

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009794.D
 Acq On : 01 Aug 2022 14:18
 Operator : KP/MD
 Sample : N3925-01
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-132

Quant Time: Aug 02 01:38:57 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)

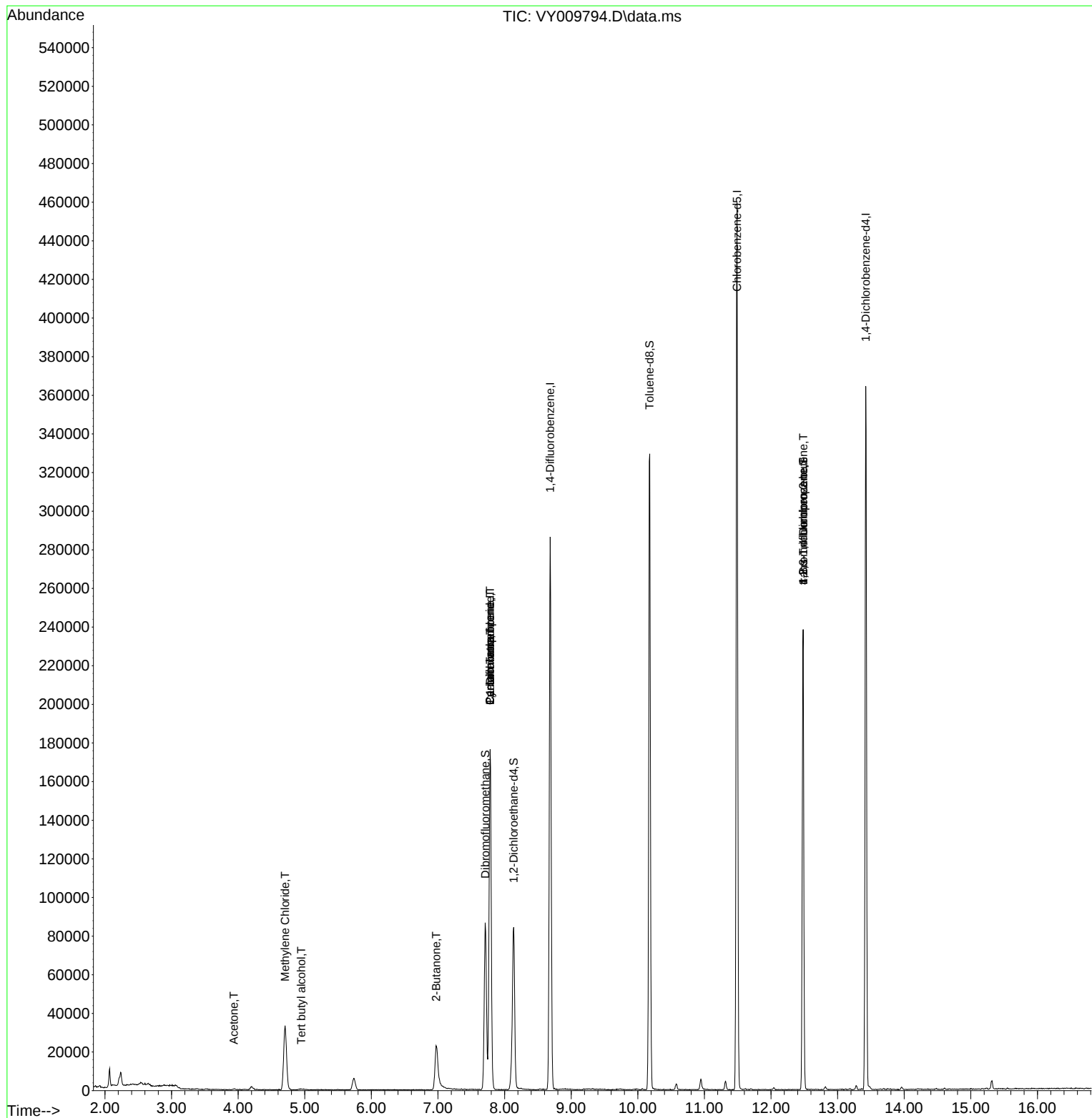
Internal Standards						
1) Pentafluorobenzene	7.783	168	145632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60654	64.021	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.040%			
35) Dibromofluoromethane	7.710	113	59994	44.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.520%			
50) Toluene-d8	10.179	98	220744	56.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 112.940%			
62) 4-Bromofluorobenzene	12.483	95	66674	37.096	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 74.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	482	2.558	ug/l #	77
16) Acetone	3.936	43	825	2.369	ug/l #	81
18) Methyl Acetate	4.479	43	161	Below Cal	#	56
20) Methylene Chloride	4.704	84	25048	6.575	ug/l #	85
25) 2-Butanone	6.972	43	1491	2.903	ug/l #	83
31) Cyclohexane	7.783	56	2588	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10288	4.664	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13148	5.563	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34028	36.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34028	73.185	ug/l #	7

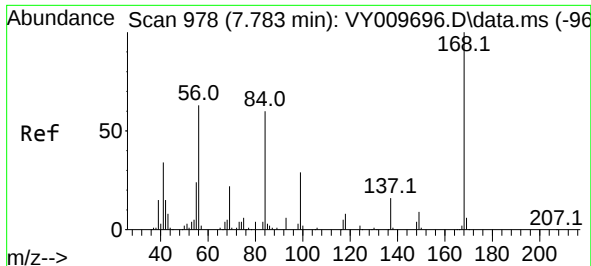
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
Data File : VY009794.D
Acq On : 01 Aug 2022 14:18
Operator : KP/MD
Sample : N3925-01
Misc : 2.50g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

Quant Time: Aug 02 01:38:57 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

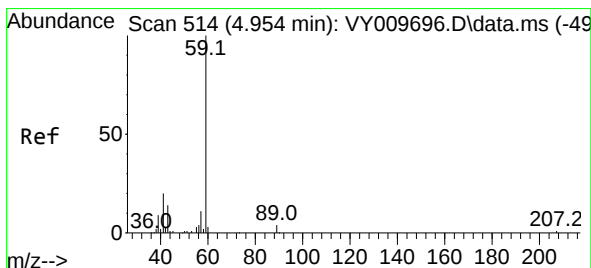
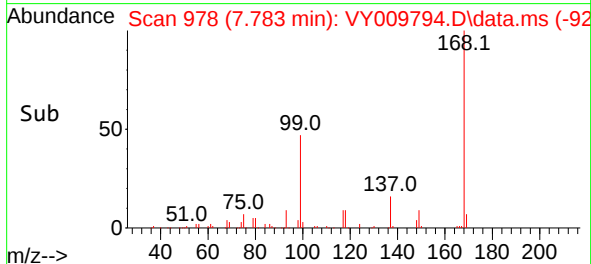
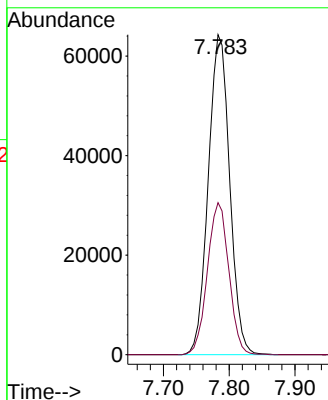
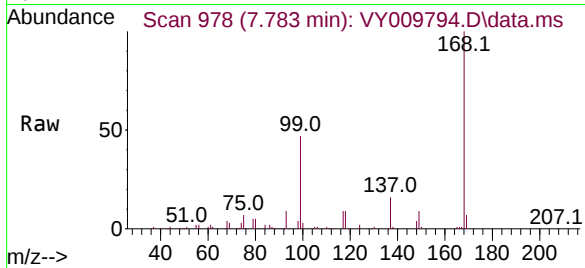




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

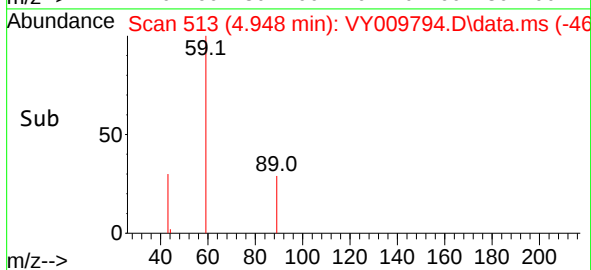
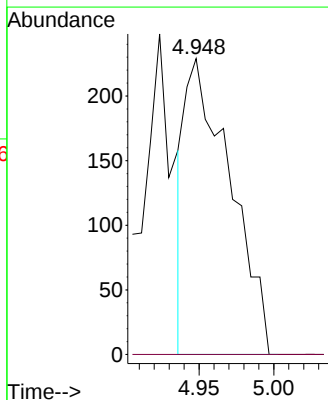
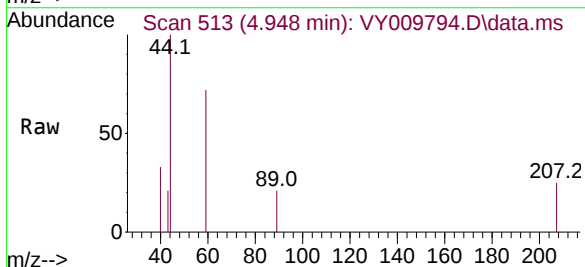
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

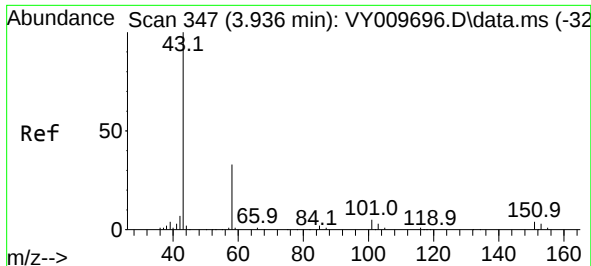
Tgt Ion:168 Resp: 145632
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.558 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.369 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY009794.D

Acq: 01 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

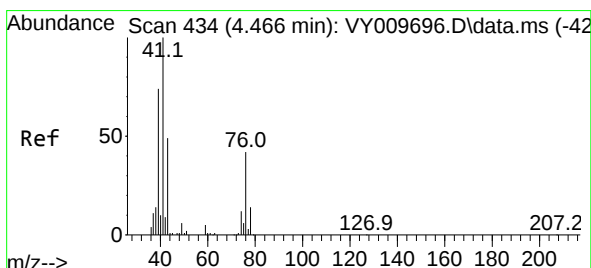
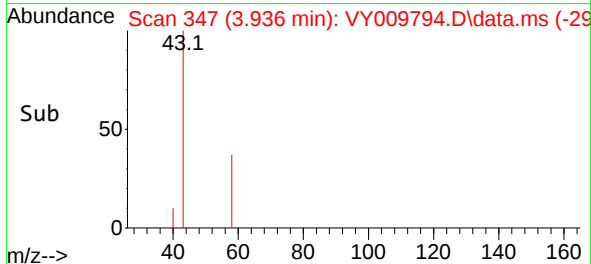
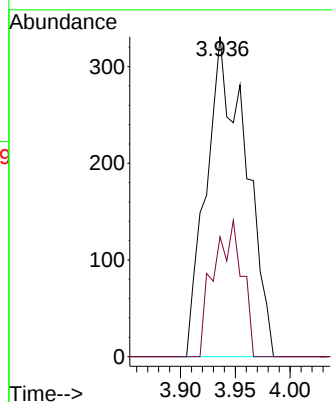
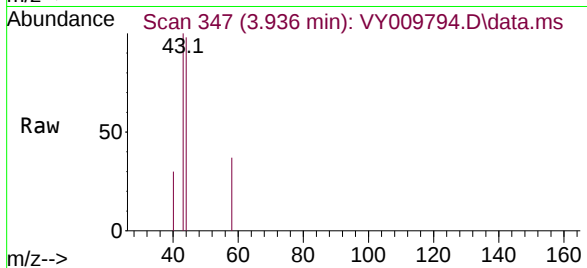
RVE-132

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

43 100

58 37.5 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY009794.D

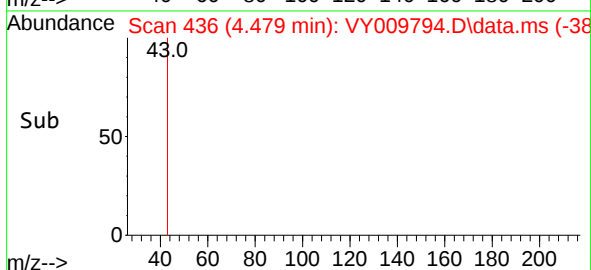
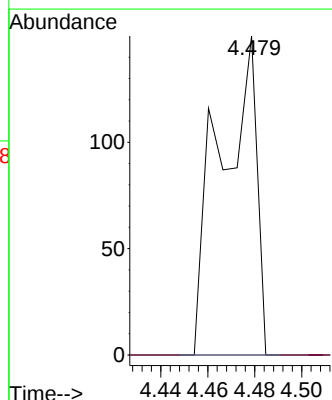
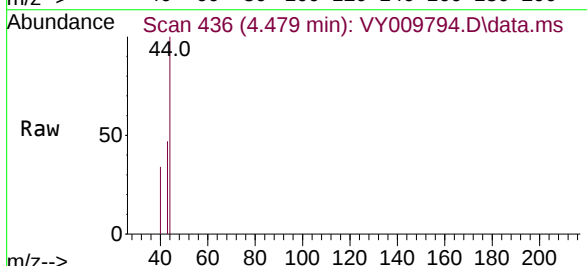
Acq: 01 Aug 2022 14:18

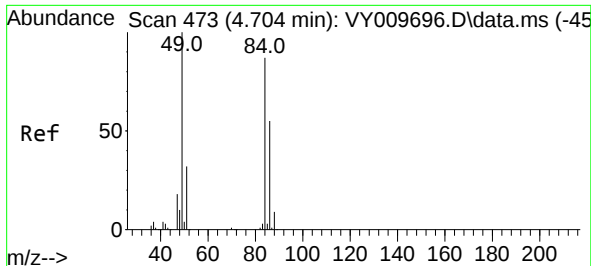
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

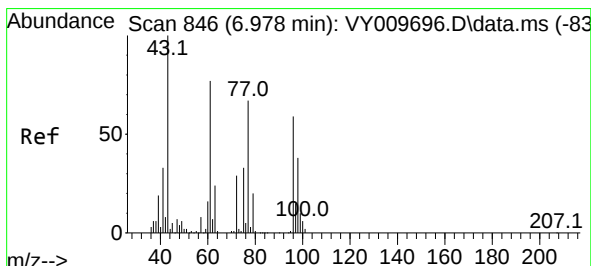
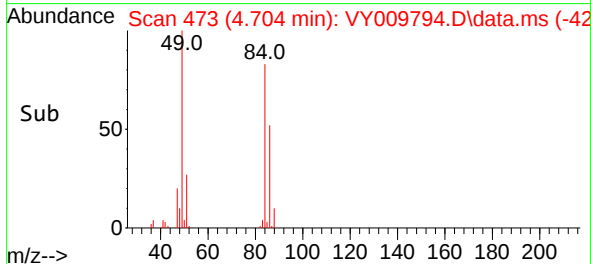
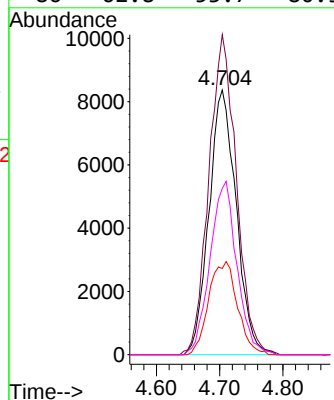
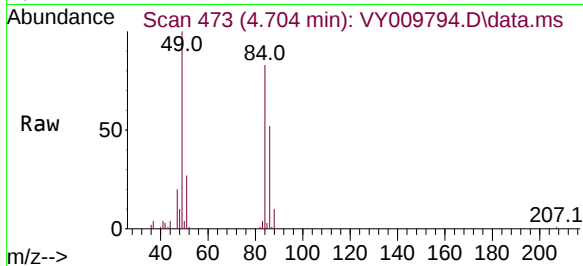




#20
Methylene Chloride
Concen: 6.575 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

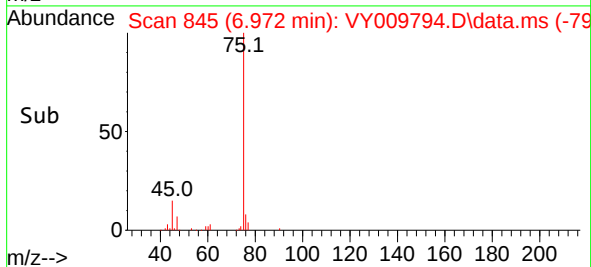
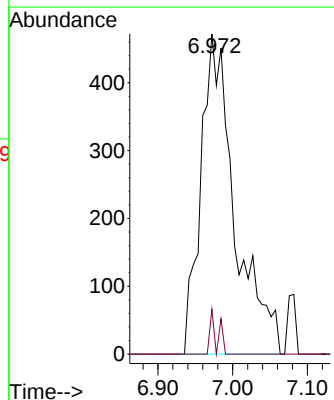
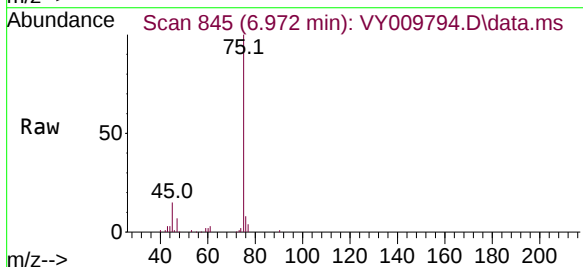
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

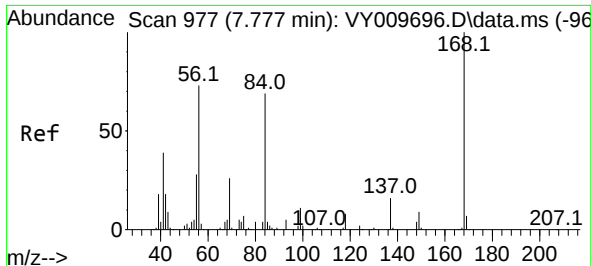
Tgt Ion:	84	Resp:	25048
Ion	Ratio	Lower	Upper
84	100		
49	120.9	114.4	171.6
51	32.6	35.3	52.9#
86	62.8	53.7	80.5



#25
2-Butanone
Concen: 2.903 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion:	43	Resp:	1491
Ion	Ratio	Lower	Upper
43	100		
72	14.0	17.7	26.5#

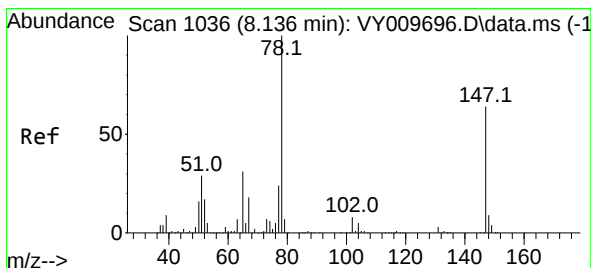
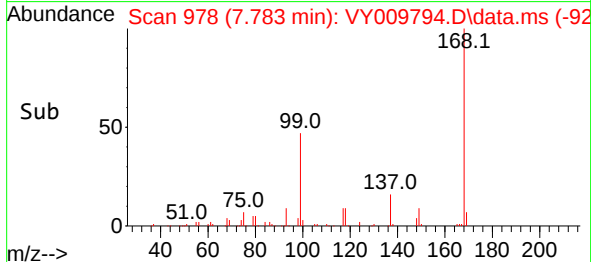
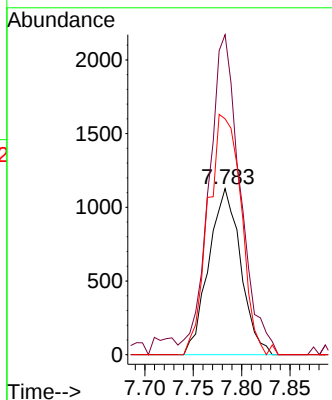
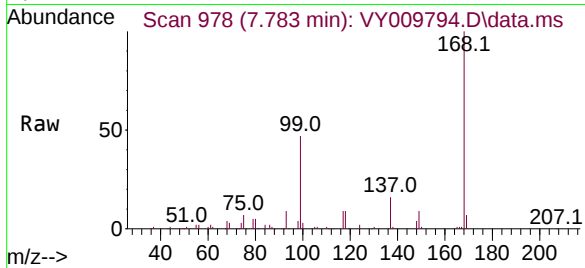




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

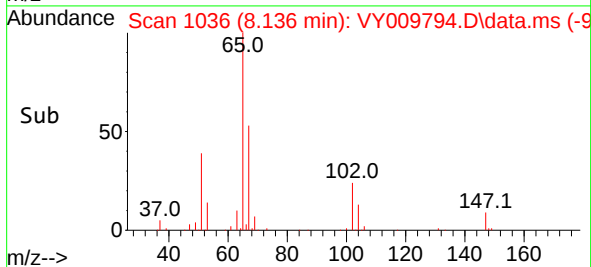
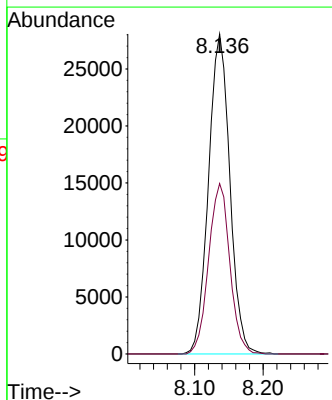
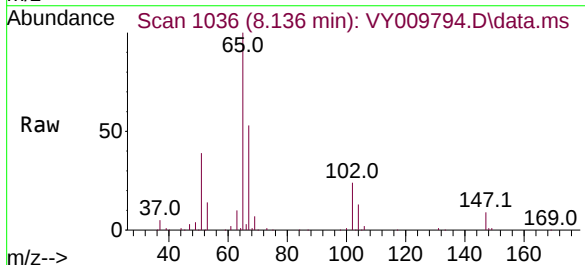
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

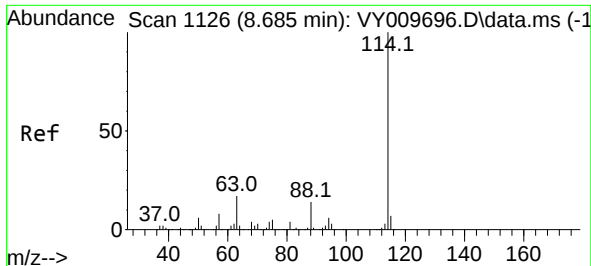
Tgt Ion: 56 Resp: 2588
Ion Ratio Lower Upper
56 100
69 192.6 26.7 40.1#
84 142.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.021 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 65 Resp: 60654
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009794.D

Acq: 01 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

RVE-132

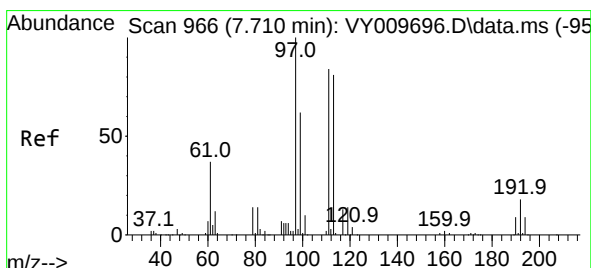
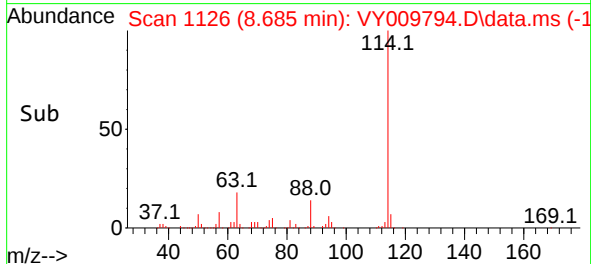
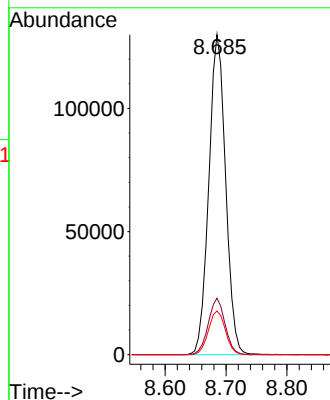
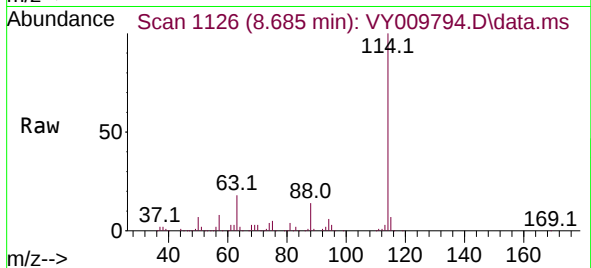
Tgt Ion:114 Resp: 249229

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.260 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009794.D

Acq: 01 Aug 2022 14:18

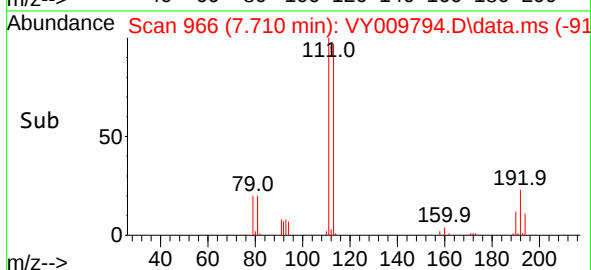
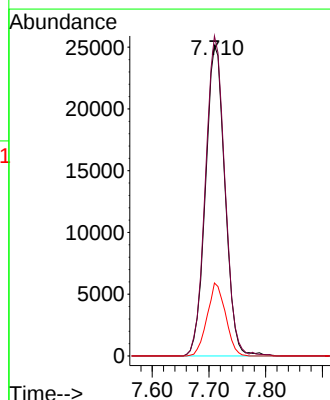
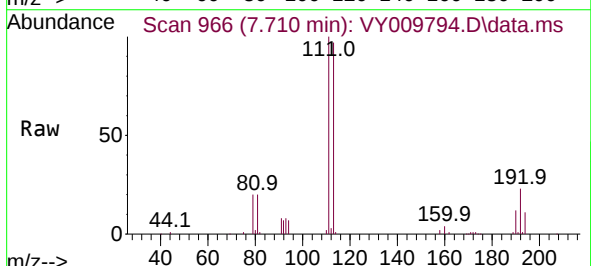
Tgt Ion:113 Resp: 59994

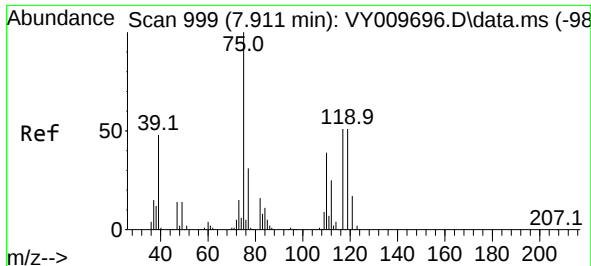
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 22.2 17.6 26.4

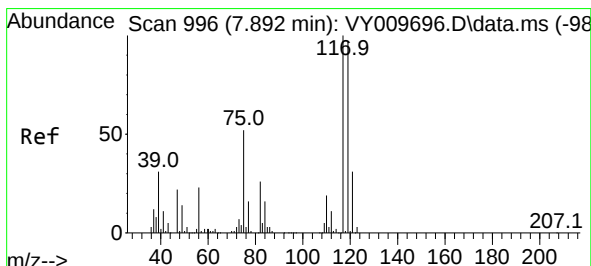
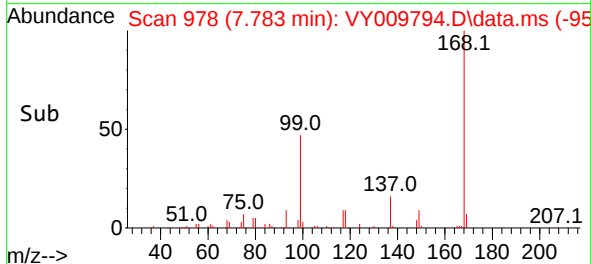
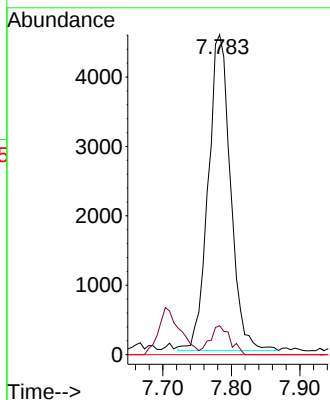
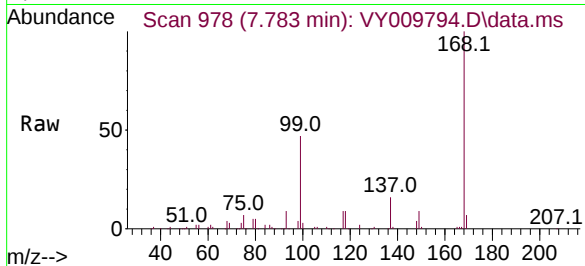




#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

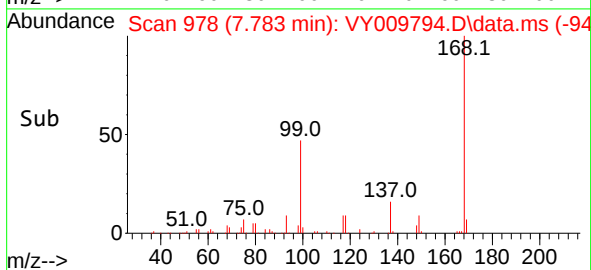
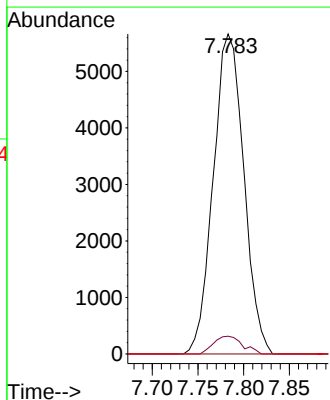
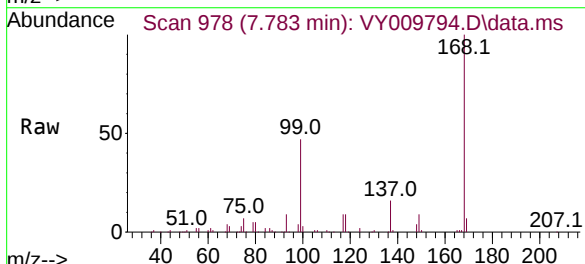
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

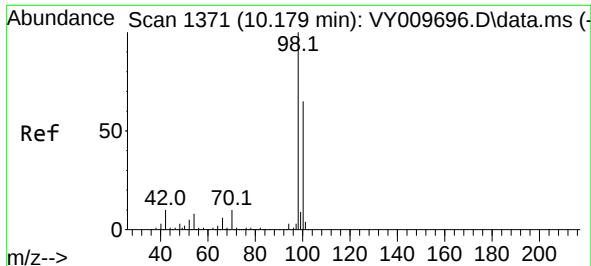
Tgt Ion: 75 Resp: 10288
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.563 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 117 Resp: 13148
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

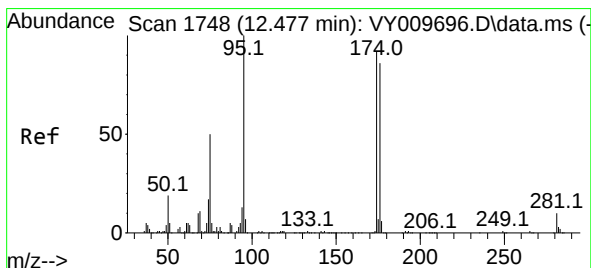
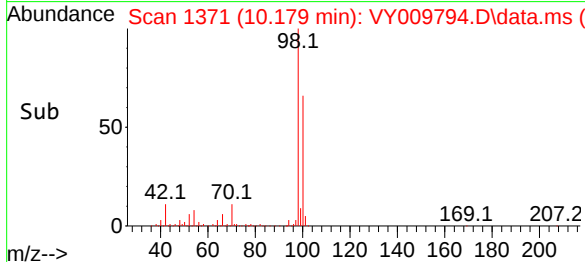
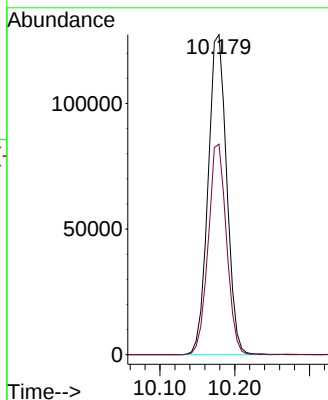
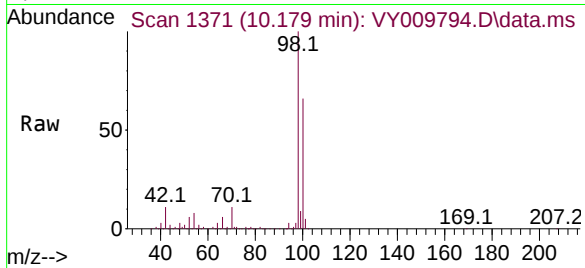




#50
Toluene-d8
Concen: 56.466 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

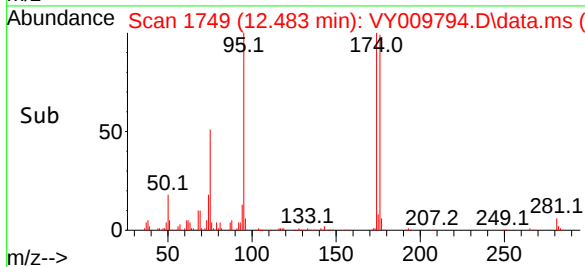
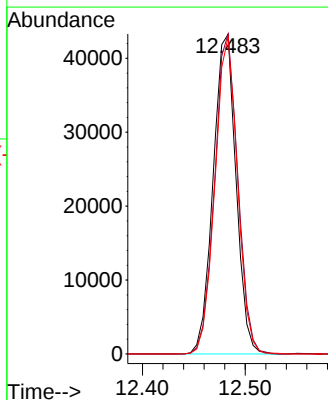
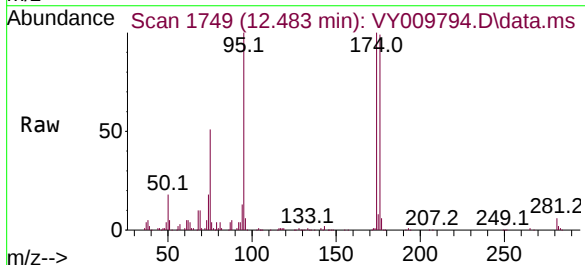
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

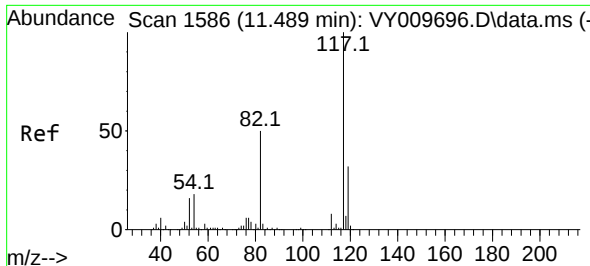
Tgt Ion: 98 Resp: 220744
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 95 Resp: 66674
Ion Ratio Lower Upper
95 100
174 101.3 0.0 177.0
176 97.7 0.0 175.8

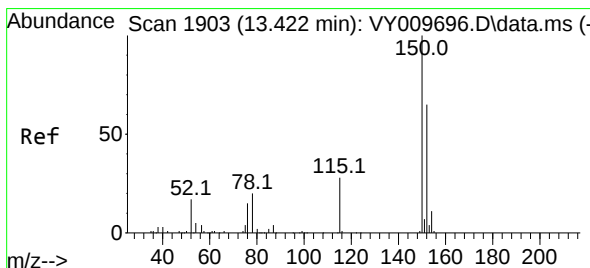
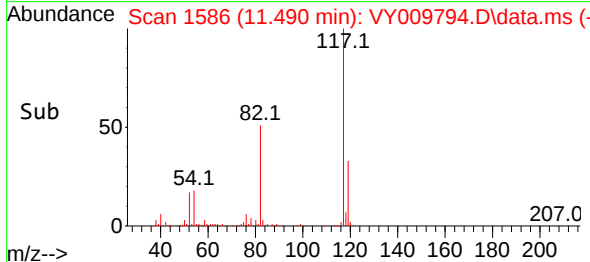
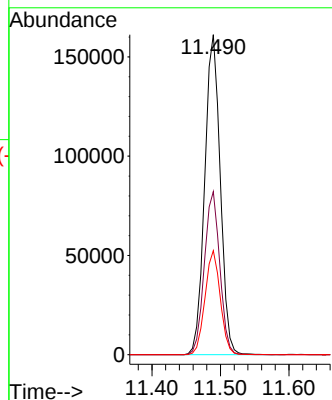
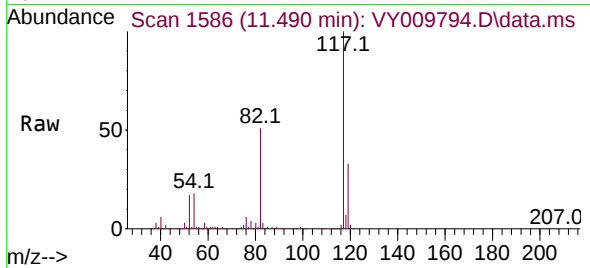




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

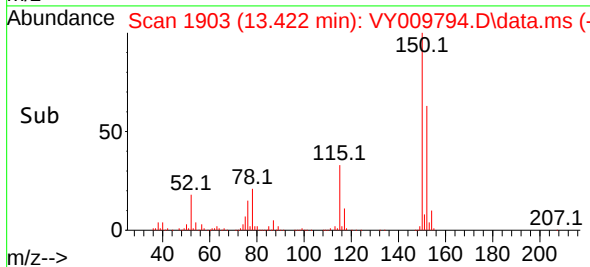
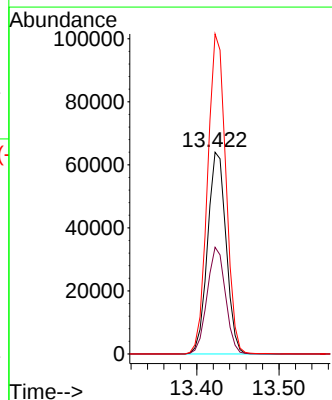
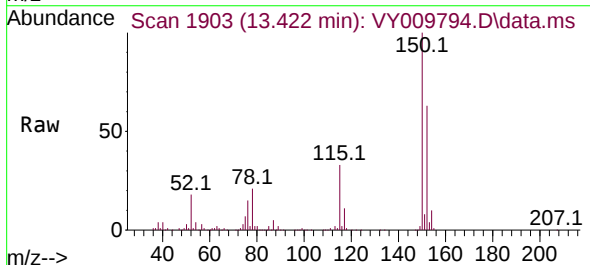
Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

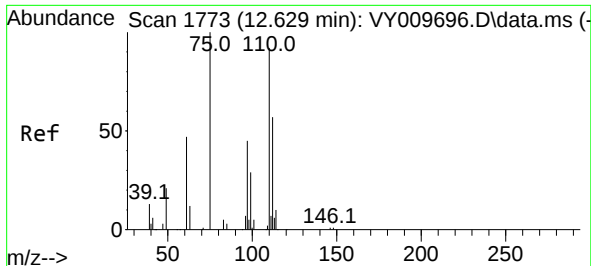
Tgt Ion:117 Resp: 254662
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion:152 Resp: 99779
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 156.8 0.0 347.6

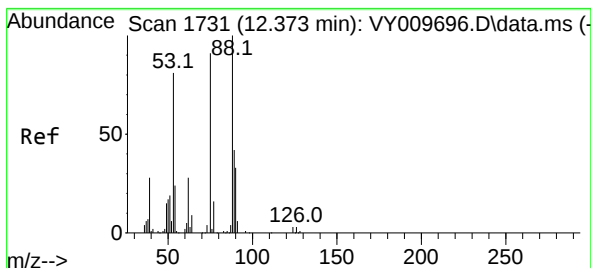
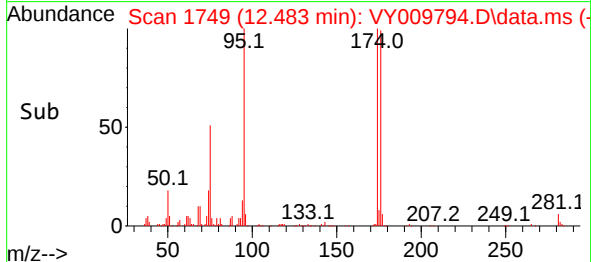
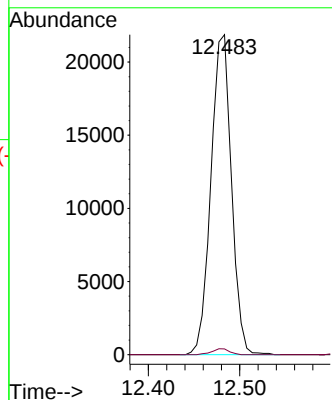
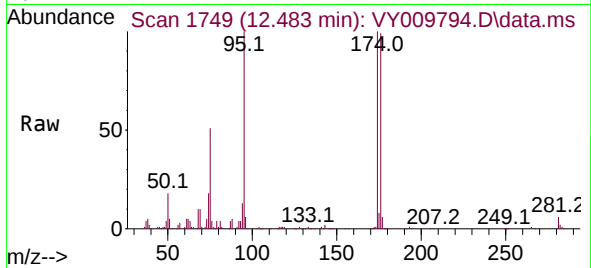




#76
1,2,3-Trichloropropane
Concen: 36.716 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
RVE-132

Tgt Ion: 75 Resp: 34028
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009794.D
Acq: 01 Aug 2022 14:18

Tgt Ion: 75 Resp: 34028
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

