

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009744.D
 Acq On : 28 Jul 2022 12:30
 Operator : KP/MD
 Sample : N3894-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-20

Quant Time: Jul 29 02:55:51 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)

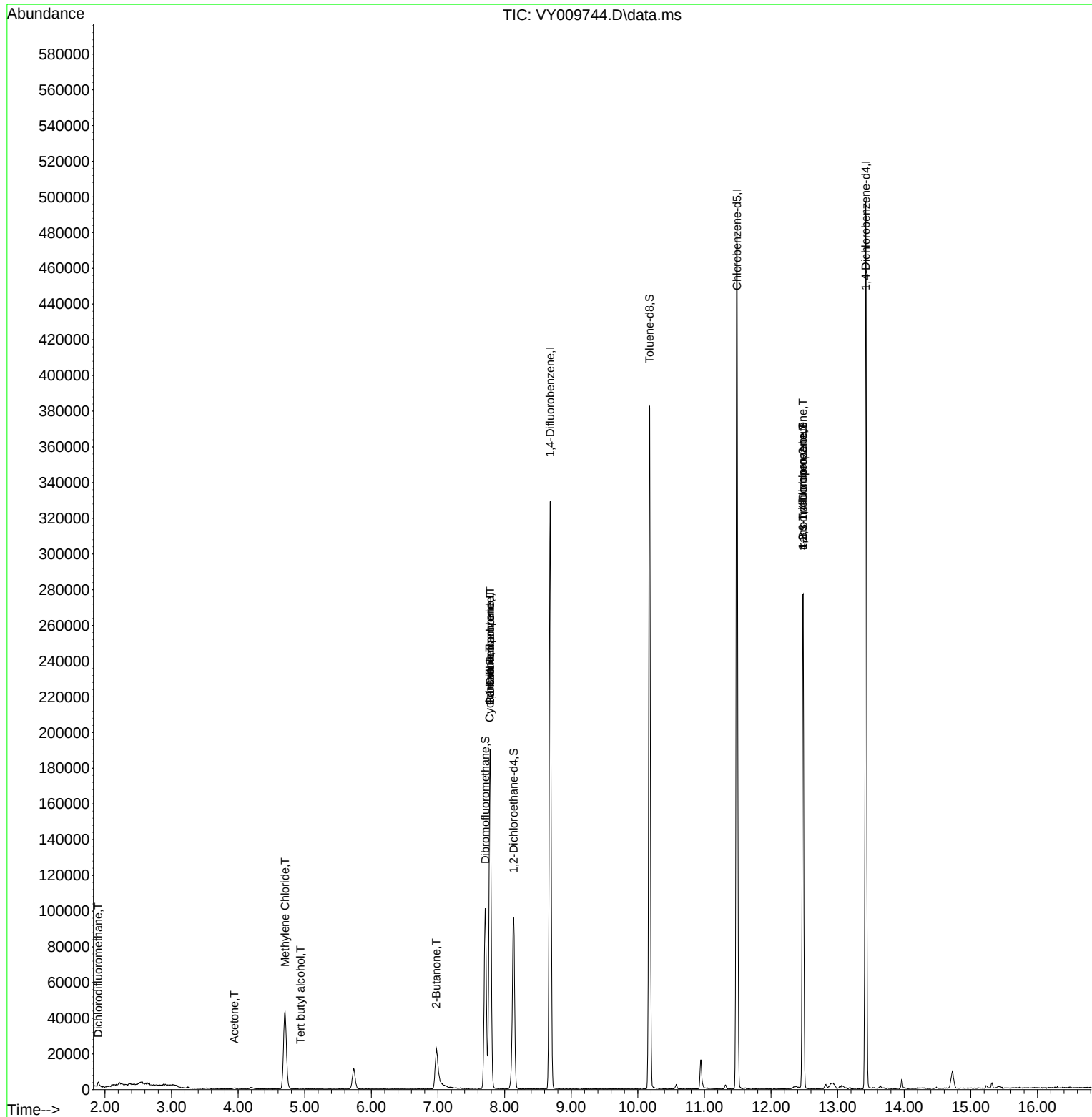
Internal Standards						
1) Pentafluorobenzene	7.783	168	157061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73533	72.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.360%	
35) Dibromofluoromethane	7.710	113	70629	45.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.540%	
50) Toluene-d8	10.179	98	254913	57.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 114.700%	
62) 4-Bromofluorobenzene	12.477	95	80749	39.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 78.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2106	1.506	ug/l	96
11) Tert butyl alcohol	4.936	59	728	3.910	ug/l #	77
16) Acetone	3.942	43	872	2.322	ug/l #	60
18) Methyl Acetate	4.460	43	183	Below Cal	#	56
20) Methylene Chloride	4.704	84	33851	11.279	ug/l	84
25) 2-Butanone	6.972	43	1291	2.330	ug/l #	54
31) Cyclohexane	7.777	56	2751	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11305	4.502	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13636	5.068	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	41751	33.827	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41751	67.426	ug/l #	7

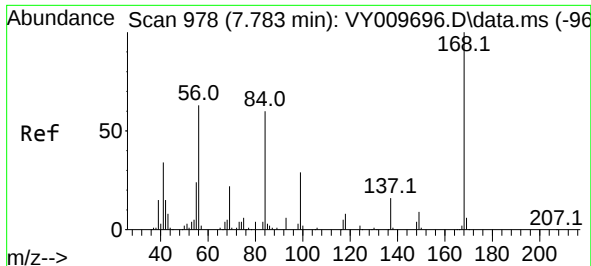
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
Data File : VY009744.D
Acq On : 28 Jul 2022 12:30
Operator : KP/MD
Sample : N3894-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

Quant Time: Jul 29 02:55:51 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

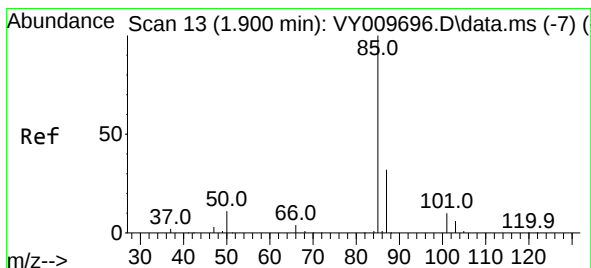
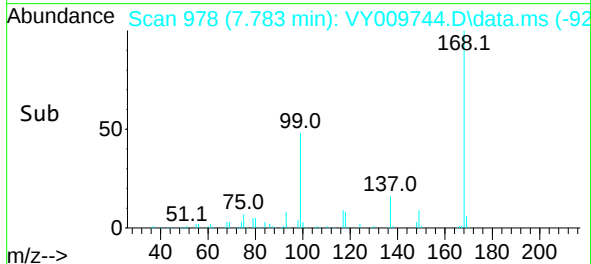
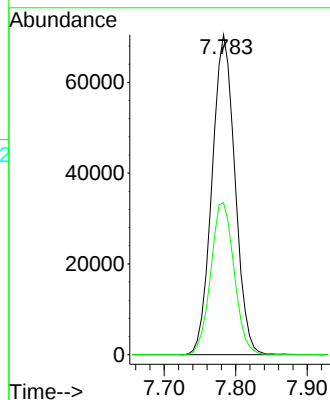
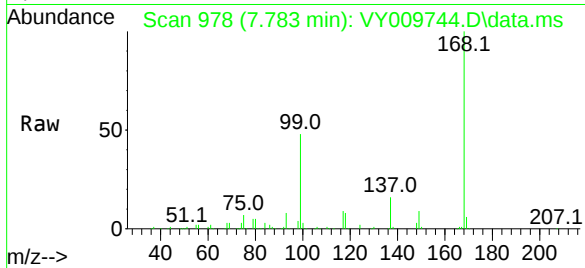




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

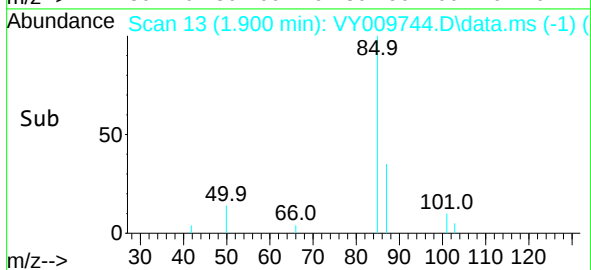
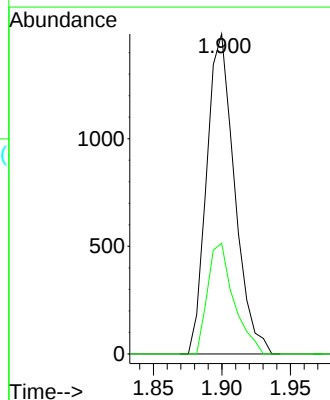
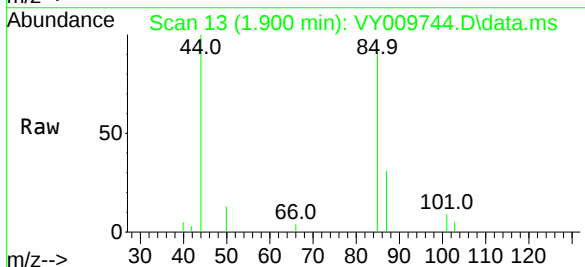
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

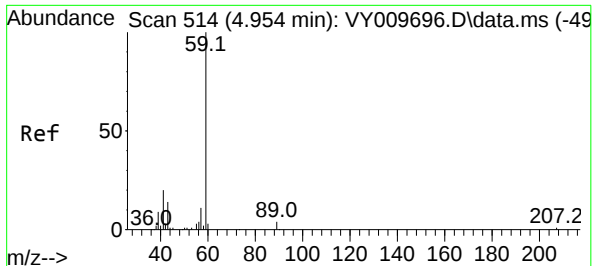
Tgt Ion:168 Resp: 157061
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.506 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 85 Resp: 2106
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.2





#11

Tert butyl alcohol

Concen: 3.910 ug/l

RT: 4.936 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

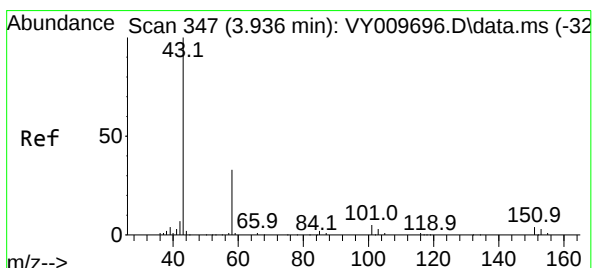
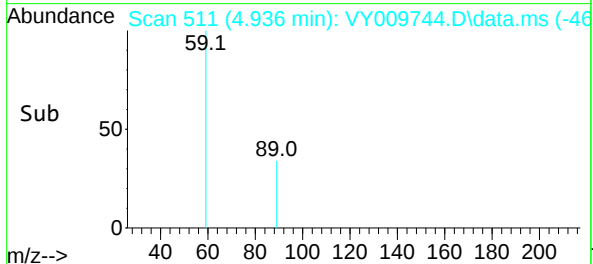
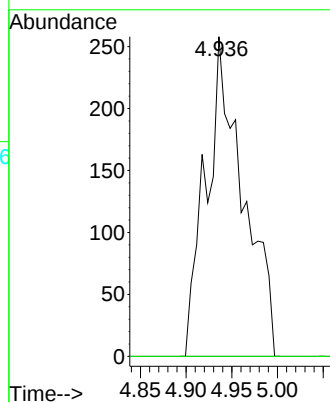
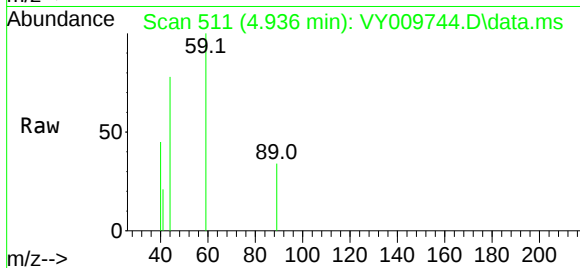
RVE-20

Tgt Ion: 59 Resp: 728

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.322 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009744.D

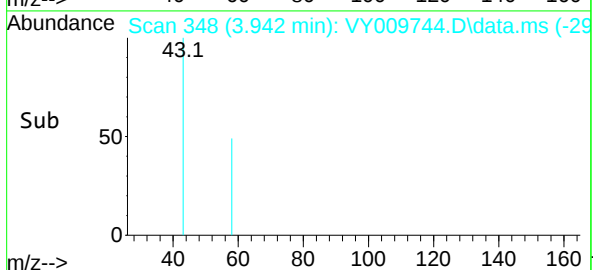
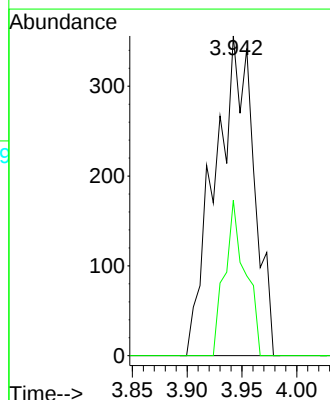
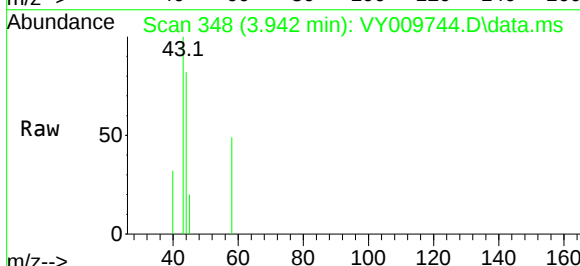
Acq: 28 Jul 2022 12:30

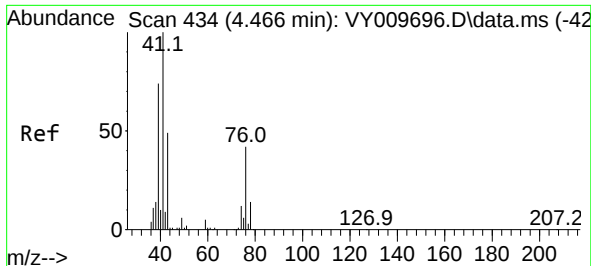
Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

58 48.6 22.0 33.0#

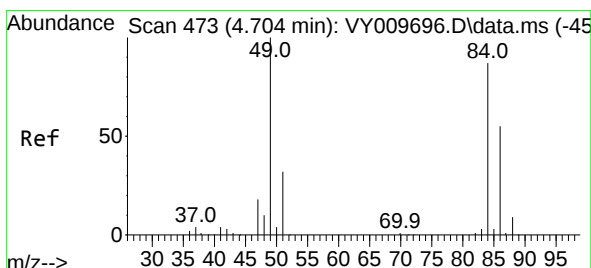
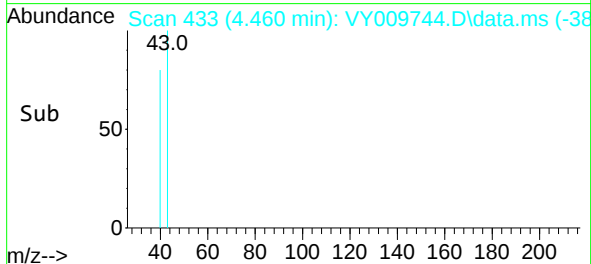
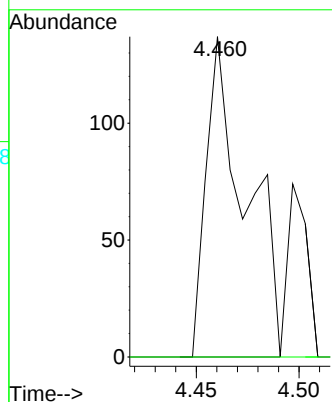
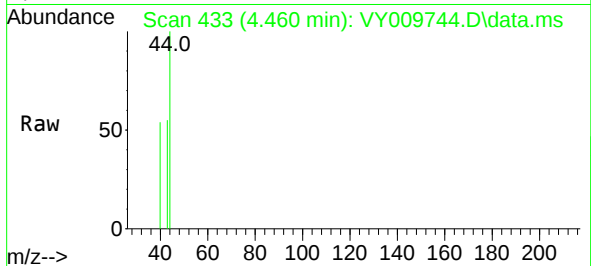




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

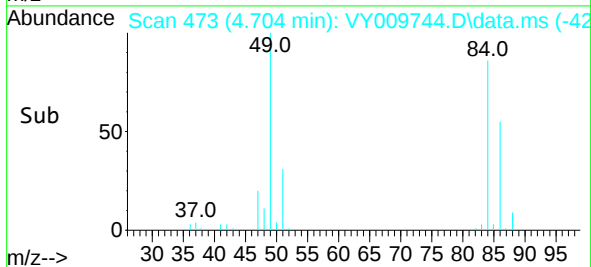
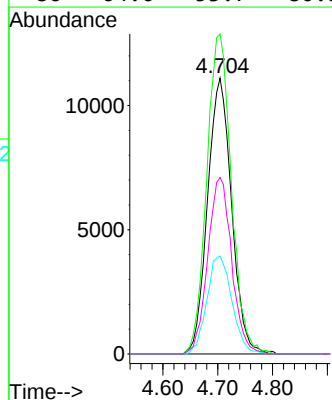
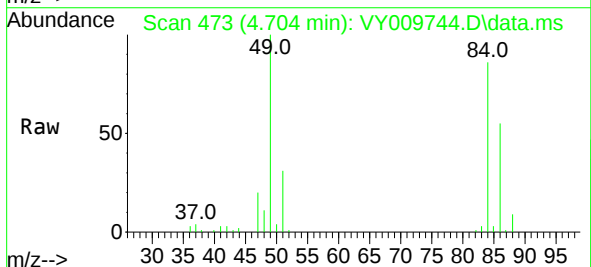
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

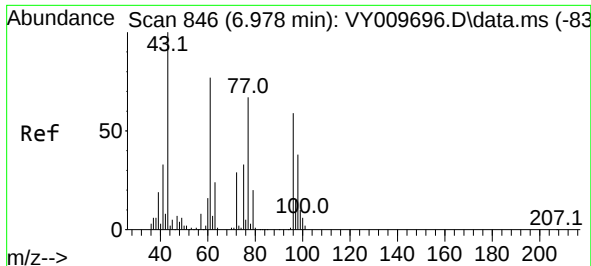
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 11.279 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 84 Resp: 33851
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 35.5 35.3 52.9
86 64.0 53.7 80.5

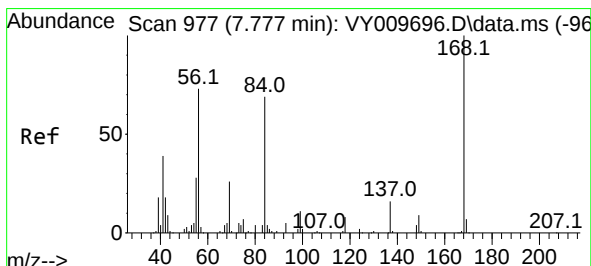
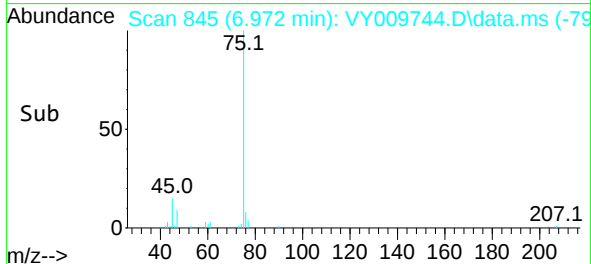
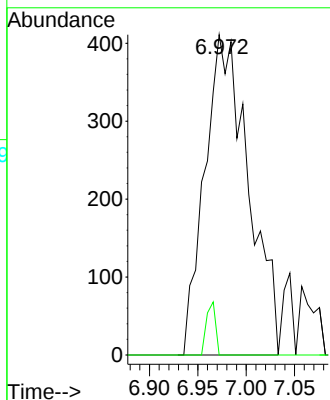
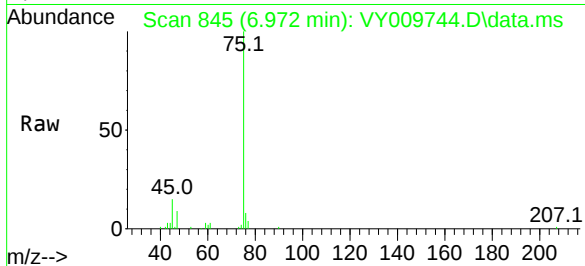




#25
2-Butanone
Concen: 2.330 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

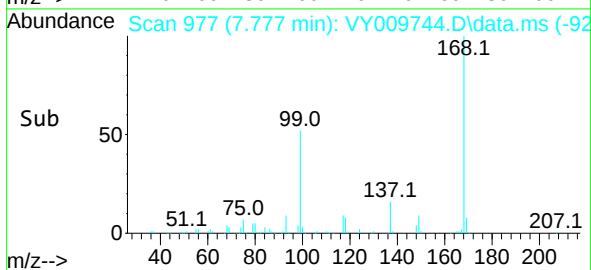
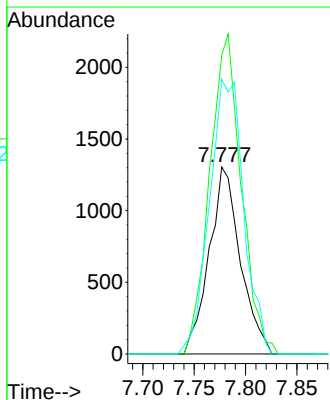
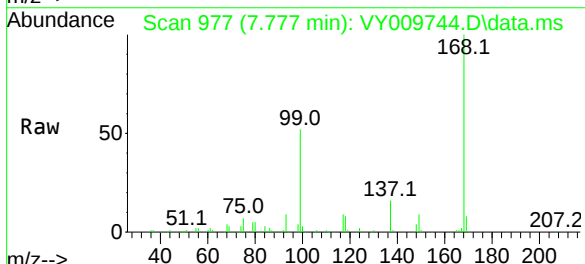
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

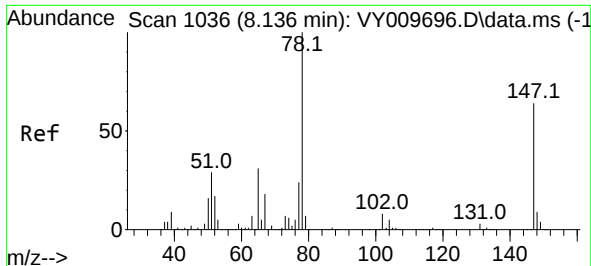
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
69 159.7 26.7 40.1#
84 147.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 72.681 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

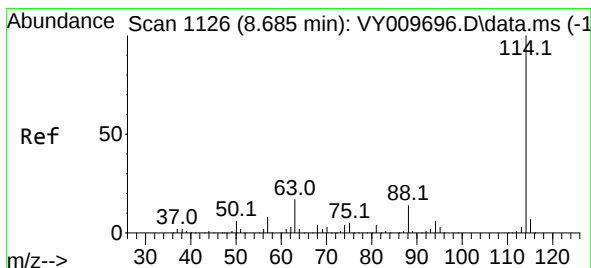
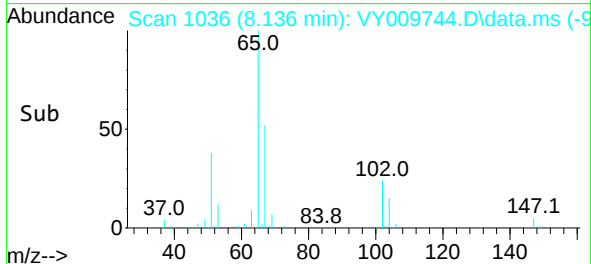
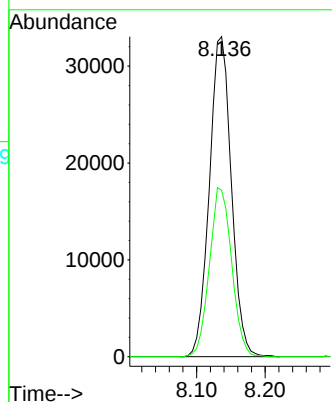
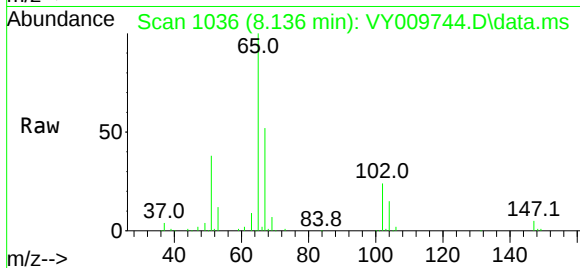
RVE-20

Tgt Ion: 65 Resp: 73533

Ion Ratio Lower Upper

65 100

67 53.4 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: VY009744.D

Acq: 28 Jul 2022 12:30

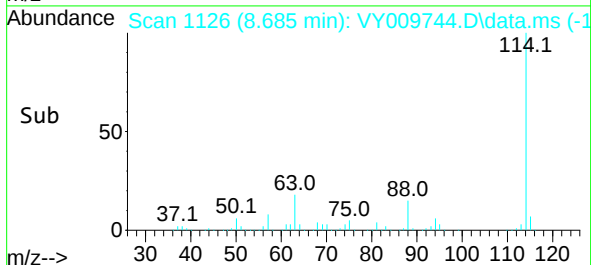
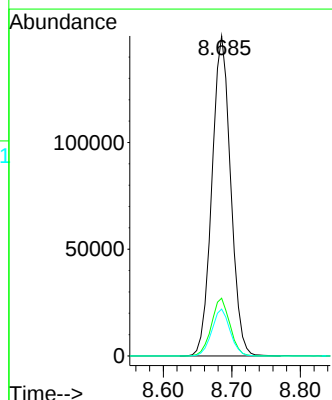
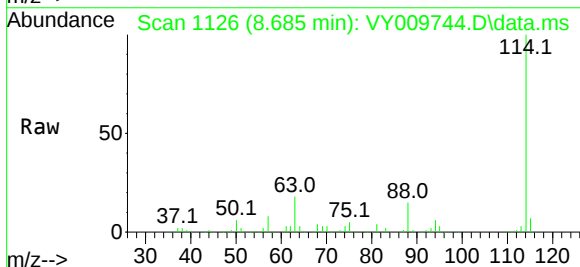
Tgt Ion: 114 Resp: 283719

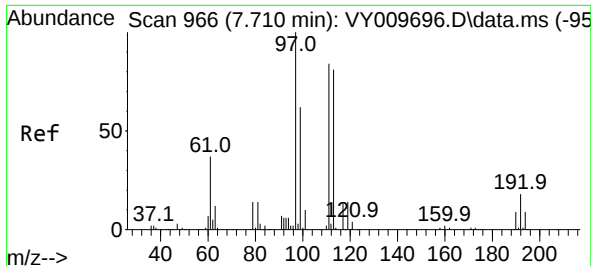
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.772 ug/l

RT: 7.710 min Scan# 90

Delta R.T. -0.000 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

Instrument :

MSVOA_Y

ClientSampleId :

RVE-20

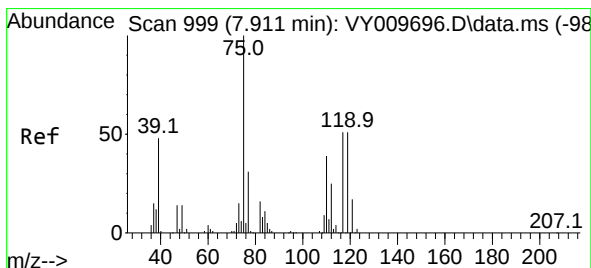
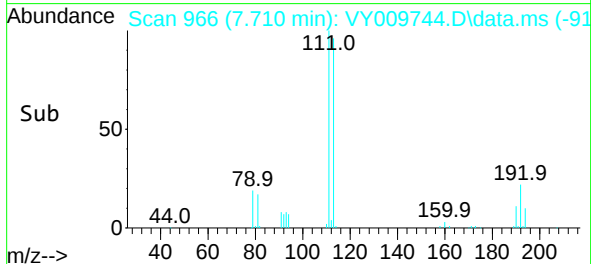
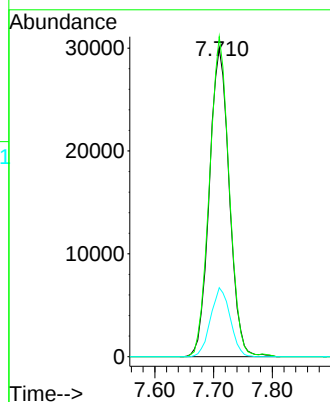
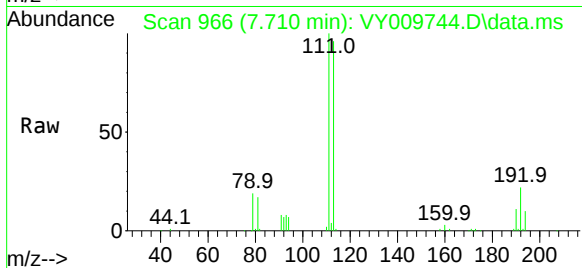
Tgt Ion:113 Resp: 70629

Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.9 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.502 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY009744.D

Acq: 28 Jul 2022 12:30

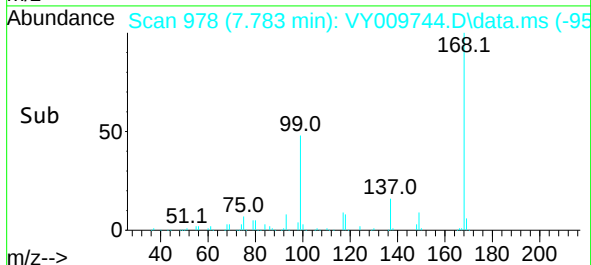
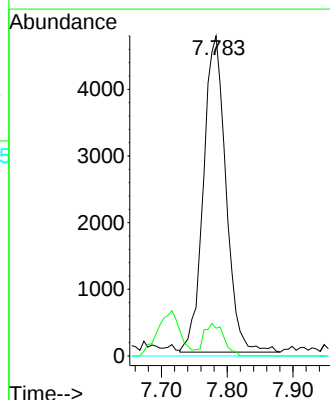
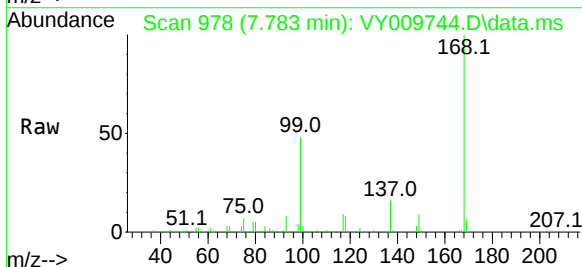
Tgt Ion: 75 Resp: 11305

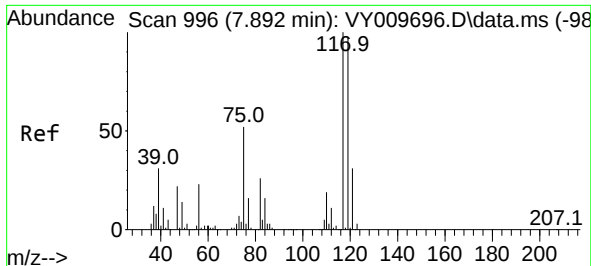
Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

77 0.0 24.4 36.6#

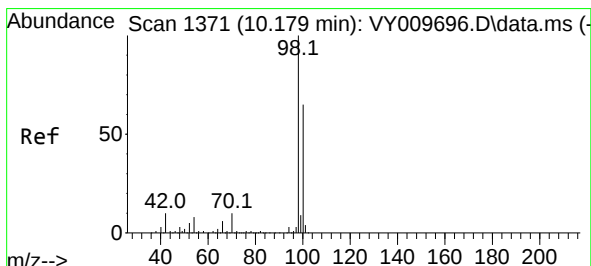
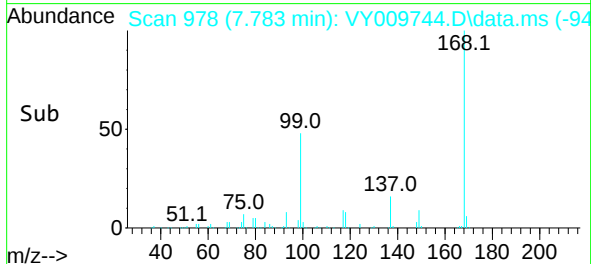
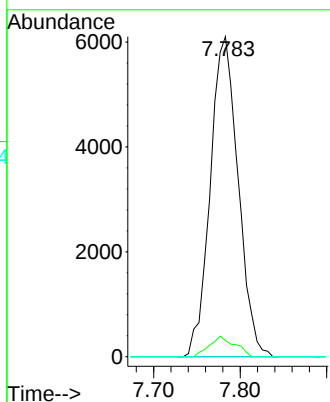
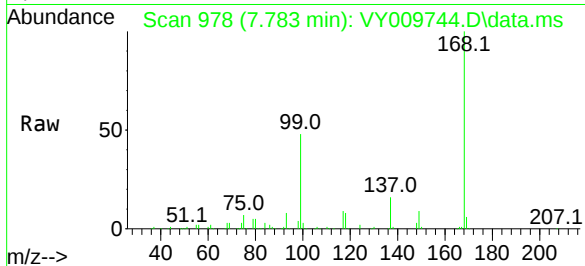




#38
Carbon Tetrachloride
Concen: 5.068 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

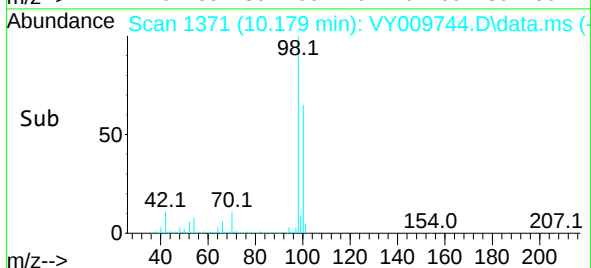
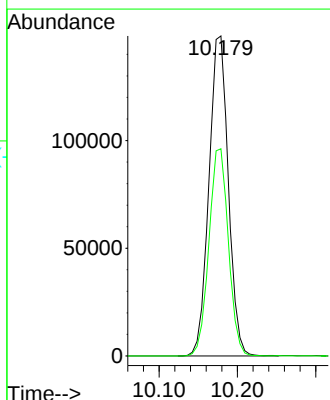
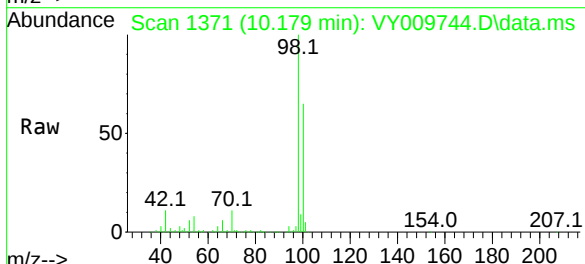
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

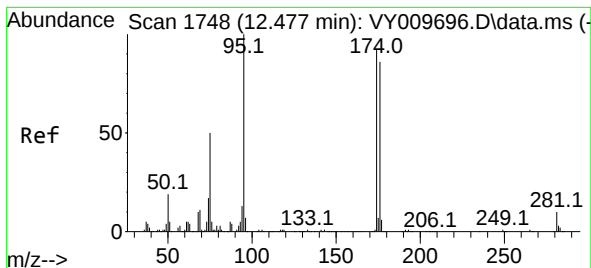
Tgt Ion:117 Resp: 13636
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.346 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 98 Resp: 254913
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

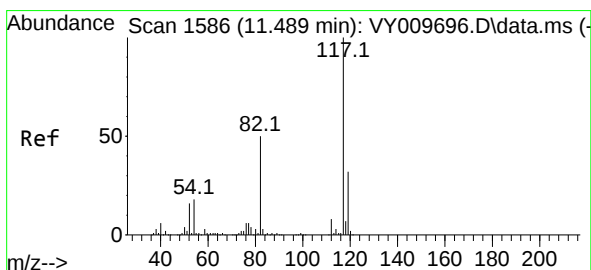
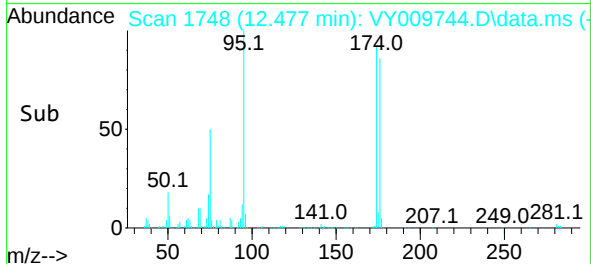
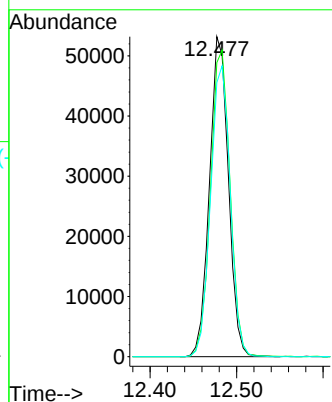
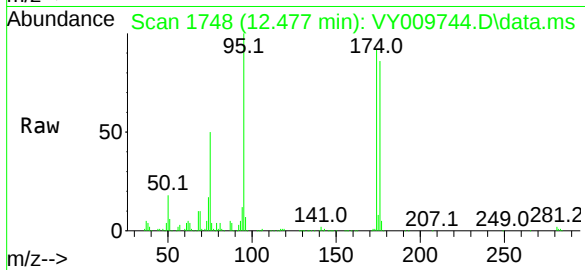




#62
4-Bromofluorobenzene
Concen: 39.465 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

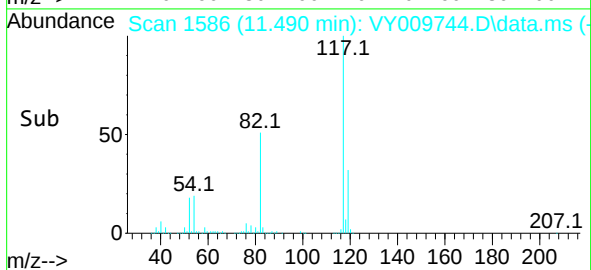
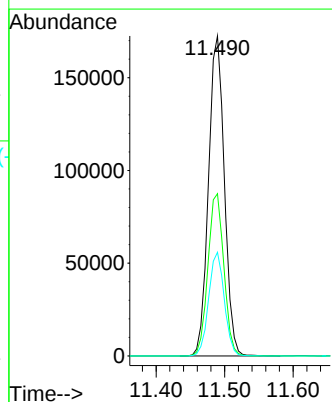
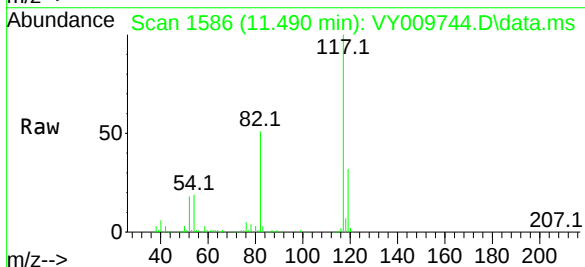
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

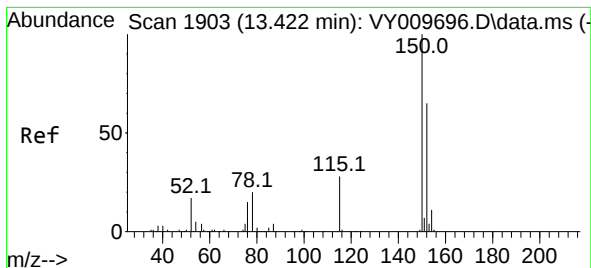
Tgt Ion: 95 Resp: 80749
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 94.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

Tgt Ion: 117 Resp: 277970
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.4 25.4 38.0

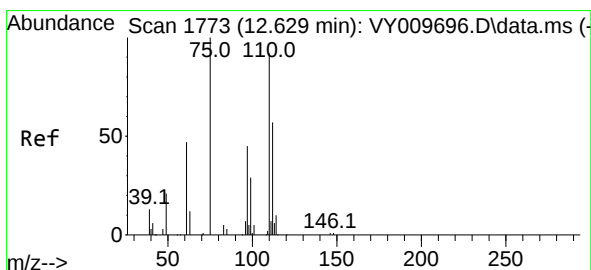
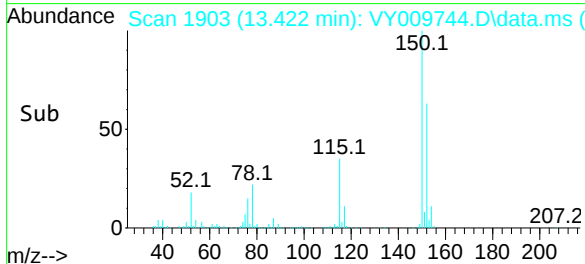
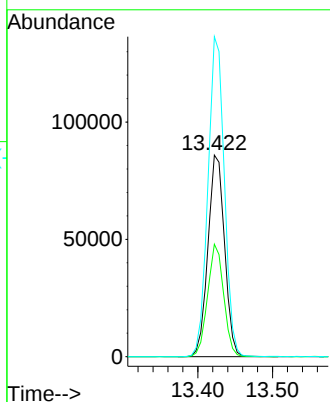
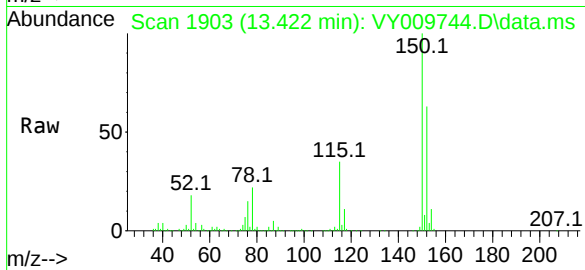




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

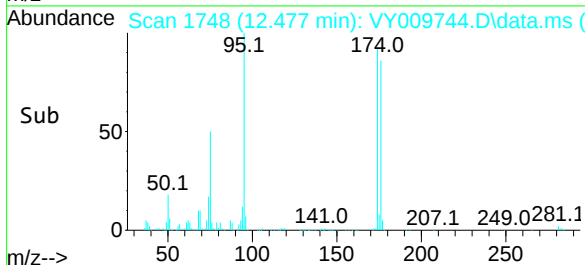
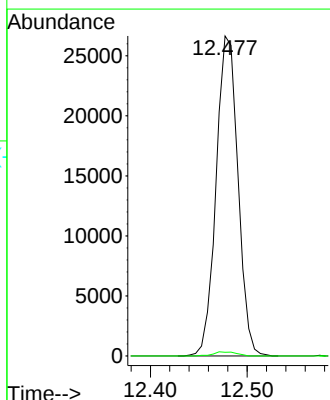
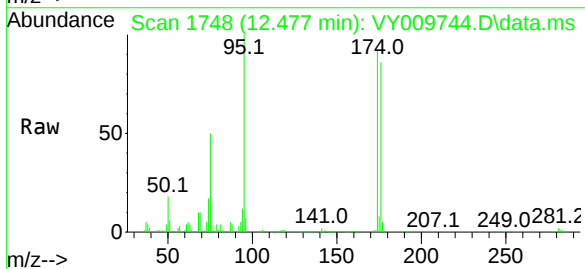
Instrument :
MSVOA_Y
ClientSampleId :
RVE-20

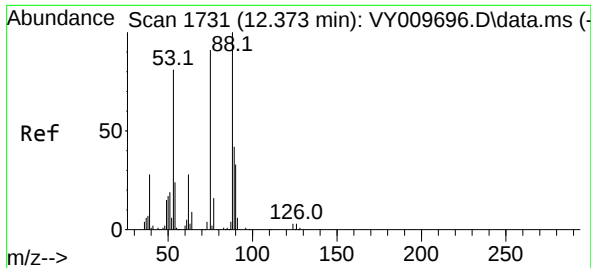
Tgt Ion:152 Resp: 132880
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 33.827 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009744.D
Acq: 28 Jul 2022 12:30

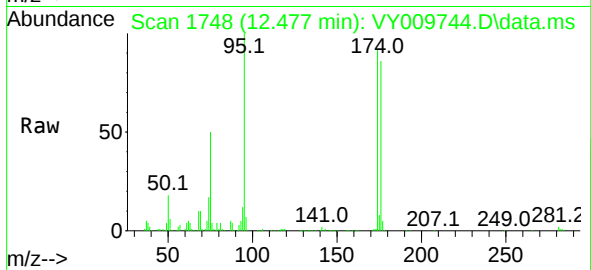
Tgt Ion: 75 Resp: 41751
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.426 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009744.D
 Acq: 28 Jul 2022 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-20



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#

