

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009745.D
 Acq On : 28 Jul 2022 12:53
 Operator : KP/MD
 Sample : N3894-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-24

Quant Time: Jul 29 02:55:59 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)

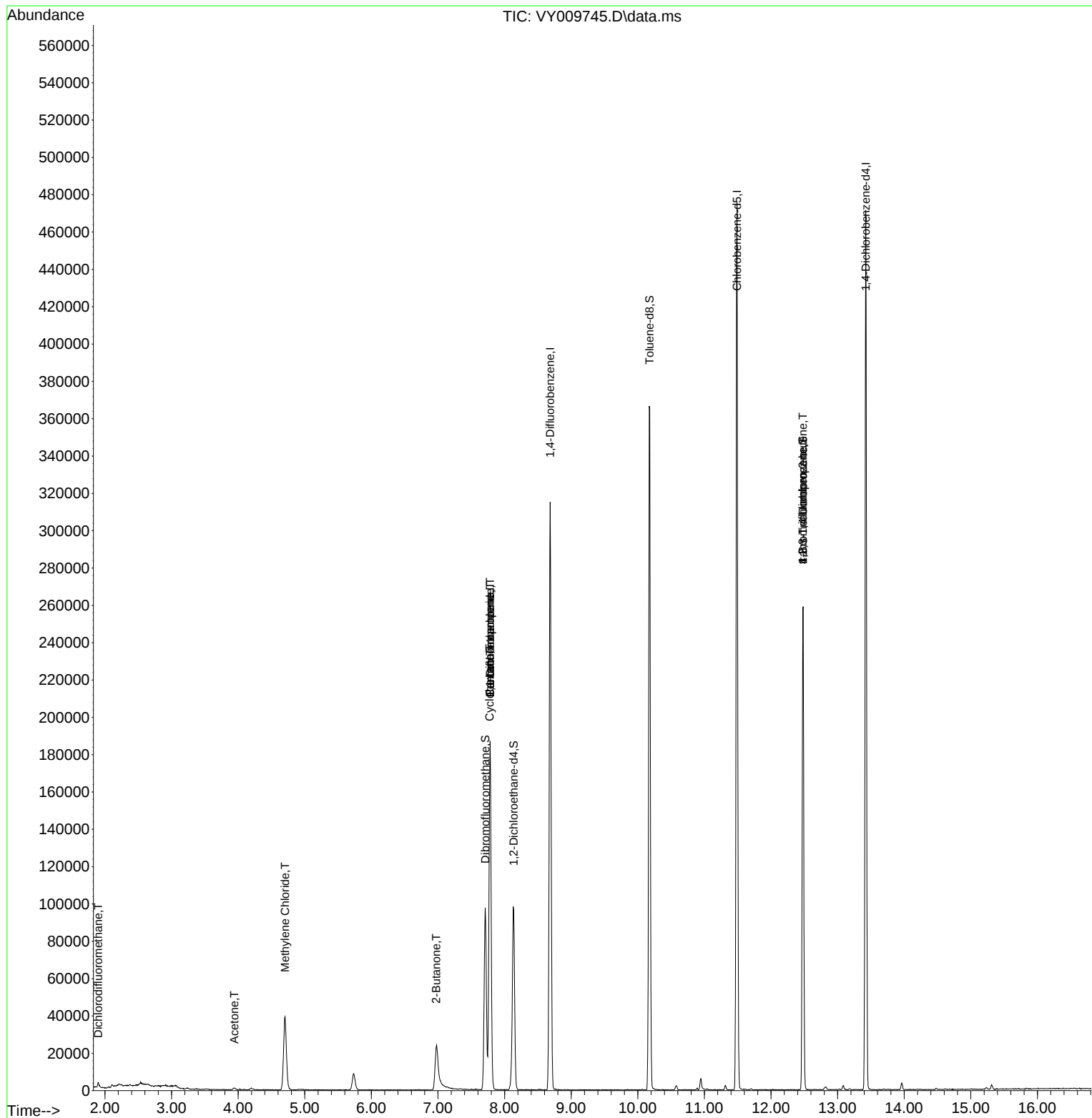
Internal Standards						
1) Pentafluorobenzene	7.783	168	153643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73044	73.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.780%	
35) Dibromofluoromethane	7.710	113	68136	45.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.240%	
50) Toluene-d8	10.179	98	243997	55.992	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 111.980%	
62) 4-Bromofluorobenzene	12.477	95	75032	37.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 74.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2321	1.697	ug/l	93
16) Acetone	3.942	43	1791	4.875	ug/l #	82
18) Methyl Acetate	4.466	43	176	Below Cal	#	56
20) Methylene Chloride	4.704	84	29012	8.394	ug/l #	82
25) 2-Butanone	6.972	43	1409	2.600	ug/l #	54
31) Cyclohexane	7.777	56	2719	1.112	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	10641	4.331	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13561	5.151	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39213	33.019	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39213	65.816	ug/l #	7

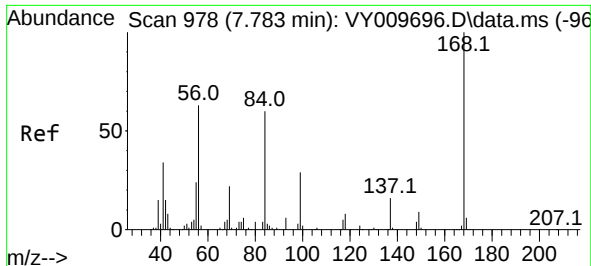
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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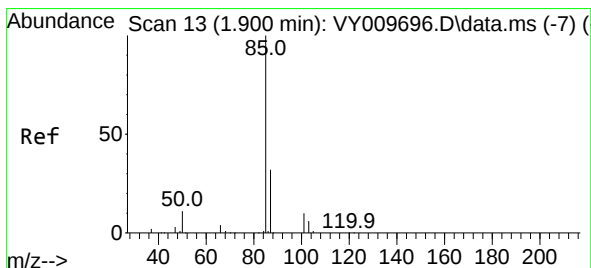
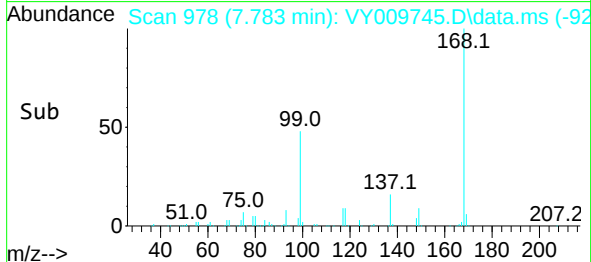
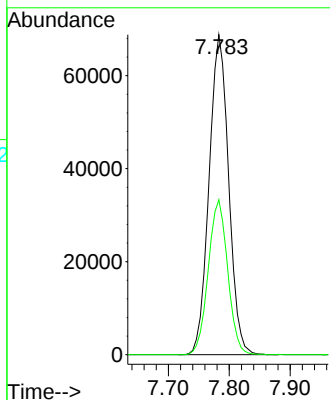
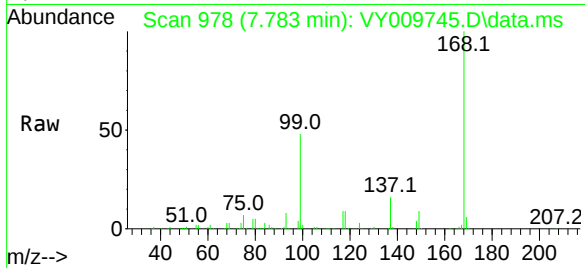




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

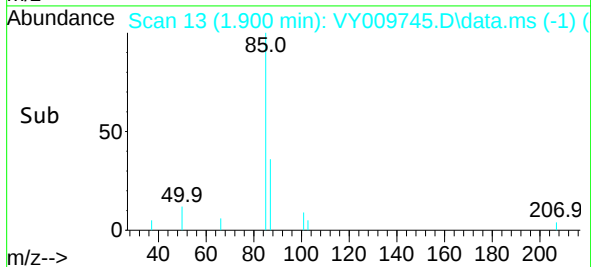
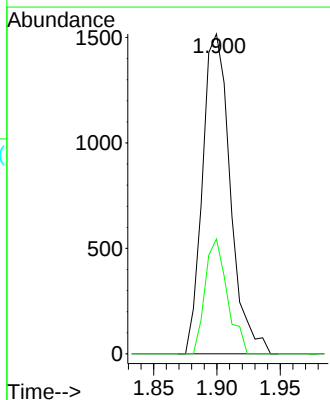
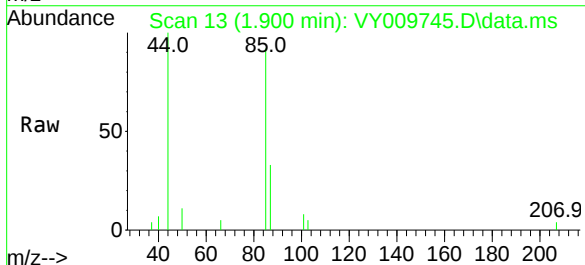
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

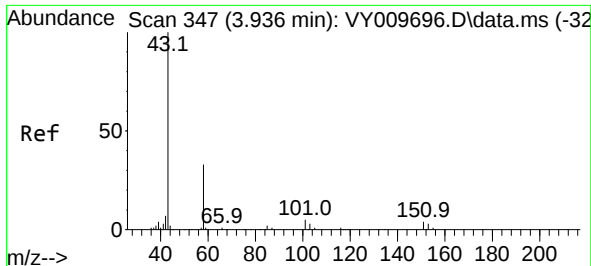
Tgt Ion:168 Resp: 153643
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.697 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 85 Resp: 2321
Ion Ratio Lower Upper
85 100
87 35.9 16.1 48.2

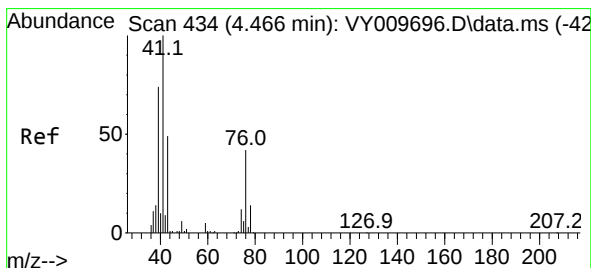
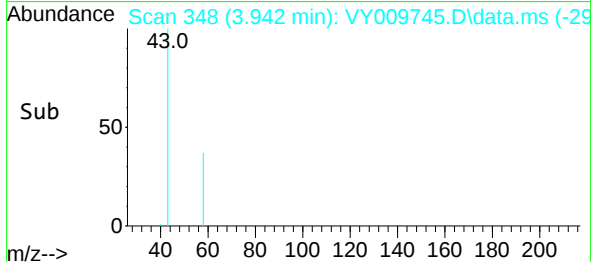
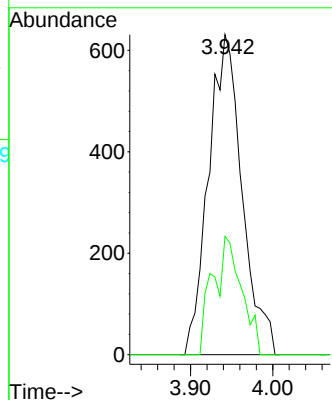
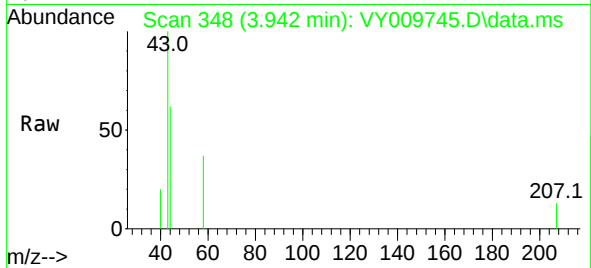




#16
Acetone
Concen: 4.875 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

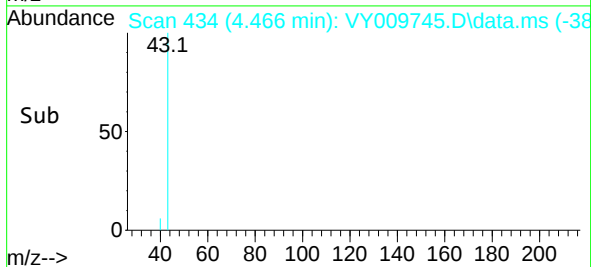
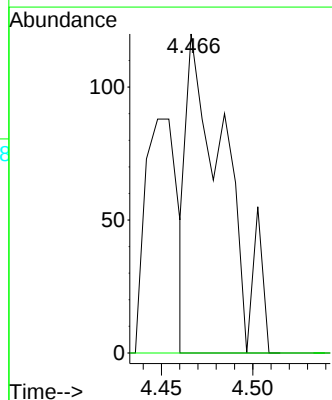
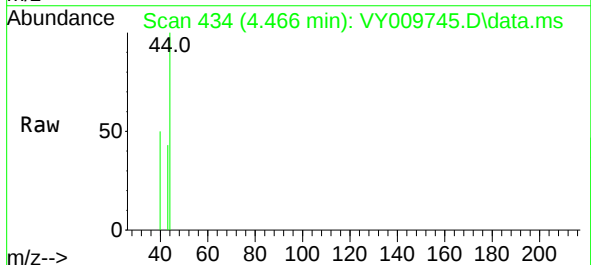
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

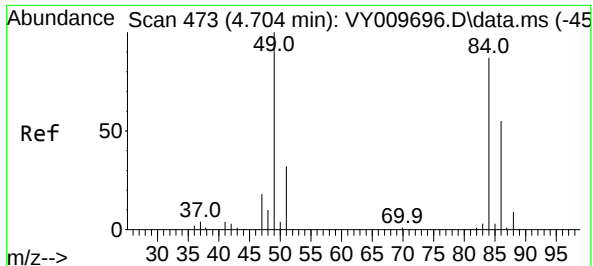
Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

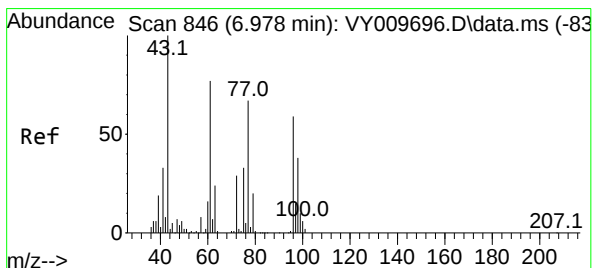
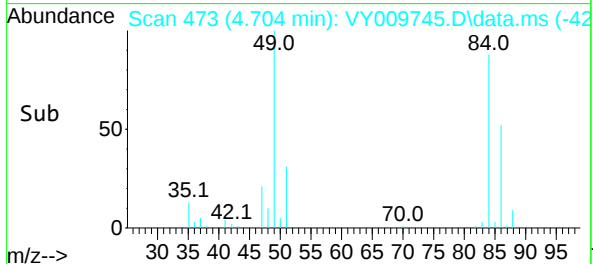
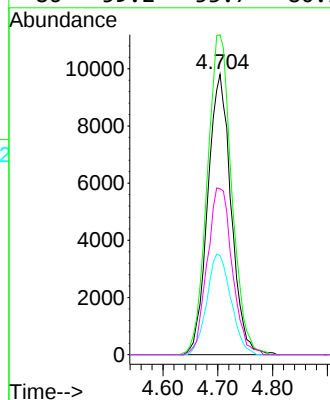
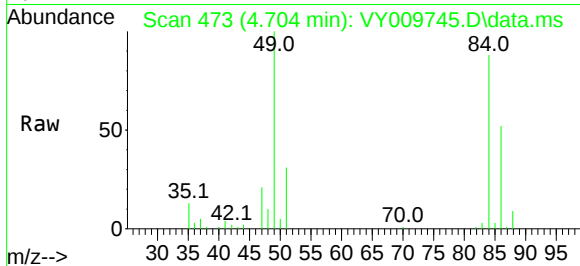




#20
Methylene Chloride
Concen: 8.394 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

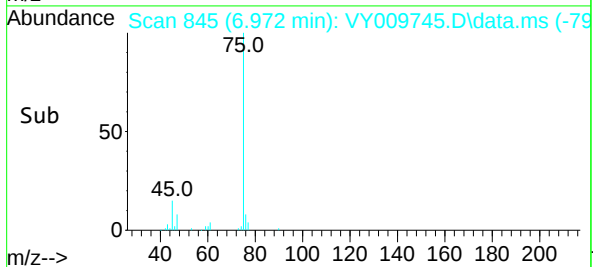
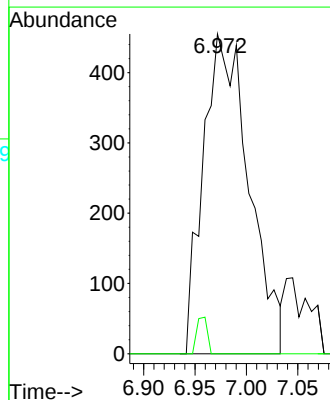
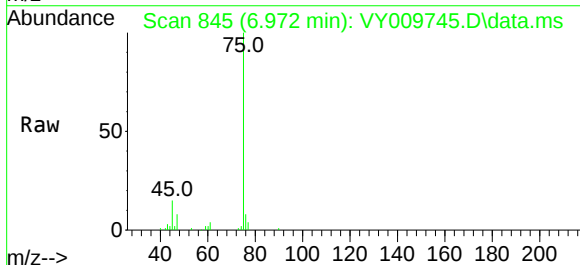
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

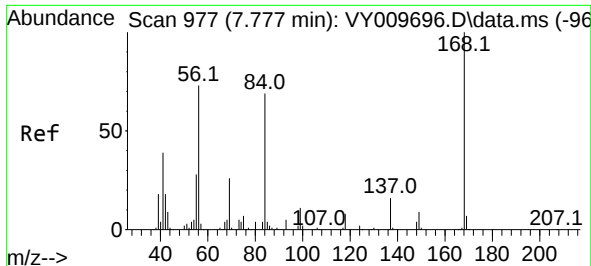
Tgt Ion:	84	Resp:	29012
Ion	Ratio	Lower	Upper
84	100		
49	114.1	114.4	171.6#
51	35.3	35.3	52.9
86	59.2	53.7	80.5



#25
2-Butanone
Concen: 2.600 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

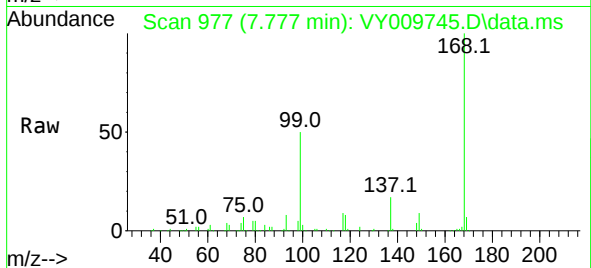
Tgt Ion:	43	Resp:	1409
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



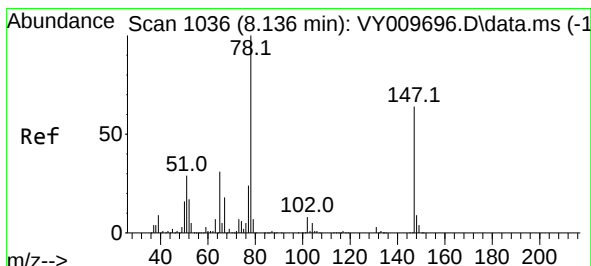
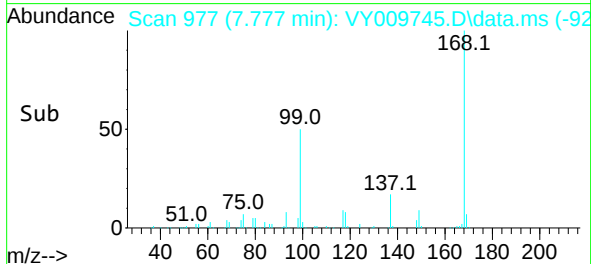
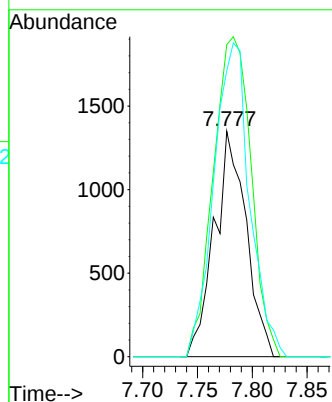


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

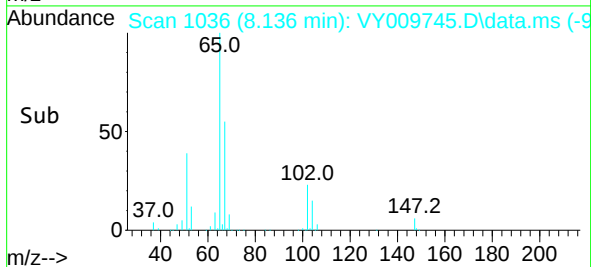
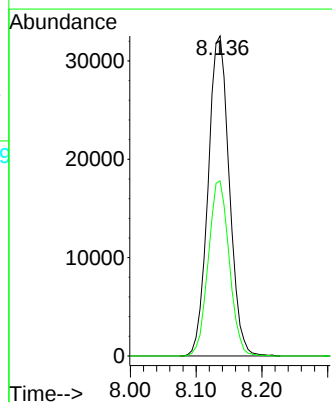
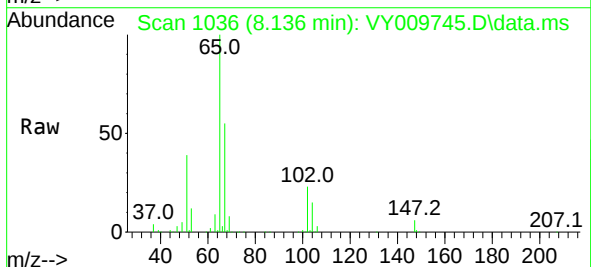


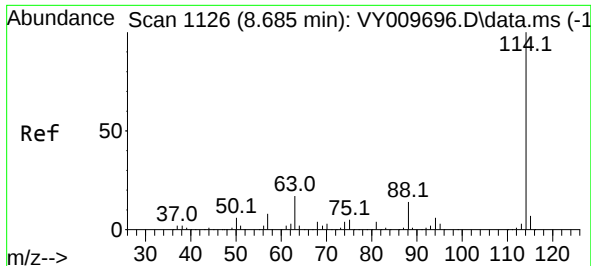
Tgt Ion: 56 Resp: 2719
Ion Ratio Lower Upper
56 100
69 138.4 26.7 40.1#
84 126.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 73.892 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 65 Resp: 73044
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

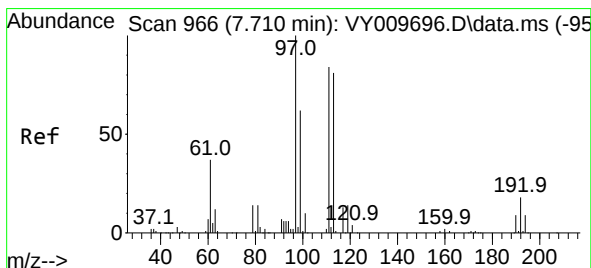
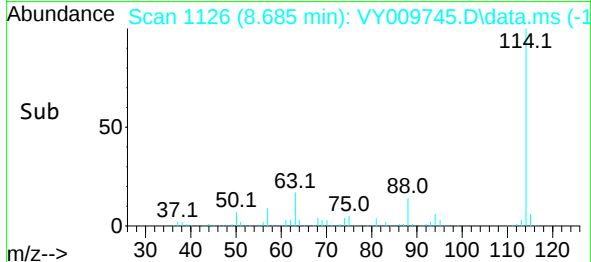
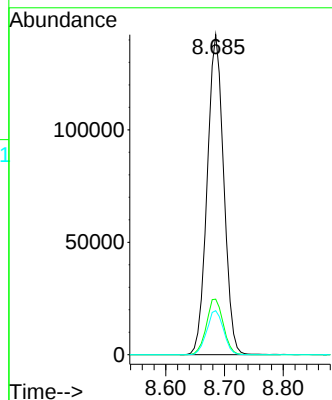
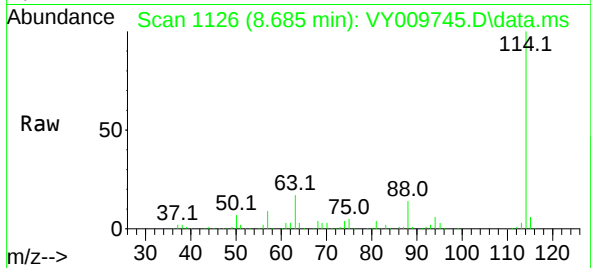




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

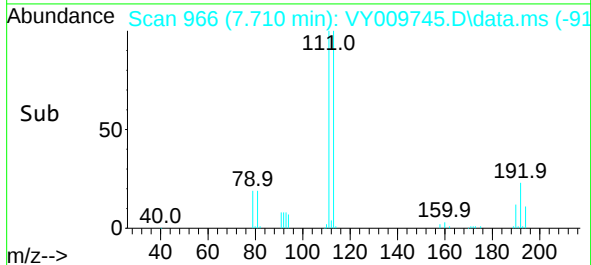
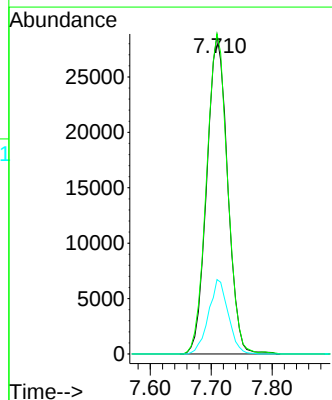
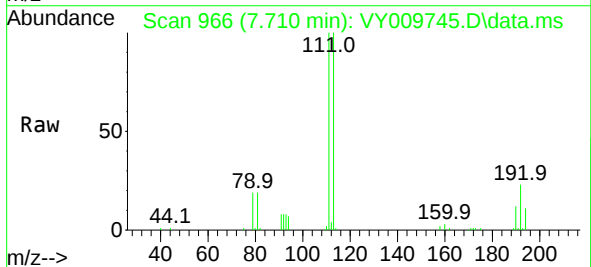
Instrument :
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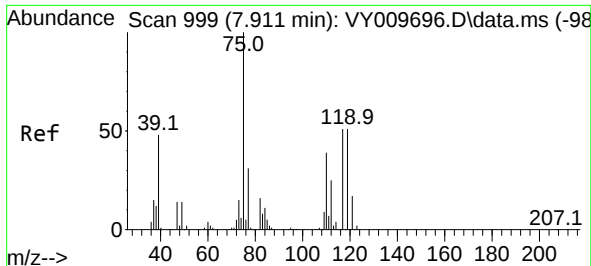
Tgt Ion:114 Resp: 277635
Ion Ratio Lower Upper
114 100
63 17.3 0.0 43.2
88 13.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.124 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion:113 Resp: 68136
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 22.1 17.6 26.4

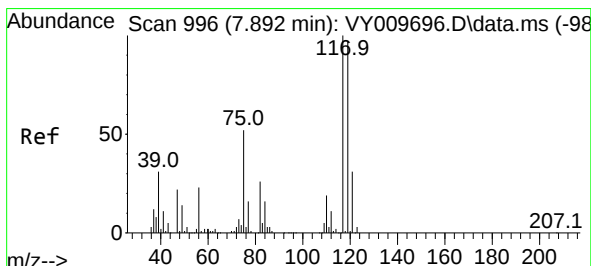
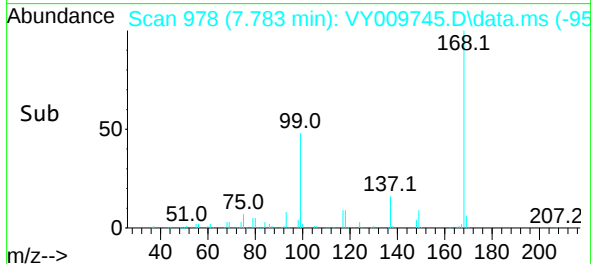
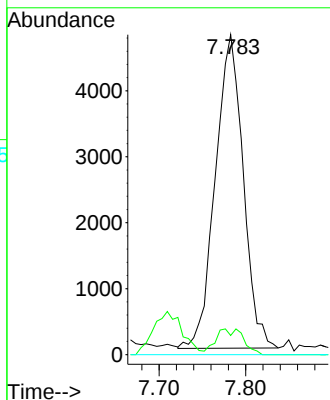
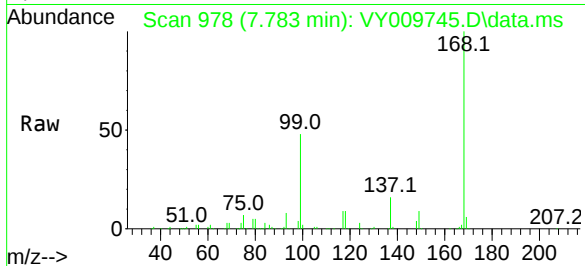




#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

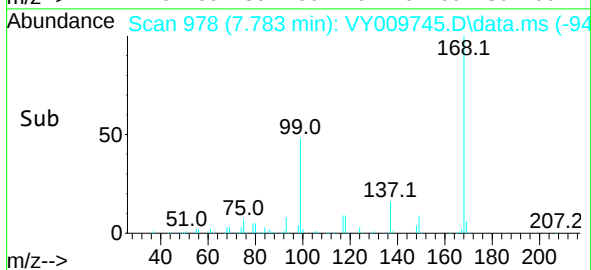
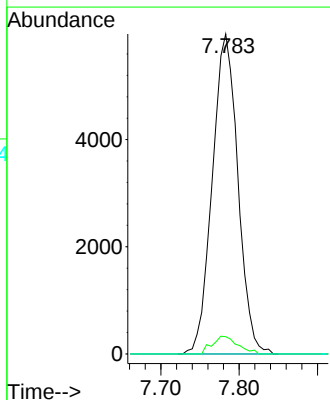
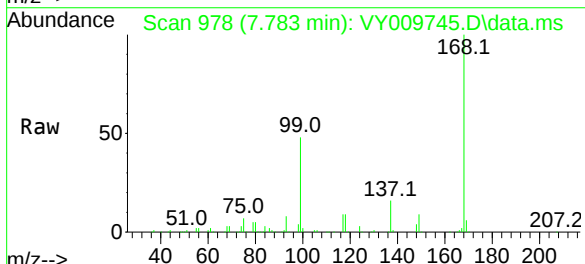
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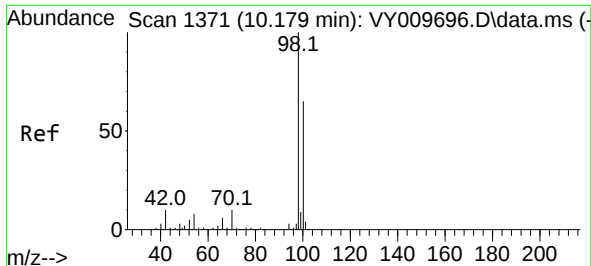
Tgt Ion: 75 Resp: 10641
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 117 Resp: 13561
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

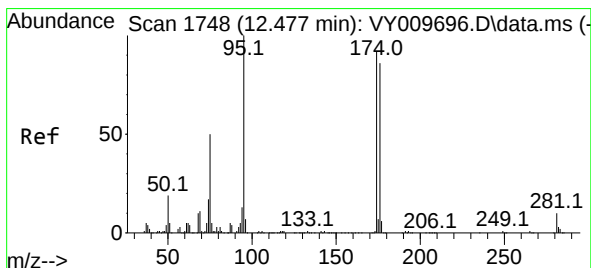
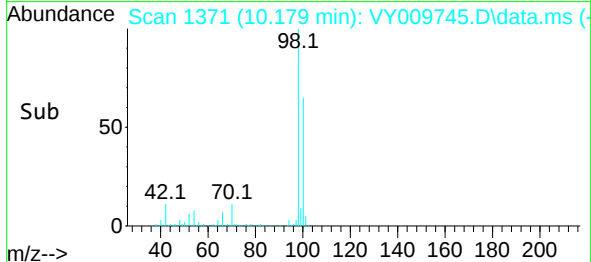
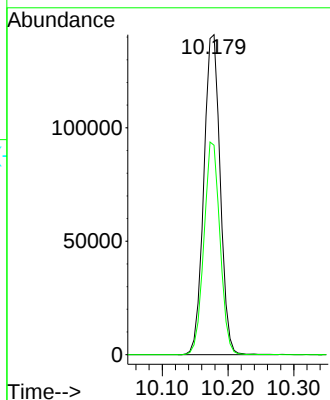
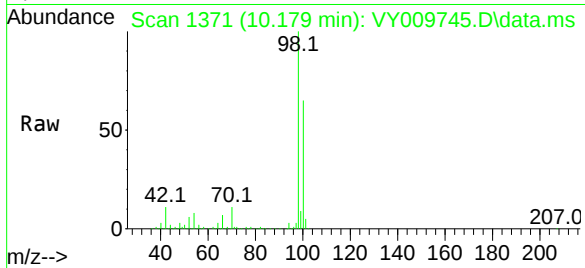




#50
Toluene-d8
Concen: 55.992 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

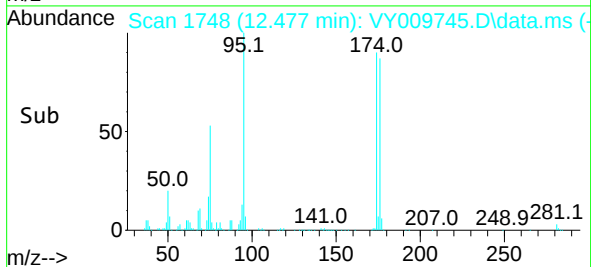
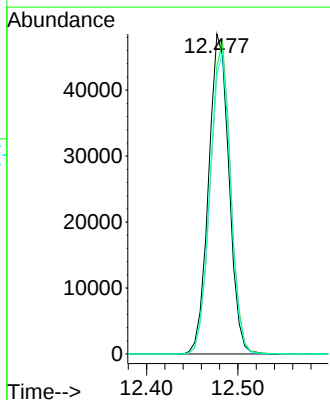
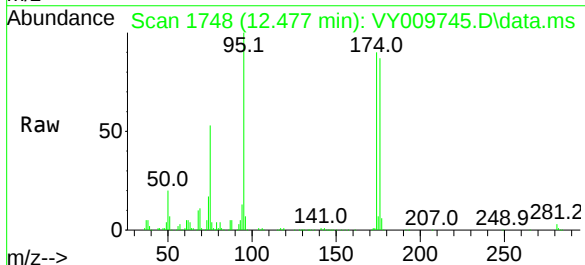
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

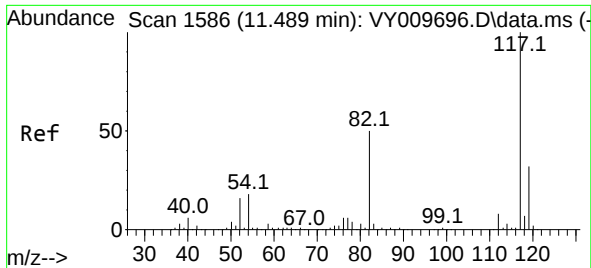
Tgt Ion: 98 Resp: 243997
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.475 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 95 Resp: 75032
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 94.8 0.0 175.8

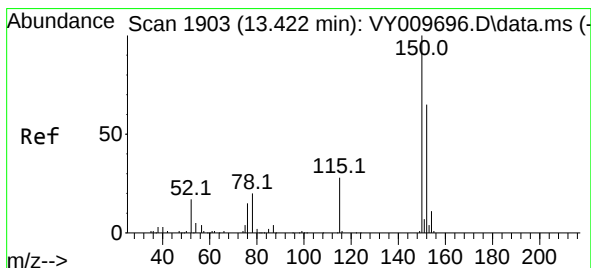
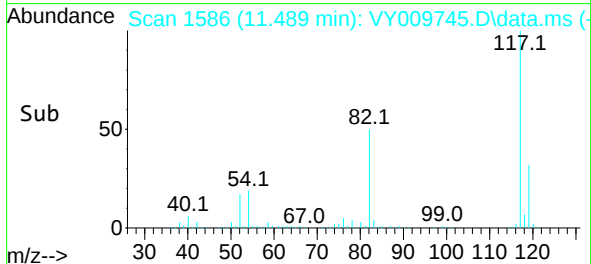
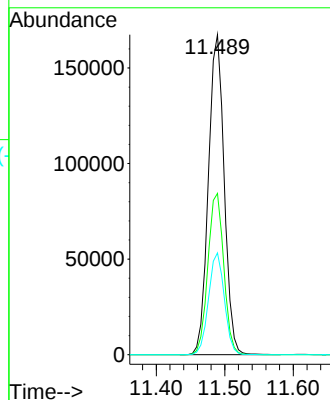
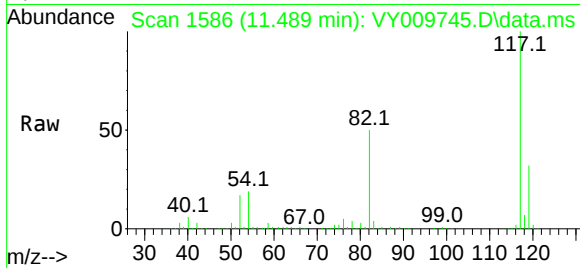




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

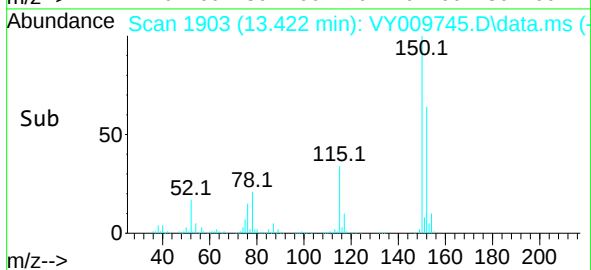
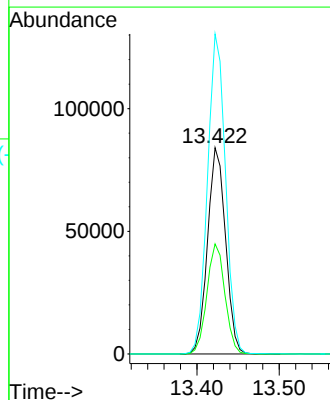
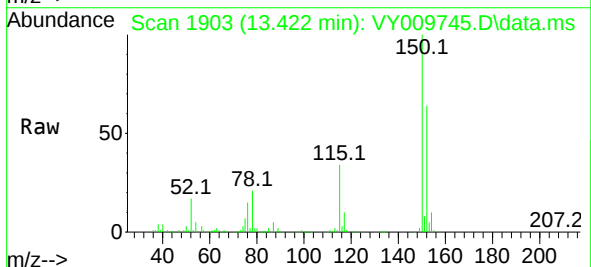
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

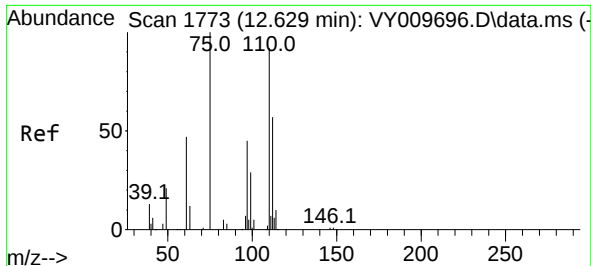
Tgt Ion:117 Resp: 268753
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion:152 Resp: 127856
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 155.1 0.0 347.6

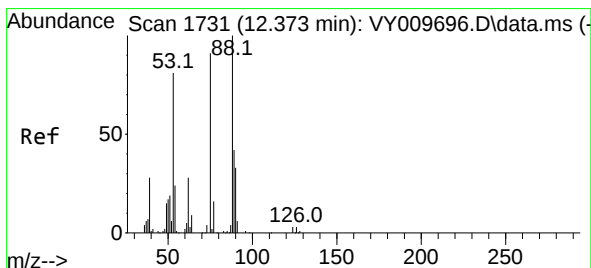
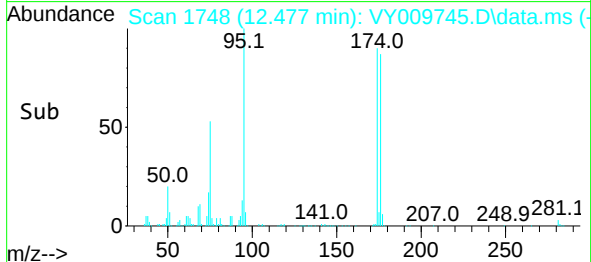
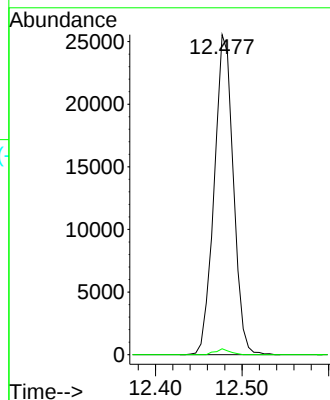
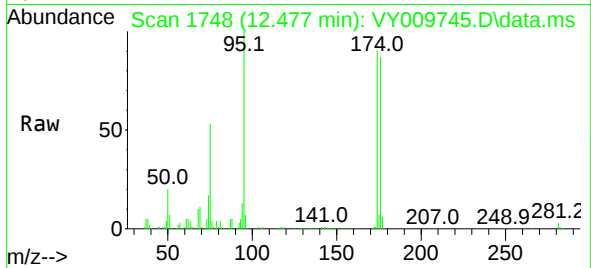




#76
1,2,3-Trichloropropane
Concen: 33.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

Tgt Ion: 75 Resp: 39213
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.816 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 75 Resp: 39213
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

