

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009739.D
 Acq On : 28 Jul 2022 10:25
 Operator : KP/MD
 Sample : VY0728SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBL01

Quant Time: Jul 29 02:54:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

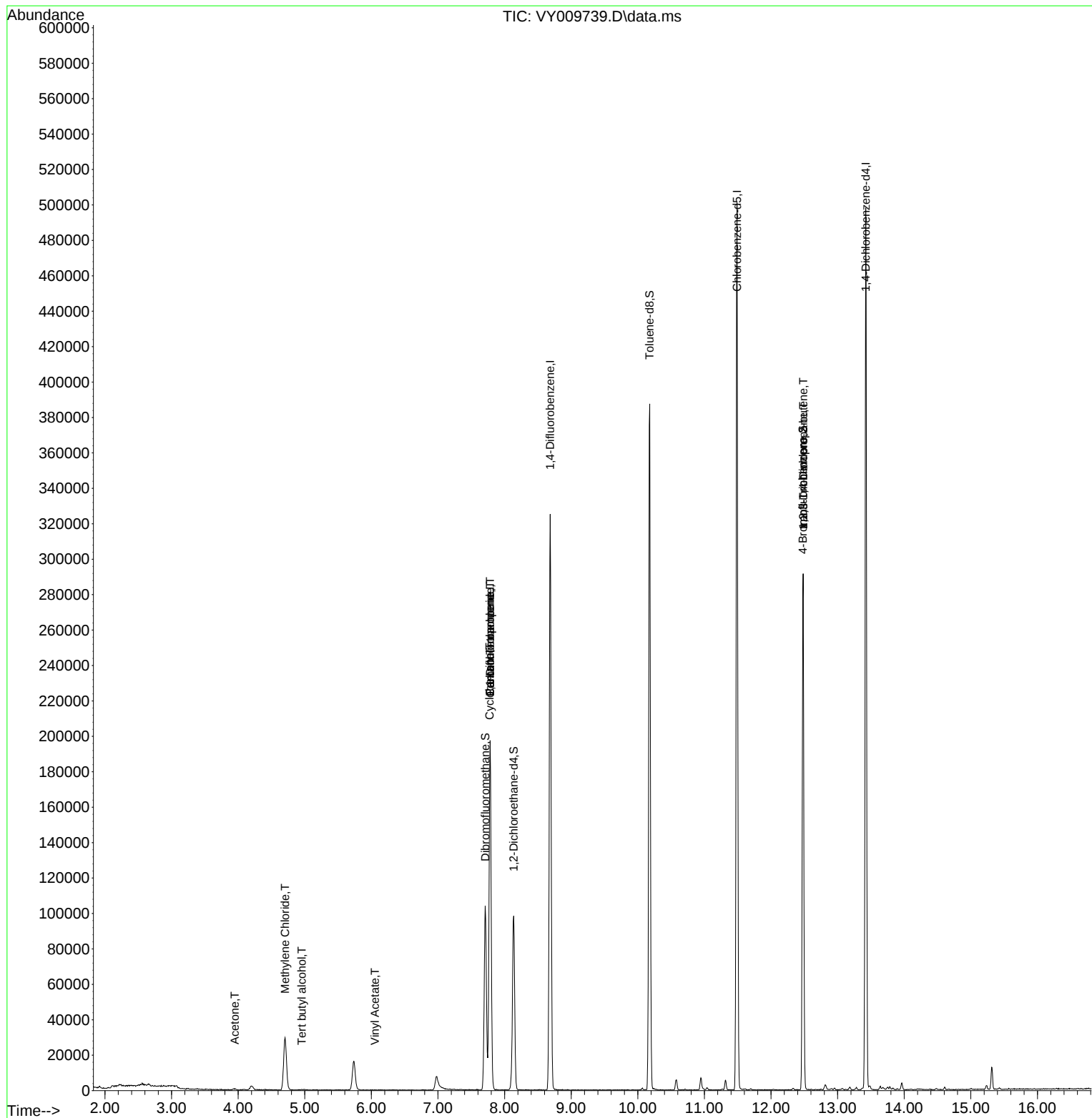
Internal Standards						
1) Pentafluorobenzene	7.783	168	162072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75233	72.013	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.020%			
35) Dibromofluoromethane	7.710	113	71334	45.976	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.960%			
50) Toluene-d8	10.179	98	256900	57.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 114.980%			
62) 4-Bromofluorobenzene	12.477	95	81442	39.586	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 79.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	439	1.945	ug/l #	77
16) Acetone	3.948	43	1142	2.947	ug/l	92
18) Methyl Acetate	4.491	43	173	Below Cal	#	56
20) Methylene Chloride	4.704	84	22333	2.880	ug/l	86
23) Vinyl Acetate	6.051	43	54	7.490	ug/l #	75
31) Cyclohexane	7.777	56	2826	1.096	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10804	4.279	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14587	5.392	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42304	34.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42304	69.168	ug/l #	7

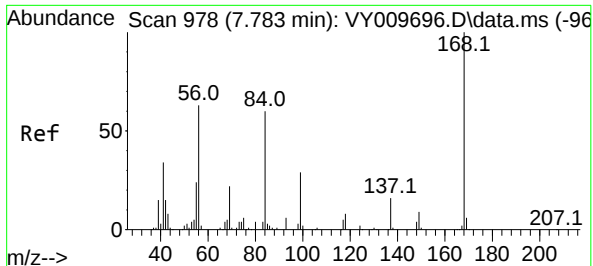
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
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ALS Vial : 4 Sample Multiplier: 1

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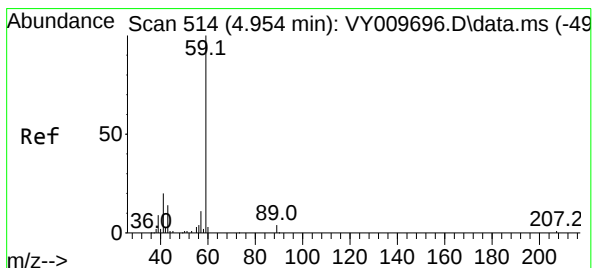
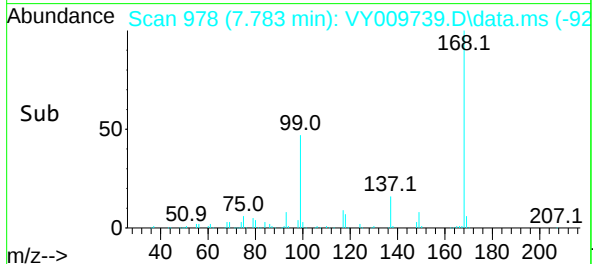
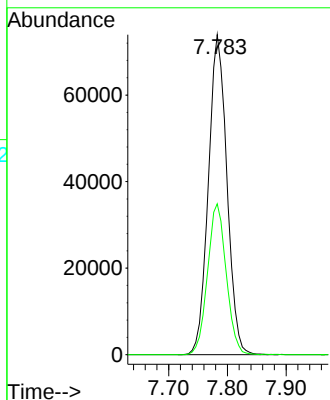
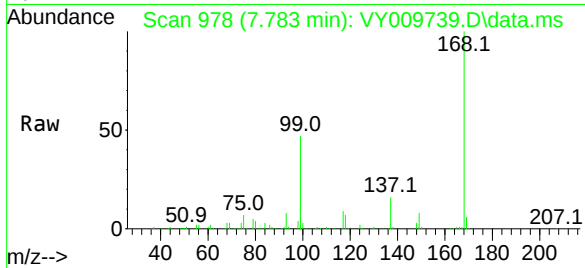




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

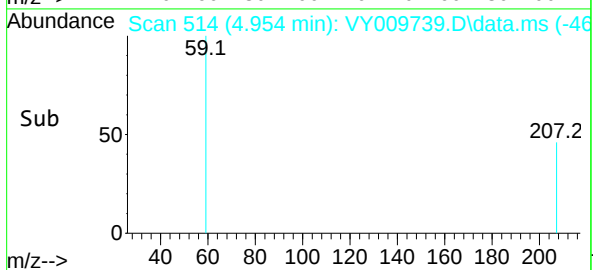
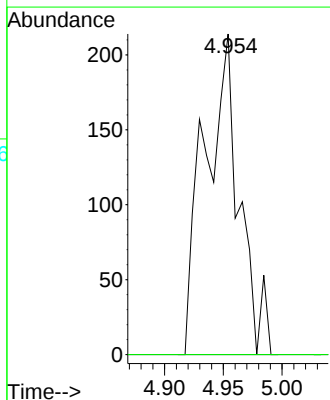
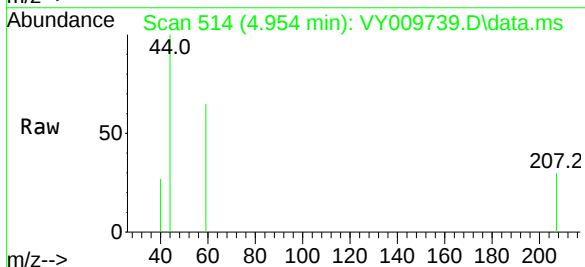
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

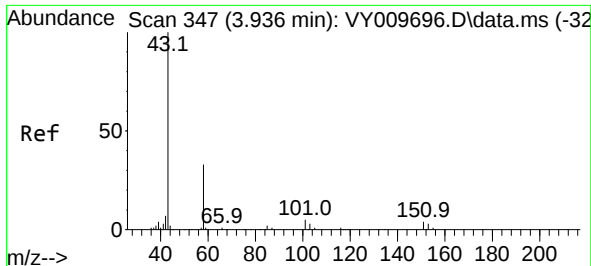
Tgt Ion:168 Resp: 162072
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.945 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

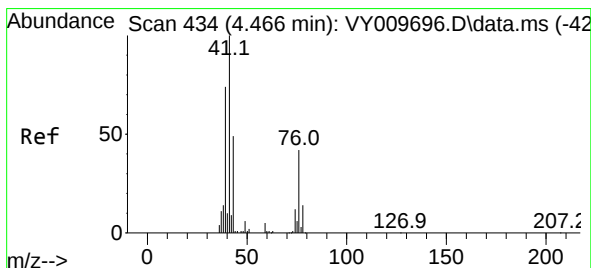
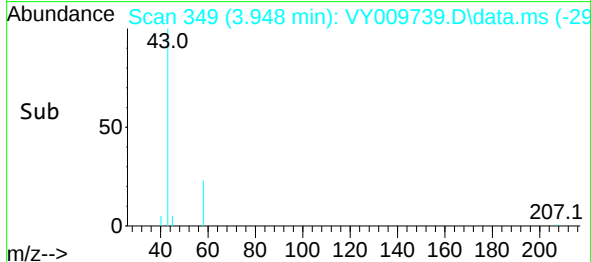
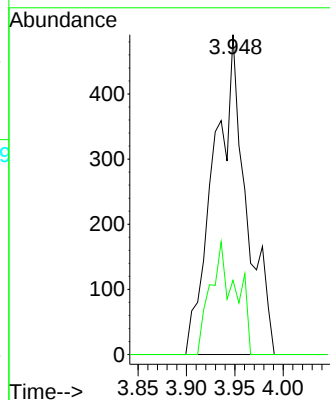
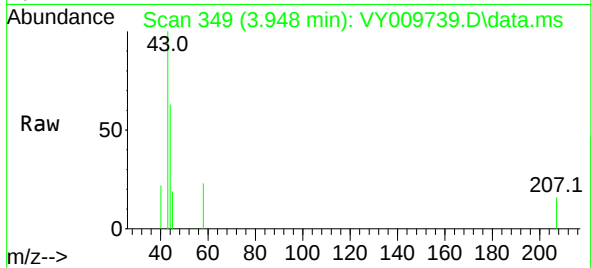




#16
Acetone
Concen: 2.947 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

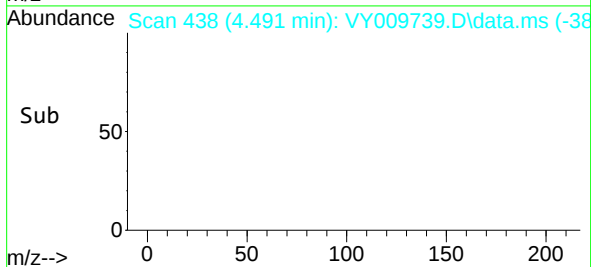
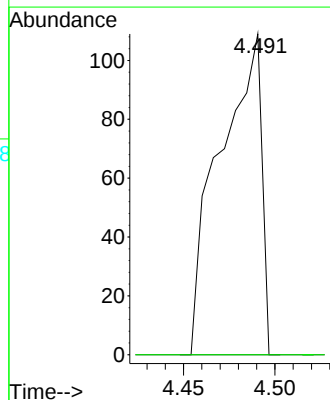
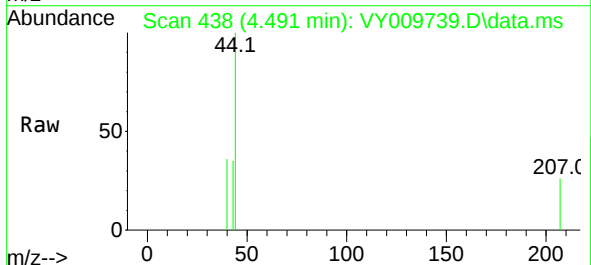
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

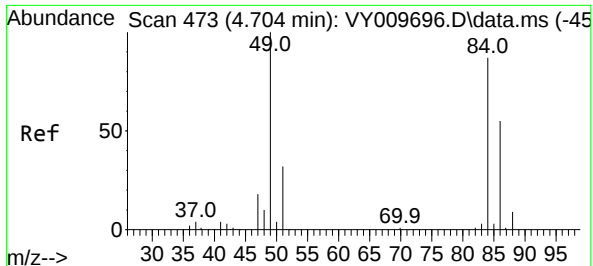
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 23.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

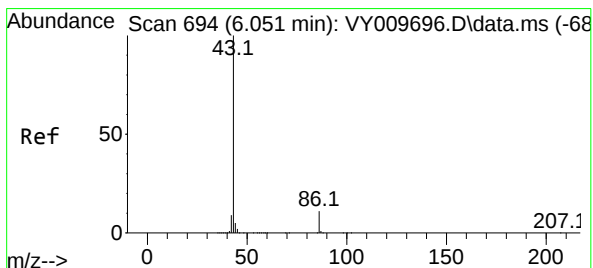
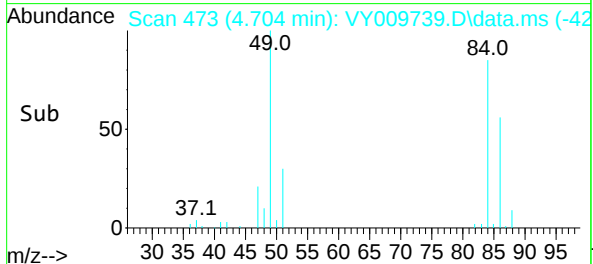
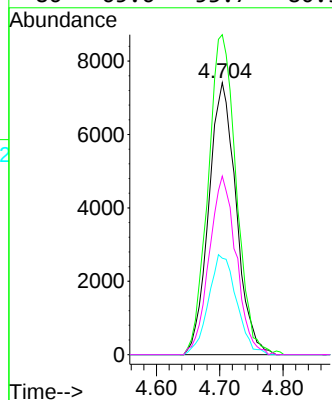
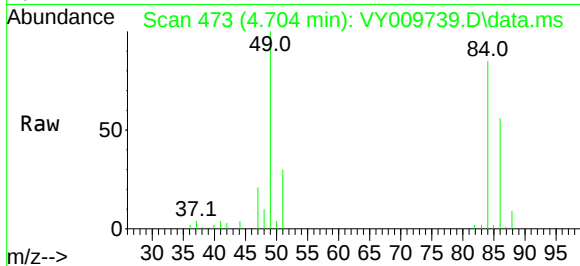




#20
Methylene Chloride
Concen: 2.880 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

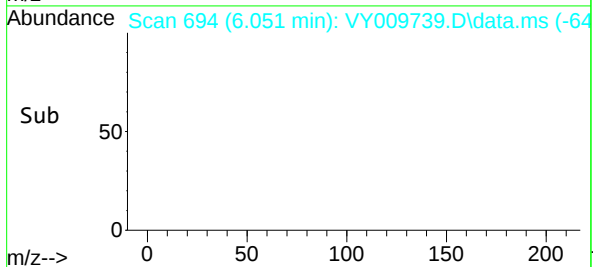
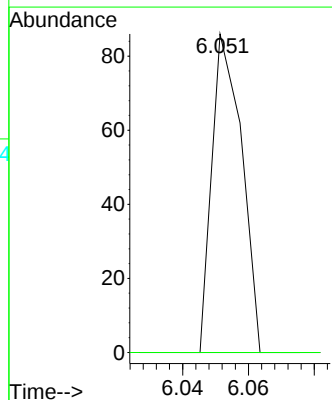
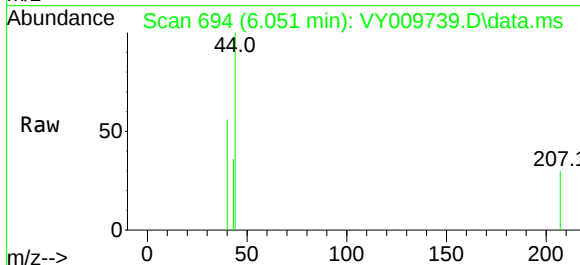
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

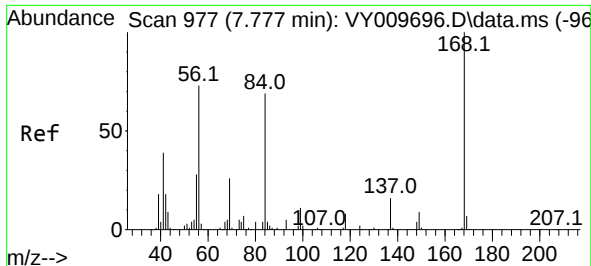
Tgt Ion:	84	Resp:	22333
Ion	Ratio	Lower	Upper
84	100		
49	117.6	114.4	171.6
51	35.4	35.3	52.9
86	65.6	53.7	80.5



#23
Vinyl Acetate
Concen: 7.490 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

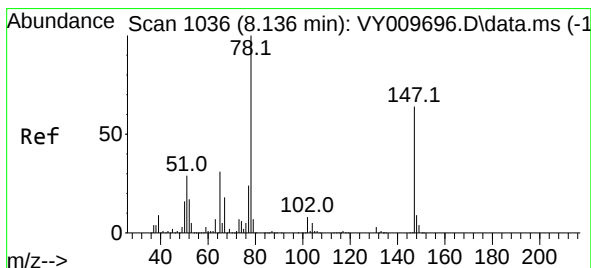
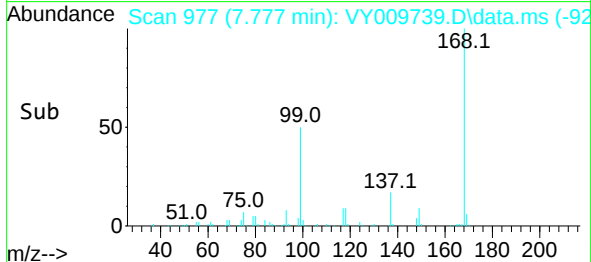
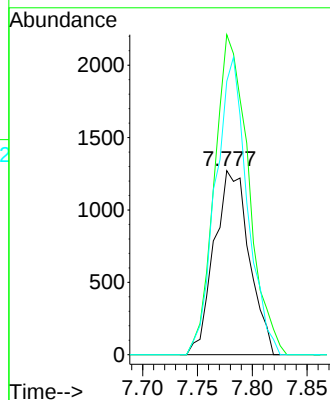
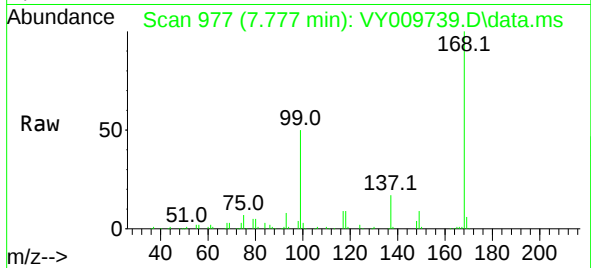




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

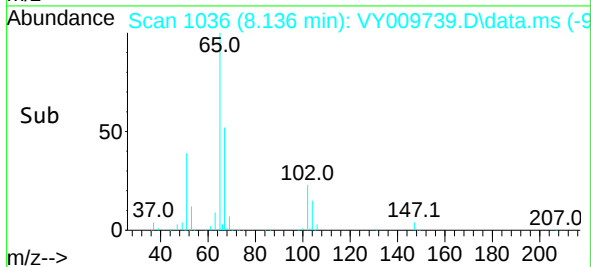
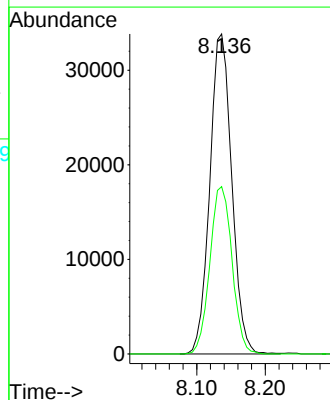
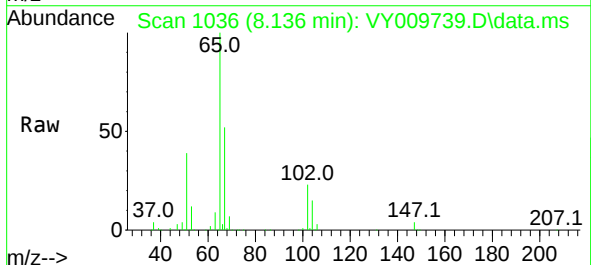
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

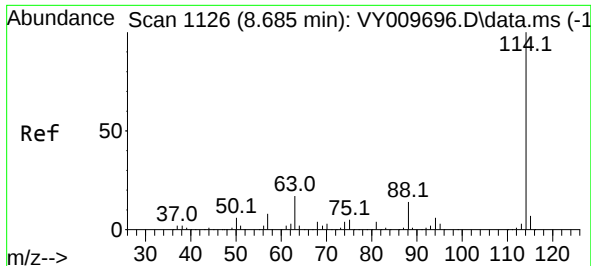
Tgt Ion: 56 Resp: 2826
Ion Ratio Lower Upper
56 100
69 173.8 26.7 40.1#
84 148.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 72.013 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 65 Resp: 75233
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009739.D

Acq: 28 Jul 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBL01

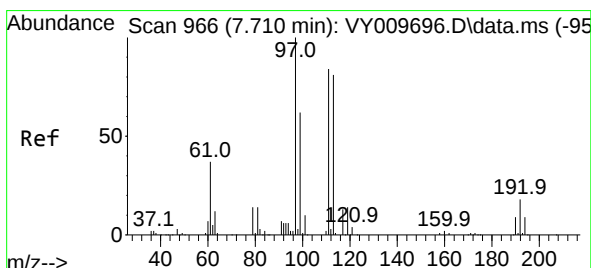
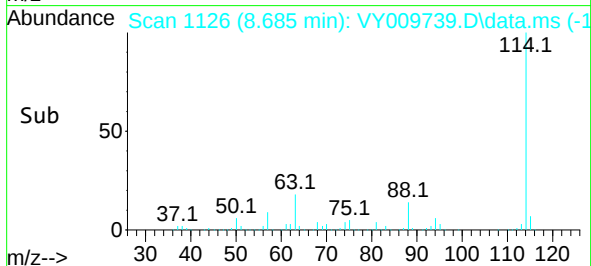
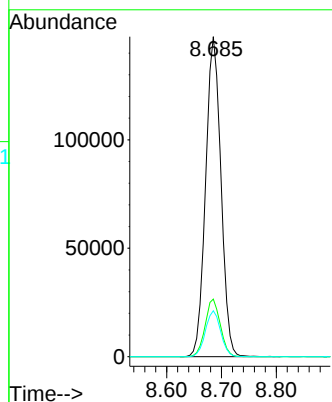
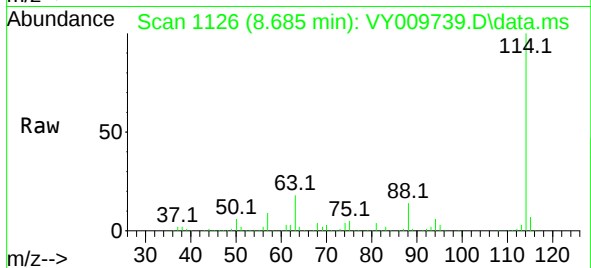
Tgt Ion:114 Resp: 285278

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.976 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009739.D

Acq: 28 Jul 2022 10:25

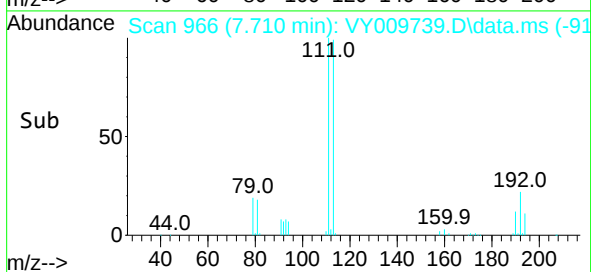
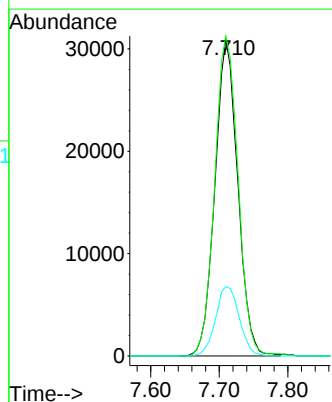
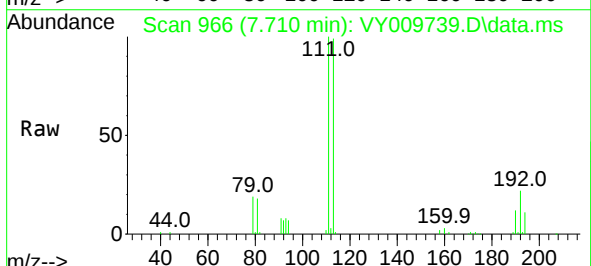
Tgt Ion:113 Resp: 71334

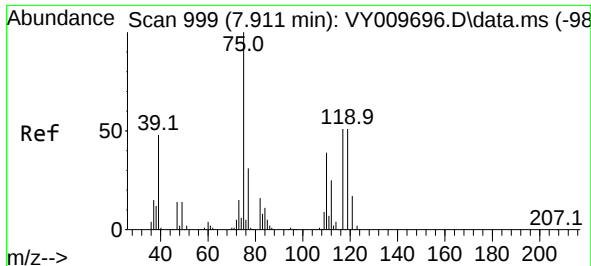
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 22.8 17.6 26.4

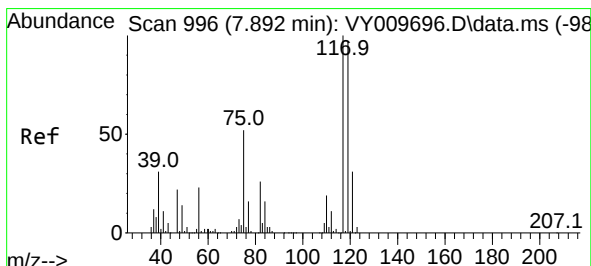
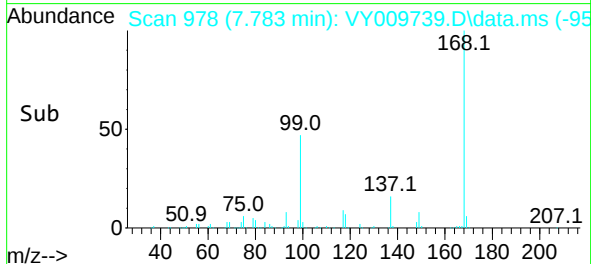
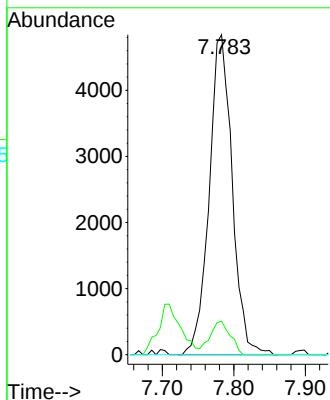
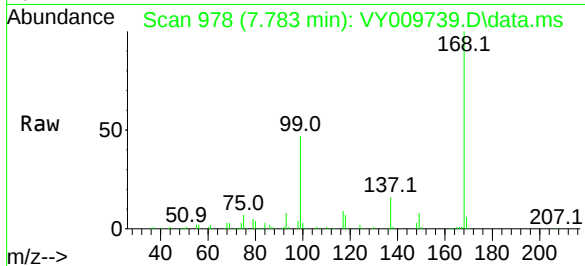




#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

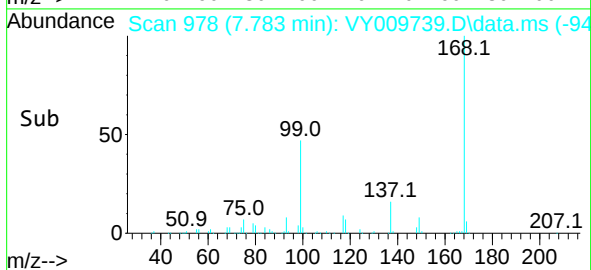
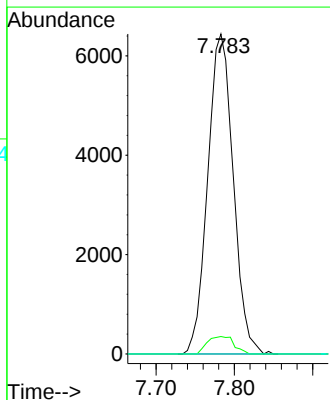
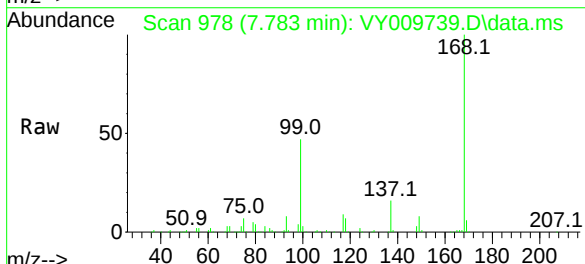
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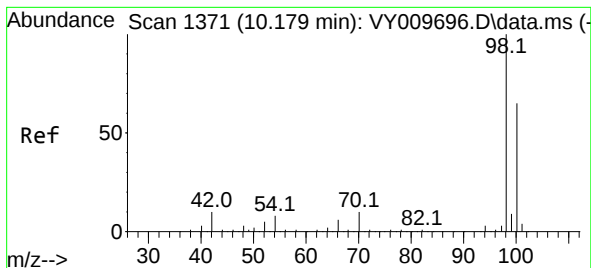
Tgt Ion: 75 Resp: 10804
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 117 Resp: 14587
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

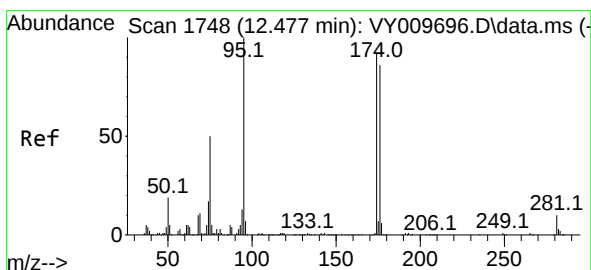
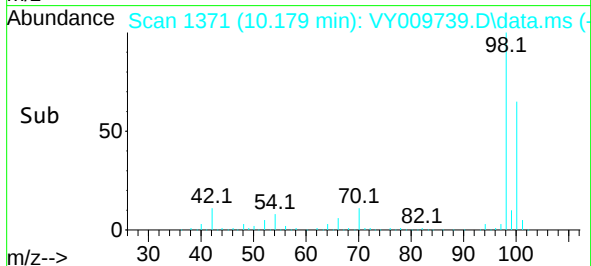
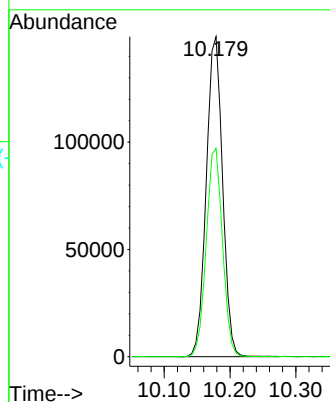
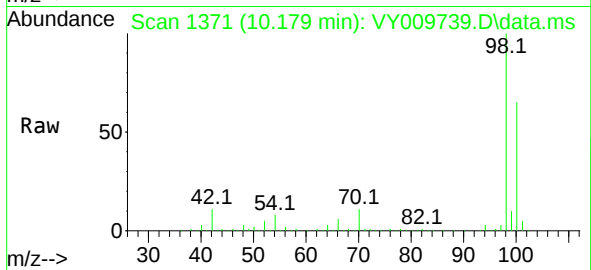




#50
Toluene-d8
Concen: 57.488 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

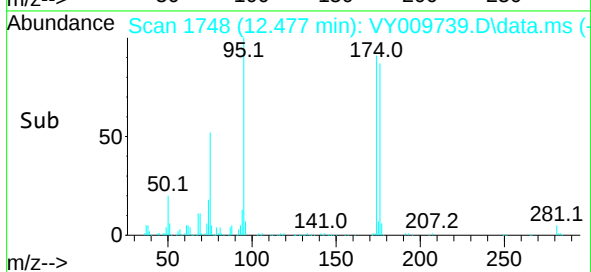
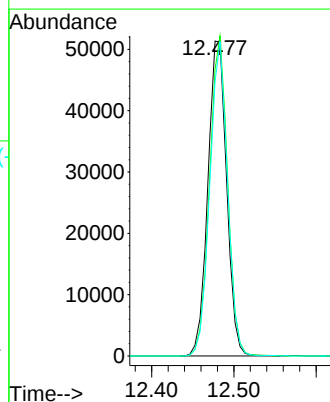
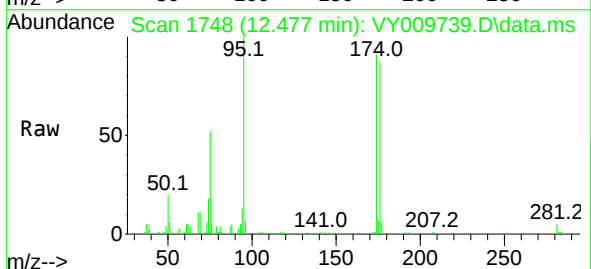
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

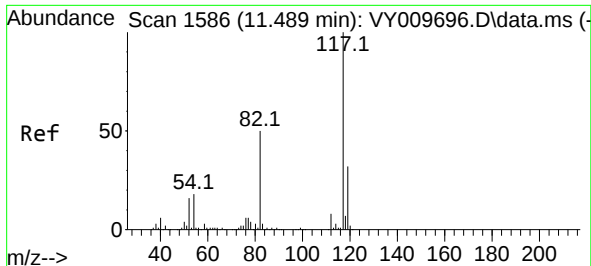
Tgt Ion: 98 Resp: 256900
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.586 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 95 Resp: 81442
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 94.0 0.0 175.8

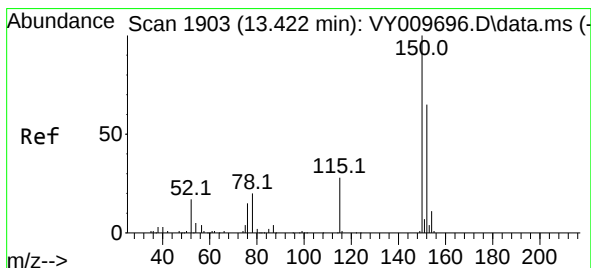
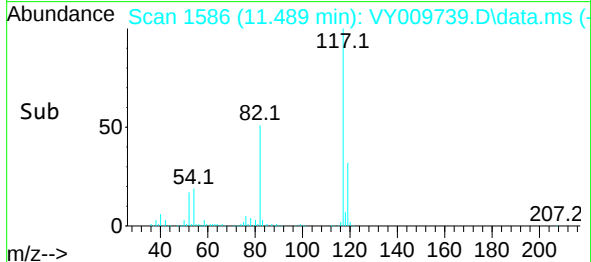
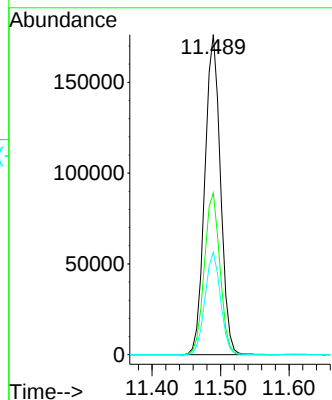
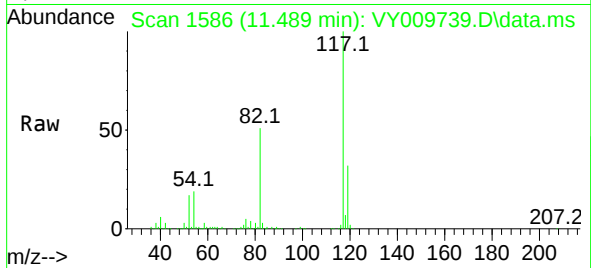




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

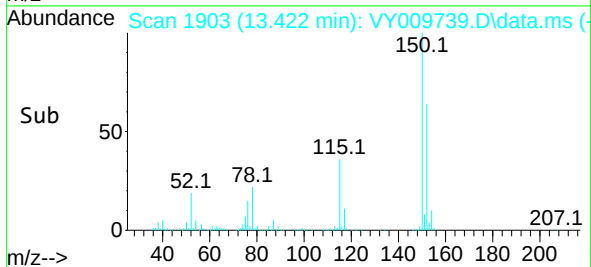
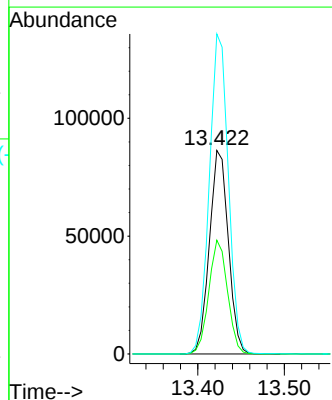
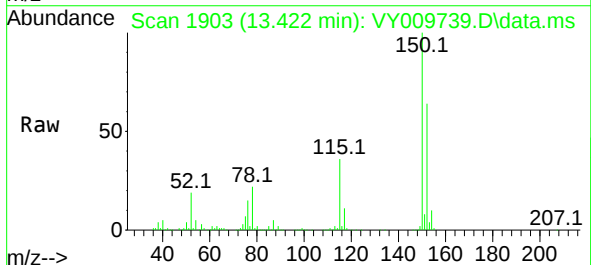
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

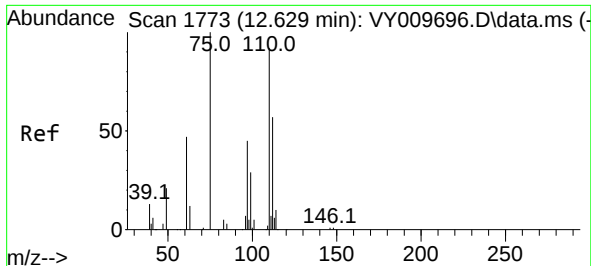
Tgt Ion:117 Resp: 280006
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion:152 Resp: 131250
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 157.9 0.0 347.6

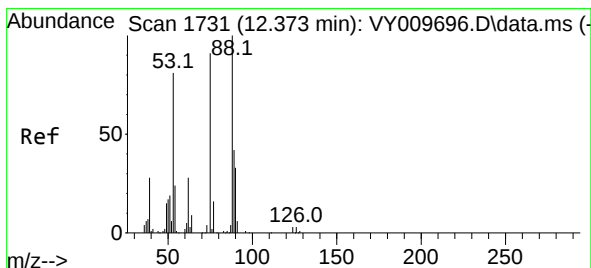
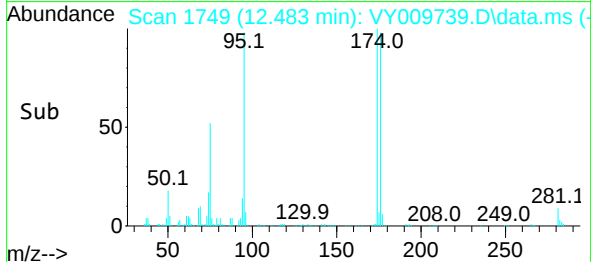
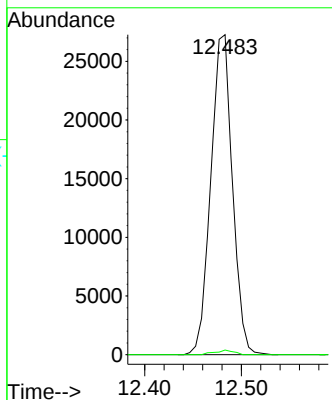
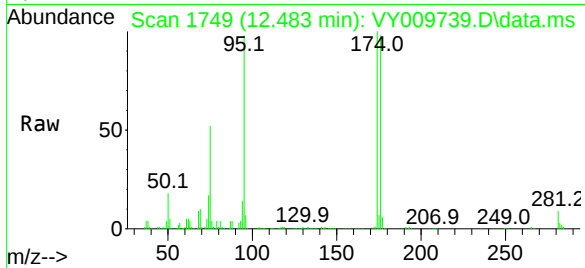




#76
1,2,3-Trichloropropane
Concen: 34.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBL01

Tgt Ion: 75 Resp: 42304
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009739.D
Acq: 28 Jul 2022 10:25

Tgt Ion: 75 Resp: 42304
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

