

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009726.D
 Acq On : 27 Jul 2022 15:52
 Operator : KP/MD
 Sample : N3896-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-64

Quant Time: Jul 28 02:46:00 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)

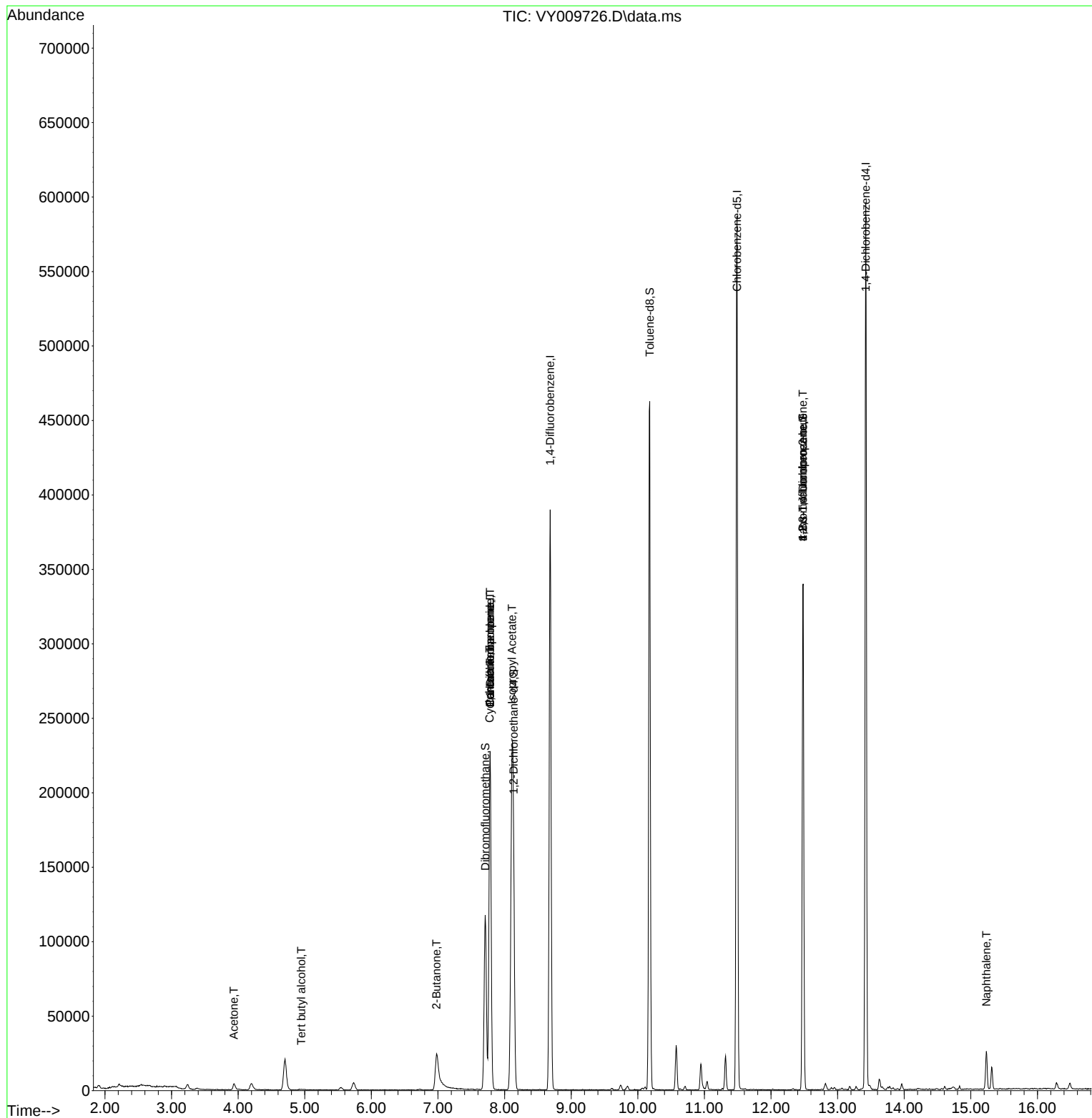
Internal Standards						
1) Pentafluorobenzene	7.783	168	189610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83524	68.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.080%
35) Dibromofluoromethane	7.710	113	82851	43.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.179	98	304938	56.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.020%
62) 4-Bromofluorobenzene	12.477	95	99438	39.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.500%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	935	4.212	ug/l #	77
16) Acetone	3.936	43	7049	15.549	ug/l	90
18) Methyl Acetate	4.472	43	197	Below Cal	#	56
20) Methylene Chloride	4.704	84	15760	Below Cal	#	82
25) 2-Butanone	6.978	43	1722	2.575	ug/l #	77
31) Cyclohexane	7.777	56	3403	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12183	3.969	ug/l #	52
38) Carbon Tetrachloride	7.783	117	16738	5.089	ug/l #	16
43) Isopropyl Acetate	8.112	43	4503	1.417	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	50092	34.044	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50092	67.860	ug/l #	7
95) Naphthalene	15.233	128	22728	4.074	ug/l	98

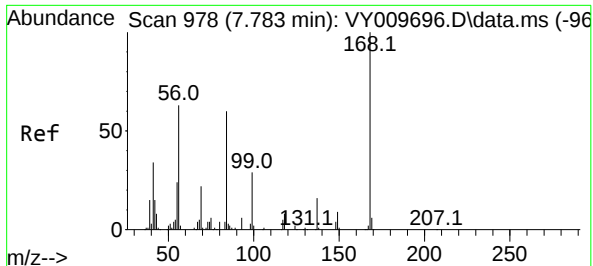
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009726.D
Acq On : 27 Jul 2022 15:52
Operator : KP/MD
Sample : N3896-07
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

Quant Time: Jul 28 02:46:00 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

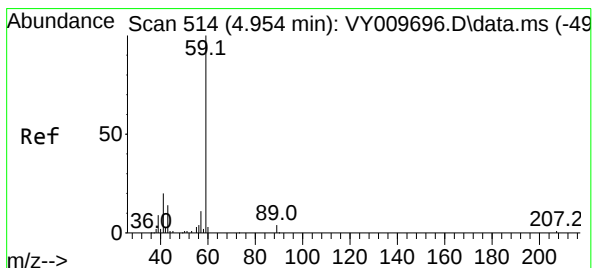
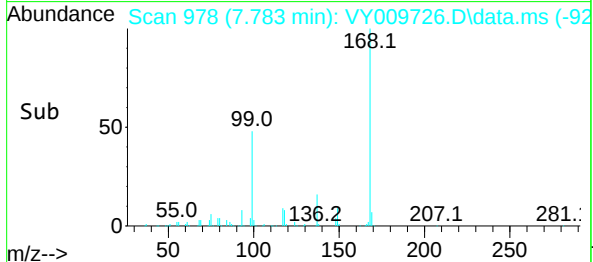
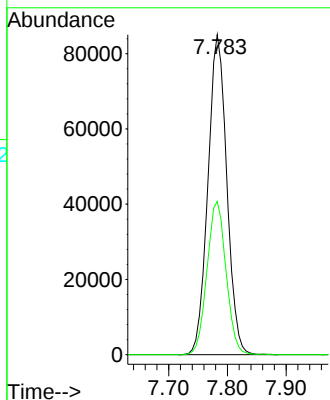
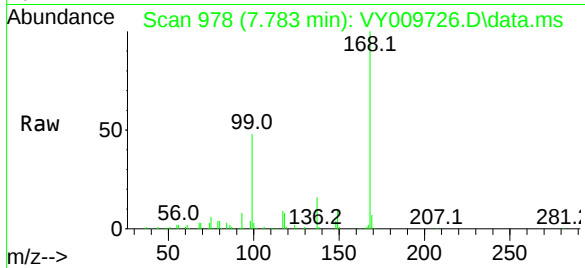




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

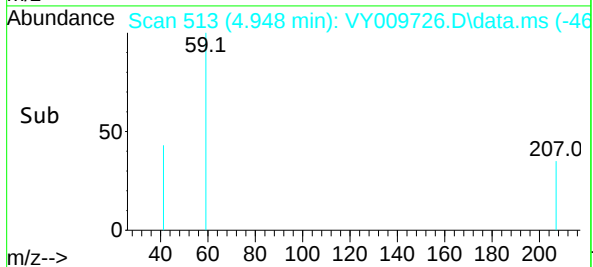
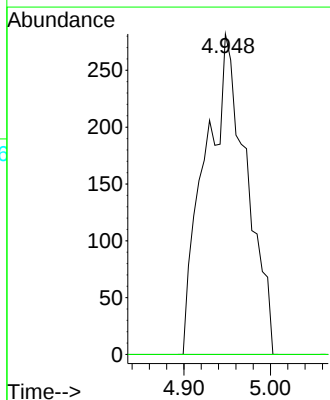
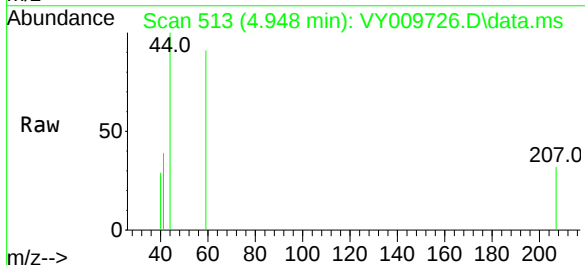
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

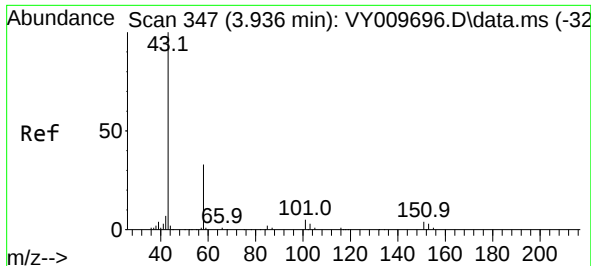
Tgt Ion:168 Resp: 189610
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.212 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 59 Resp: 935
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 15.549 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009726.D

Acq: 27 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

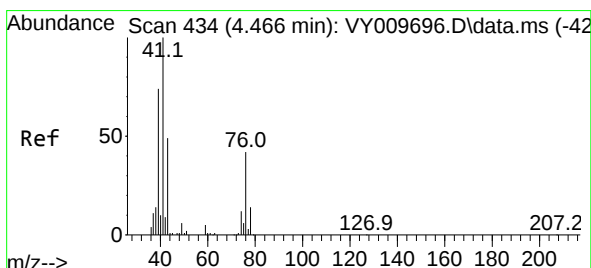
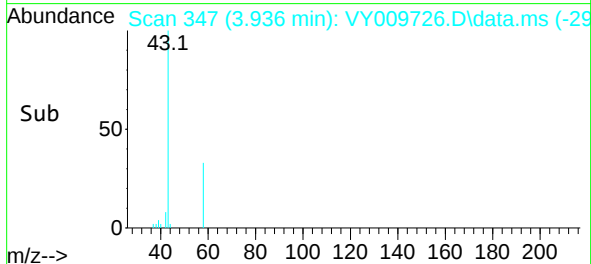
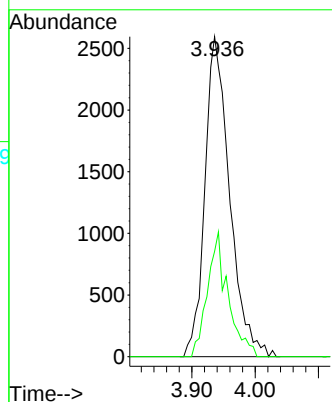
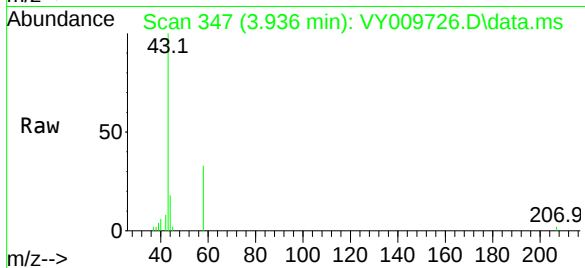
RVE-64

Tgt Ion: 43 Resp: 7049

Ion Ratio Lower Upper

43 100

58 32.9 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009726.D

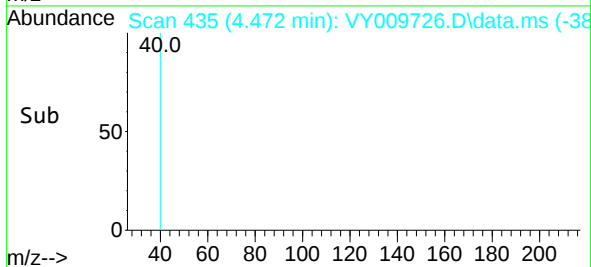
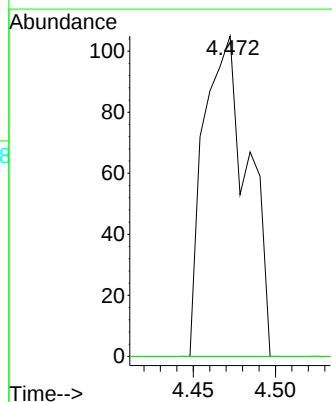
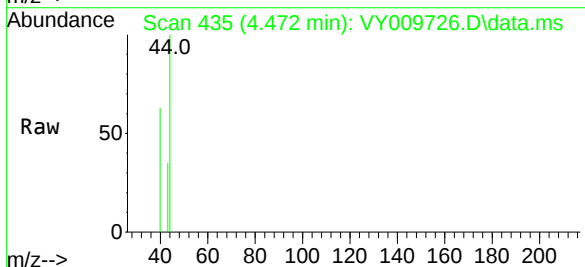
Acq: 27 Jul 2022 15:52

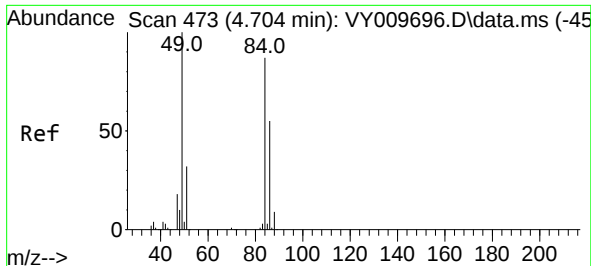
Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

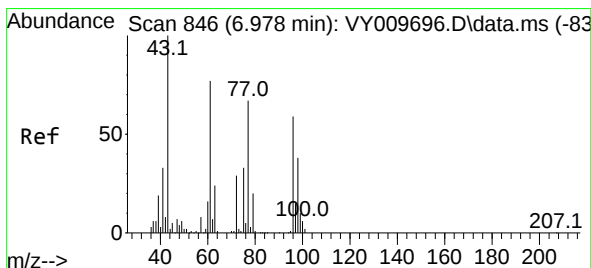
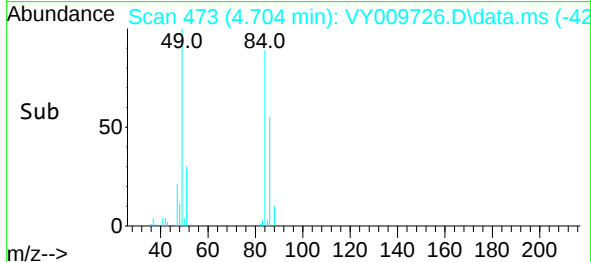
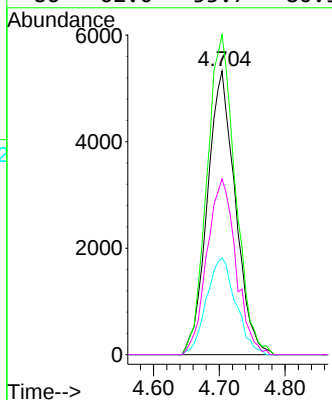
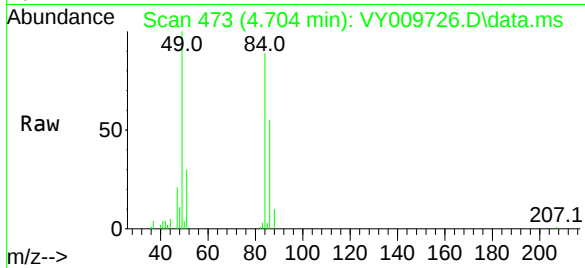




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

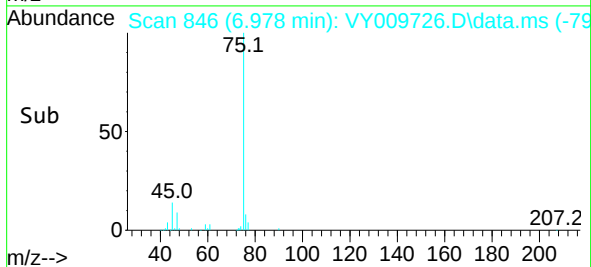
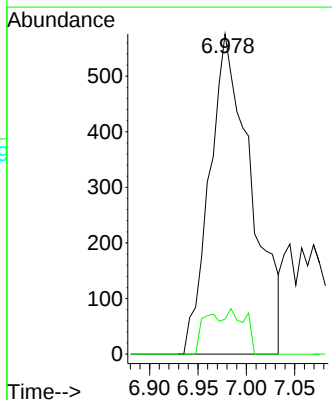
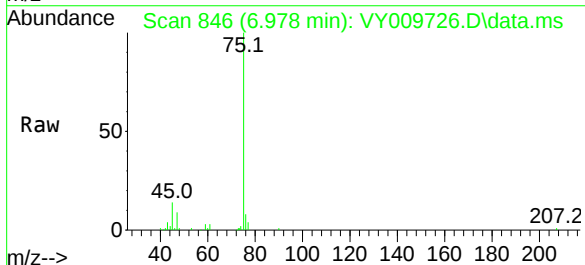
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

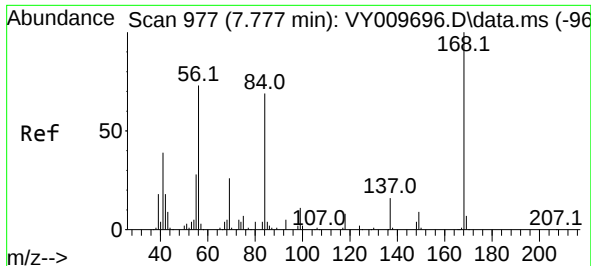
Tgt Ion: 84 Resp: 15760
Ion Ratio Lower Upper
84 100
49 112.8 114.4 171.6#
51 34.1 35.3 52.9#
86 62.0 53.7 80.5



#25
2-Butanone
Concen: 2.575 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
72 10.9 17.7 26.5#

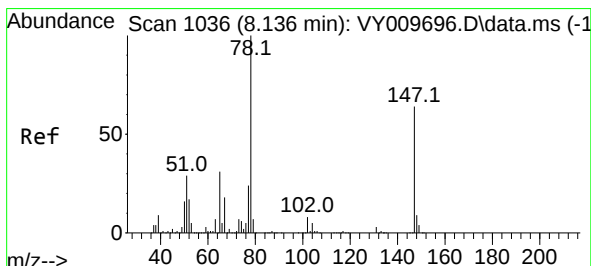
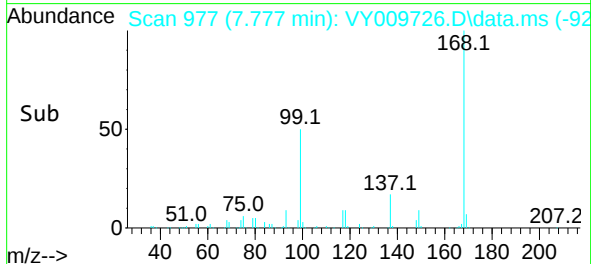
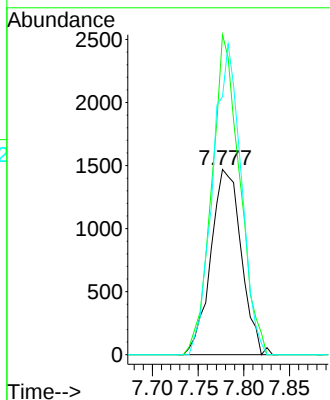
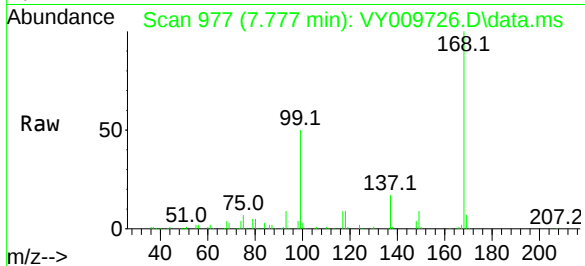




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

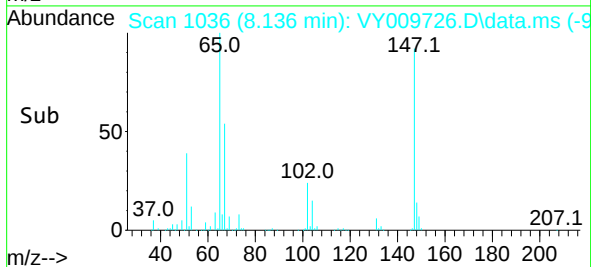
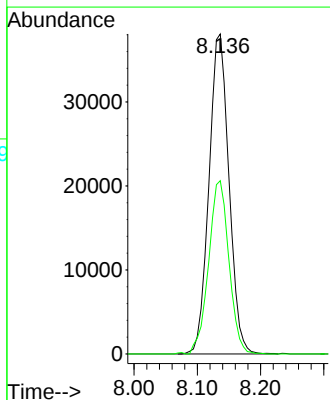
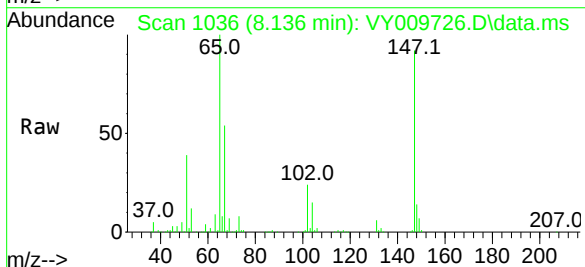
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

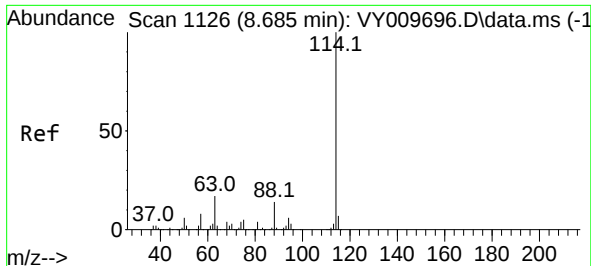
Tgt Ion: 56 Resp: 3403
Ion Ratio Lower Upper
56 100
69 172.8 26.7 40.1#
84 139.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.044 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 65 Resp: 83524
Ion Ratio Lower Upper
65 100
67 55.1 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: VY009726.D

Acq: 27 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

RVE-64

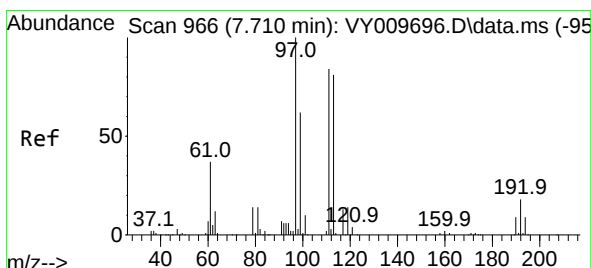
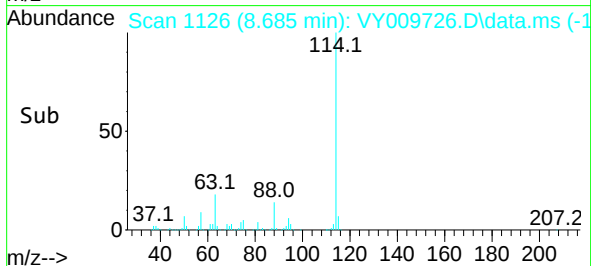
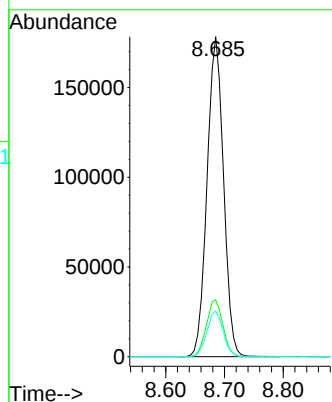
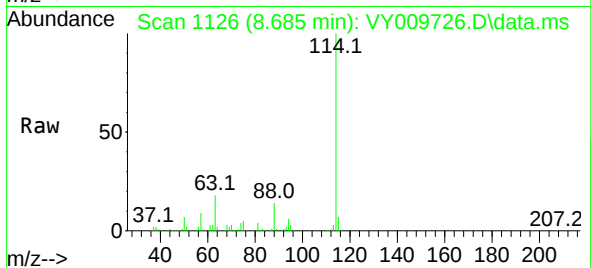
Tgt Ion:114 Resp: 346865

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.918 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009726.D

Acq: 27 Jul 2022 15:52

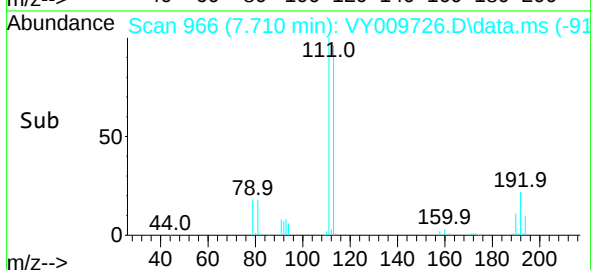
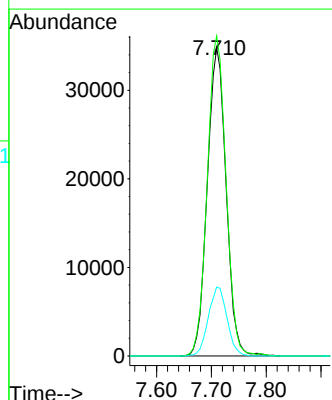
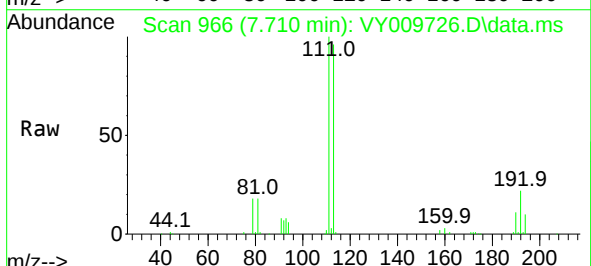
Tgt Ion:113 Resp: 82851

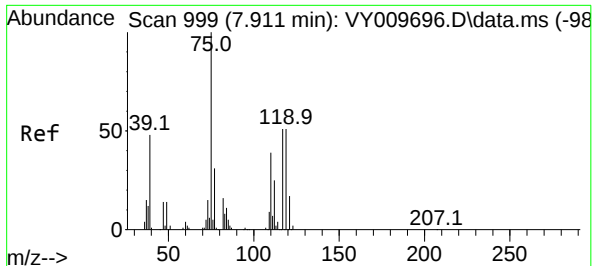
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.1 17.6 26.4

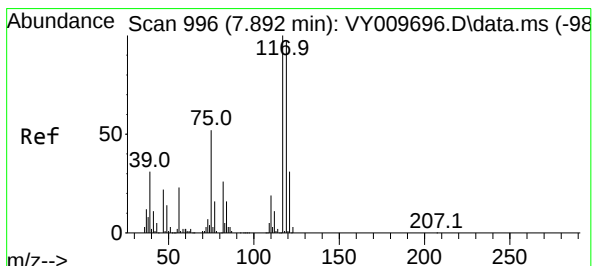
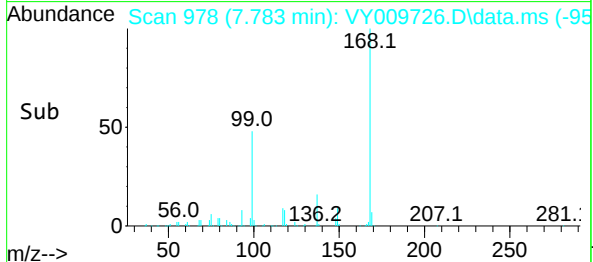
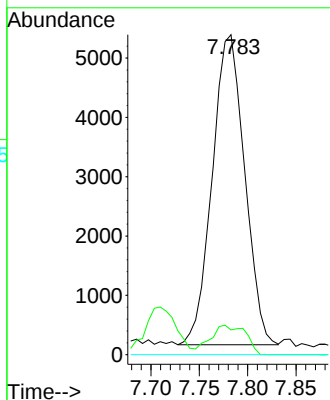
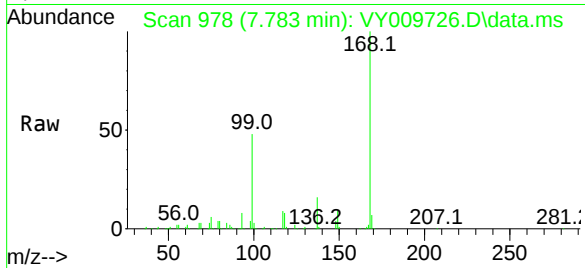




#36
 1,1-Dichloropropene
 Concen: 3.969 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009726.D
 Acq: 27 Jul 2022 15:52

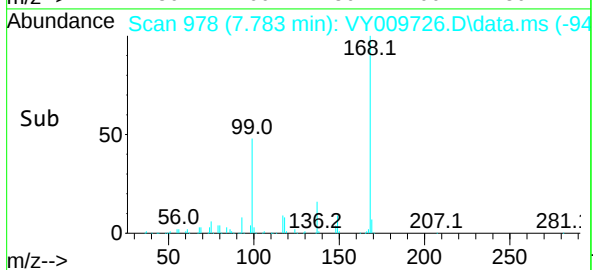
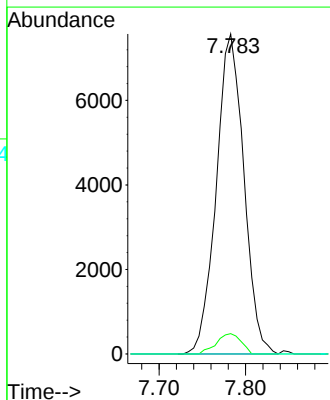
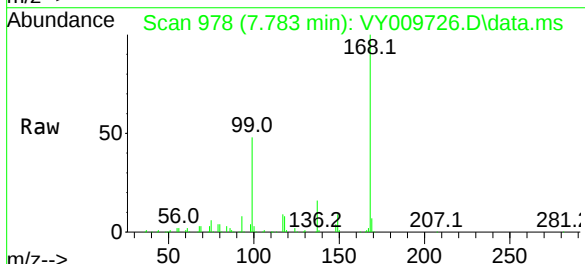
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-64

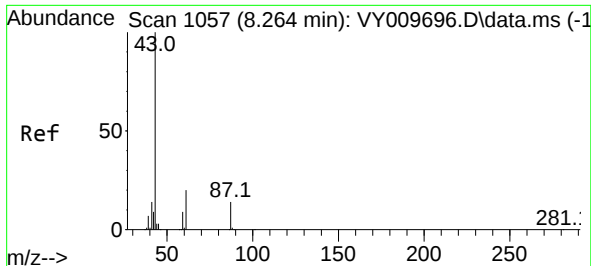
Tgt Ion: 75 Resp: 12183
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.089 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY009726.D
 Acq: 27 Jul 2022 15:52

Tgt Ion: 117 Resp: 16738
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.9 116.9#
 121 0.0 24.8 37.2#

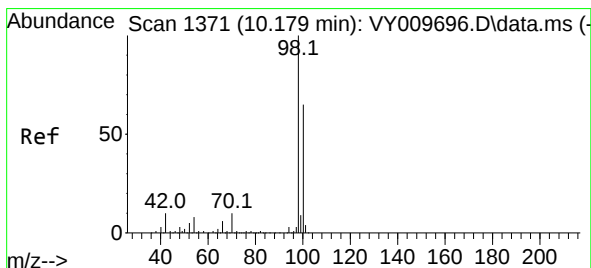
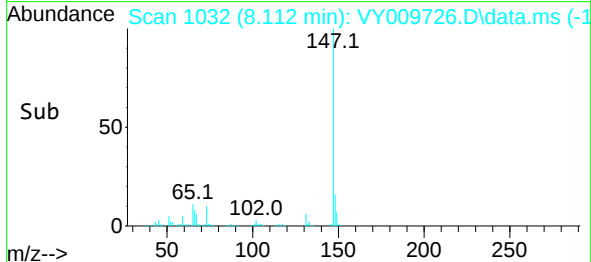
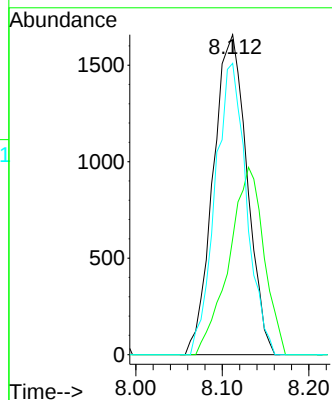
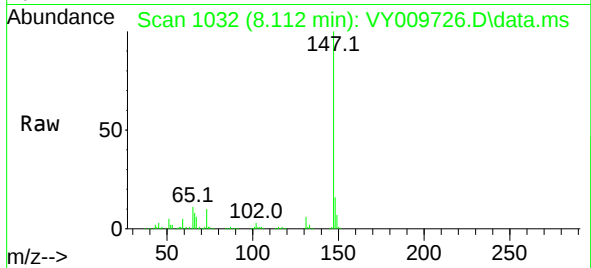




#43
Isopropyl Acetate
Concen: 1.417 ug/l
RT: 8.112 min Scan# 1057
Delta R.T. -0.152 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

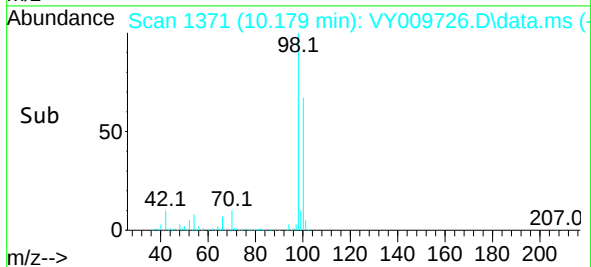
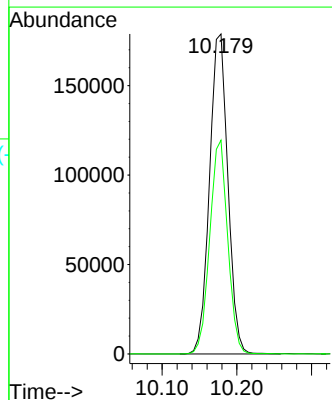
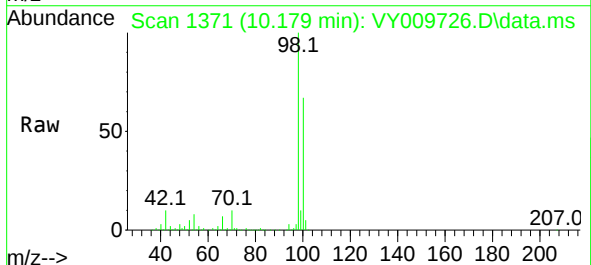
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

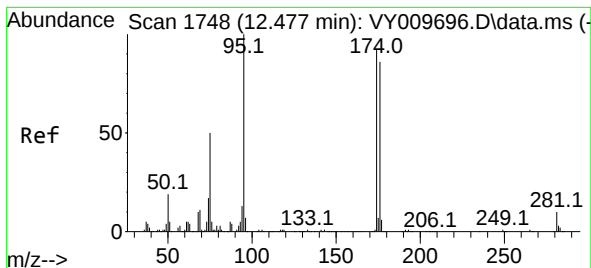
Tgt Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
61 60.2 20.2 30.2#
87 84.5 8.9 13.3#



#50
Toluene-d8
Concen: 56.012 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 98 Resp: 304938
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

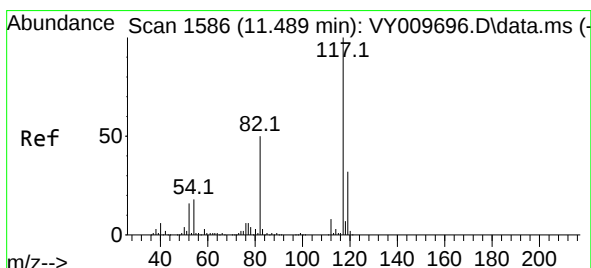
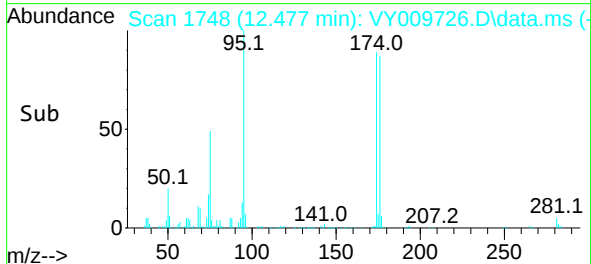
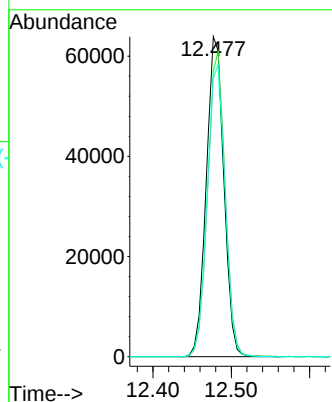
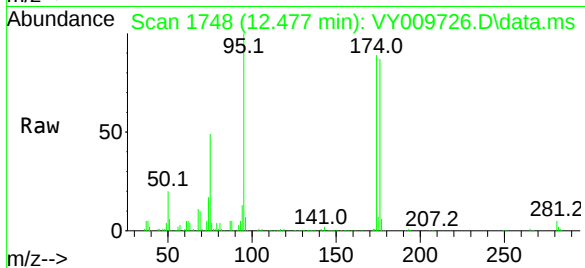




#62
4-Bromofluorobenzene
Concen: 39.752 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

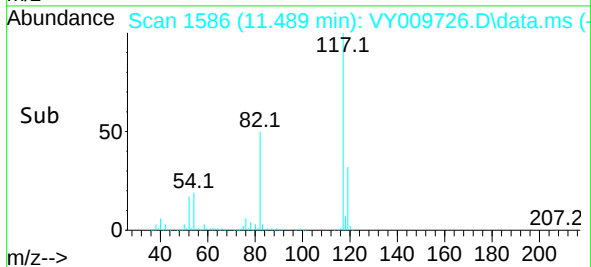
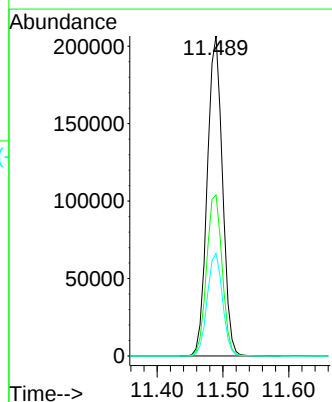
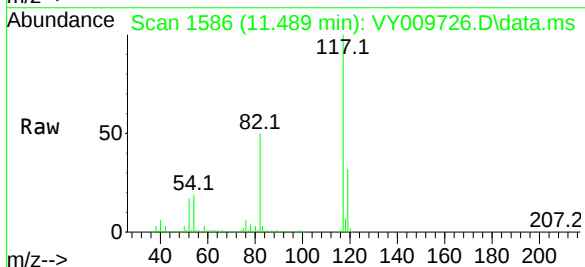
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

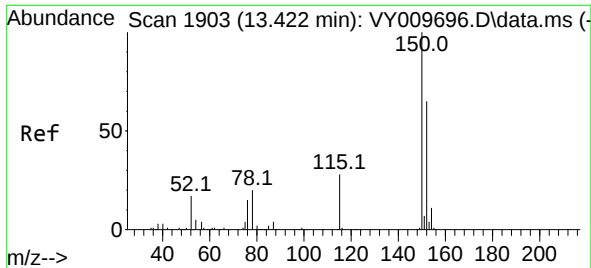
Tgt Ion: 95 Resp: 99438
Ion Ratio Lower Upper
95 100
174 95.5 0.0 177.0
176 92.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 117 Resp: 332479
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.1 25.4 38.0

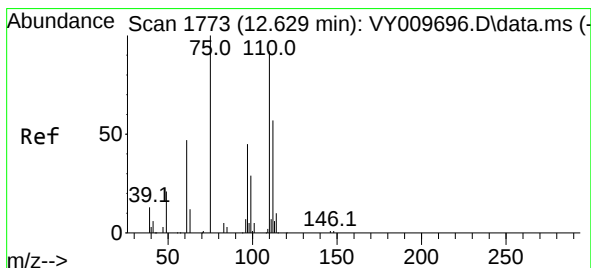
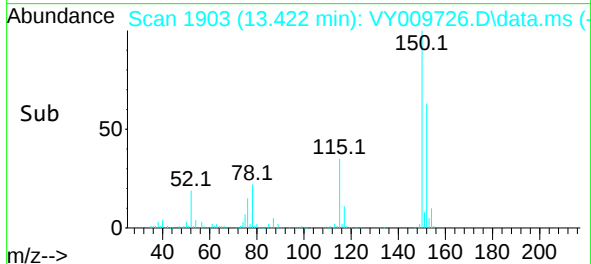
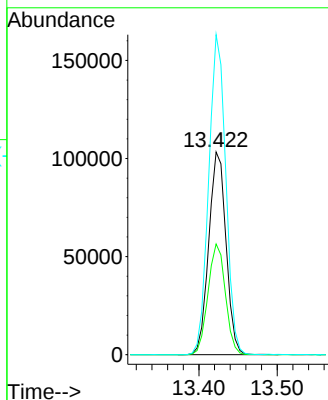
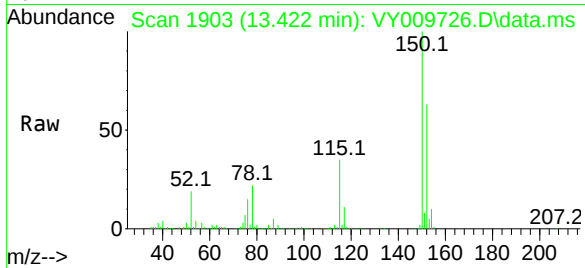




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

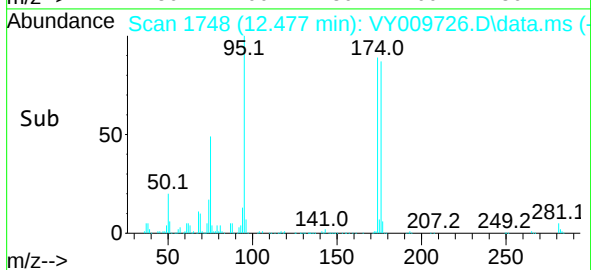
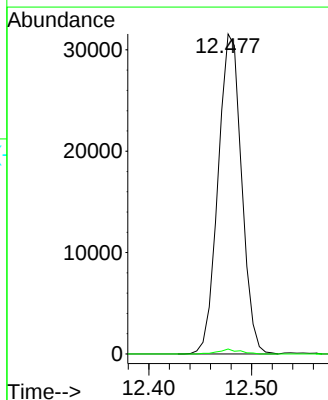
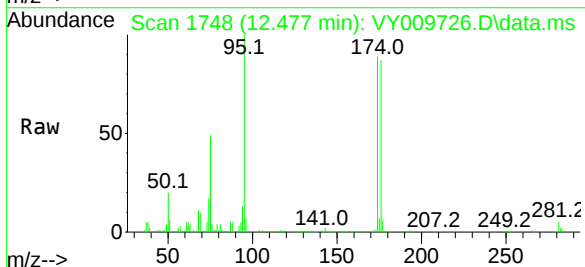
Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

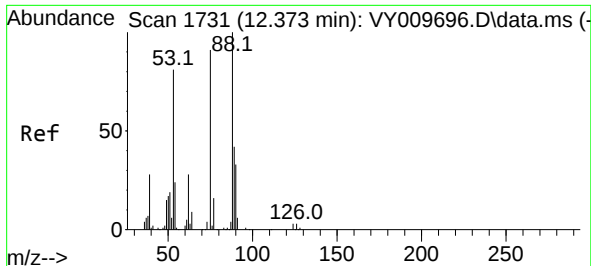
Tgt Ion:152 Resp: 158408
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 34.044 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 75 Resp: 50092
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

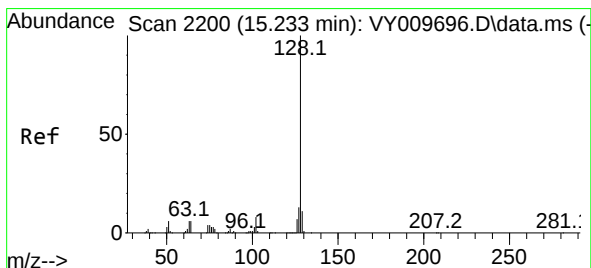
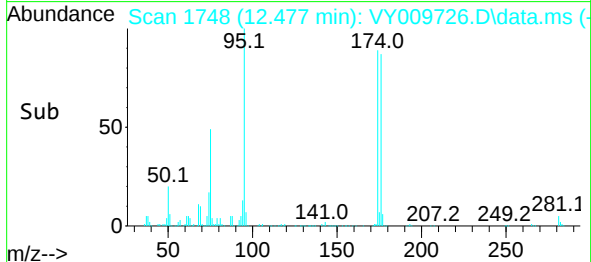
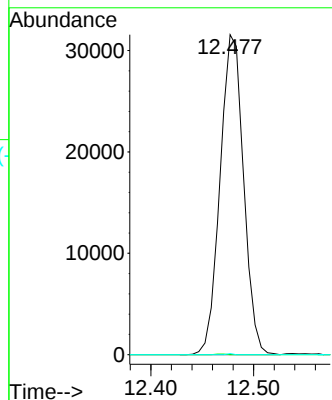
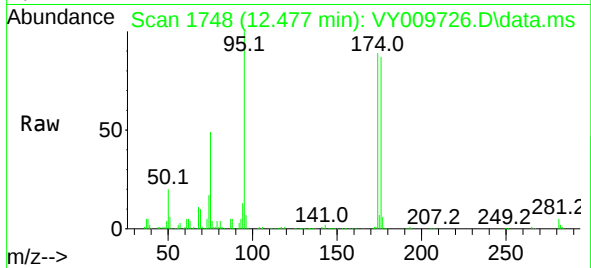




#81
trans-1,4-Dichloro-2-butene
Concen: 67.860 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Instrument :
MSVOA_Y
ClientSampleId :
RVE-64

Tgt Ion: 75 Resp: 50092
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.074 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009726.D
Acq: 27 Jul 2022 15:52

Tgt Ion: 128 Resp: 22728
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.7 8.4 12.6

