

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008518.D
 Acq On : 27 Apr 2022 11:40
 Operator : KP/MD
 Sample : N2560-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2827

Quant Time: Apr 28 02:05:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

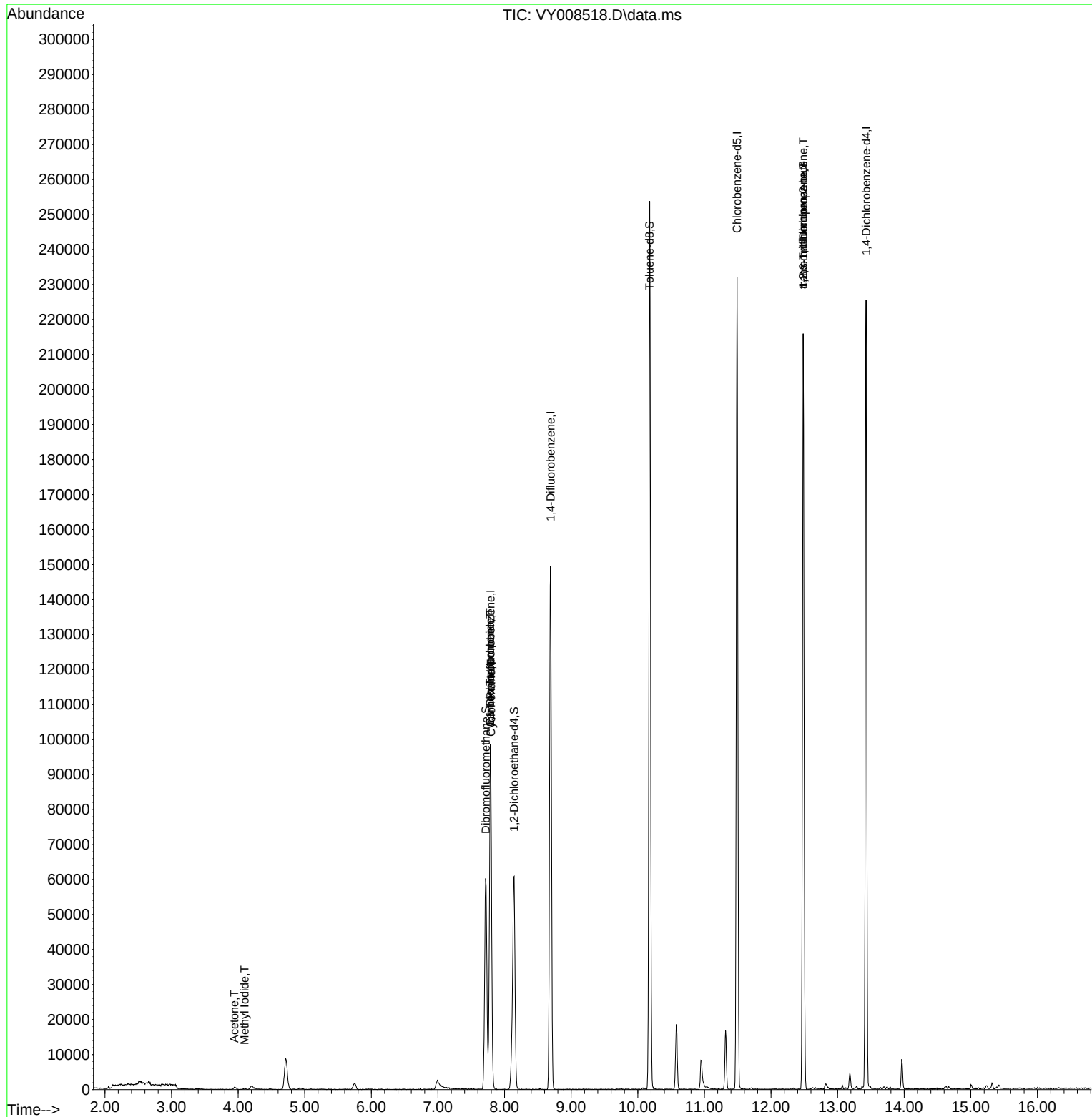
Internal Standards						
1) Pentafluorobenzene	7.789	168	75821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42865	48.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.716	113	42749	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.179	98	163895	47.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.483	95	52140	44.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	200	1.861	ug/l #	63
11) Tert butyl alcohol	4.948	59	484	Below Cal	#	77
16) Acetone	3.942	43	487	2.344	ug/l #	58
31) Cyclohexane	7.795	56	1578	1.076	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	6300	4.555	ug/l #	50
38) Carbon Tetrachloride	7.783	117	7668	5.336	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	28507	39.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28507	91.801	ug/l #	7

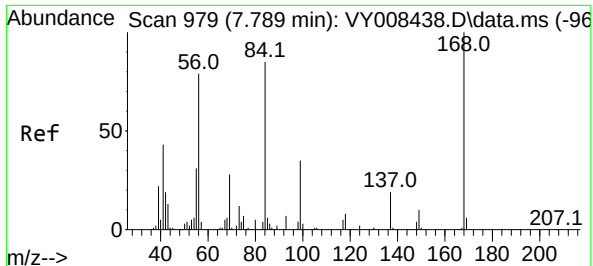
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2827

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Quant Title : SW846 8260
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Response via : Initial Calibration

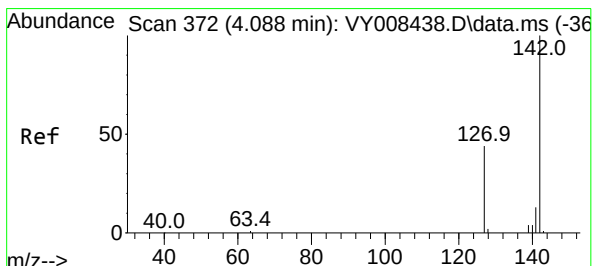
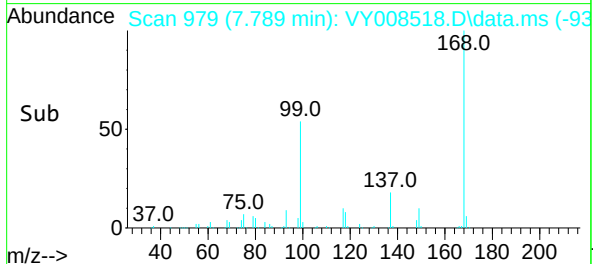
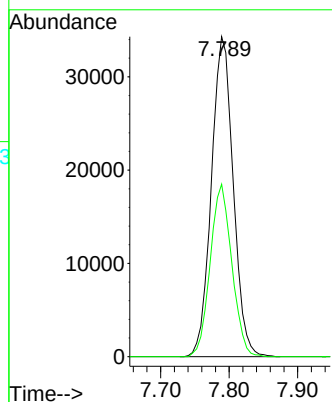
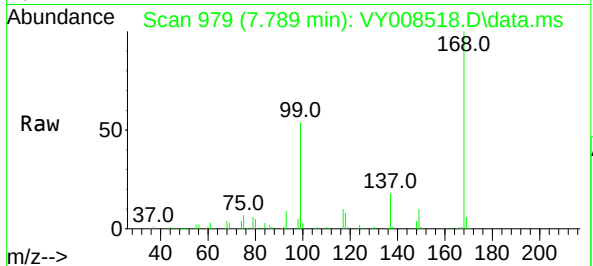




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

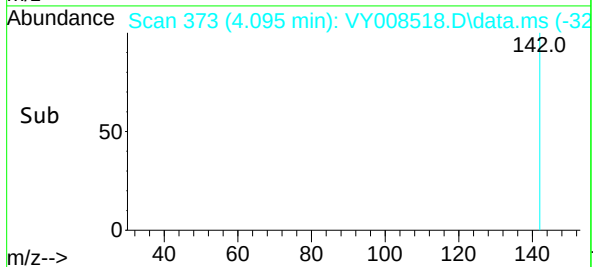
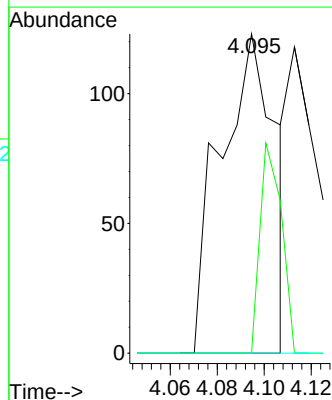
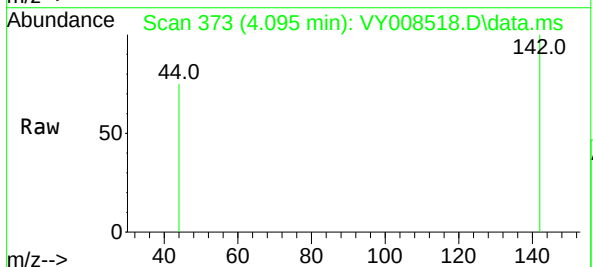
Instrument :
MSVOA_Y
ClientSampleId :
2827

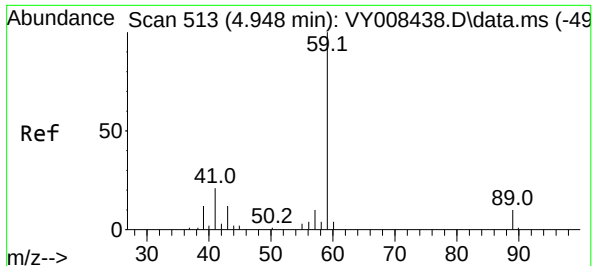
Tgt Ion:168 Resp: 75821
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.861 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
127 25.5 41.5 62.3#
141 0.0 11.9 17.9#

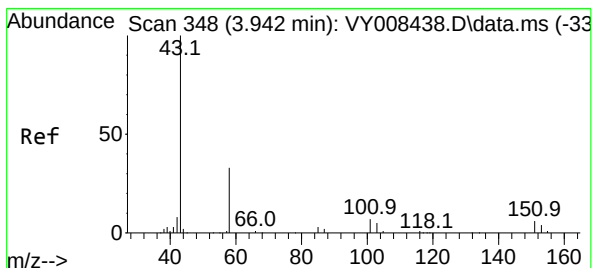
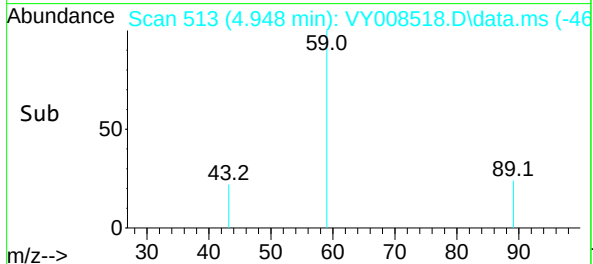
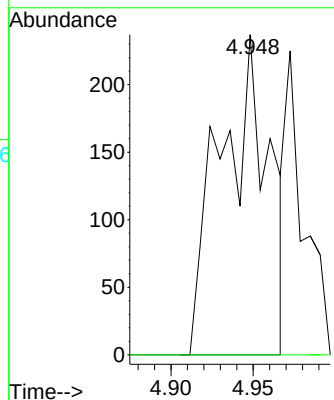
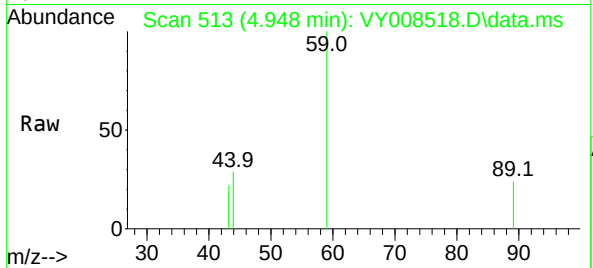




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

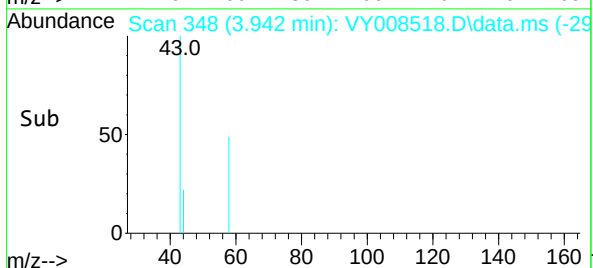
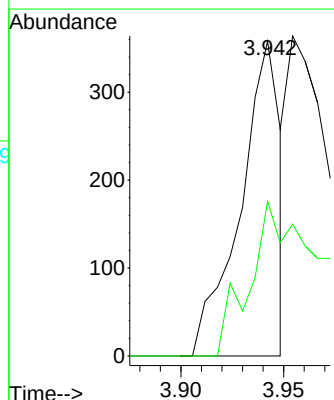
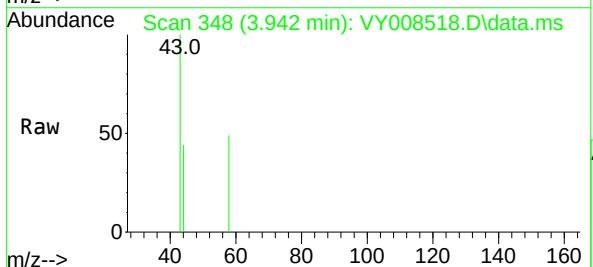
Instrument :
MSVOA_Y
ClientSampleId :
2827

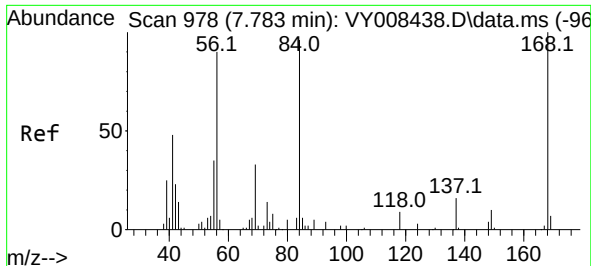
Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.344 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 49.2 22.0 33.0#

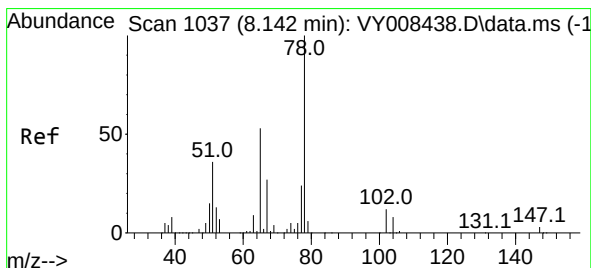
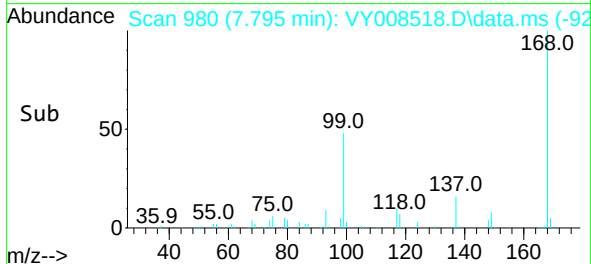
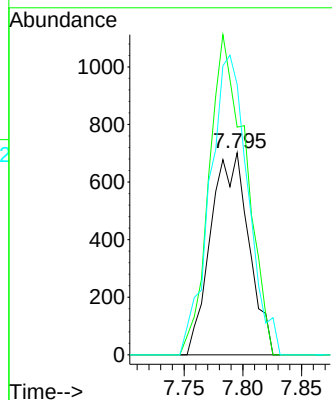
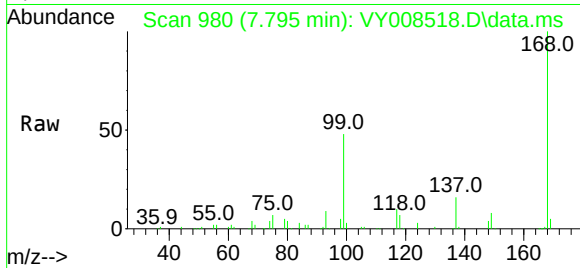




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

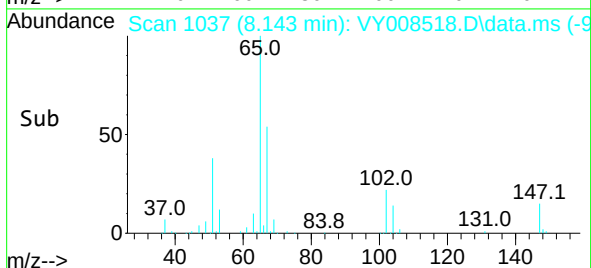
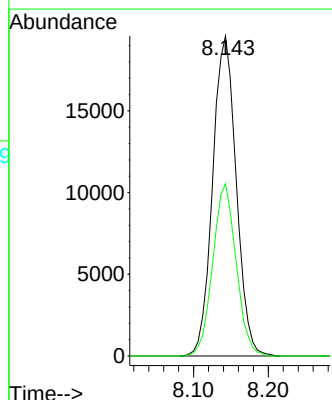
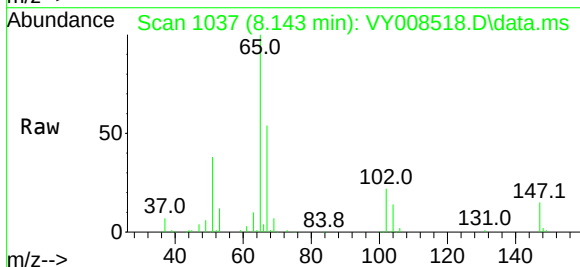
Instrument :
MSVOA_Y
ClientSampleId :
2827

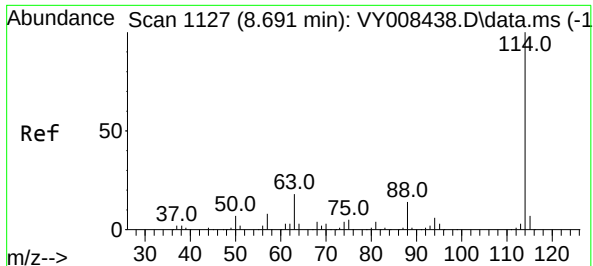
Tgt Ion: 56 Resp: 1578
Ion Ratio Lower Upper
56 100
69 112.7 26.7 40.1#
84 133.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 48.048 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 65 Resp: 42865
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008518.D

Acq: 27 Apr 2022 11:40

Instrument :

MSVOA_Y

ClientSampleId :

2827

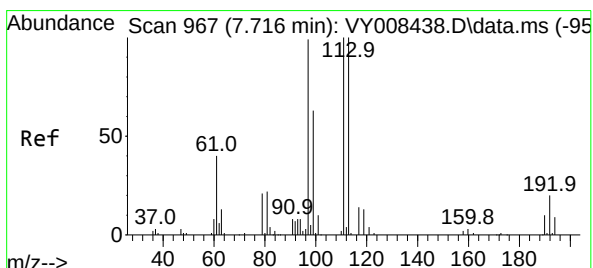
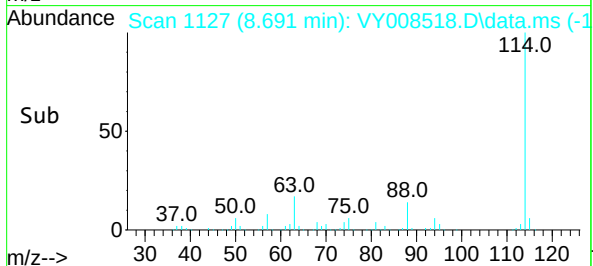
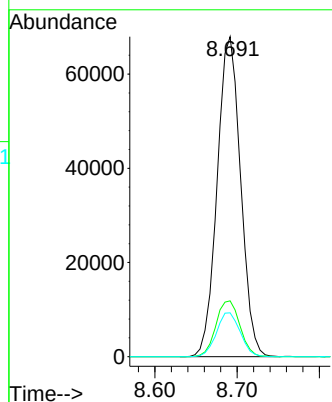
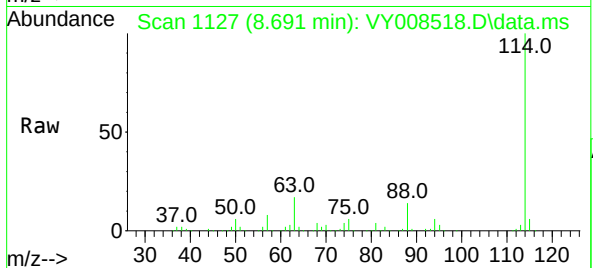
Tgt Ion:114 Resp: 134727

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.165 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008518.D

Acq: 27 Apr 2022 11:40

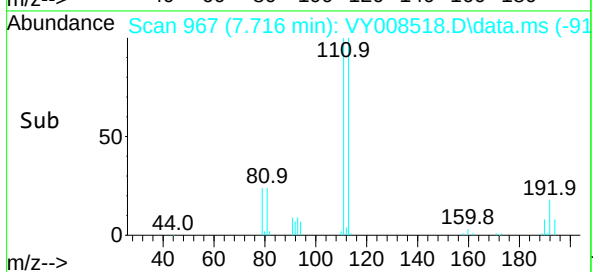
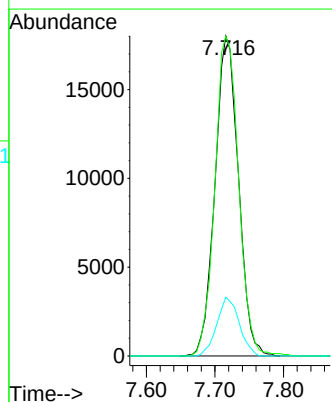
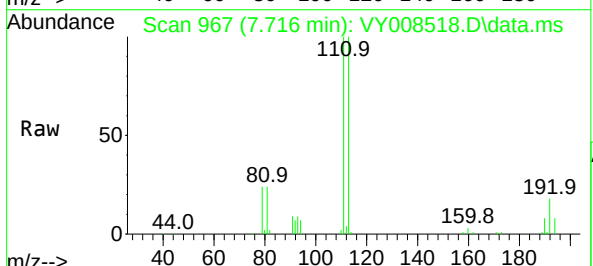
Tgt Ion:113 Resp: 42749

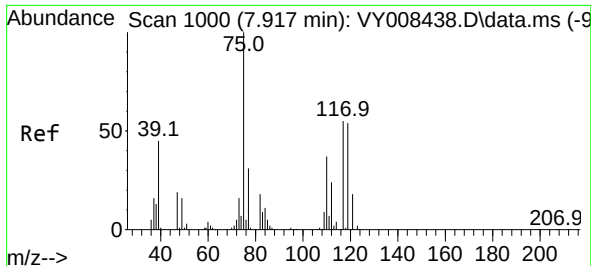
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.5 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.555 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008518.D

Acq: 27 Apr 2022 11:40

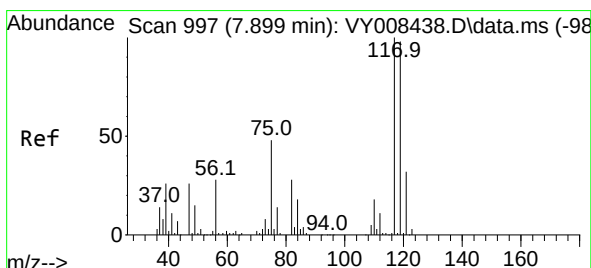
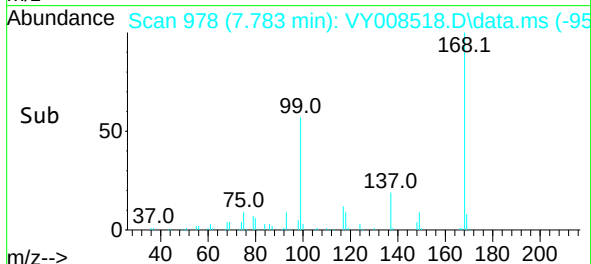
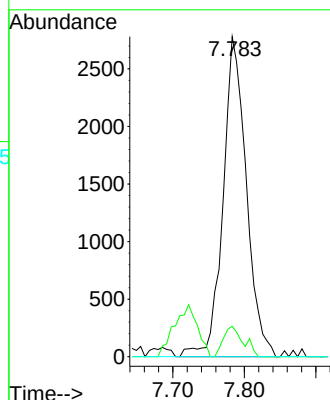
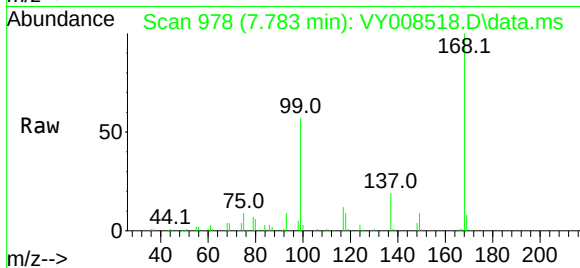
Instrument :

MSVOA_Y

ClientSampleId :

2827

Tgt Ion: 75	Resp: 6300
Ion Ratio	Lower Upper
75	100
110	8.1 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.336 ug/l

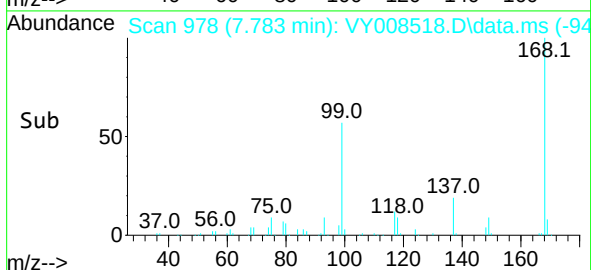
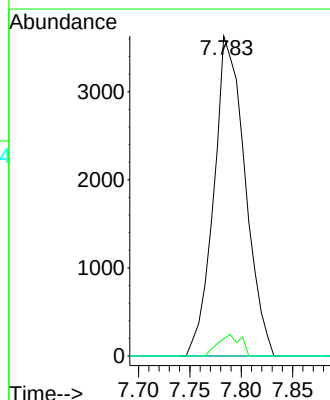
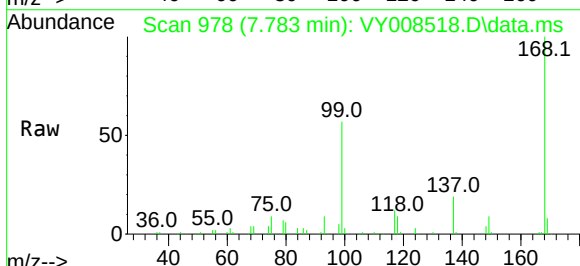
RT: 7.783 min Scan# 978

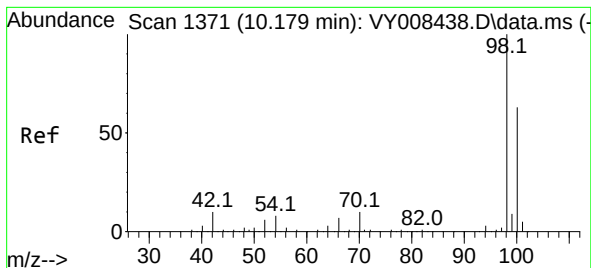
Delta R.T. -0.116 min

Lab File: VY008518.D

Acq: 27 Apr 2022 11:40

Tgt Ion: 117	Resp: 7668
Ion Ratio	Lower Upper
117	100
119	5.4 77.9 116.9#
121	0.0 24.8 37.2#

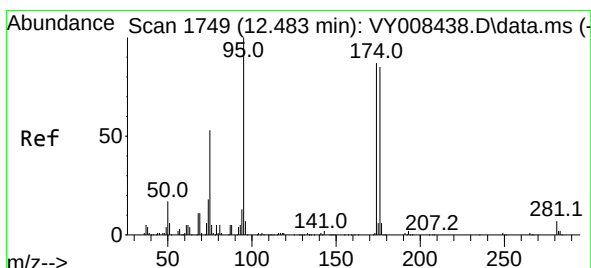
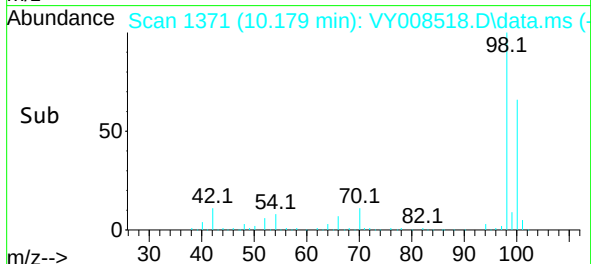
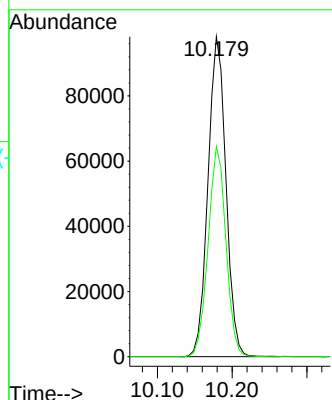
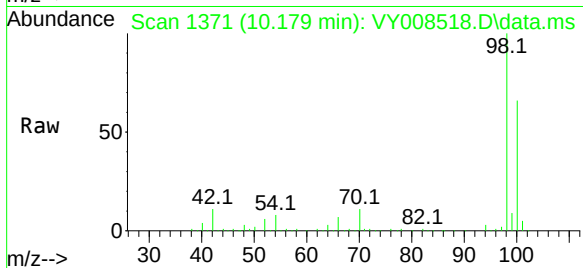




#50
Toluene-d8
Concen: 47.416 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

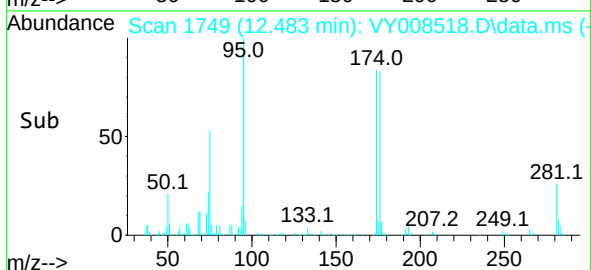
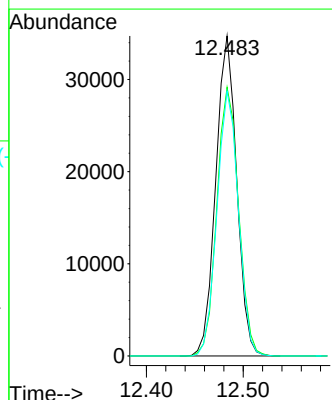
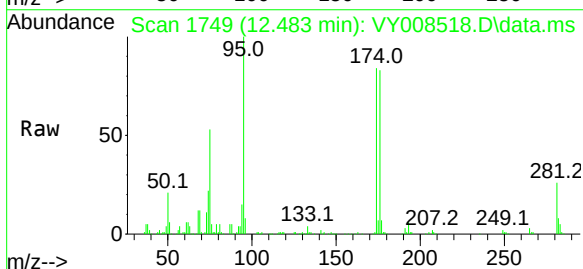
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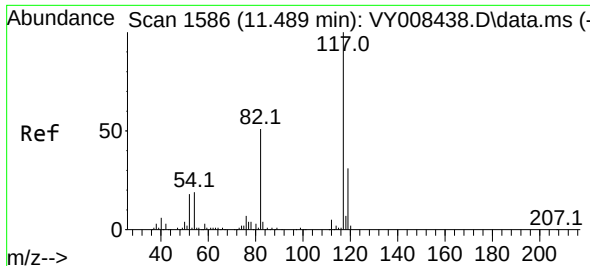
Tgt Ion: 98 Resp: 163895
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 95 Resp: 52140
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.4 0.0 175.8

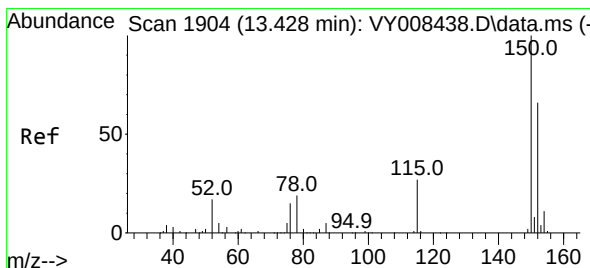
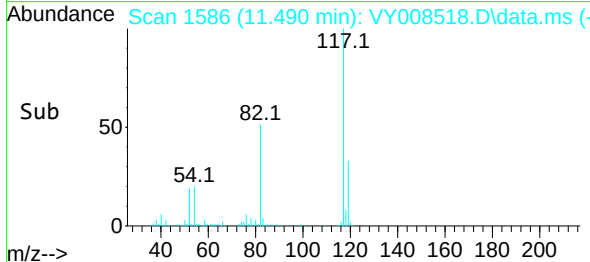
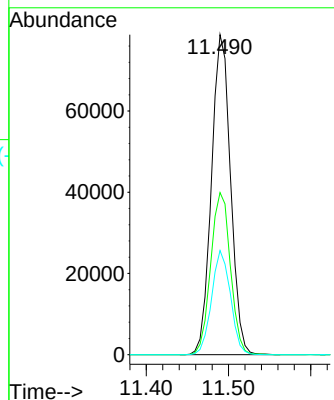
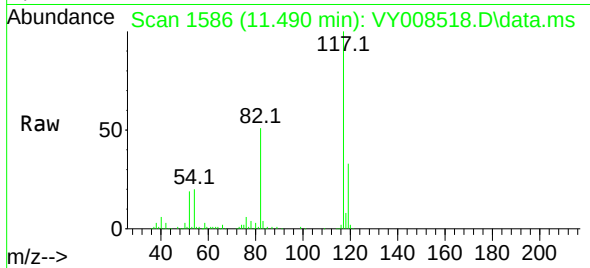




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

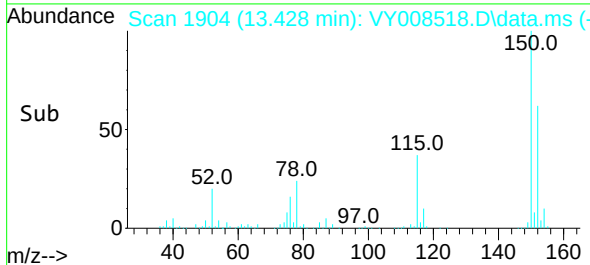
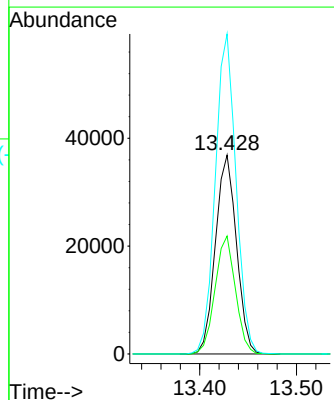
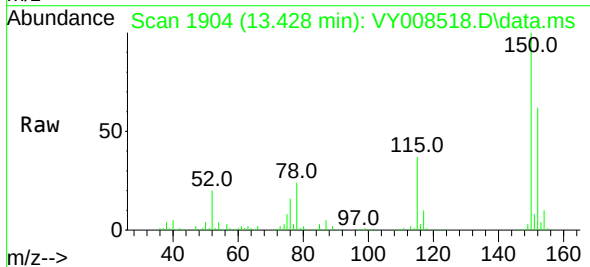
Instrument :
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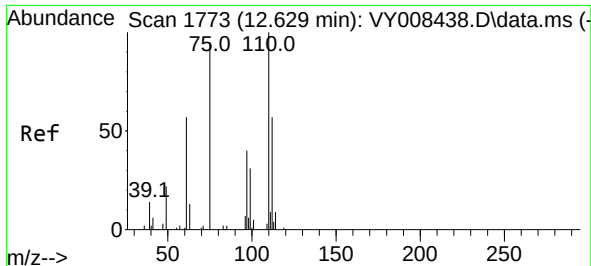
Tgt Ion:117 Resp: 127308
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion:152 Resp: 55665
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.6 0.0 347.6

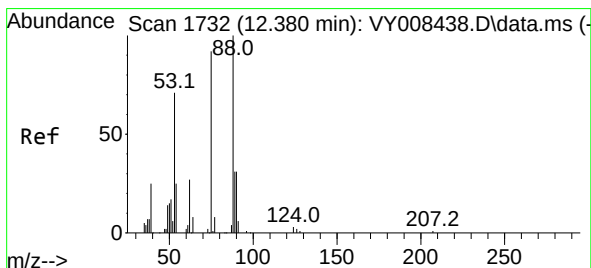
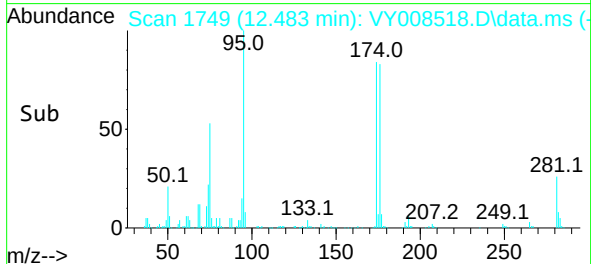
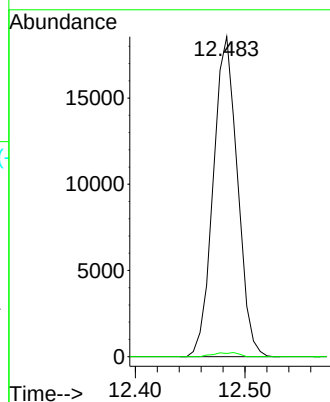
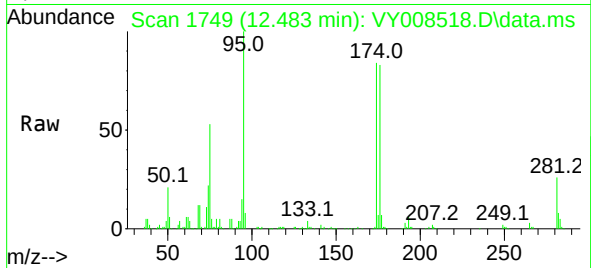




#76
1,2,3-Trichloropropane
Concen: 39.571 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Instrument :
MSVOA_Y
ClientSampleId :
2827

Tgt Ion: 75 Resp: 28507
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 75 Resp: 28507
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.6 37.0 55.4#

