

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009746.D
 Acq On : 28 Jul 2022 13:17
 Operator : KP/MD
 Sample : N3894-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-28

Quant Time: Jul 29 02:56:11 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)

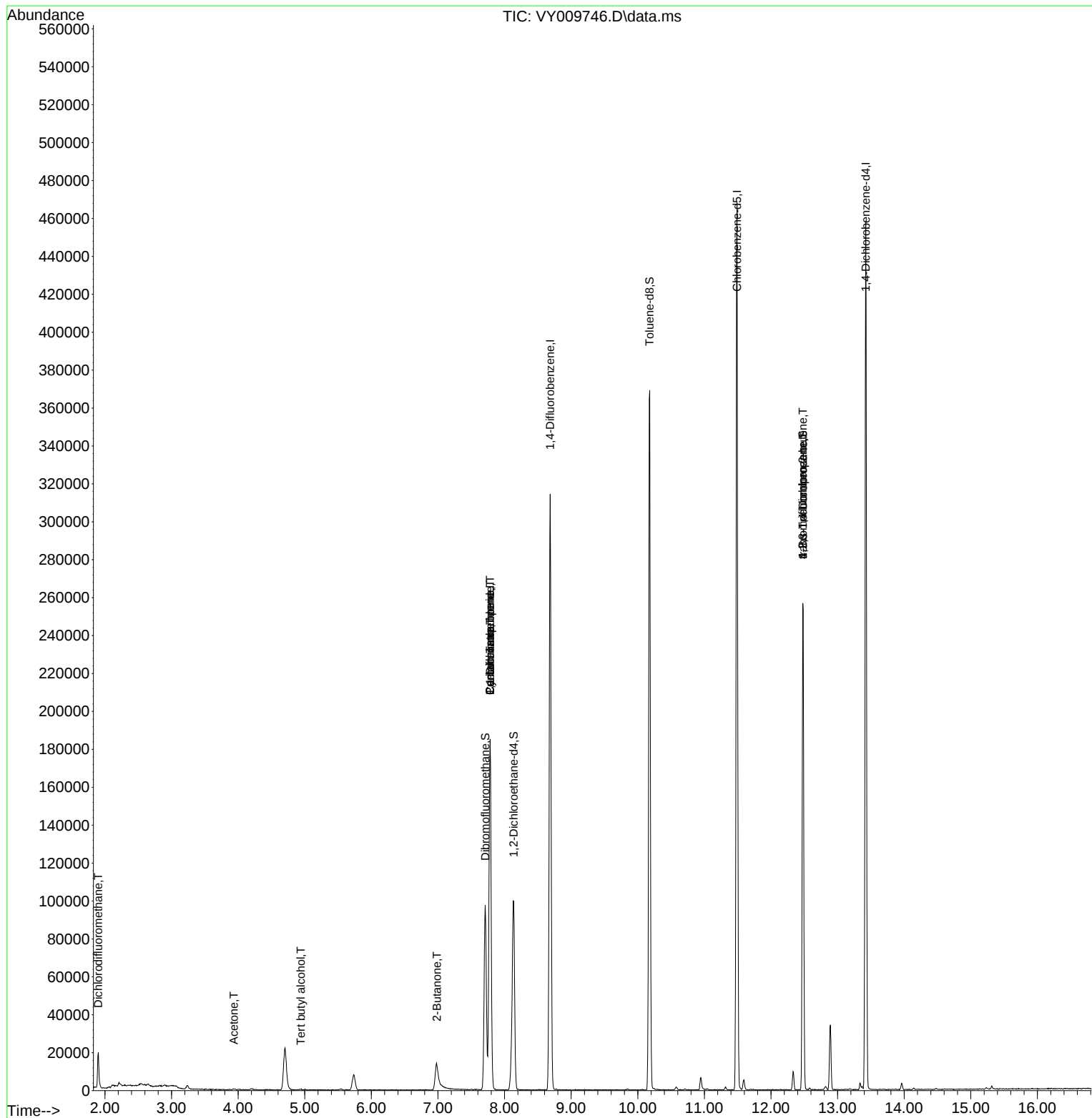
Internal Standards						
1) Pentafluorobenzene	7.783	168	154289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	276313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73423	73.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.940%	
35) Dibromofluoromethane	7.710	113	68317	45.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.920%	
50) Toluene-d8	10.179	98	245341	56.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 113.240%	
62) 4-Bromofluorobenzene	12.477	95	74473	37.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 74.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14461	10.528	ug/l	89
11) Tert butyl alcohol	4.942	59	552	2.831	ug/l #	77
16) Acetone	3.936	43	774	2.098	ug/l #	89
18) Methyl Acetate	4.479	43	211	Below Cal	#	56
20) Methylene Chloride	4.704	84	16580	Below Cal		91
25) 2-Butanone	6.984	43	902	1.657	ug/l #	54
31) Cyclohexane	7.783	56	2884	1.175	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	11000	4.498	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13893	5.302	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	38374	33.751	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38374	67.275	ug/l #	7

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

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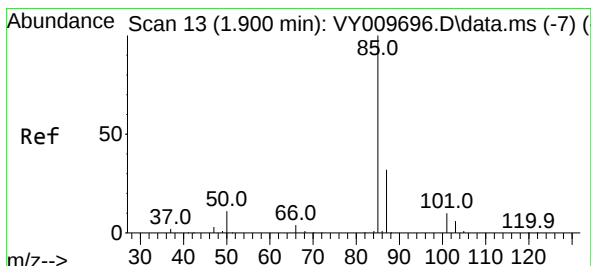
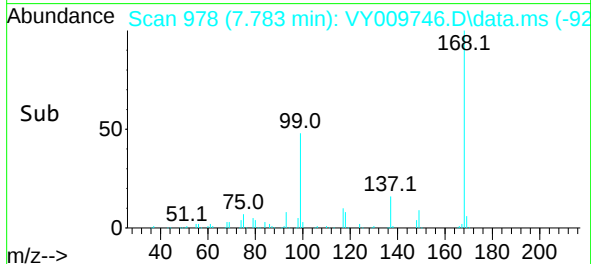
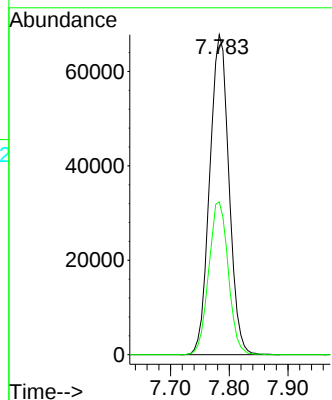
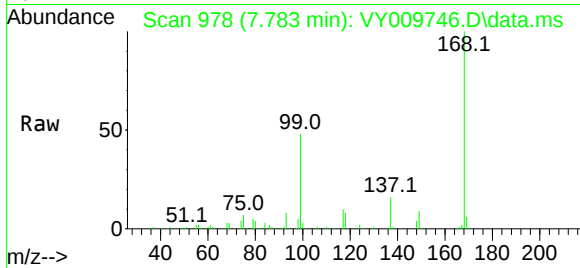




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

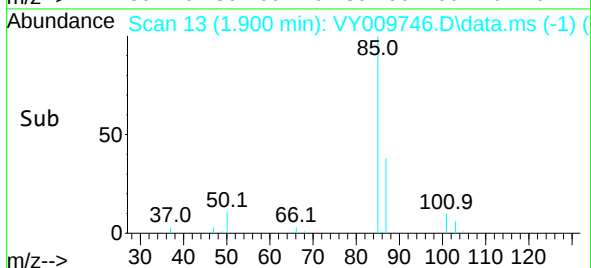
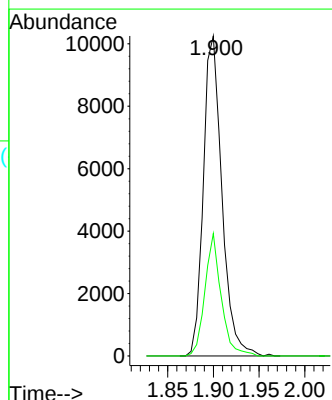
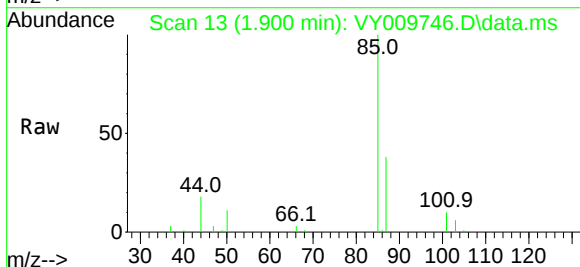
Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

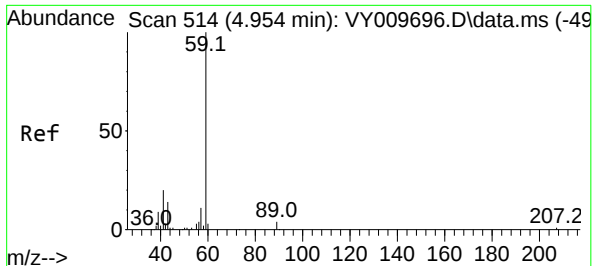
Tgt Ion:168 Resp: 154289
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 10.528 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 85 Resp: 14461
Ion Ratio Lower Upper
85 100
87 38.2 16.1 48.2

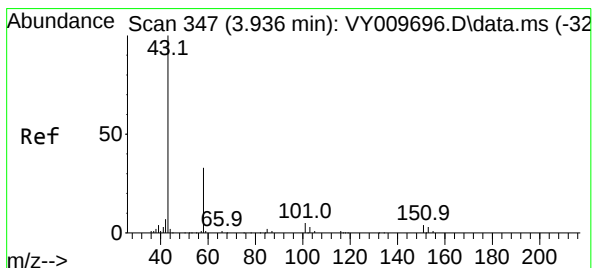
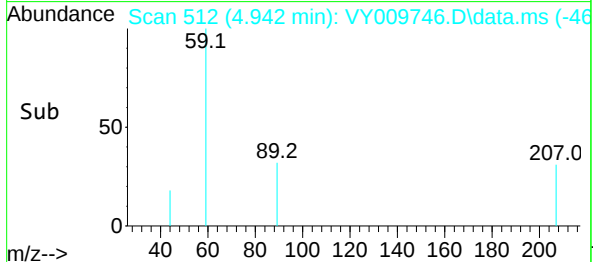
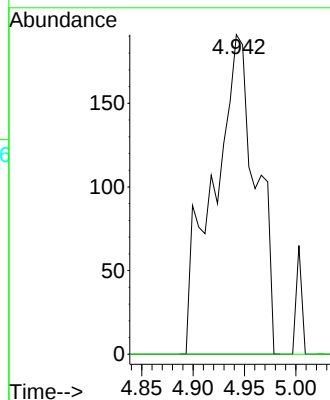
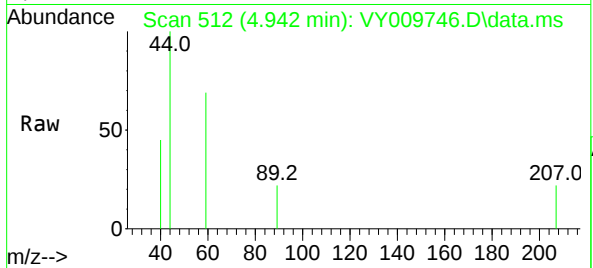




#11
Tert butyl alcohol
Concen: 2.831 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

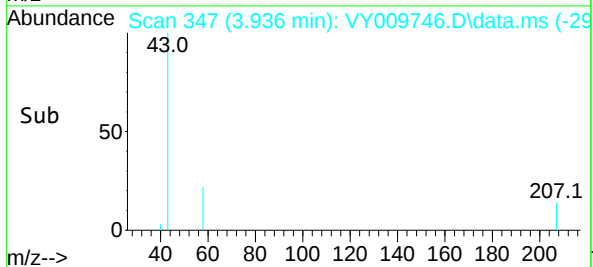
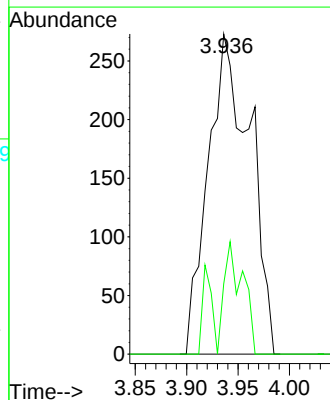
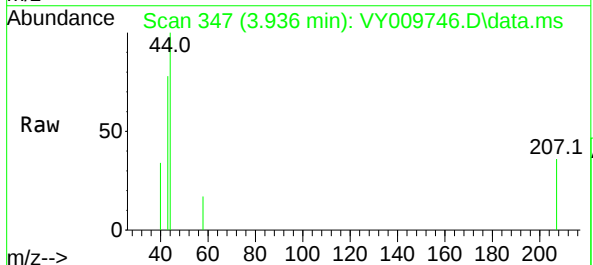
Instrument :
MSVOA_Y
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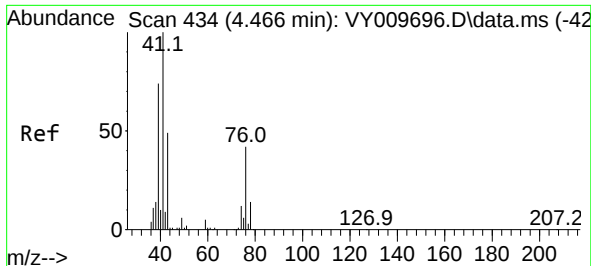
Tgt Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.098 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 22.0 22.0 33.0#

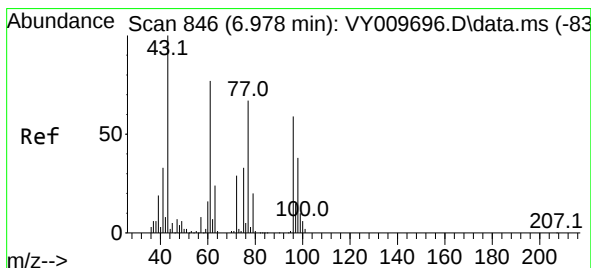
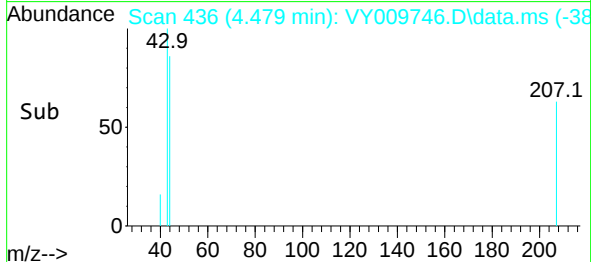
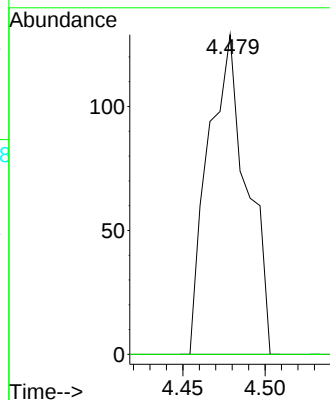
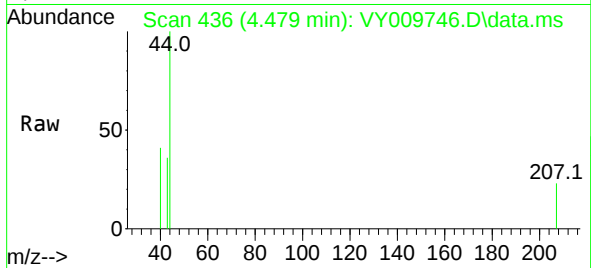




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

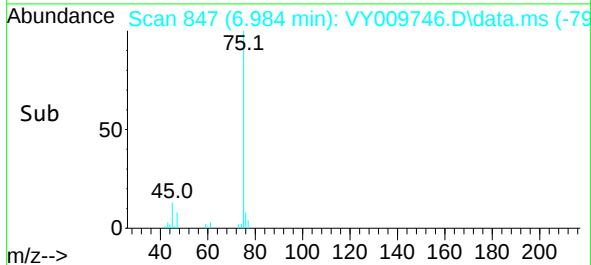
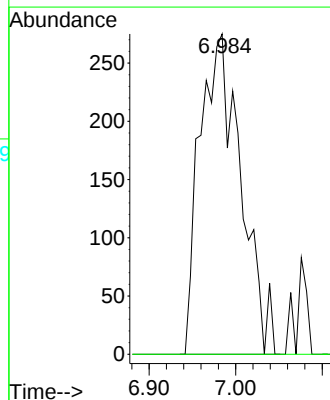
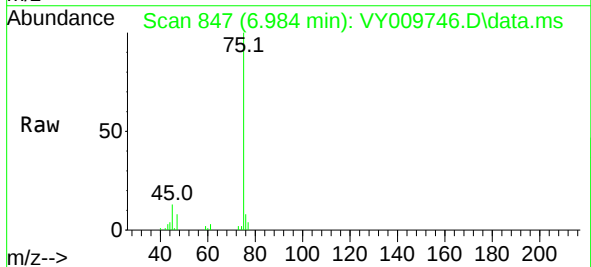
Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

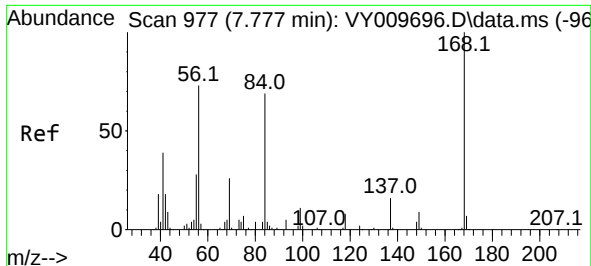
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.657 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

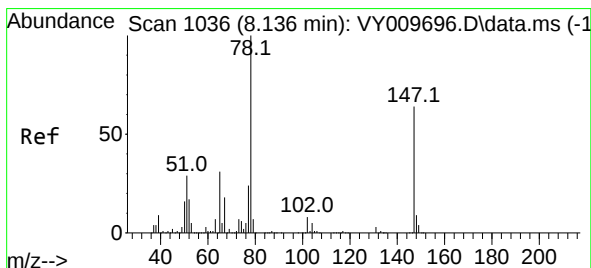
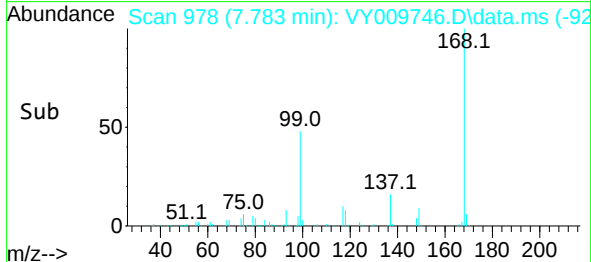
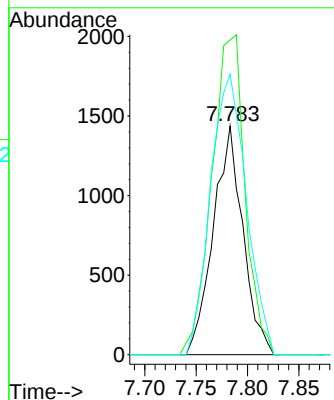
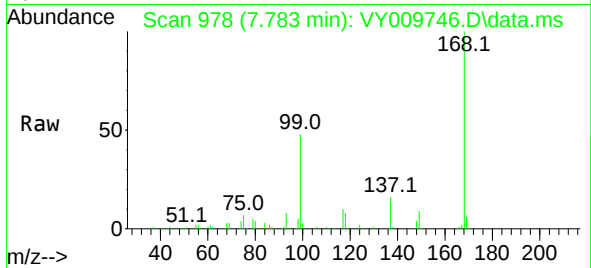




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

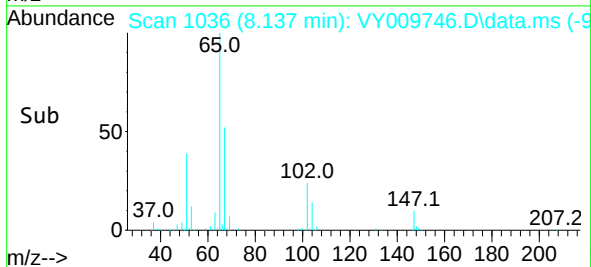
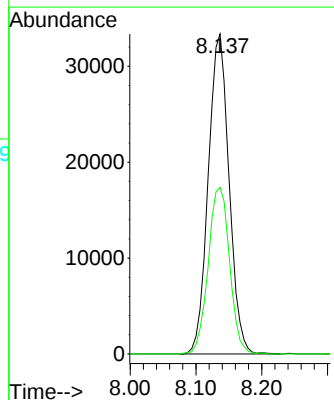
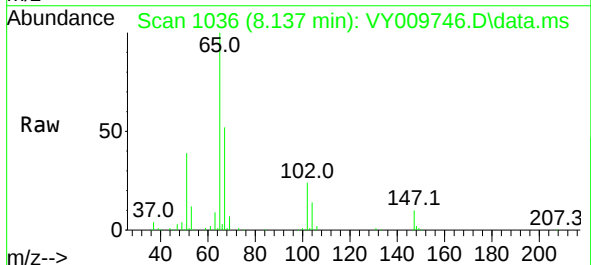
Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

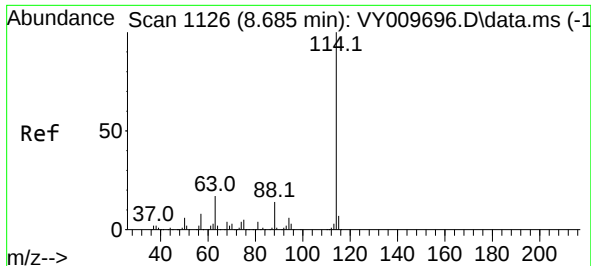
Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
69 137.6 26.7 40.1#
84 122.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 73.970 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 65 Resp: 73423
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

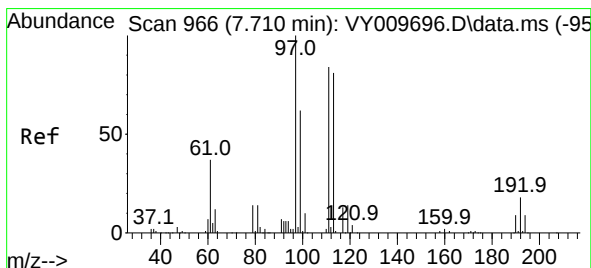
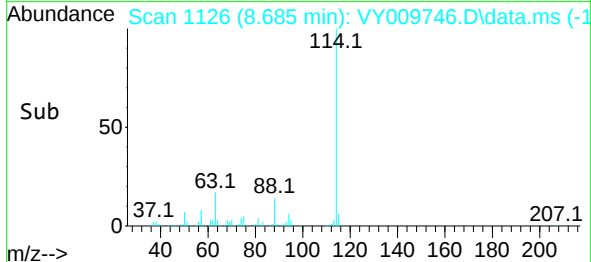
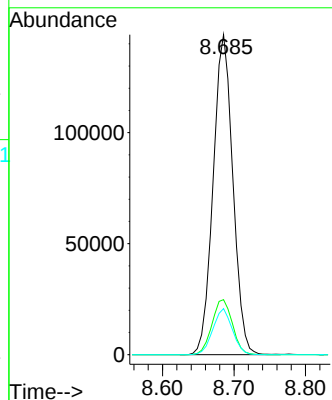
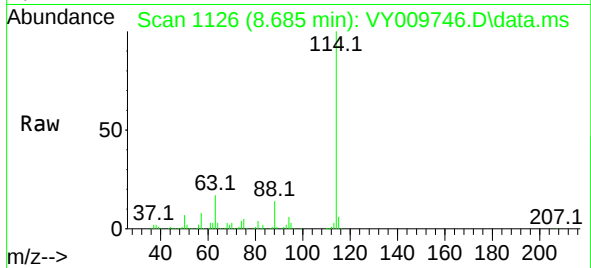




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

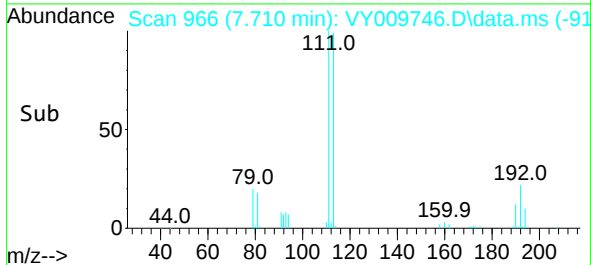
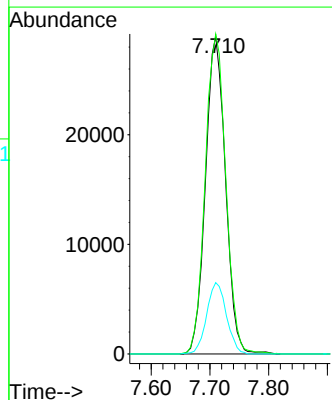
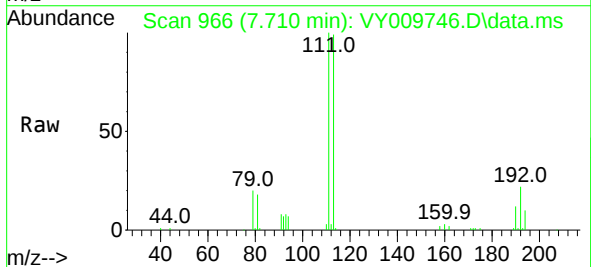
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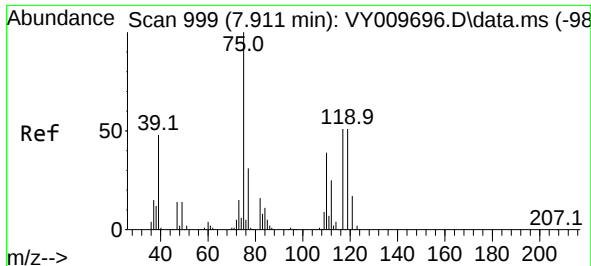
Tgt Ion:114 Resp: 276313
Ion Ratio Lower Upper
114 100
63 17.2 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.460 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion:113 Resp: 68317
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 22.3 17.6 26.4

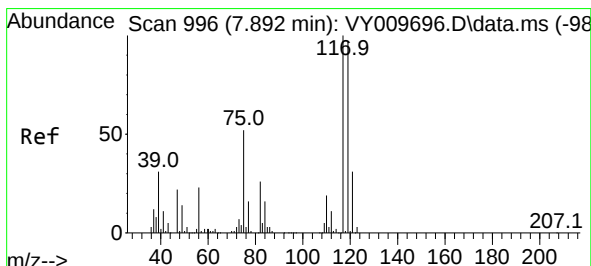
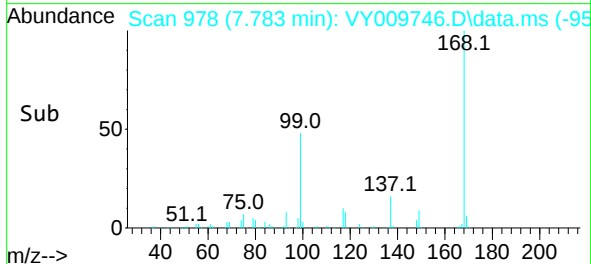
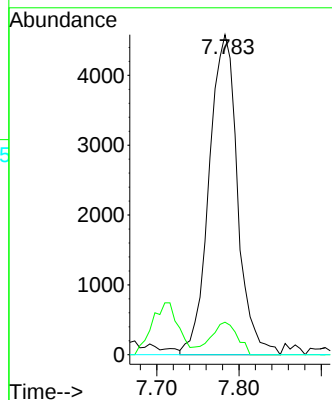
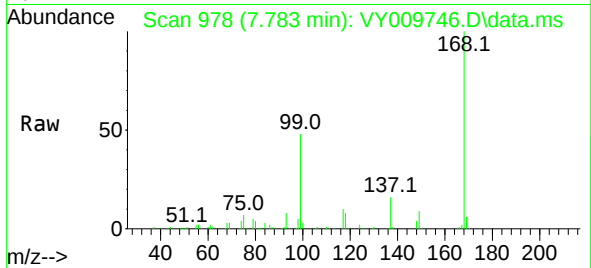




#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

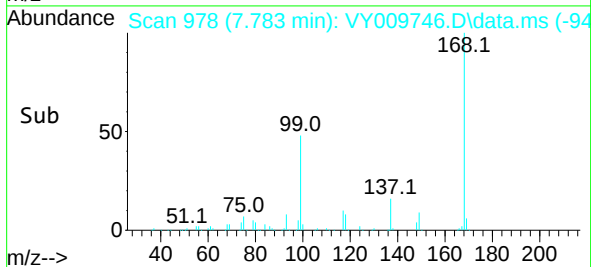
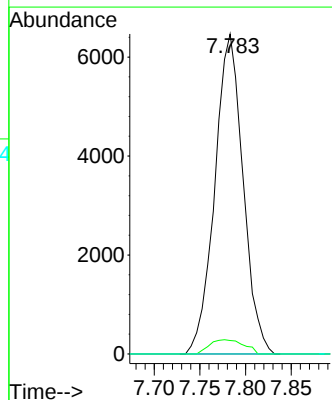
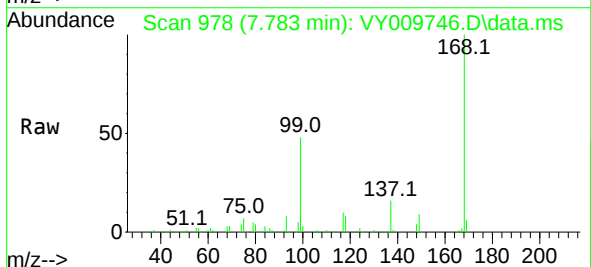
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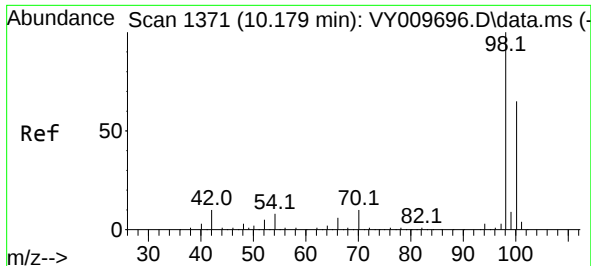
Tgt Ion: 75 Resp: 11000
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 117 Resp: 13893
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#

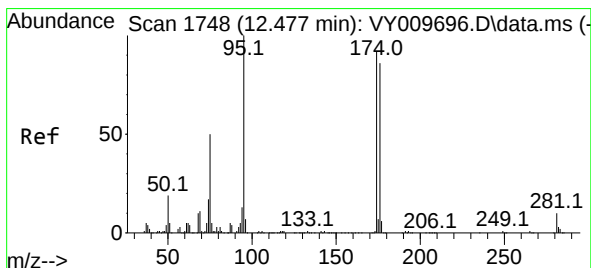
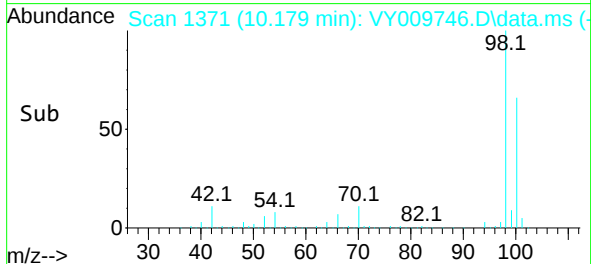
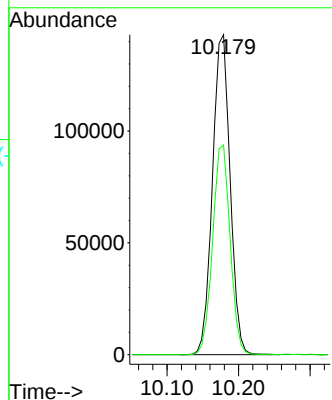
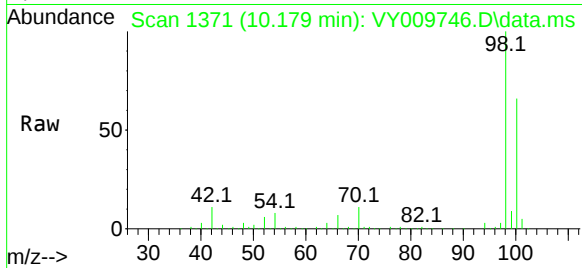




#50
Toluene-d8
Concen: 56.618 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

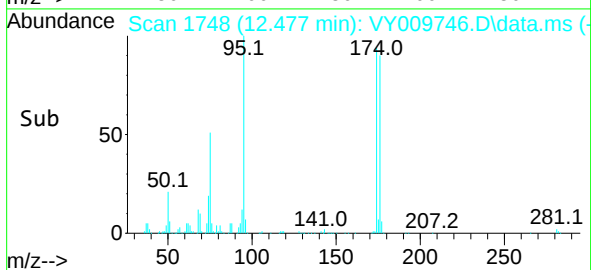
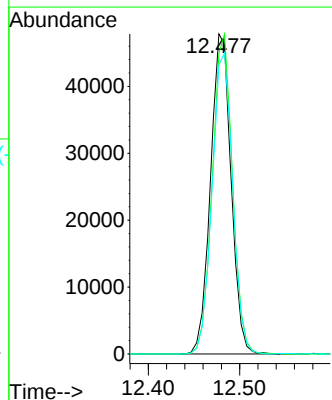
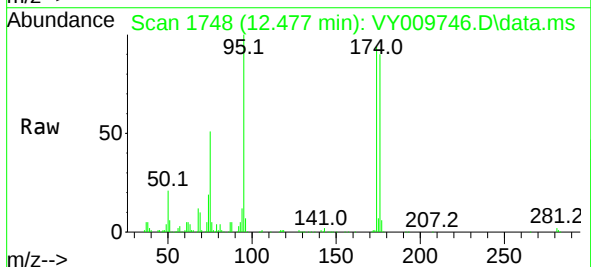
Instrument :
MSVOA_Y
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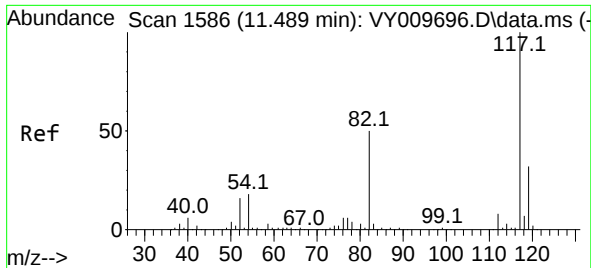
Tgt Ion: 98 Resp: 245341
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.373 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 95 Resp: 74473
Ion Ratio Lower Upper
95 100
174 98.3 0.0 177.0
176 94.2 0.0 175.8

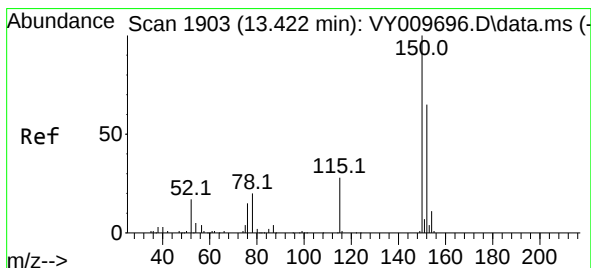
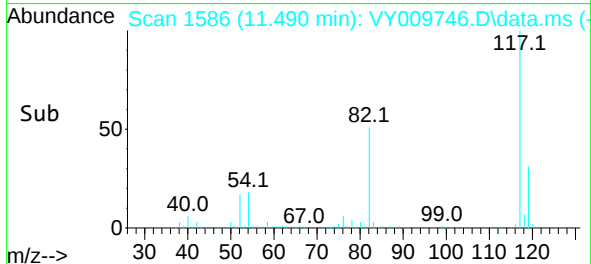
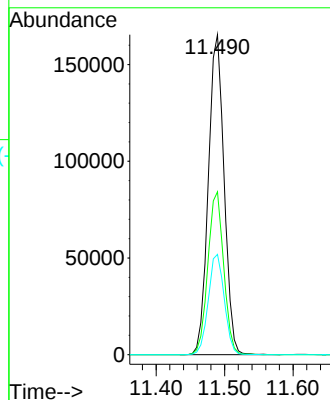
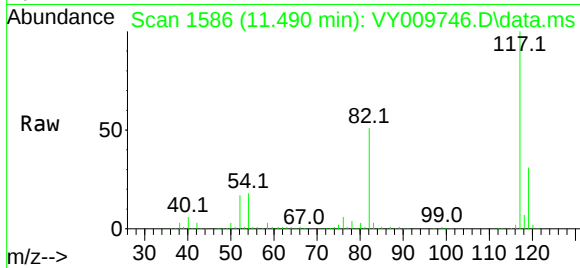




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

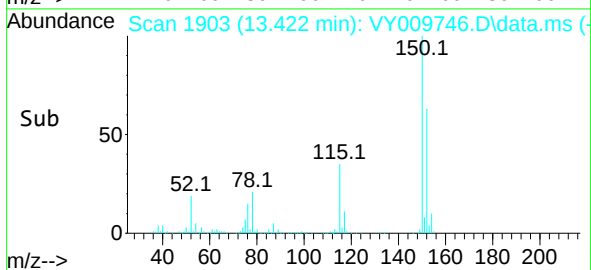
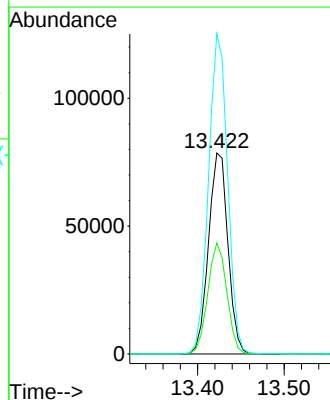
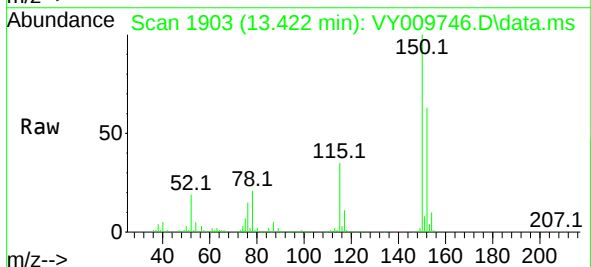
Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

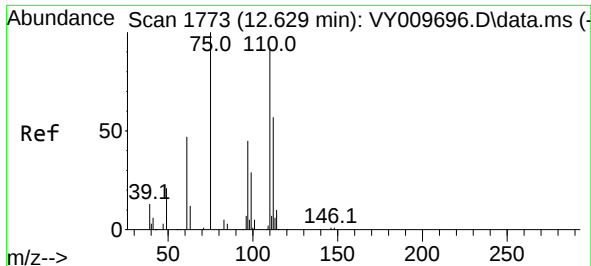
Tgt Ion:117 Resp: 264402
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion:152 Resp: 122407
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 156.5 0.0 347.6

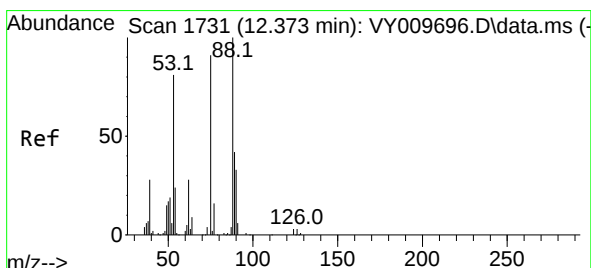
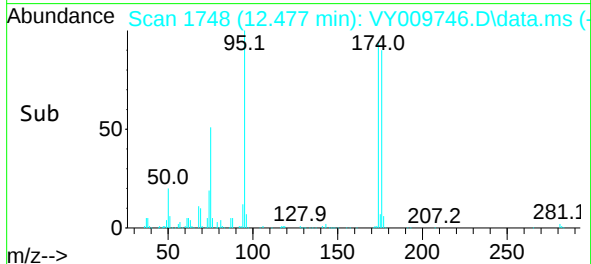
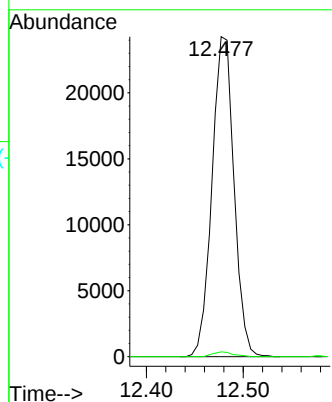
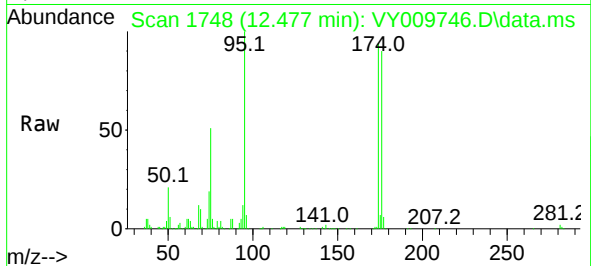




#76
1,2,3-Trichloropropane
Concen: 33.751 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :
RVE-28

Tgt Ion: 75 Resp: 38374
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009746.D
Acq: 28 Jul 2022 13:17

Tgt Ion: 75 Resp: 38374
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

