




#39
 cis-1,3-Dichloropropene
 Concen: 1.084 ug/L
 RT: 9.72 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

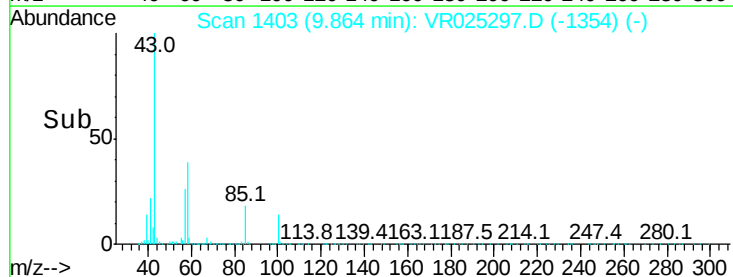
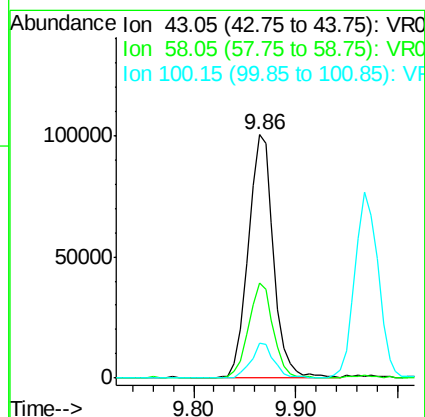
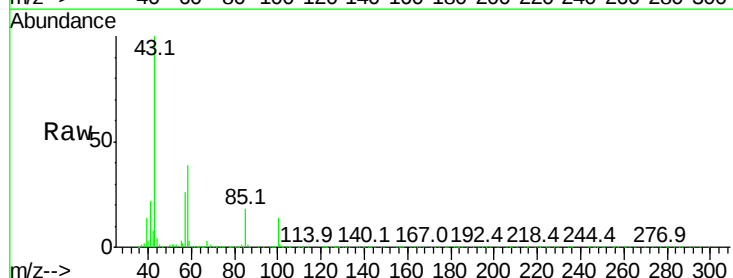
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

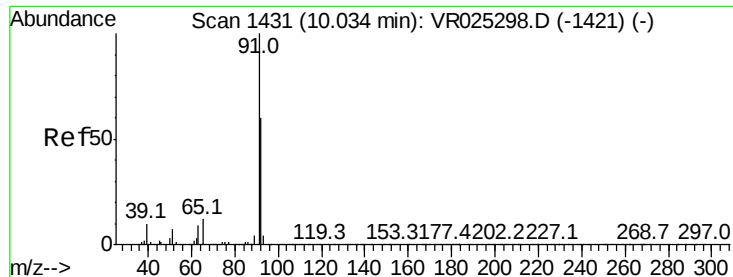
Tgt Ion: 75 Resp: 59247
 Ion Ratio Lower Upper
 75 100
 77 28.9 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 10.217 ug/L
 RT: 9.86 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Tgt Ion: 43 Resp: 170997
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.3 45.5
 100 13.4 10.3 15.5





#42

Toluene

Concen: 1.237 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

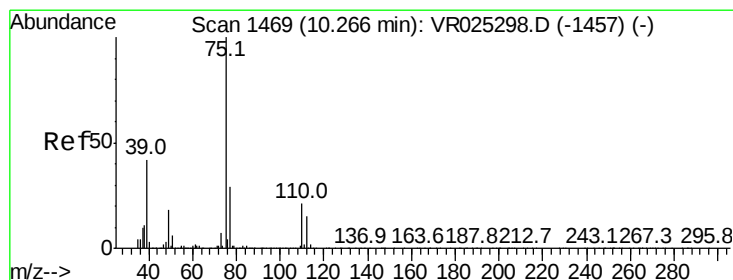
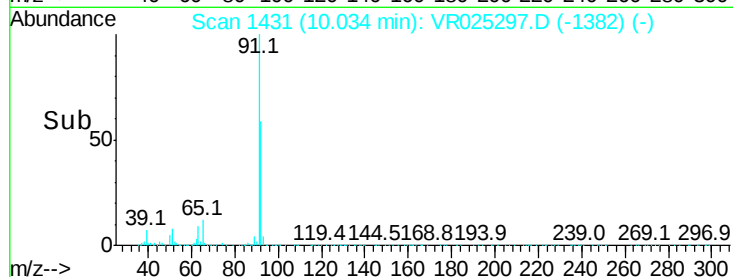
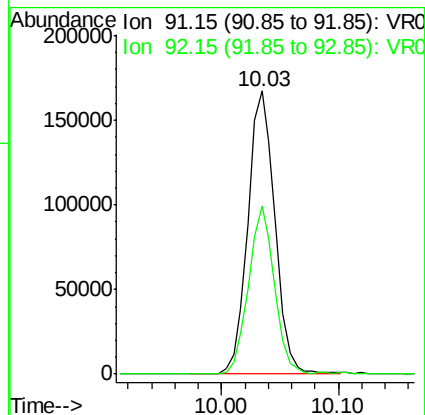
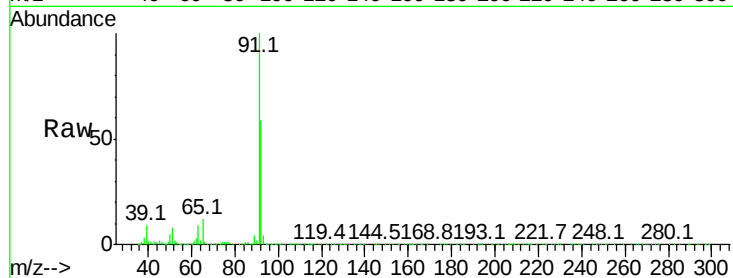
VSTD00184

Tgt Ion: 91 Resp: 270317

Ion Ratio Lower Upper

91 100

92 59.3 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 1.017 ug/L

RT: 10.26 min Scan# 1468

Delta R.T. -0.01 min

Lab File: VR025297.D

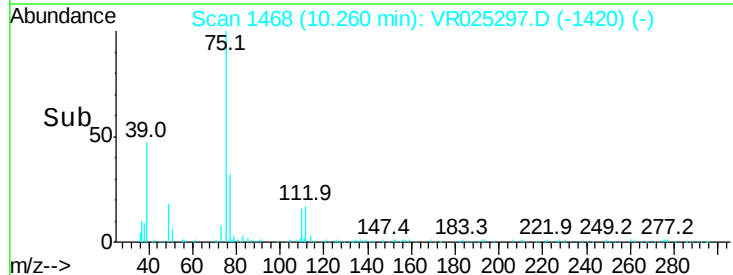
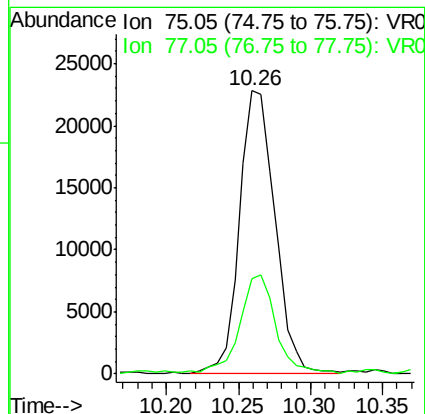
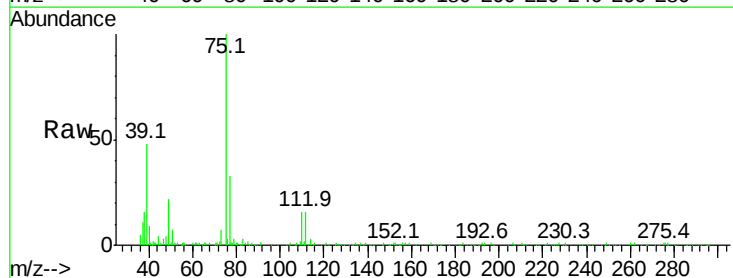
Acq: 15 Jun 2018 13:25

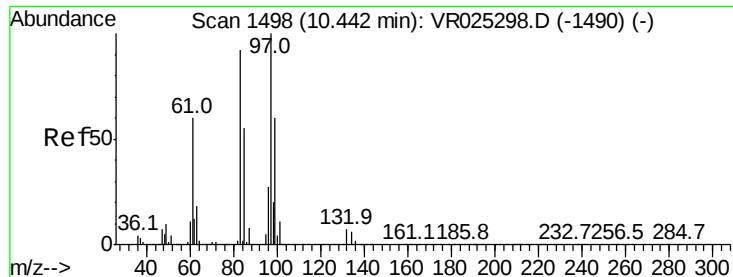
Tgt Ion: 75 Resp: 39084

Ion Ratio Lower Upper

75 100

77 33.6 20.6 38.4

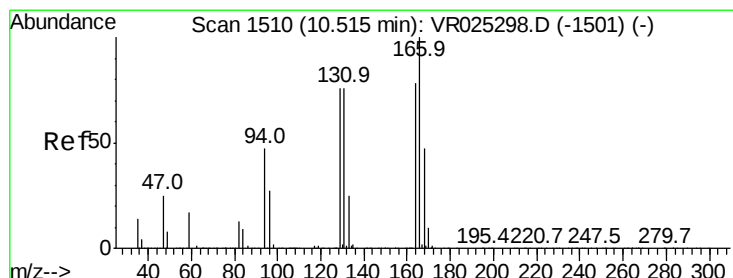
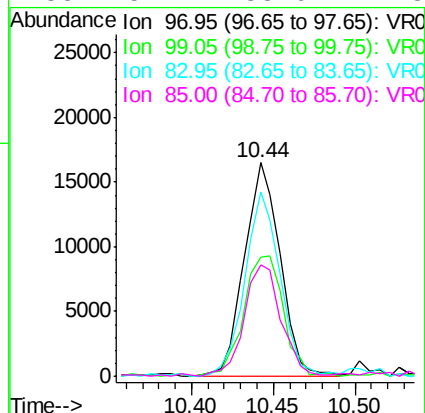
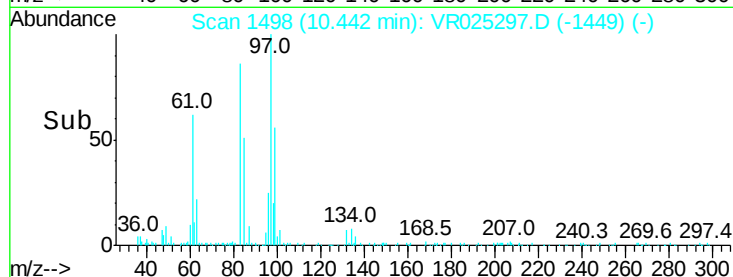
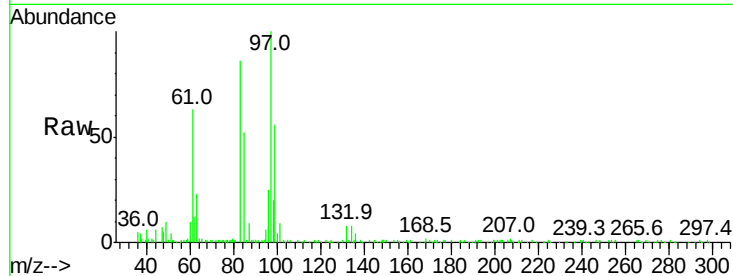




#45
 1,1,2-Trichloroethane
 Concen: 1.085 ug/L
 RT: 10.44 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

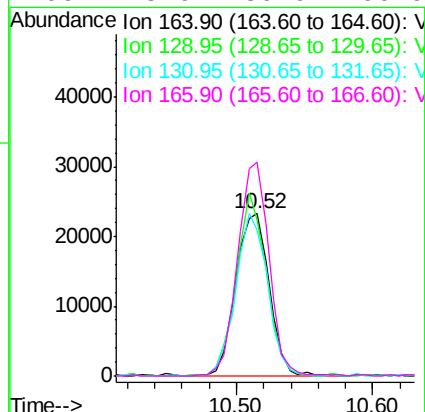
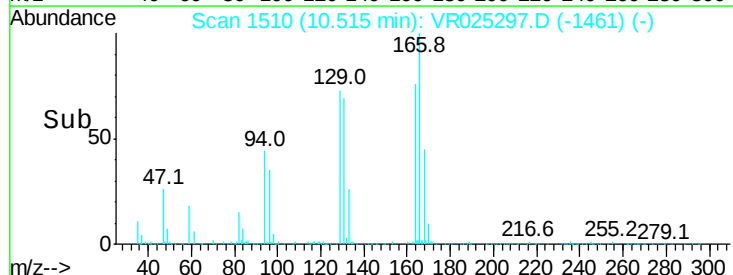
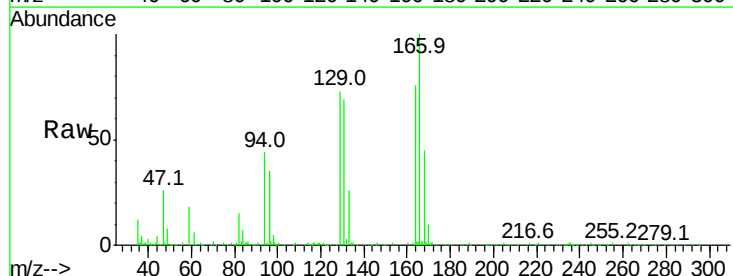
Instrument :
 MSVOA_R
 ClientSampled :
 VSTD00184

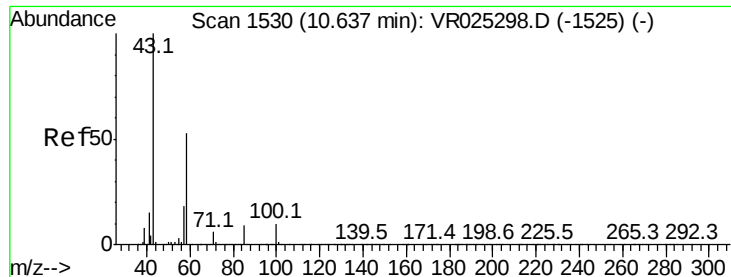
Tgt Ion:	97	Resp:	25319
Ion	Ratio	Lower	Upper
97	100		
99	55.8	41.9	77.9
83	86.4	64.5	119.9
85	52.1	38.6	71.8



#47
 Tetrachloroethene
 Concen: 1.151 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Tgt Ion:	164	Resp:	39872
Ion	Ratio	Lower	Upper
164	100		
129	93.9	68.1	126.5
131	88.2	68.5	127.1
166	128.6	89.9	166.9

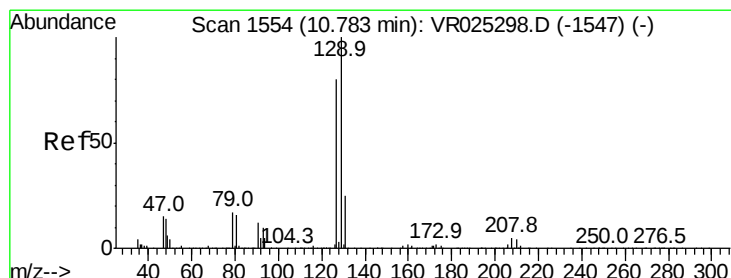
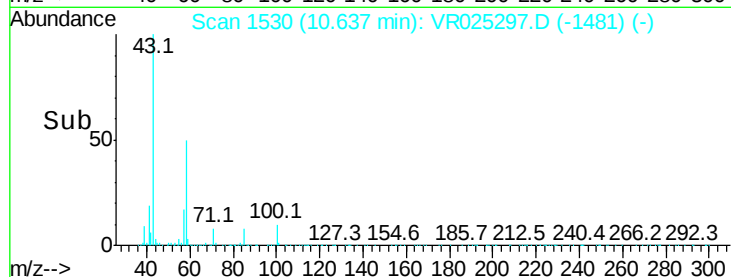
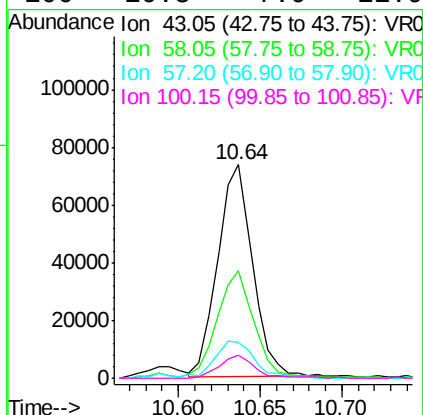
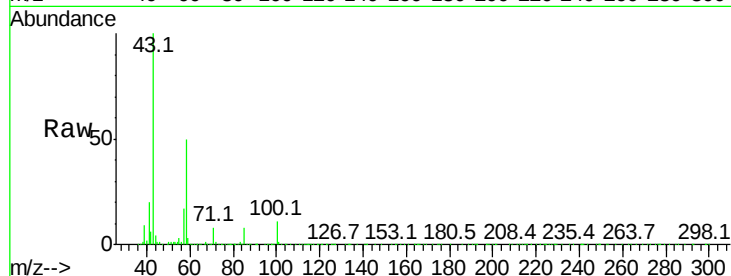




#48
2-Hexanone
Concen: 9.741 ug/L
RT: 10.64 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

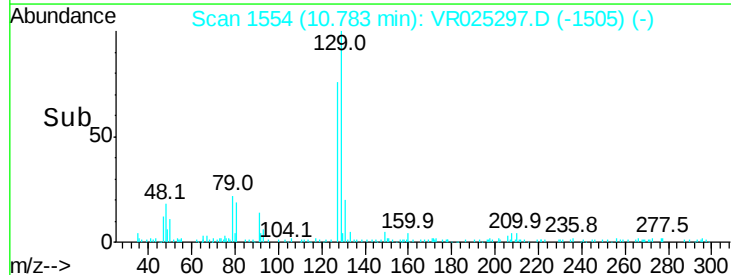
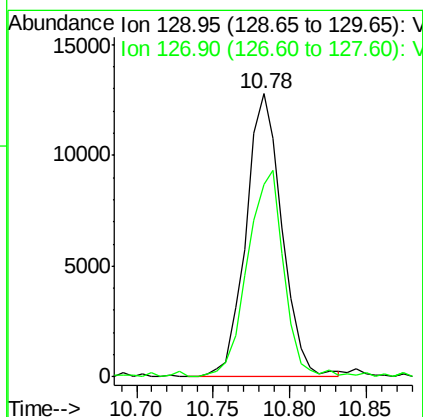
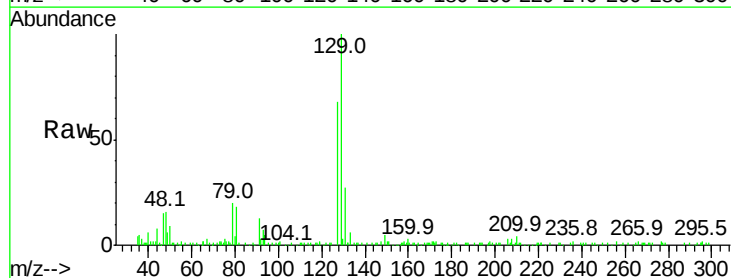
Instrument :
MSVOA_R
ClientSampled :
VSTD00184

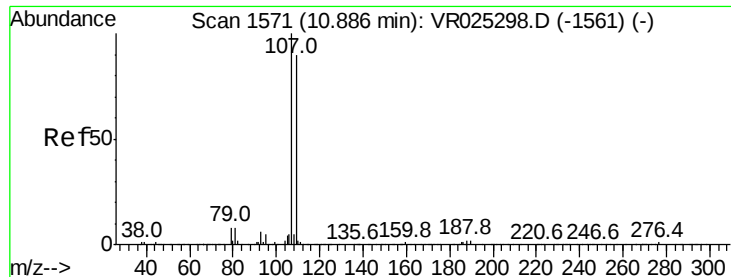
Tgt Ion:	43	Resp:	109801
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.1	64.7
57	19.8	15.3	22.9
100	10.8	7.9	11.9



#49
Dibromochloromethane
Concen: 0.961 ug/L
RT: 10.78 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion:	129	Resp:	20903
Ion	Ratio	Lower	Upper
129	100		
127	67.8	55.9	103.7

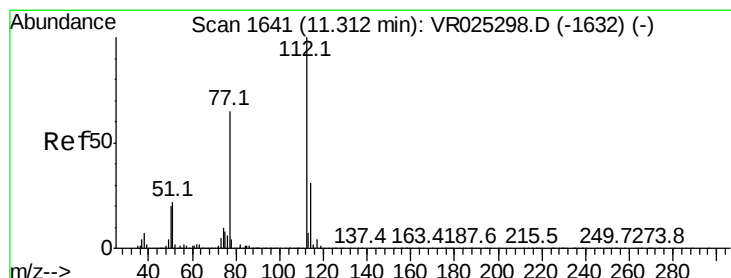
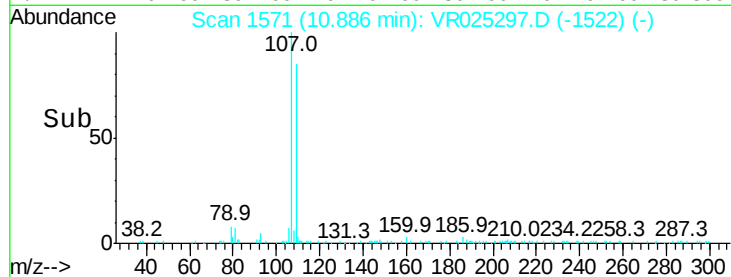
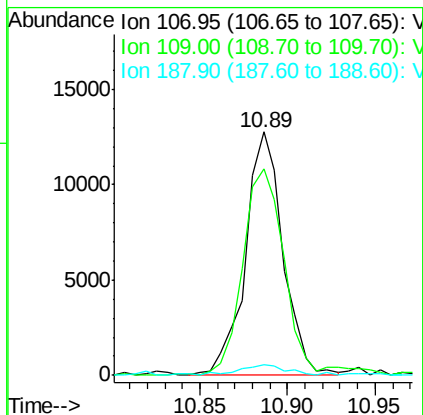
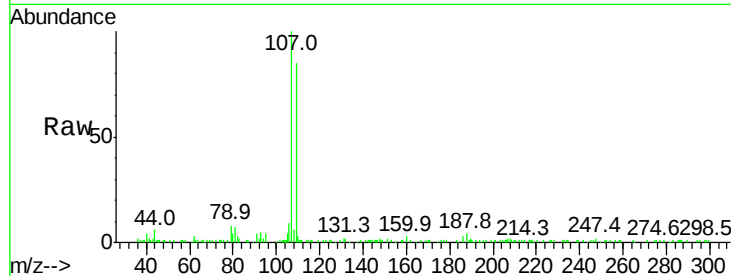




#50
 1,2-Dibromoethane
 Concen: 1.032 ug/L
 RT: 10.89 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

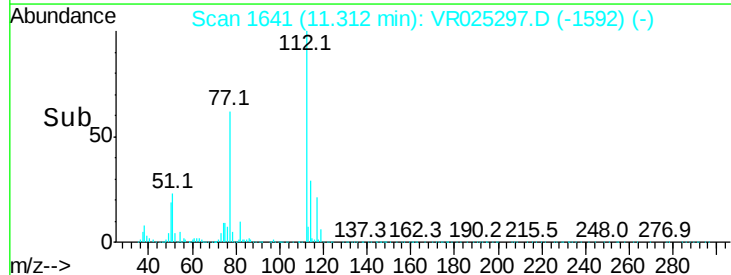
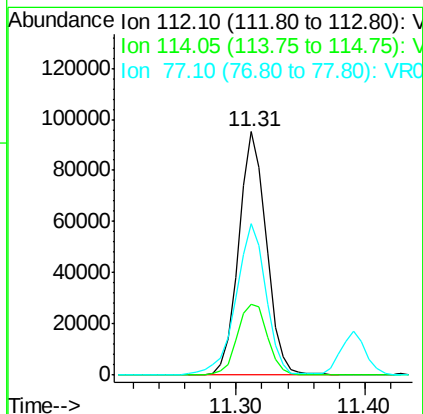
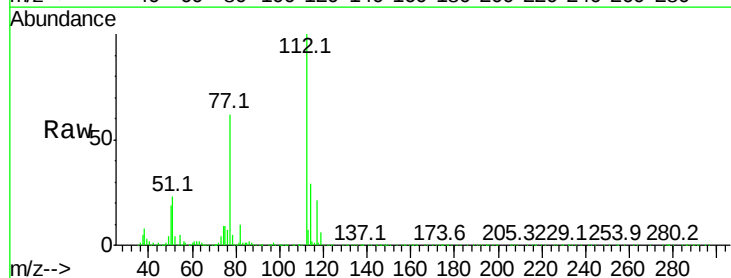
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

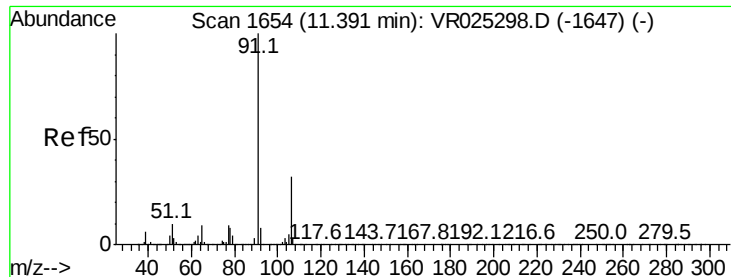
Tgt Ion:107 Resp: 19107
 Ion Ratio Lower Upper
 107 100
 109 84.9 63.1 117.3
 188 4.1 1.8 2.8#



#51
 Chlorobenzene
 Concen: 1.150 ug/L
 RT: 11.31 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Tgt Ion:112 Resp: 141392
 Ion Ratio Lower Upper
 112 100
 114 29.3 21.6 40.0
 77 62.0 51.9 77.9





#52

Ethylbenzene

Concen: 1.103 ug/L

RT: 11.39 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

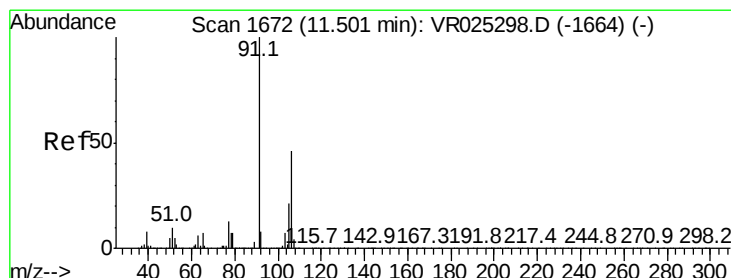
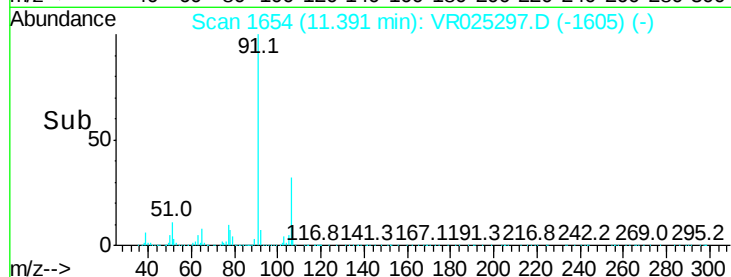
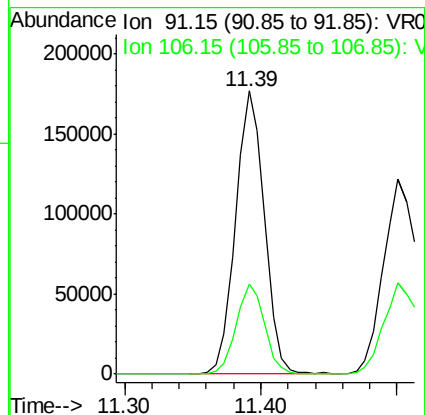
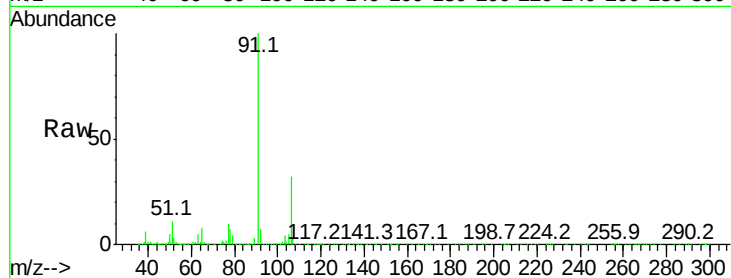
VSTD00184

Tgt Ion: 91 Resp: 259197

Ion Ratio Lower Upper

91 100

106 31.8 22.5 41.7



#53

m,p-Xylene

Concen: 1.119 ug/L

RT: 11.50 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VR025297.D

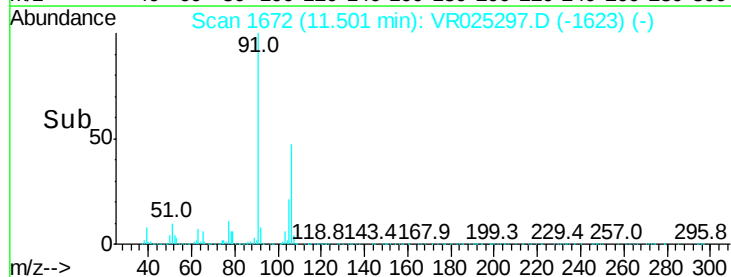
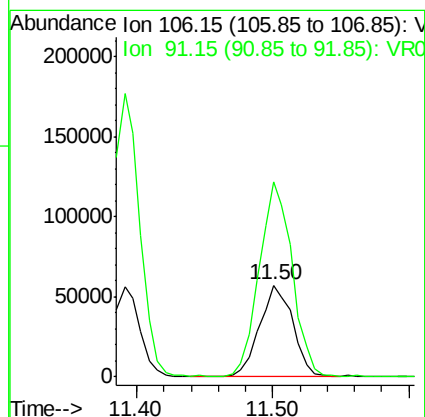
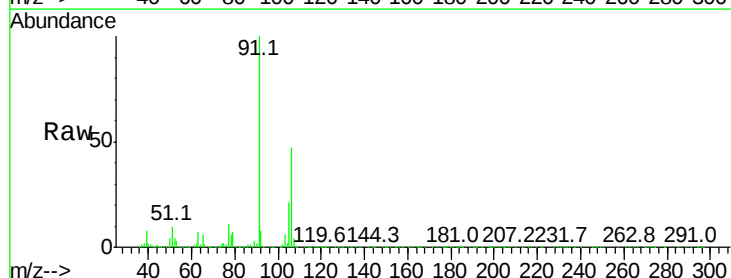
Acq: 15 Jun 2018 13:25

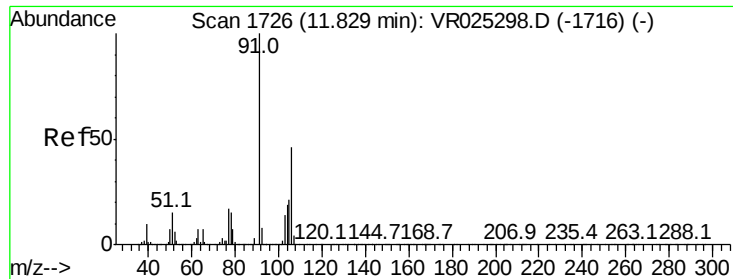
Tgt Ion: 106 Resp: 97463

Ion Ratio Lower Upper

106 100

91 212.7 152.6 283.4

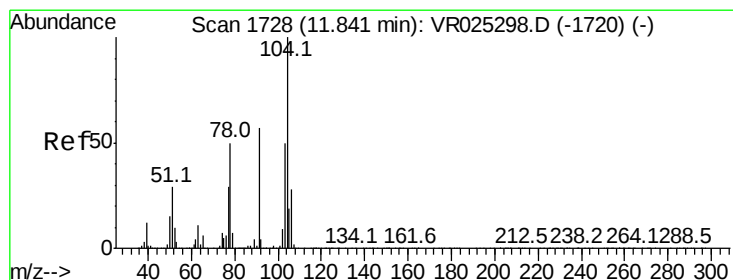
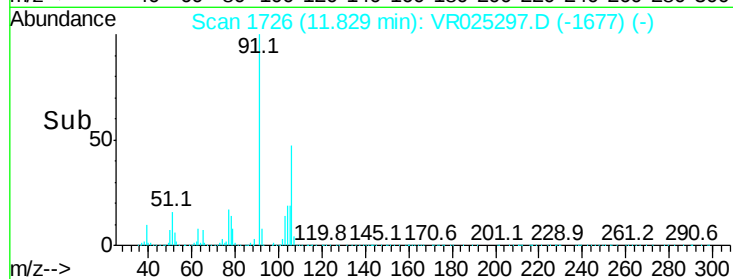
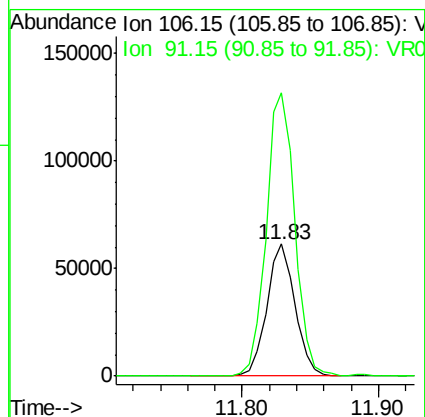
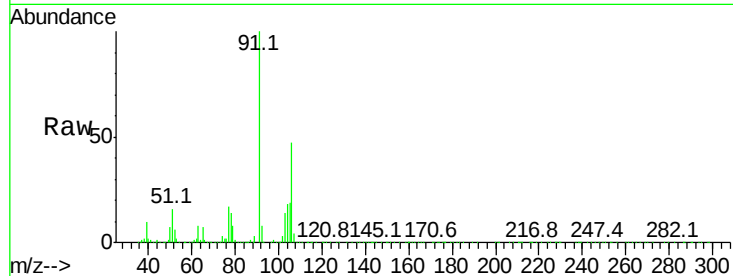




#54
o-Xylene
Concen: 1.126 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

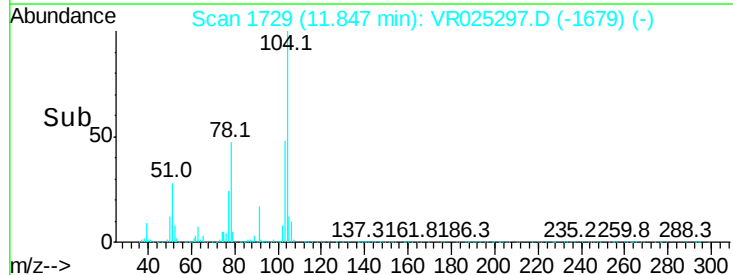
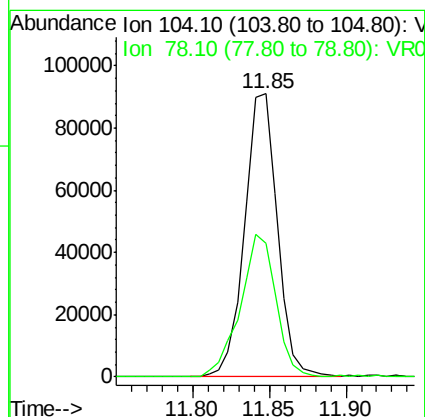
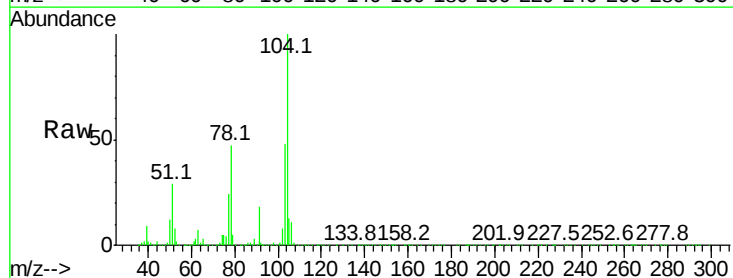
Instrument :
MSVOA_R
ClientSampled :
VSTD00184

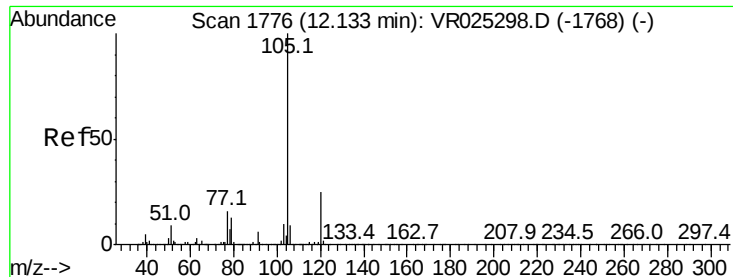
Tgt Ion:106 Resp: 88499
Ion Ratio Lower Upper
106 100
91 214.9 153.7 285.5



#55
Styrene
Concen: 1.056 ug/L
RT: 11.85 min Scan# 1729
Delta R.T. 0.01 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion:104 Resp: 135062
Ion Ratio Lower Upper
104 100
78 47.1 35.4 65.7





#56

Isopropylbenzene

Concen: 1.127 ug/L

RT: 12.13 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

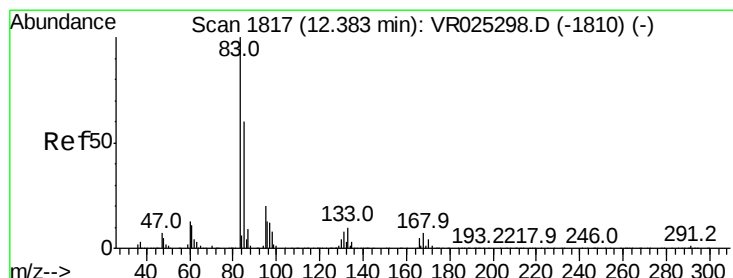
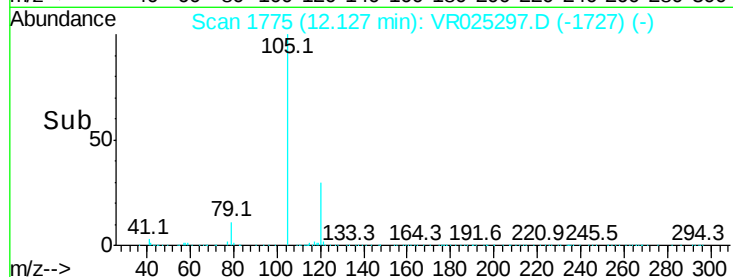
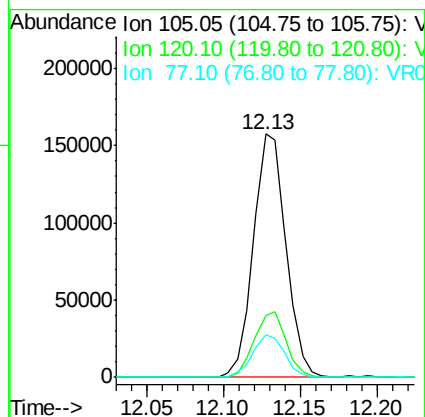
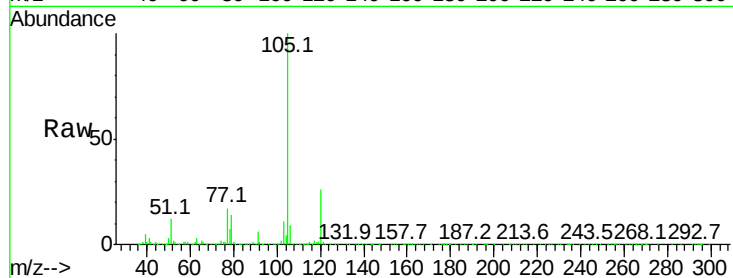
Instrument :

MSVOA_R

ClientSampleId :

VSTD00184

Tgt Ion:	105	Resp:	232878
Ion Ratio	Lower	Upper	
105	100		
120	26.5	20.2	30.4
77	17.2	13.0	19.6



#58

1,1,2,2-Tetrachloroethane

Concen: 1.053 ug/L

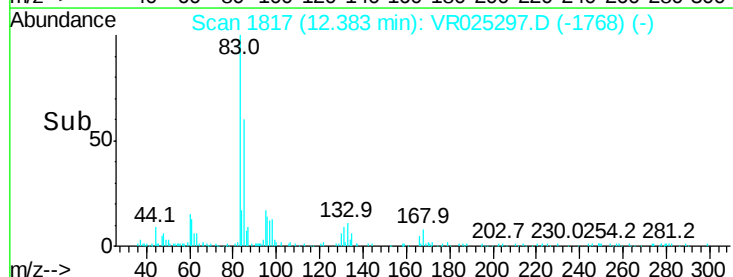
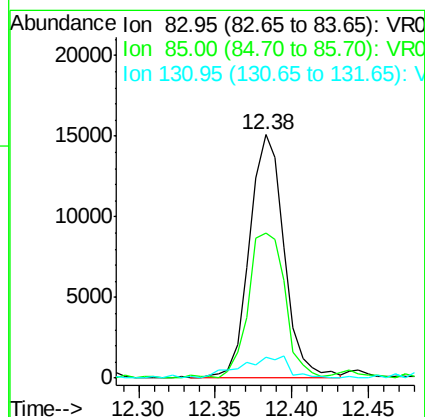
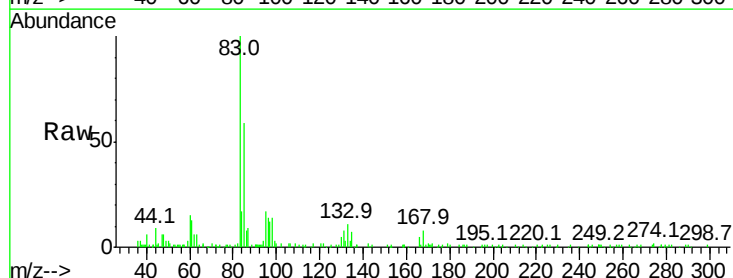
RT: 12.38 min Scan# 1817

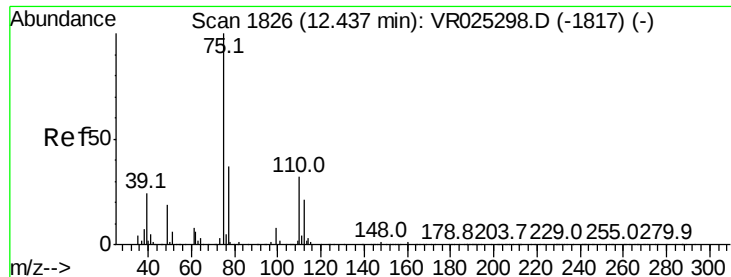
Delta R.T. -0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Tgt Ion:	83	Resp:	23768
Ion Ratio	Lower	Upper	
83	100		
85	59.4	41.8	77.6
131	8.5	6.1	9.1





#59

1,2,3-Trichloropropane

Concen: 1.166 ug/L

RT: 12.44 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampled :

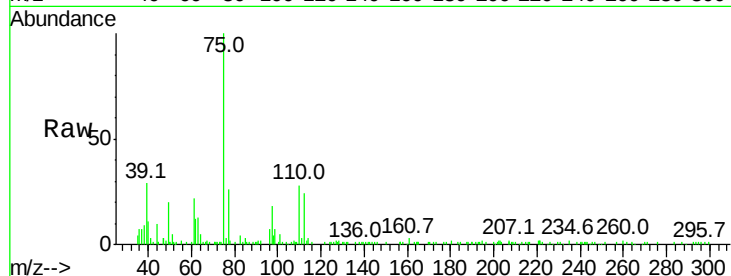
VSTD00184

Tgt Ion: 75 Resp: 17254

Ion Ratio Lower Upper

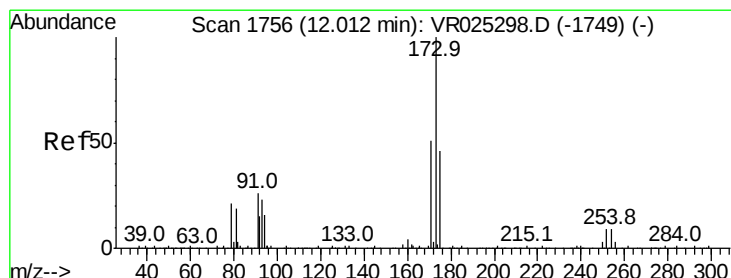
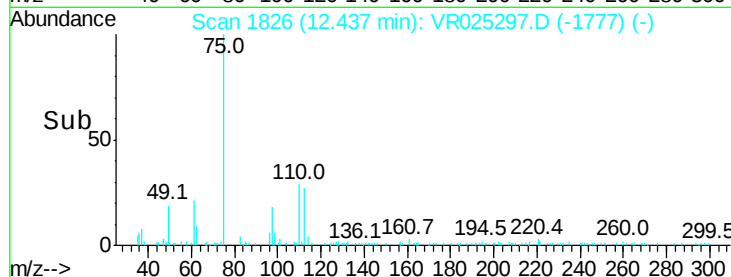
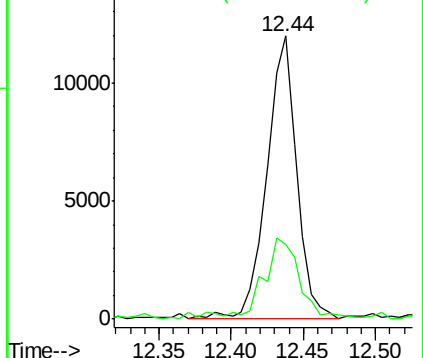
75 100

77 31.7 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VR0

Ion 77.00 (76.70 to 77.70): VR0



#61

Bromoform

Concen: 0.913 ug/L

RT: 12.01 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

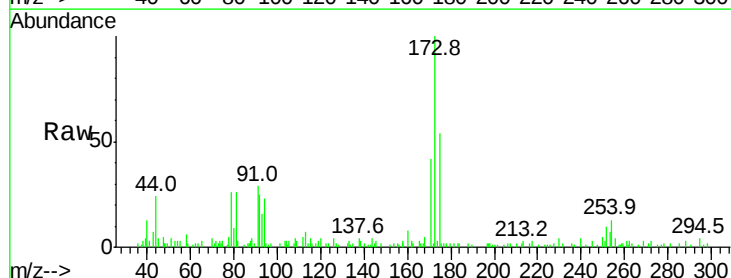
Tgt Ion: 173 Resp: 7291

Ion Ratio Lower Upper

173 100

175 50.7 37.5 56.3

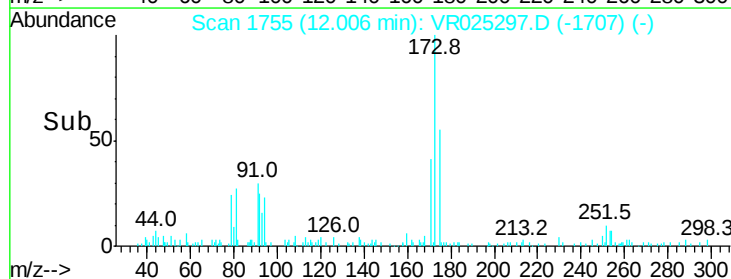
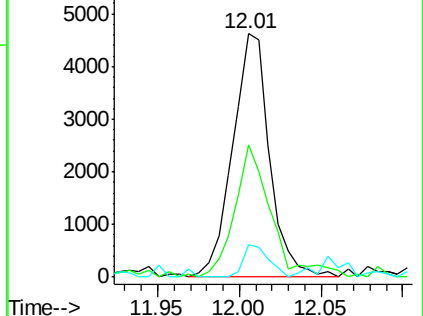
254 9.1 8.7 13.1

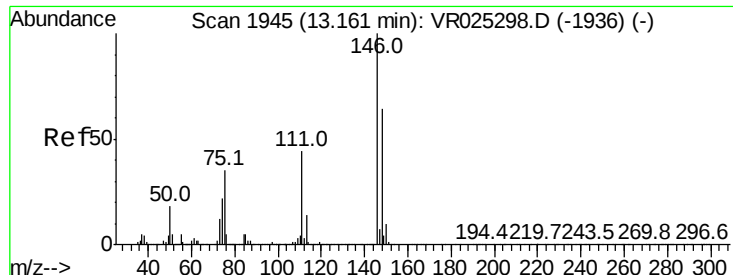


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 1.123 ug/L

RT: 13.16 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

VSTD00184

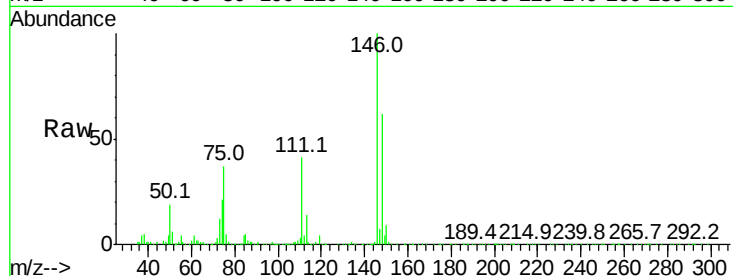
Tgt Ion:146 Resp: 80571

Ion Ratio Lower Upper

146 100

111 41.2 31.0 57.6

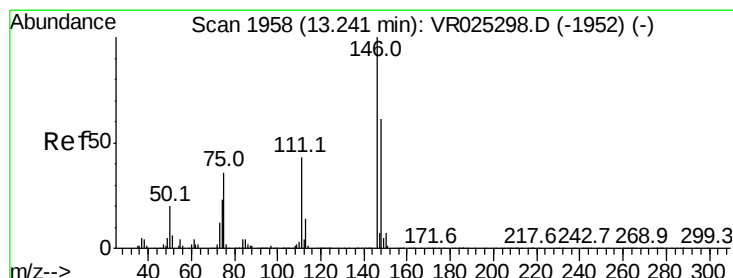
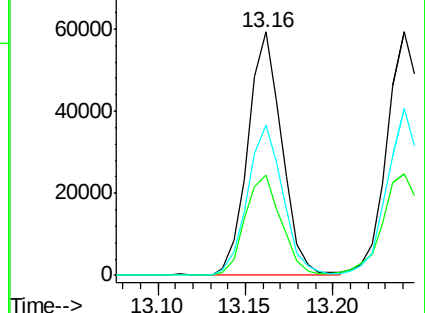
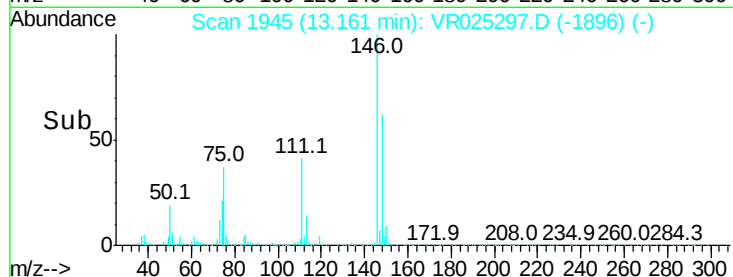
148 61.8 44.8 83.2



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: 1.103 ug/L

RT: 13.24 min Scan# 1958

Delta R.T. -0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

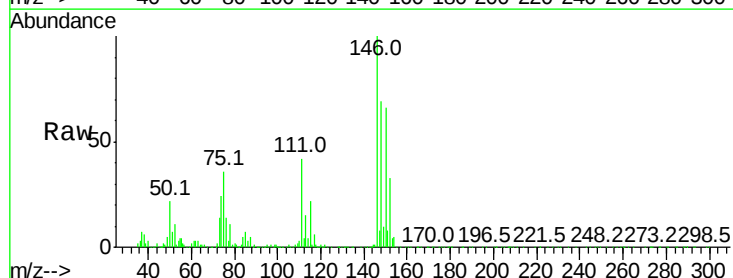
Tgt Ion:146 Resp: 84930

Ion Ratio Lower Upper

146 100

111 41.6 30.5 56.7

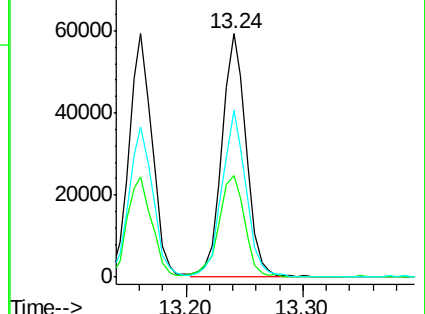
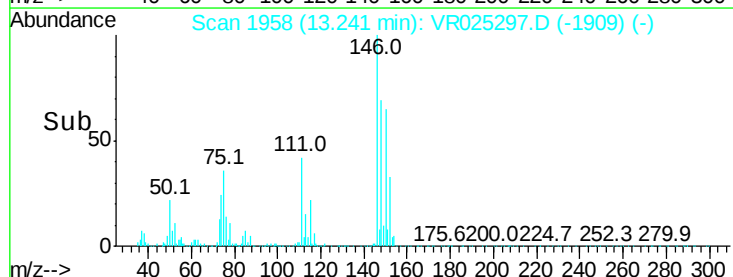
148 68.8 42.8 79.4

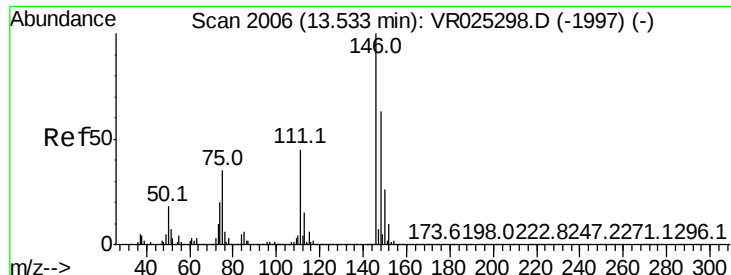


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

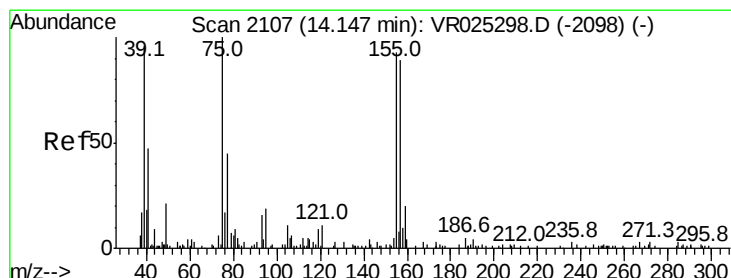
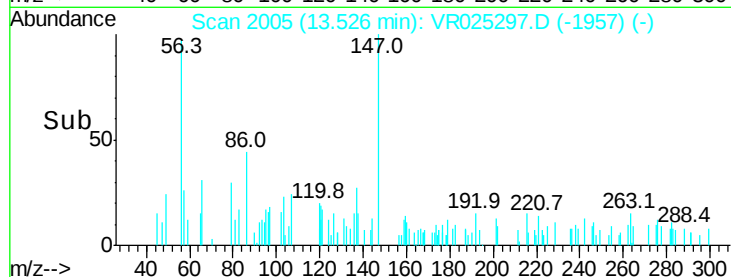
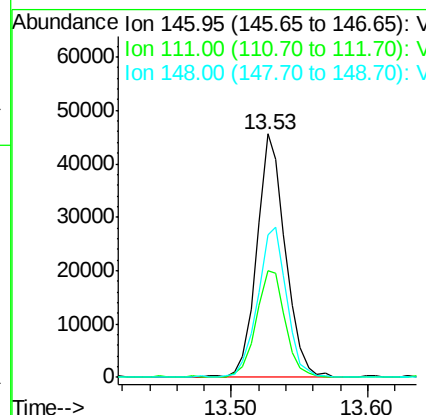
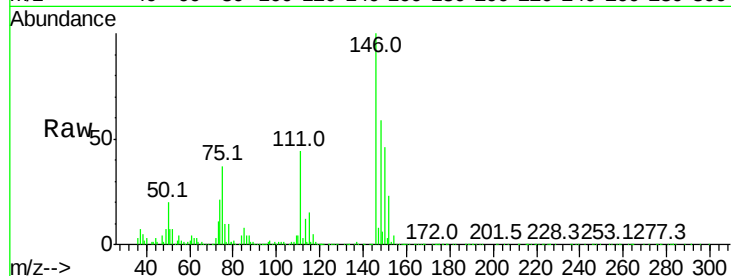




#65
1,2-Dichlorobenzene
Concen: 1.092 ug/L
RT: 13.53 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

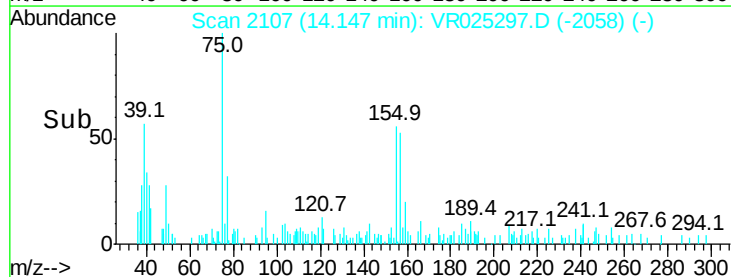
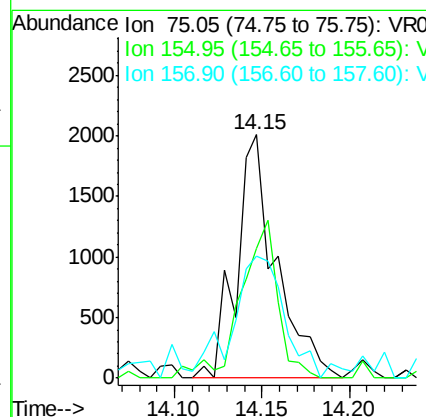
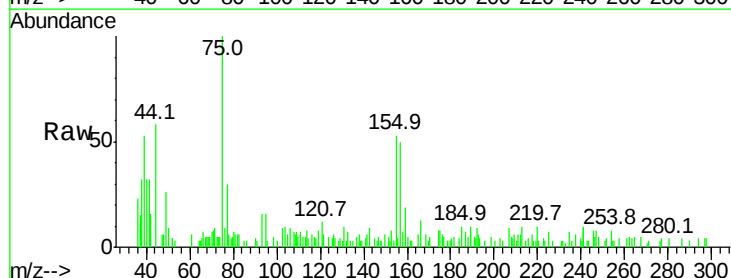
Instrument :
MSVOA_R
ClientSampleId :
VSTD00184

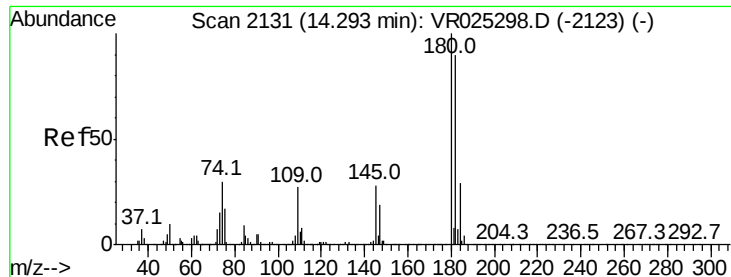
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	35.8	53.8
148	58.5	50.4	75.6



#66
1,2-Dibromo-3-chloropropane
Concen: 1.333 ug/L
RT: 14.15 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VR025297.D
Acq: 15 Jun 2018 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	53.3	74.1	111.1#
157	50.2	71.0	106.6#

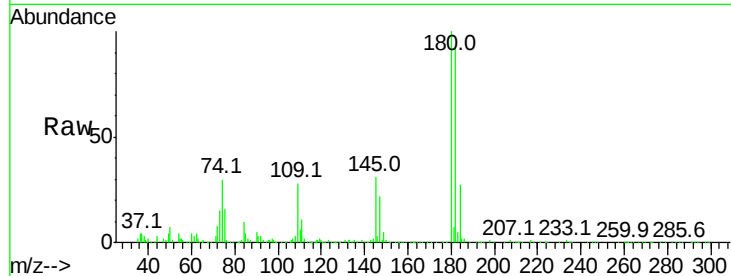




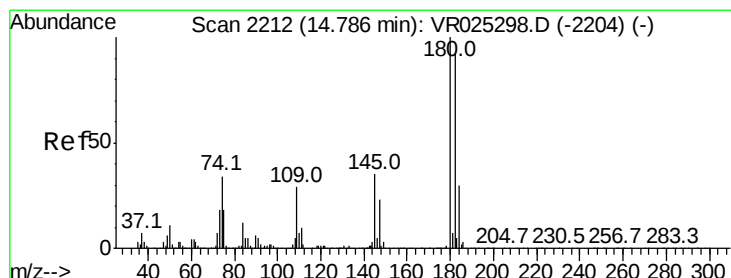
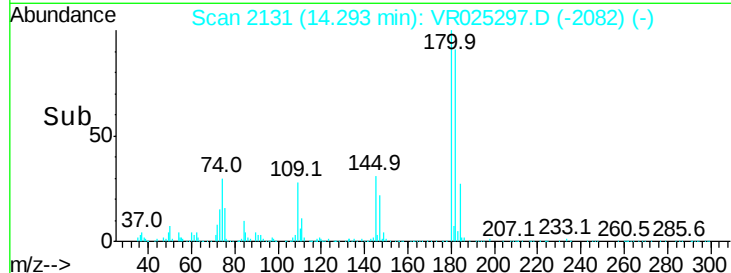
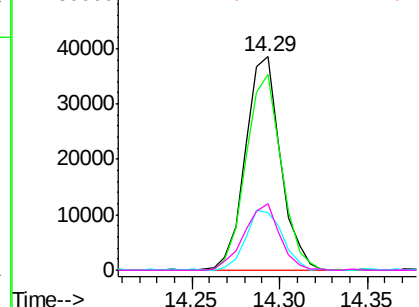
#67
 1,3,5-Trichlorobenzene
 Concen: 1.170 ug/L
 RT: 14.29 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

Tgt Ion:	180	Resp:	53696
Ion Ratio	Lower	Upper	
180	100		
182	92.9	76.0	114.0
184	29.5	24.5	36.7
145	31.7	25.2	37.8

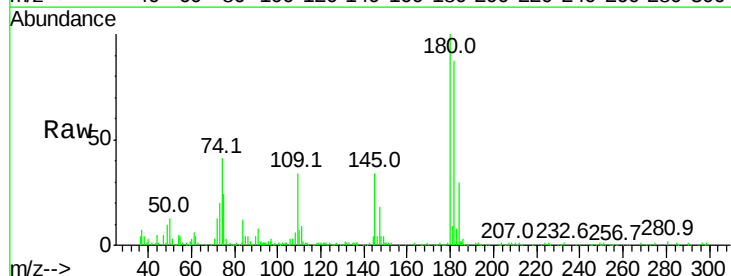


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

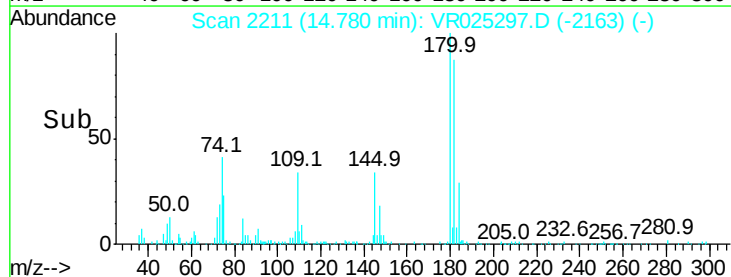
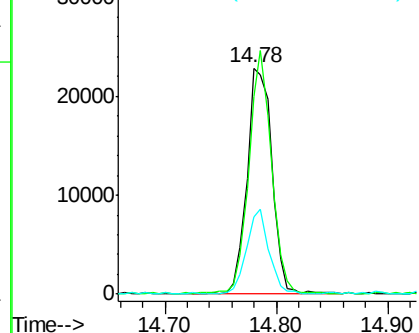


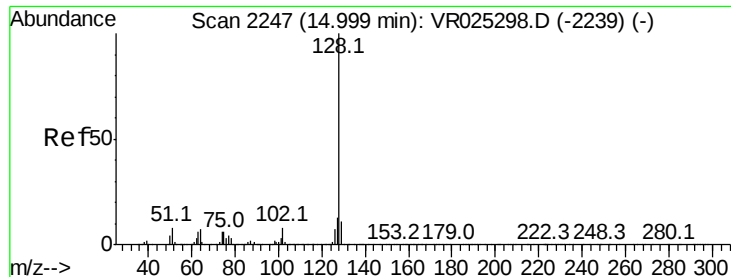
#68
 1,2,4-trichlorobenzene
 Concen: 1.158 ug/L
 RT: 14.78 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: VR025297.D
 Acq: 15 Jun 2018 13:25

Tgt Ion:	180	Resp:	35572
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.0	112.4
145	33.8	27.3	40.9



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: 1.070 ug/L

RT: 15.00 min Scan# 2247

Delta R.T. -0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

VSTD00184

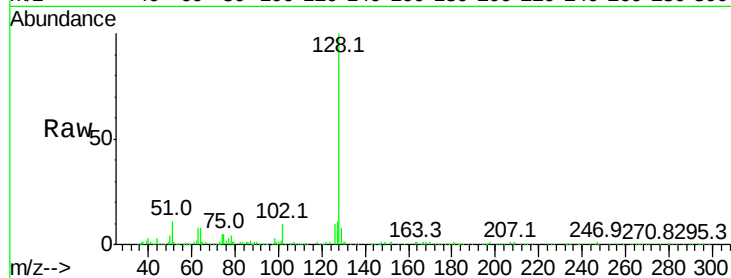
Tgt Ion:128 Resp: 42482

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

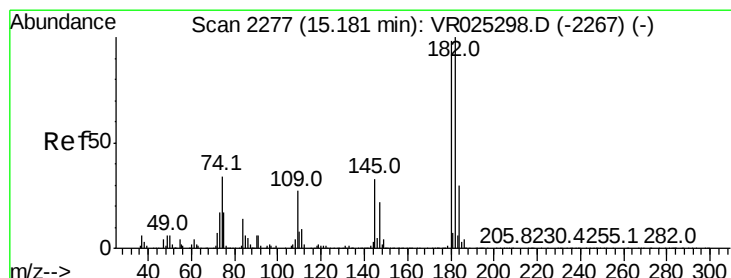
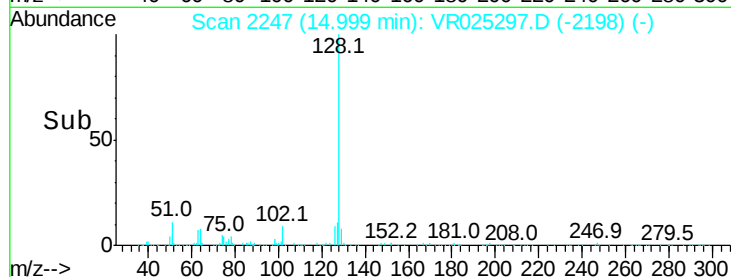
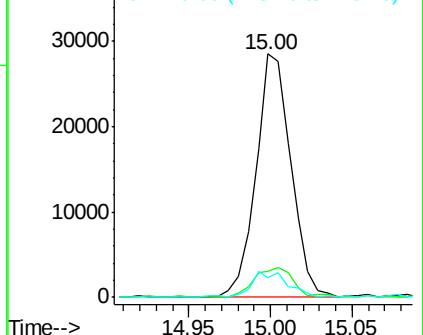
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.154 ug/L

RT: 15.18 min Scan# 2277

Delta R.T. 0.00 min

Lab File: VR025297.D

Acq: 15 Jun 2018 13:25

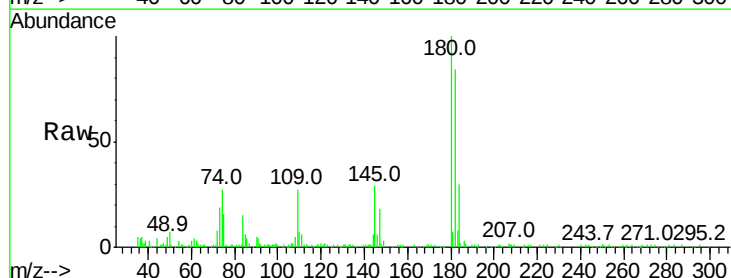
Tgt Ion:180 Resp: 27594

Ion Ratio Lower Upper

180 100

182 98.6 75.2 112.8

145 37.1 28.2 42.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

