

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003511.D
 Acq On : 04 Nov 2020 16:41
 Operator : SY/MD
 Sample : L4633-02
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-2

Quant Time: Nov 05 00:27:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	183388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	272522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	245401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122216	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	89515	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	7.72	113	78522	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	10.18	98	300938	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.48	95	97566	42.68	ug/l	0.00
Spiked Amount			Recovery	=	85.36%	

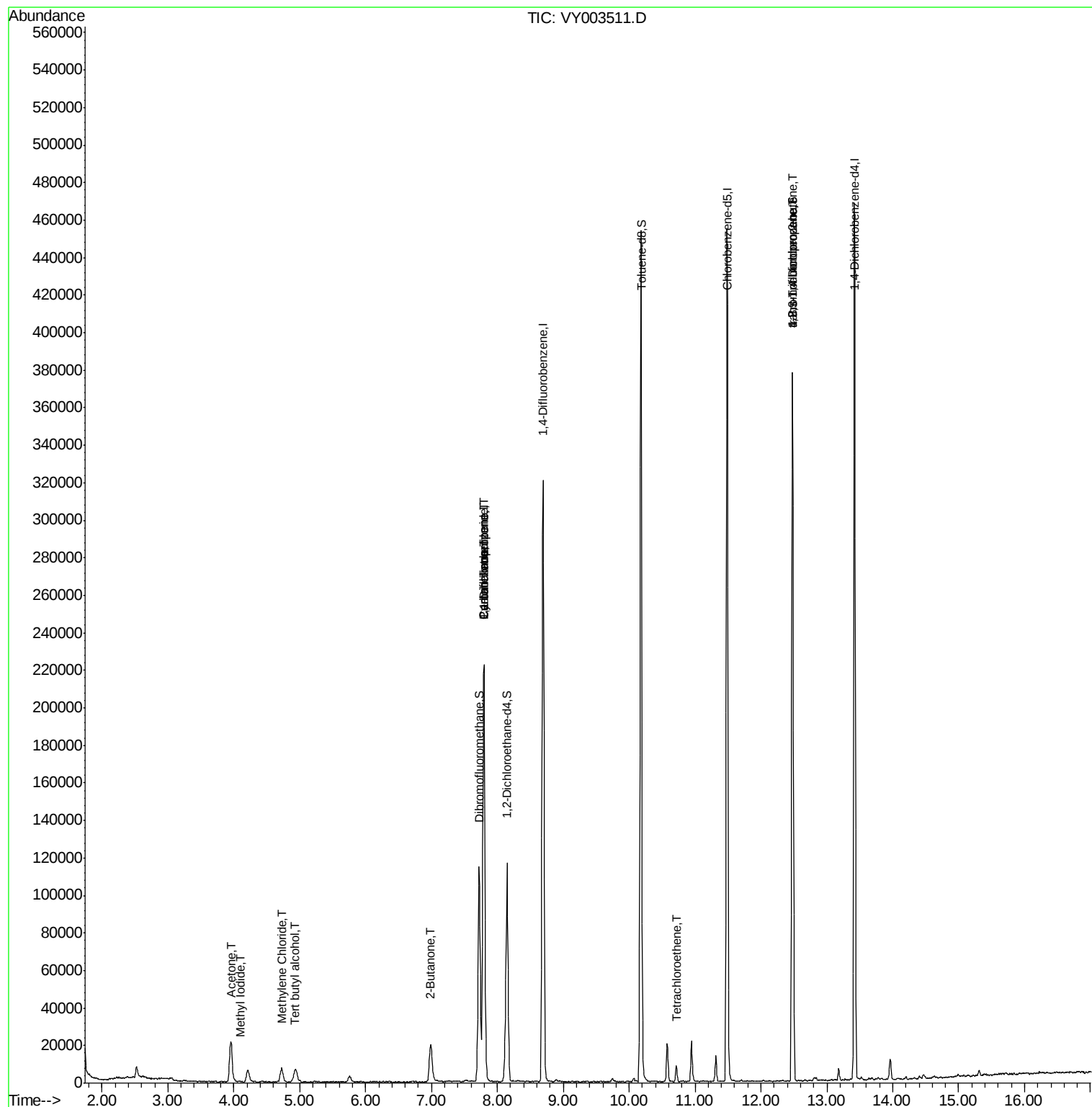
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	431	4.858	ug/l #	54
11) Tert butyl alcohol	4.93	59	7032	18.177	ug/l #	73
16) Acetone	3.96	43	38081	61.401	ug/l	97
20) Methylene Chloride	4.72	84	5189	2.971	ug/l	87
25) 2-Butanone	6.99	43	1466	1.890	ug/l	93
31) Cyclohexane	7.79	56	3575	1.269	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	12669	4.931	ug/l #	49
38) Carbon Tetrachloride	7.79	117	16441	6.168	ug/l #	16
64) Tetrachloroethene	10.72	164	1880	1.026	ug/l #	81
76) 1,2,3-Trichloropropane	12.48	75	51728	40.002	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51728	83.491	ug/l #	12

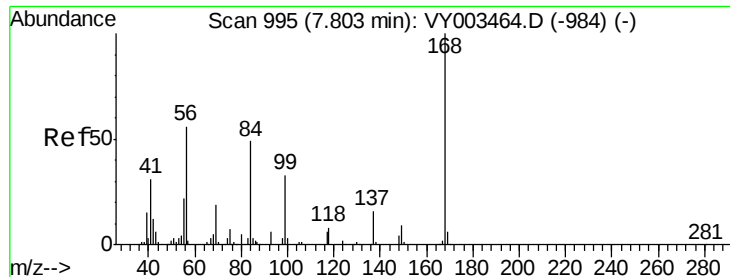
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
Data File : VY003511.D
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003511.D

Acq: 04 Nov 2020 16:41

Instrument :

MSVOA_Y

ClientSampleId :

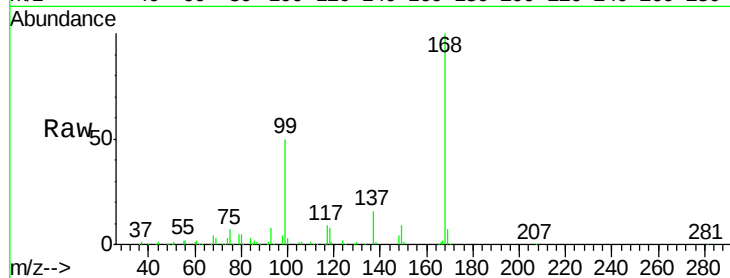
DB-2

Tot Ion:168 Resp: 183388

Ion Ratio Lower Upper

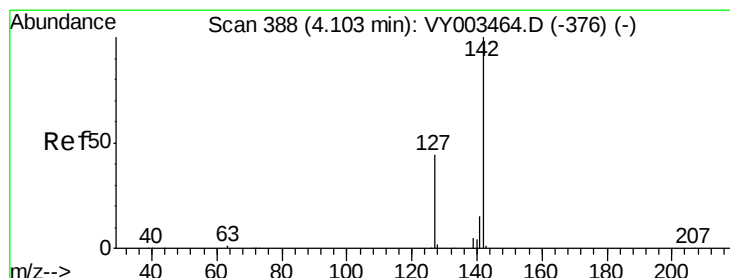
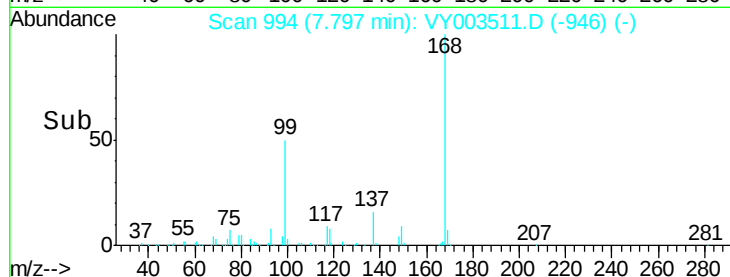
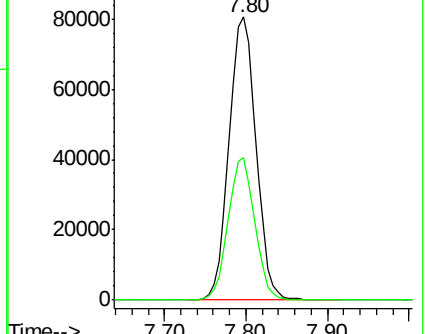
168 100

99 50.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 4.858 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.00 min

Lab File: VY003511.D

Acq: 04 Nov 2020 16:41

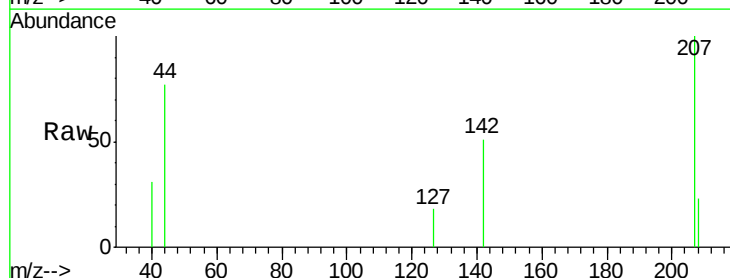
Tgt Ion:142 Resp: 431

Ion Ratio Lower Upper

142 100

127 11.1 34.5 51.7#

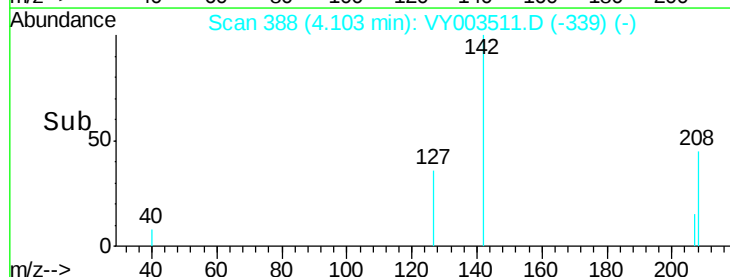
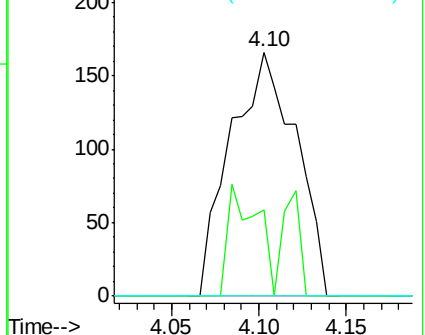
141 0.0 11.8 17.8#

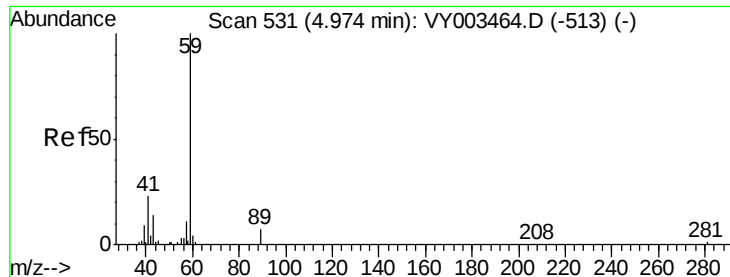


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

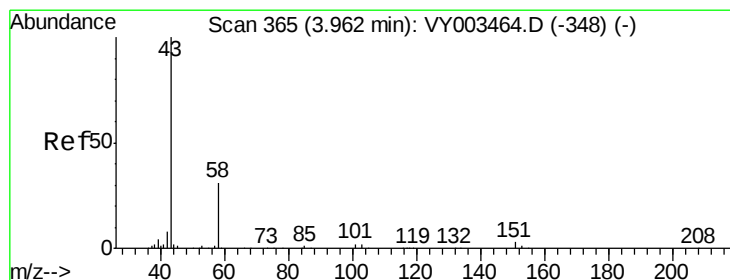
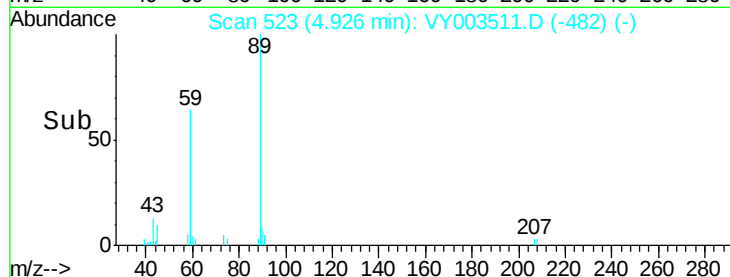
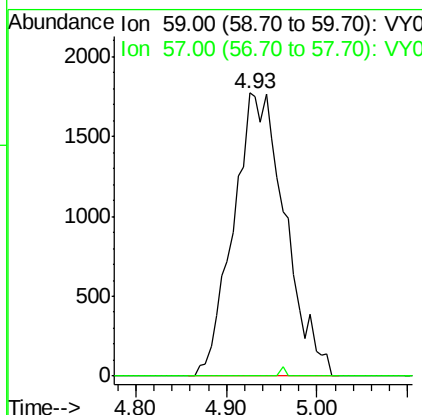
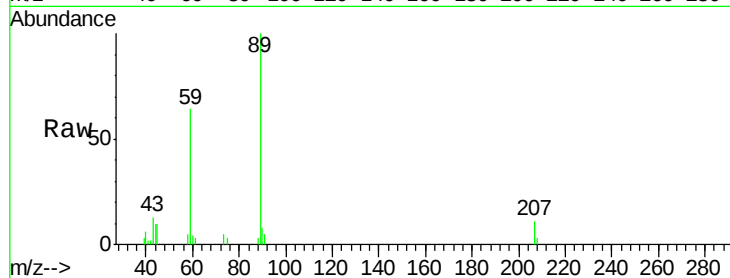




#11
Tert butyl alcohol
Concen: 18.177 ug/l
RT: 4.93 min Scan# 523
Delta R.T. -0.05 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

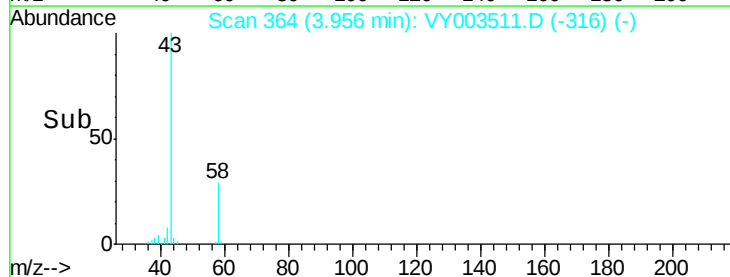
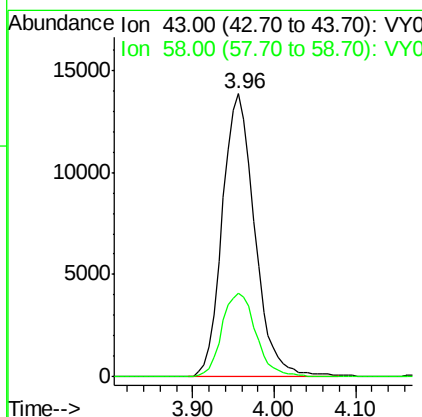
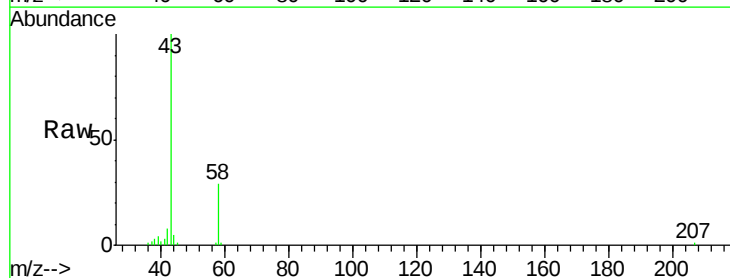
Instrument :
MSVOA_Y
ClientSampled :
DB-2

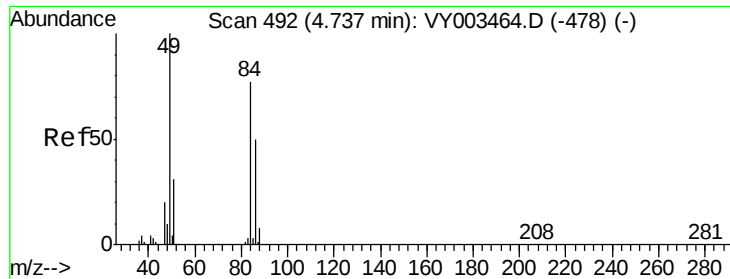
Tot Ion: 59 Resp: 7032
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 61.401 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Tgt Ion: 43 Resp: 38081
Ion Ratio Lower Upper
43 100
58 29.4 25.0 37.4

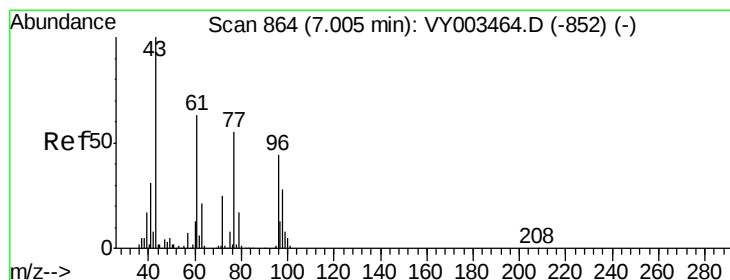
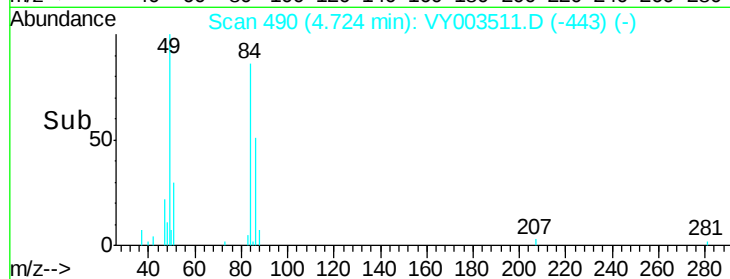
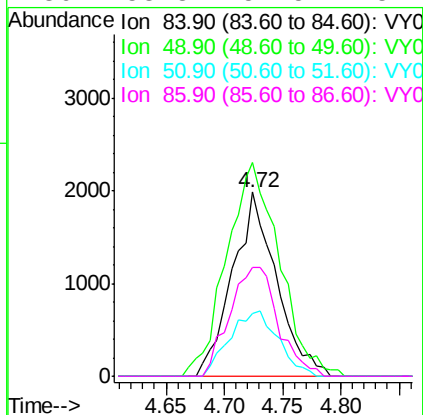
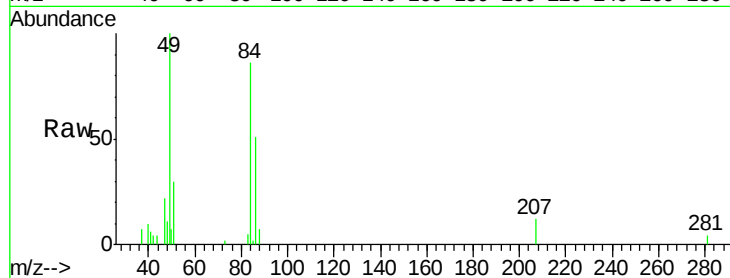




#20
Methylene Chloride
Concen: 2.971 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

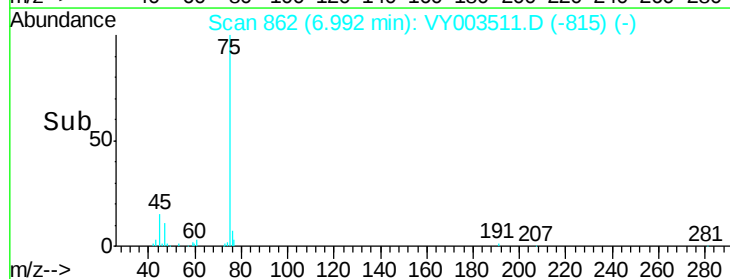
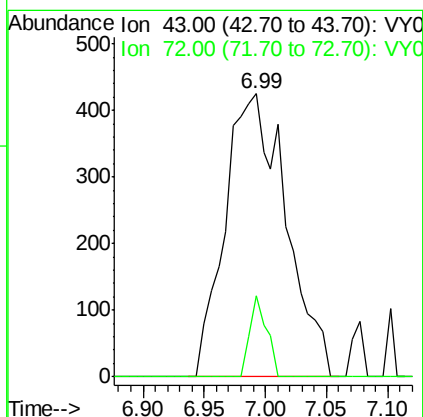
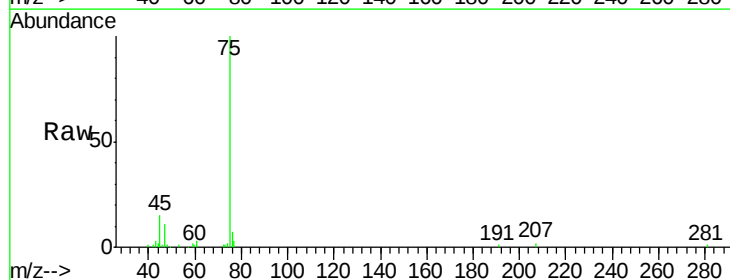
Instrument :
MSVOA_Y
ClientSampled :
DB-2

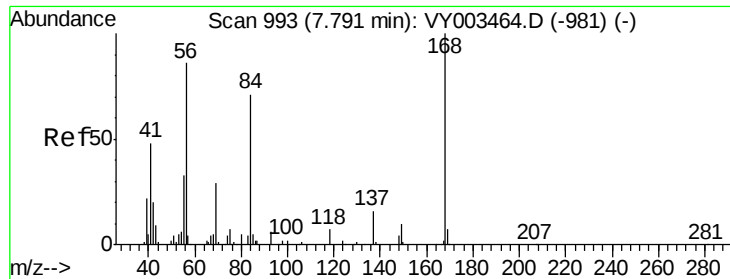
Tot Ion:	84	Resp:	5189
Ion	Ratio	Lower	Upper
84	100		
49	112.6	104.3	156.5
51	34.2	32.5	48.7
86	58.8	52.5	78.7



#25
2-Butanone
Concen: 1.890 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Tgt Ion:	43	Resp:	1466
Ion	Ratio	Lower	Upper
43	100		
72	28.7	20.1	30.1

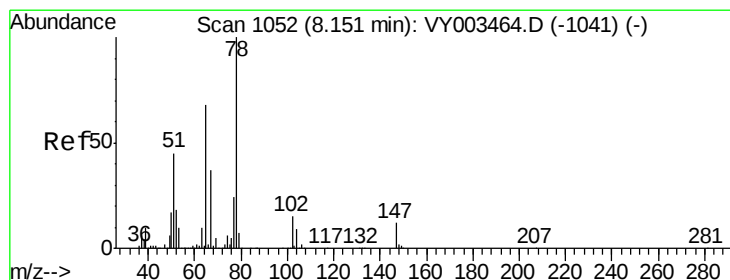
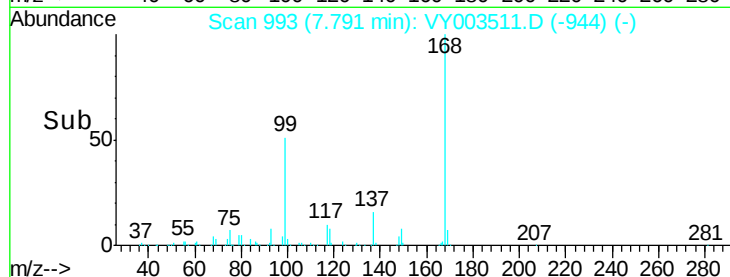
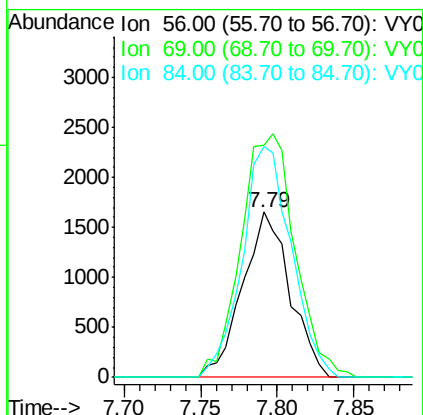
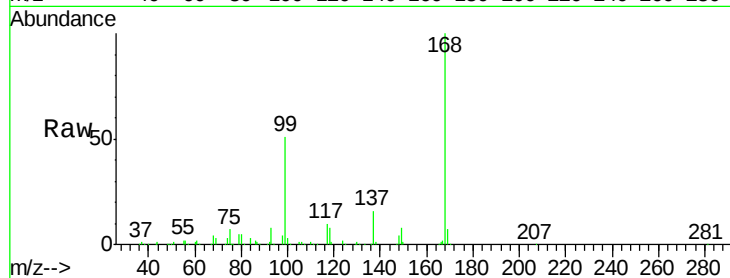




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

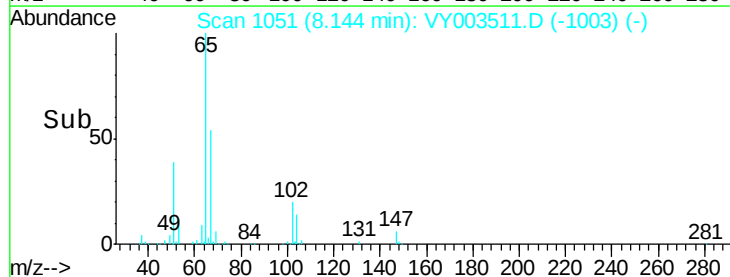
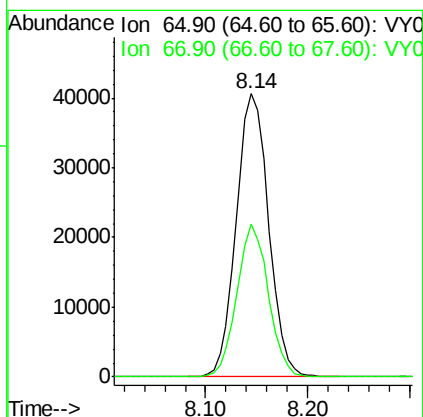
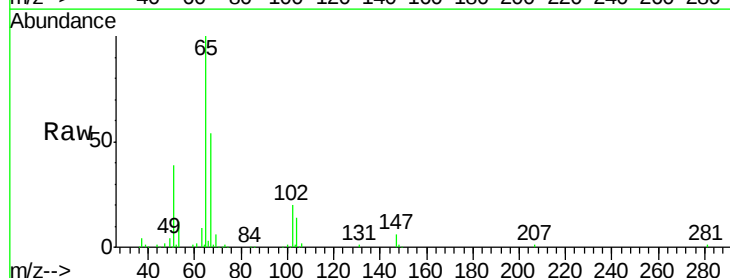
Instrument :
MSVOA_Y
ClientSampleId :
DB-2

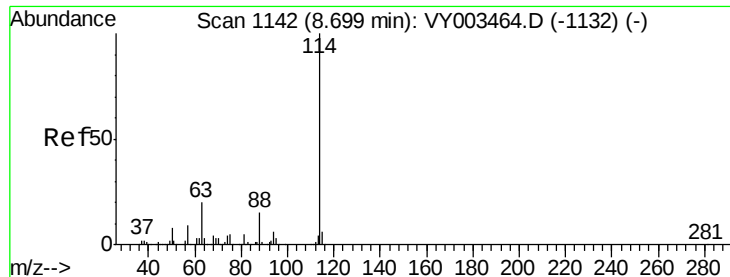
Tot Ion: 56 Resp: 3575
Ion Ratio Lower Upper
56 100
69 140.8 26.6 39.8#
84 139.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.613 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Tgt Ion: 65 Resp: 89515
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

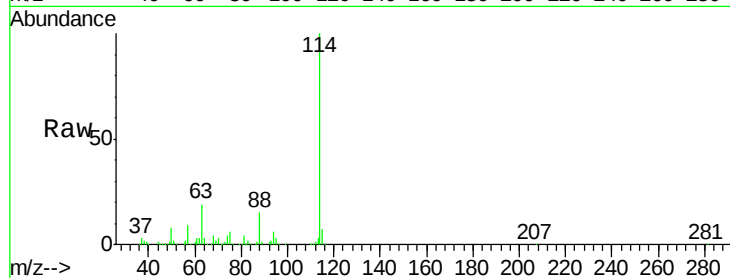




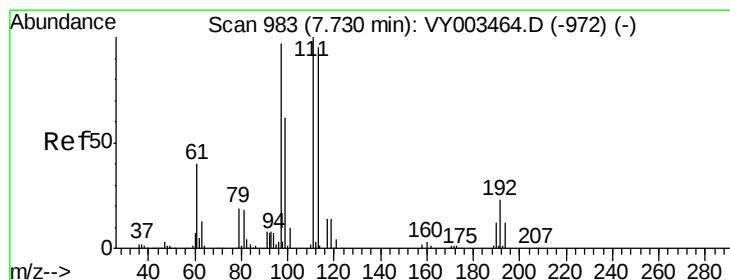
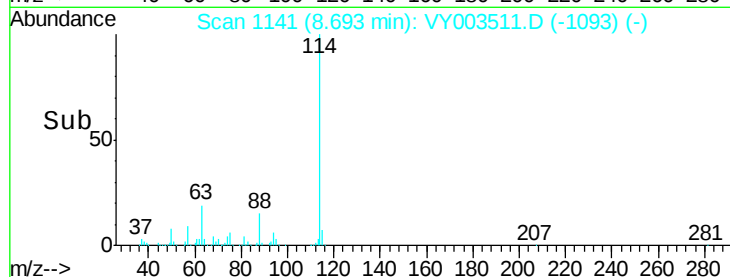
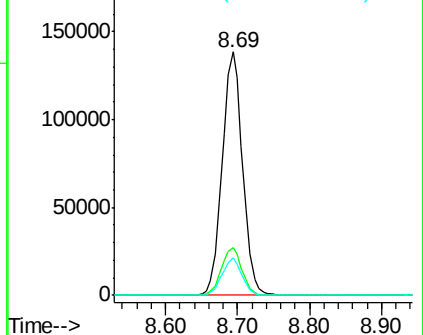
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003511.D
 Acq: 04 Nov 2020 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-2

Tot Ion:114 Resp: 272522
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 15.5 0.0 29.4

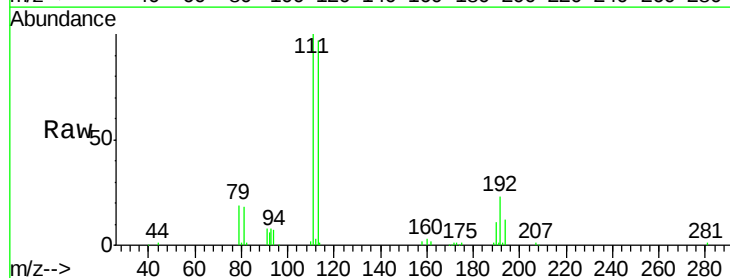


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

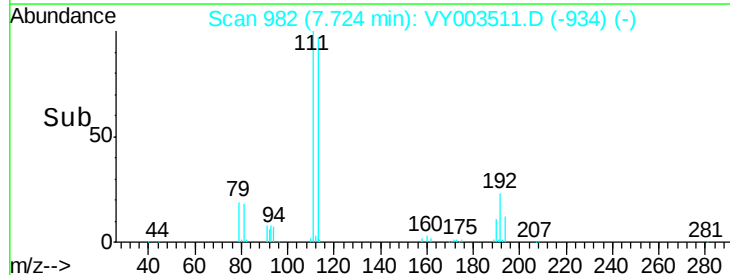
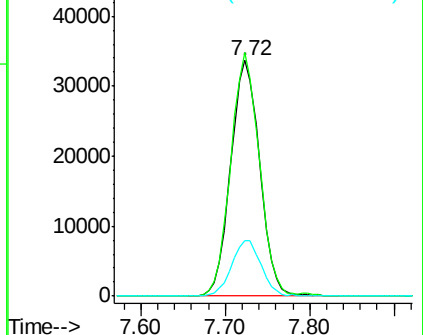


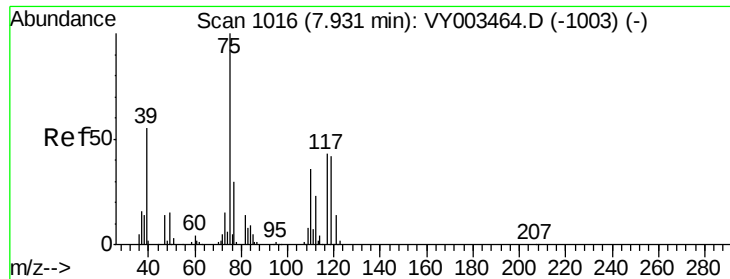
#35
 Dibromofluoromethane
 Concen: 47.349 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003511.D
 Acq: 04 Nov 2020 16:41

Tgt Ion:113 Resp: 78522
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 24.0 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

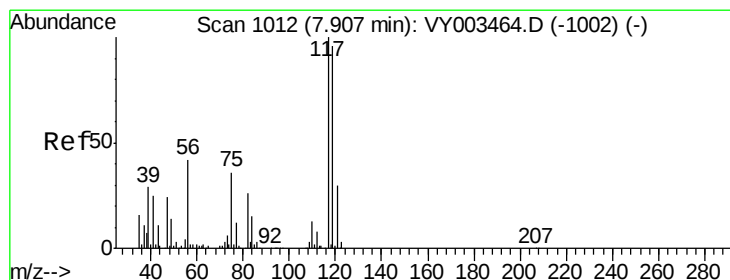
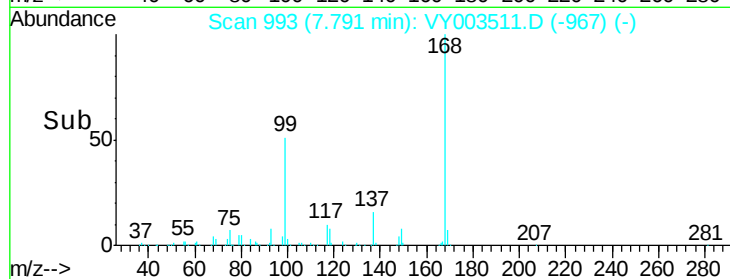
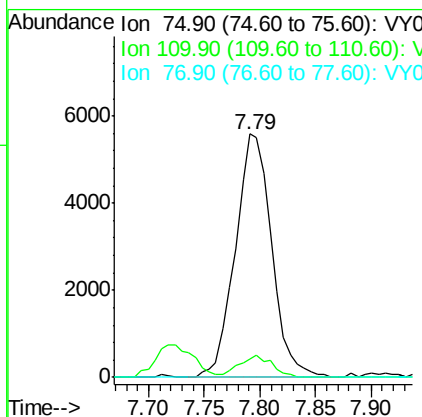
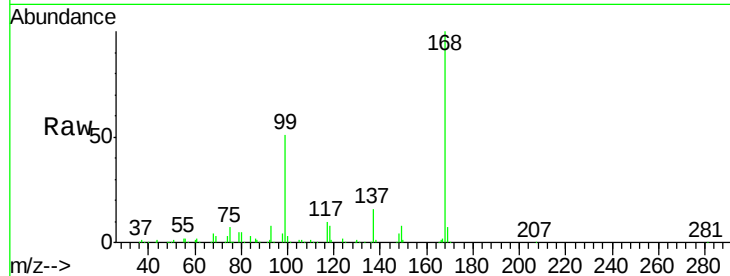




#36
 1,1-Dichloropropene
 Concen: 4.931 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY003511.D
 Acq: 04 Nov 2020 16:41

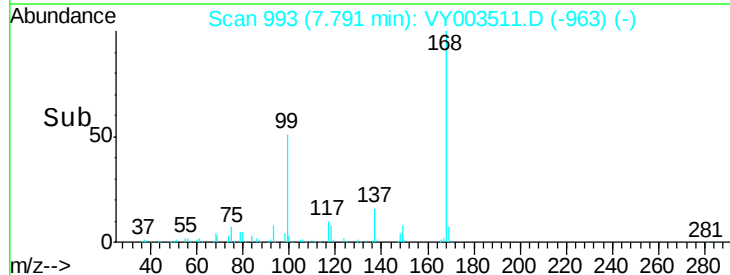
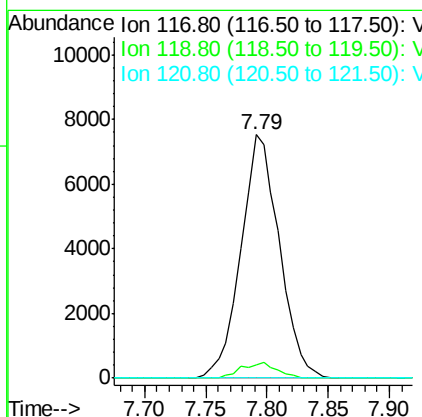
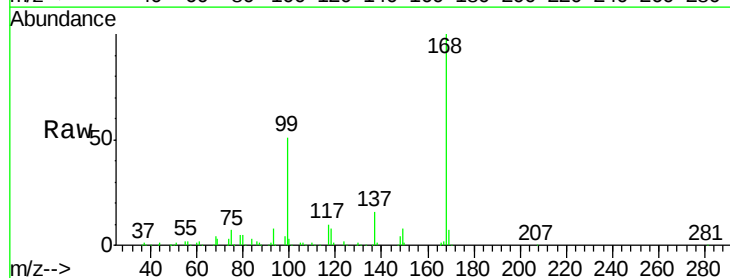
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-2

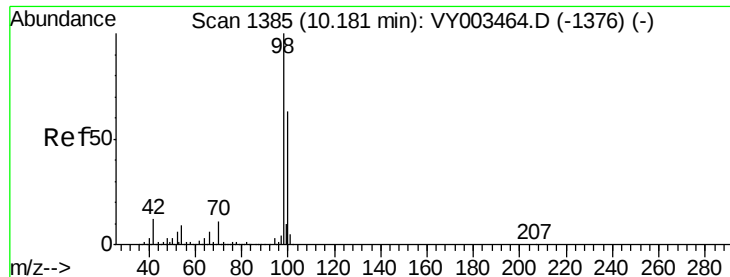
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.6	52.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.168 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003511.D
 Acq: 04 Nov 2020 16:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.4#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 43.621 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003511.D

Acq: 04 Nov 2020 16:41

Instrument :

MSVOA_Y

ClientSampleId :

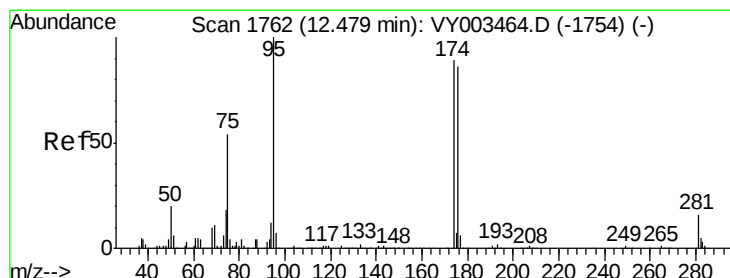
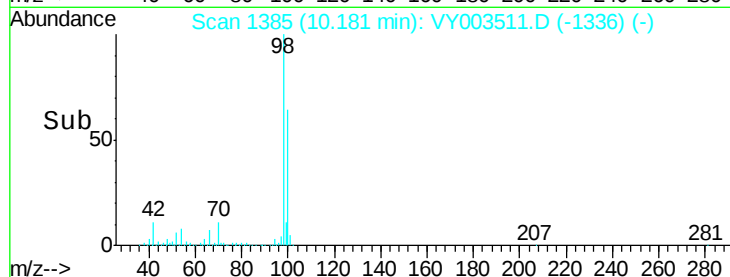
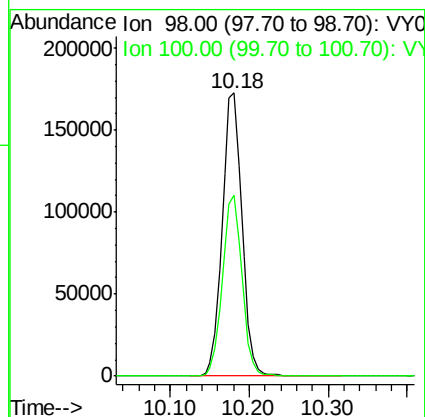
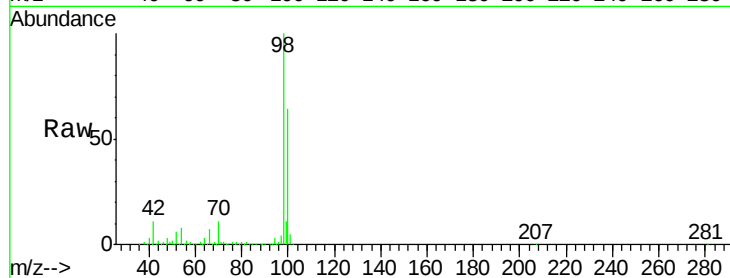
DB-2

Tot Ion: 98 Resp: 300938

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 42.683 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003511.D

Acq: 04 Nov 2020 16:41

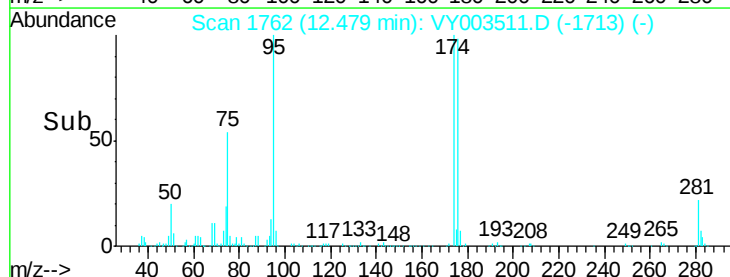
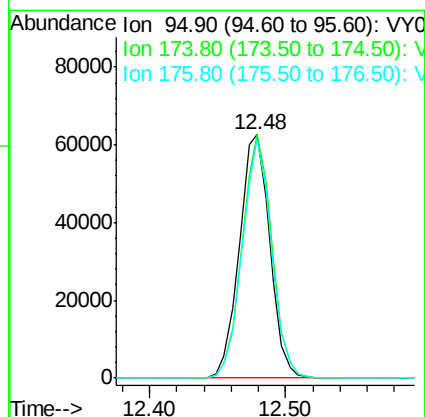
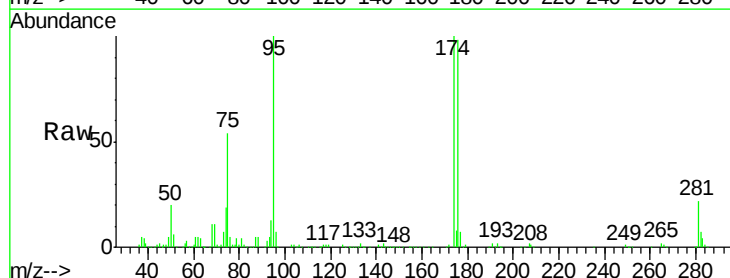
Tgt Ion: 95 Resp: 97566

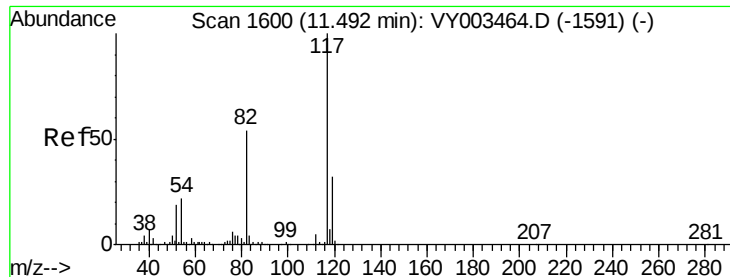
Ion Ratio Lower Upper

95 100

174 97.8 0.0 193.0

176 94.2 0.0 187.4

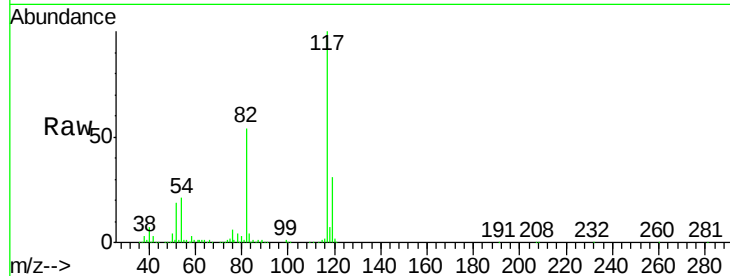




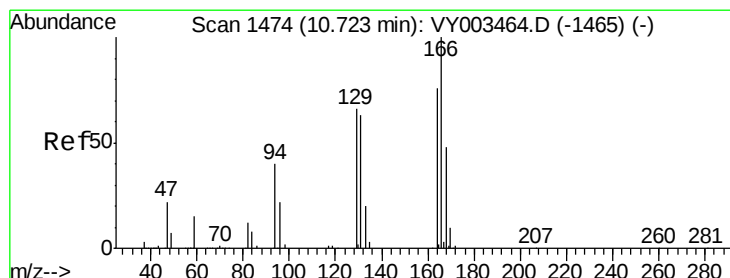
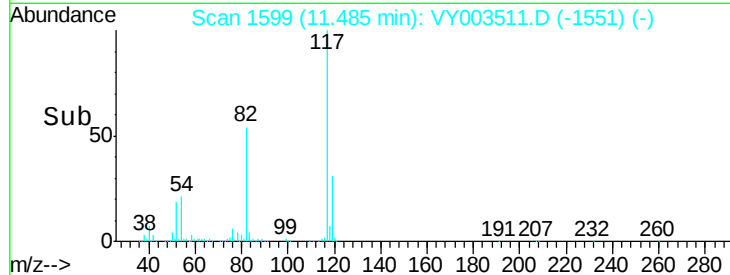
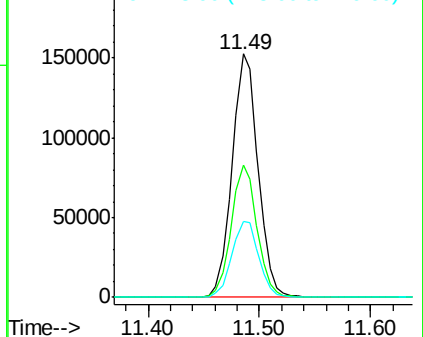
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Instrument :
MSVOA_Y
ClientSampled :
DB-2

Tot Ion:117 Resp: 245401
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 31.1 25.8 38.6

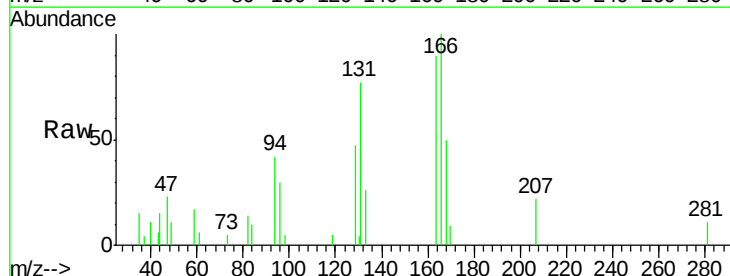


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

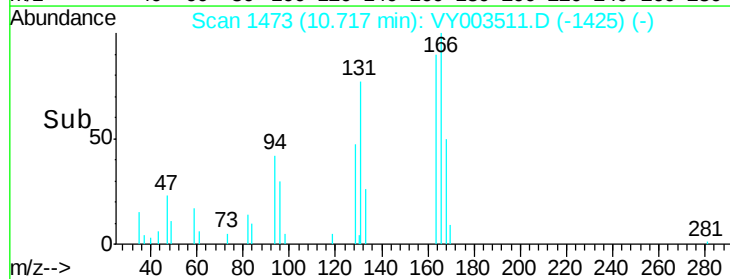
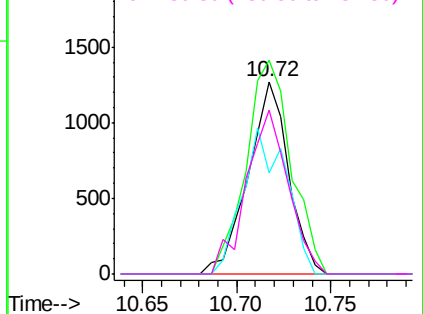


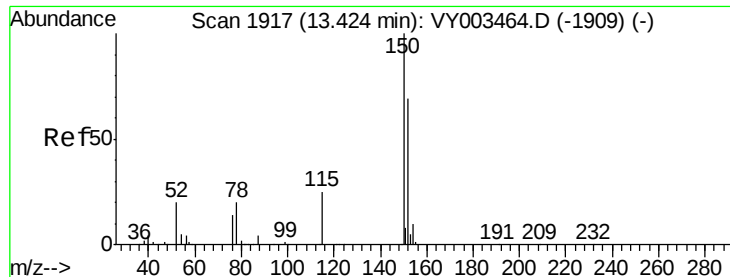
#64
Tetrachloroethene
Concen: 1.026 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Tgt Ion:164 Resp: 1880
Ion Ratio Lower Upper
164 100
166 111.0 104.9 157.3
129 52.4 68.9 103.3#
131 85.2 66.2 99.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



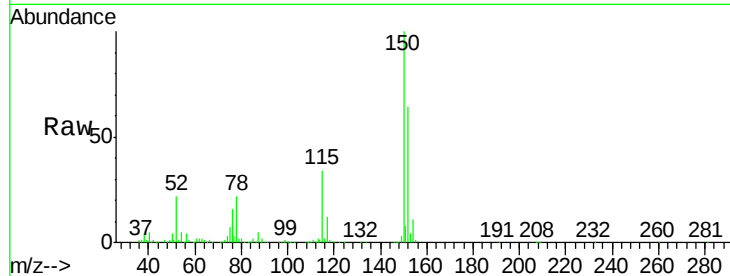


#72

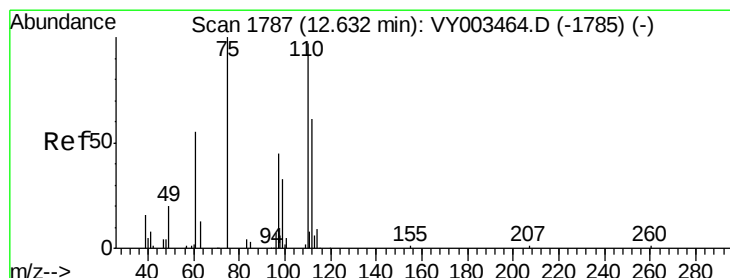
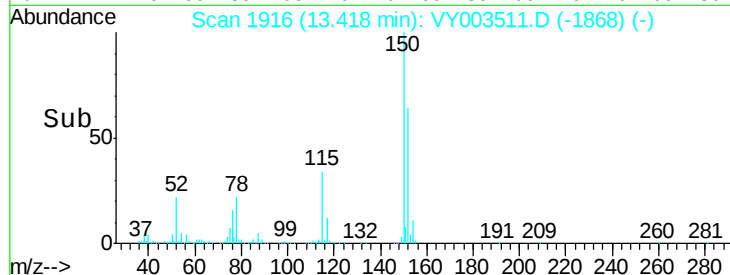
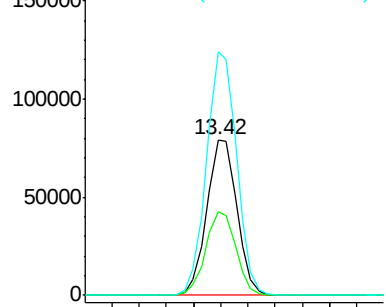
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Instrument :
MSVOA_Y
ClientSampleId :
DB-2

Tot Ion:152 Resp: 122216
Ion Ratio Lower Upper
152 100
115 53.8 27.5 82.4
150 156.9 0.0 345.8



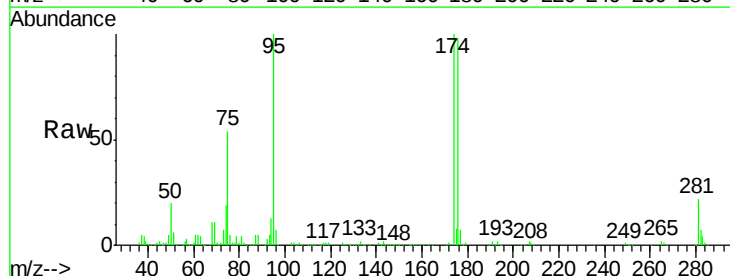
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



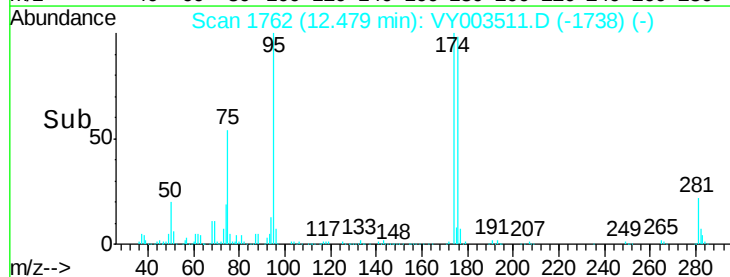
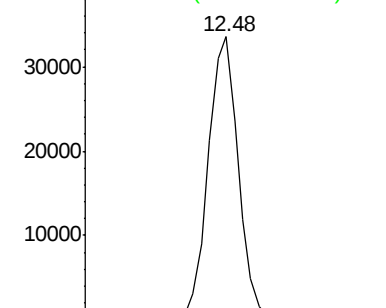
#76

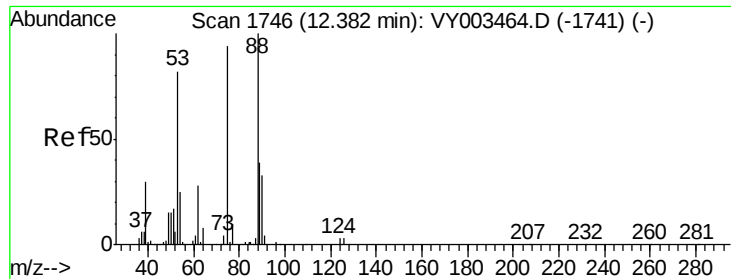
1,2,3-Trichloropropane
Concen: 40.002 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003511.D
Acq: 04 Nov 2020 16:41

Tgt Ion: 75 Resp: 51728
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 83.491 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003511.D

Acq: 04 Nov 2020 16:41

Instrument :

MSVOA_Y

ClientSampleId :

DB-2

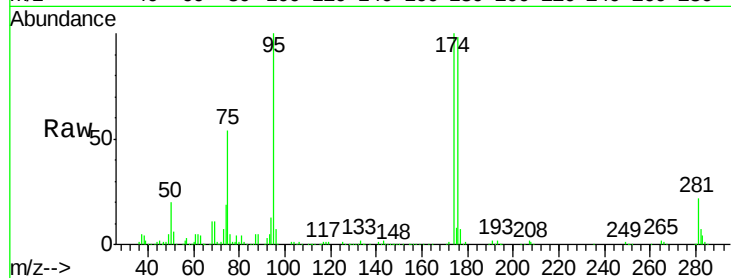
Tot Ion: 75 Resp: 51728

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

