

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009785.D
 Acq On : 29 Jul 2022 20:10
 Operator : KP/MD
 Sample : N3931-13
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-124

Quant Time: Aug 01 01:17:14 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)

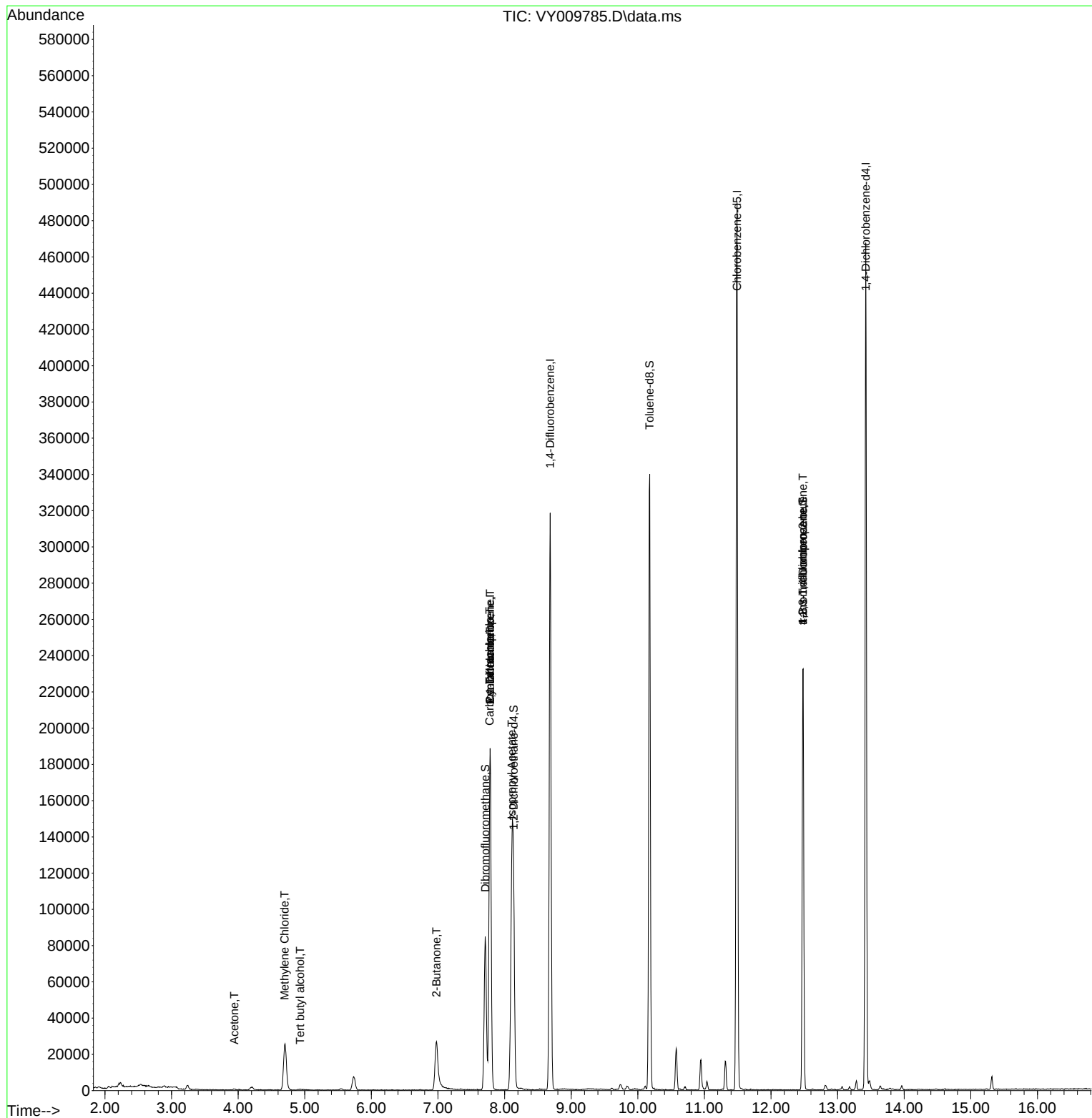
Internal Standards						
1) Pentafluorobenzene	7.782	168	156972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	276818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	280923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61647	60.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.080%	
35) Dibromofluoromethane	7.709	113	59302	39.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.780%	
50) Toluene-d8	10.178	98	226525	51.817	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.477	95	64645	32.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 64.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.929	59	470	2.236	ug/l	# 77
16) Acetone	3.942	43	938	2.499	ug/l	# 79
18) Methyl Acetate	4.466	43	261	Below Cal	#	56
20) Methylene Chloride	4.698	84	19835	1.644	ug/l	# 79
25) 2-Butanone	6.978	43	1669	3.014	ug/l	# 87
31) Cyclohexane	7.782	56	2869	1.149	ug/l	# 1
36) 1,1-Dichloropropene	7.782	75	10564	4.312	ug/l	# 52
38) Carbon Tetrachloride	7.776	117	14209	5.413	ug/l	# 15
43) Isopropyl Acetate	8.106	43	2696	1.063	ug/l	# 6
76) 1,2,3-Trichloropropane	12.477	75	32566	28.537	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	32566	56.882	ug/l	# 7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
Data File : VY009785.D
Acq On : 29 Jul 2022 20:10
Operator : KP/MD
Sample : N3931-13
Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

Quant Time: Aug 01 01:17:14 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

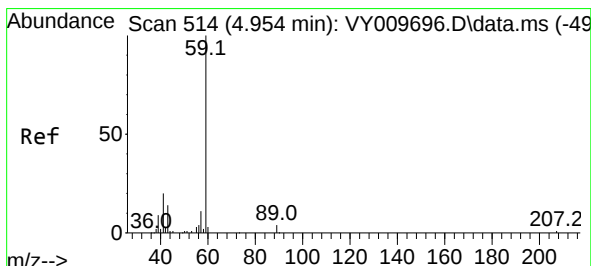
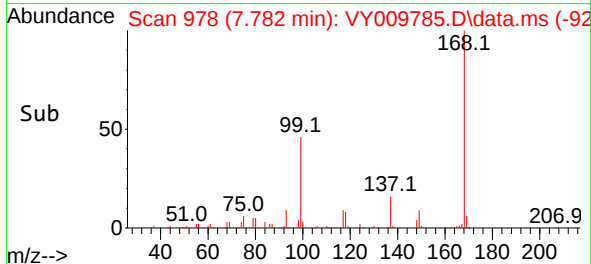
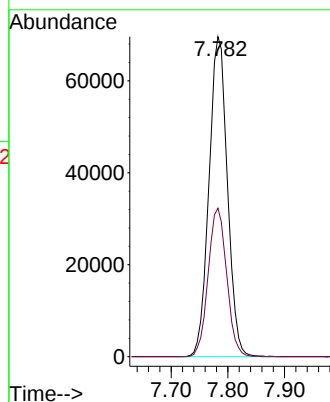
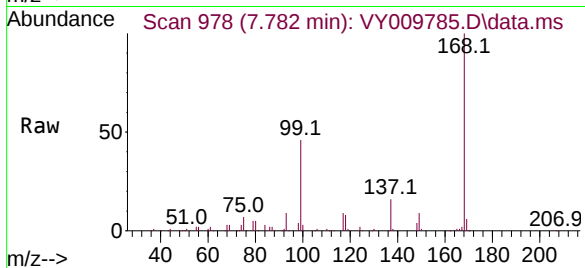




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

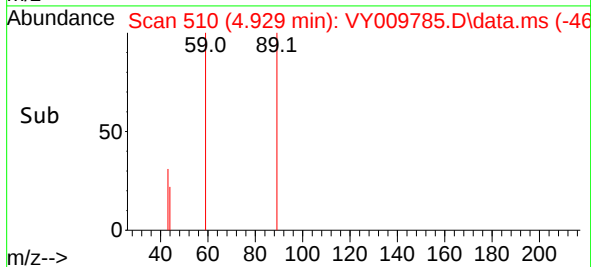
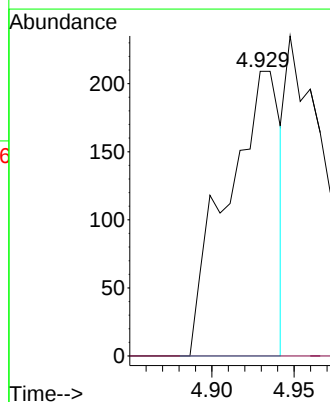
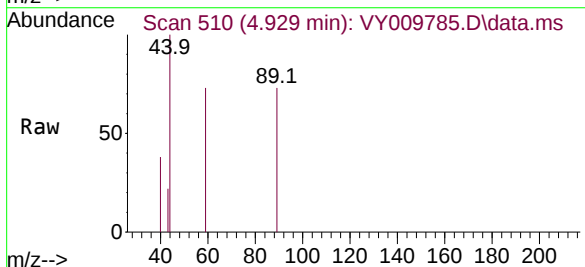
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

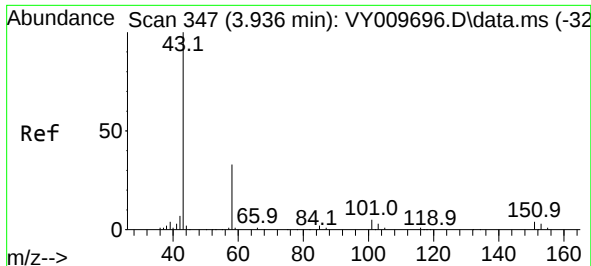
Tgt Ion:168 Resp: 156972
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#11
Tert butyl alcohol
Concen: 2.236 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 59 Resp: 470
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.499 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009785.D

Acq: 29 Jul 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

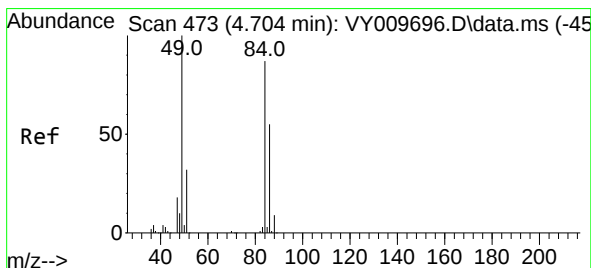
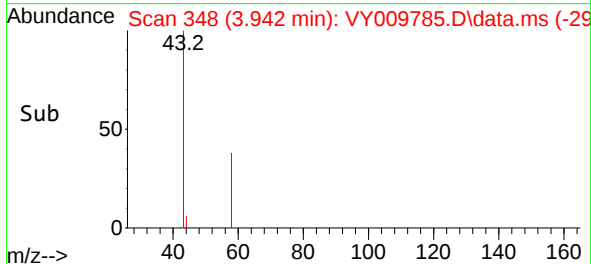
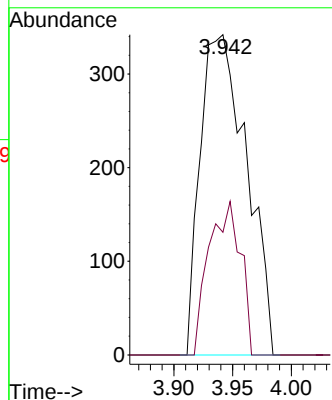
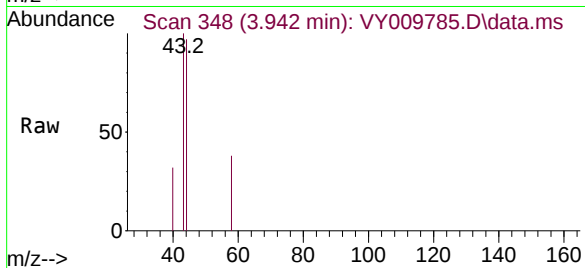
RVE-124

Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

58 38.3 22.0 33.0#



#20

Methylene Chloride

Concen: 1.644 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY009785.D

Acq: 29 Jul 2022 20:10

Tgt Ion: 84 Resp: 19835

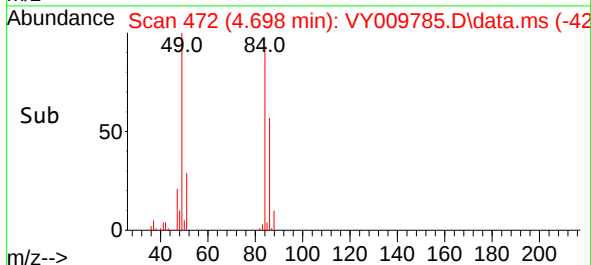
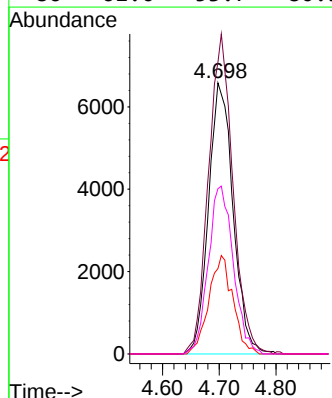
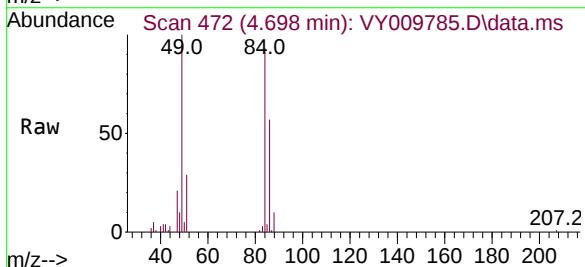
Ion Ratio Lower Upper

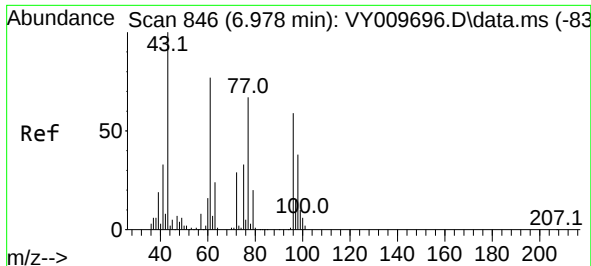
84 100

49 107.7 114.4 171.6#

51 31.5 35.3 52.9#

86 61.0 53.7 80.5

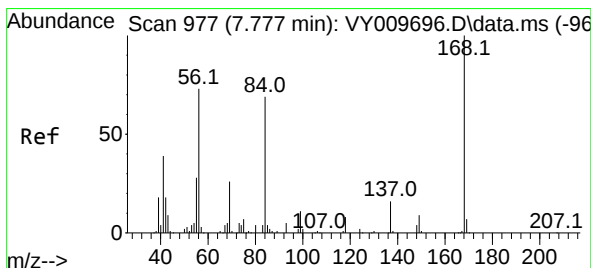
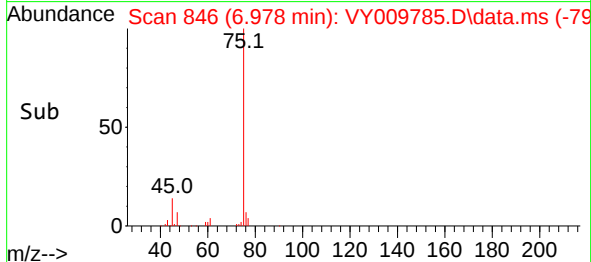
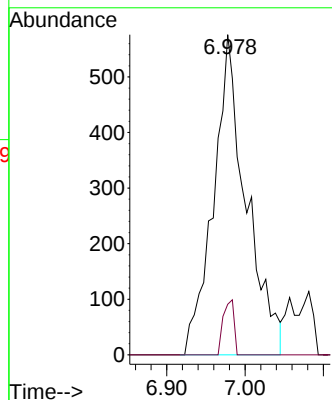
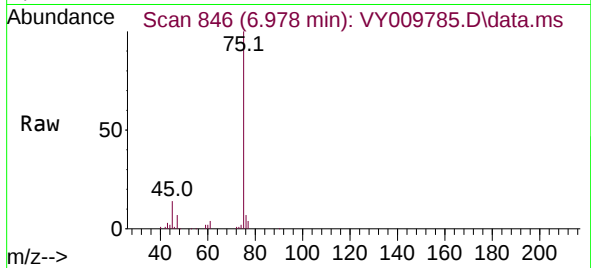




#25
2-Butanone
Concen: 3.014 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

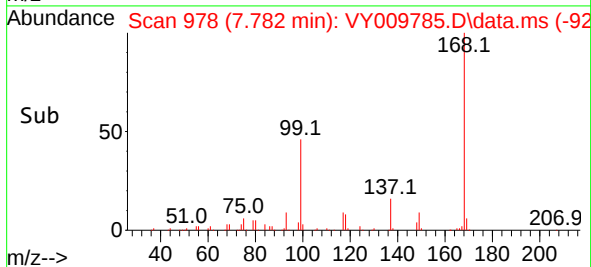
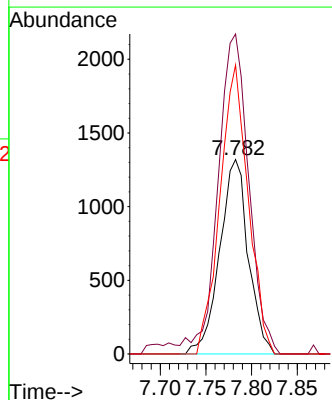
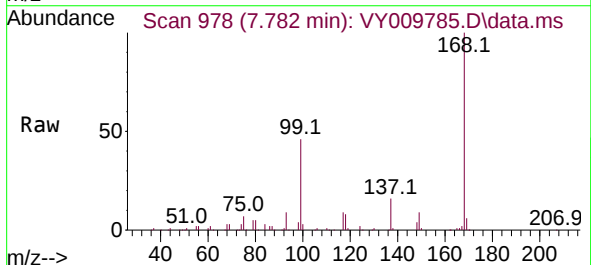
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

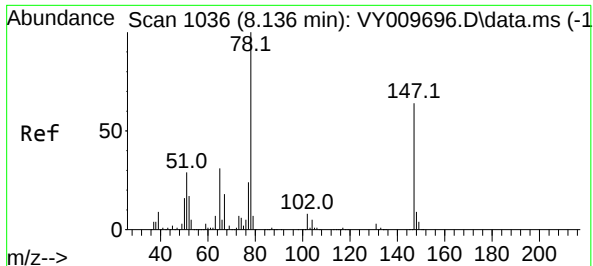
Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
72 15.8 17.7 26.5#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.005 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 56 Resp: 2869
Ion Ratio Lower Upper
56 100
69 164.5 26.7 40.1#
84 148.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.040 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009785.D

Acq: 29 Jul 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

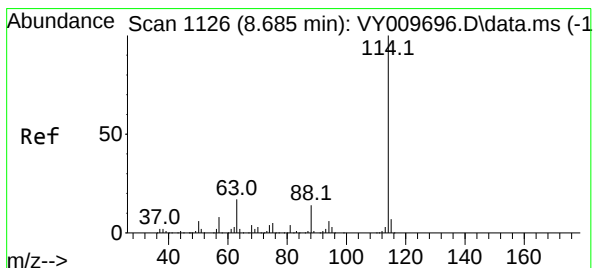
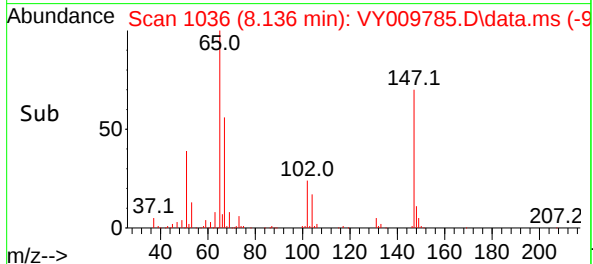
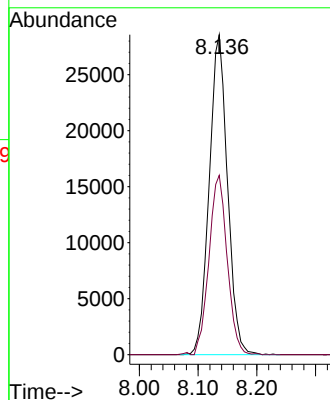
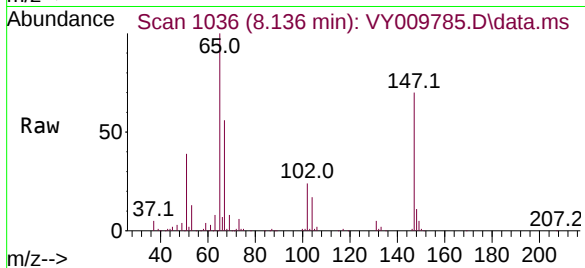
RVE-124

Tgt Ion: 65 Resp: 61647

Ion Ratio Lower Upper

65 100

67 56.1 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: VY009785.D

Acq: 29 Jul 2022 20:10

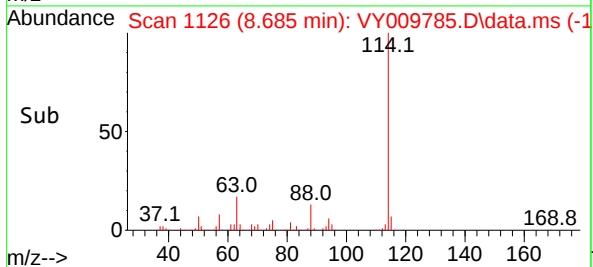
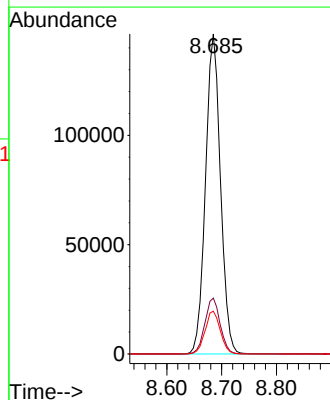
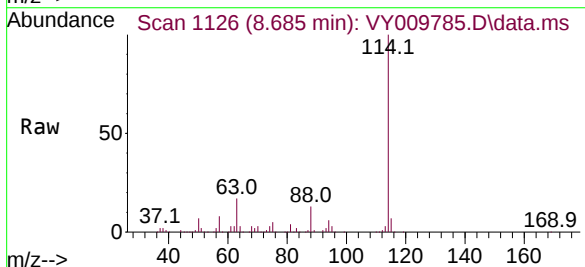
Tgt Ion: 114 Resp: 276818

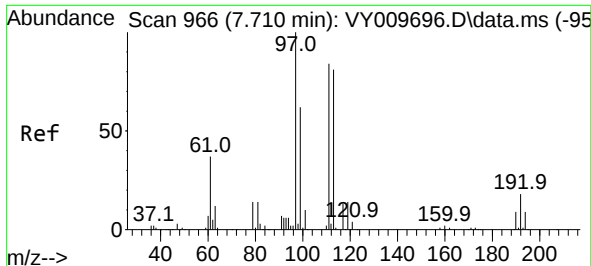
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 13.4 0.0 31.8

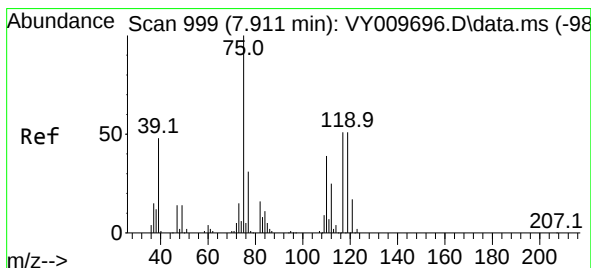
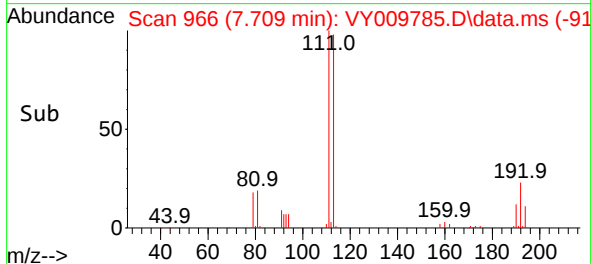
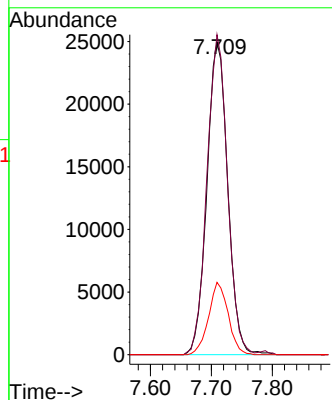
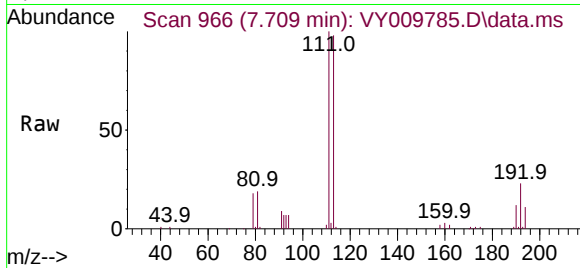




#35
Dibromofluoromethane
Concen: 39.389 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

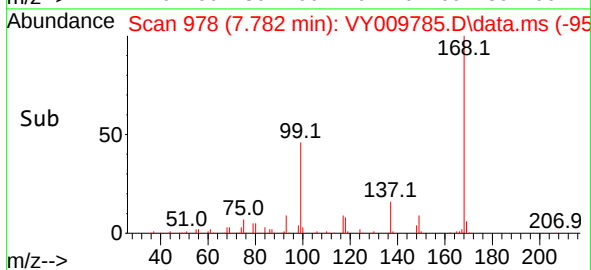
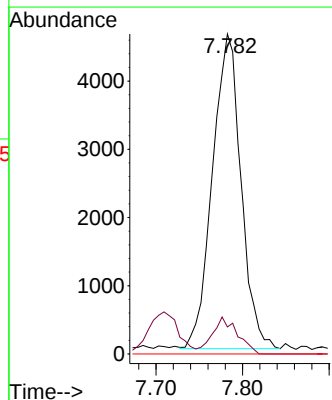
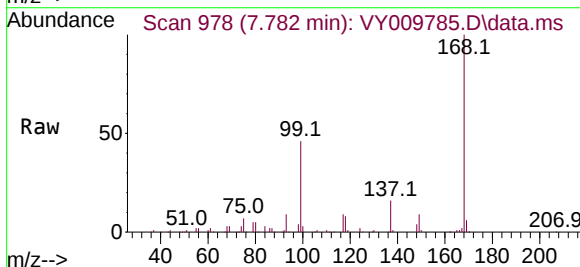
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

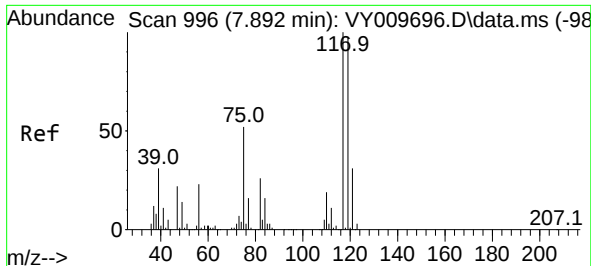
Tgt Ion:113 Resp: 59302
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.312 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 75 Resp: 10564
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#

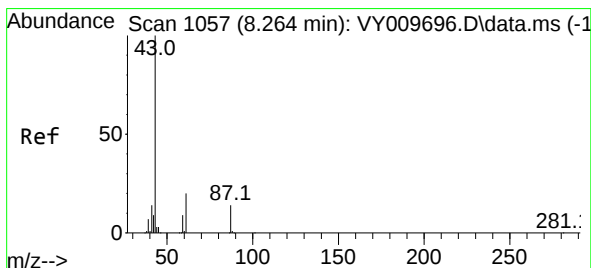
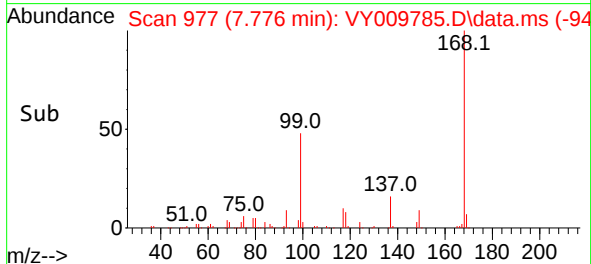
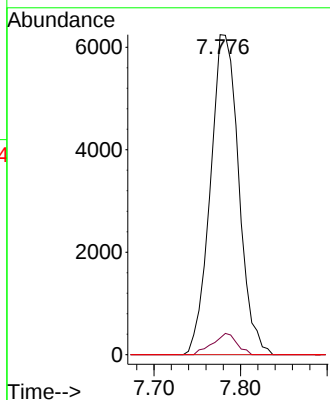
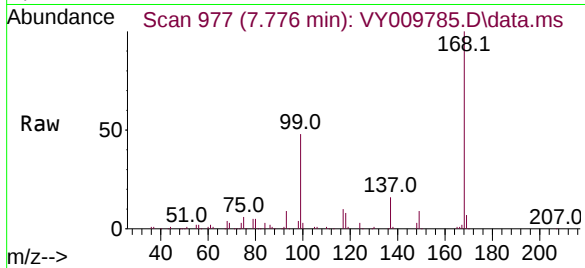




#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

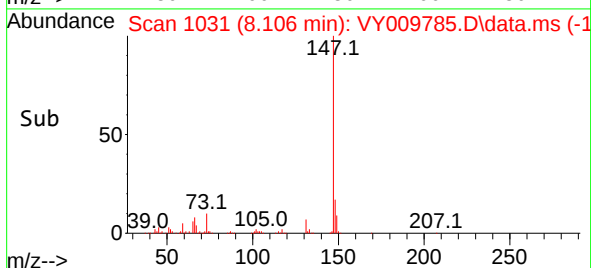
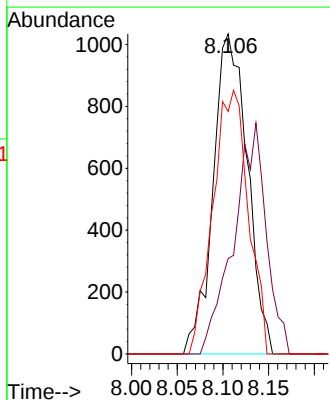
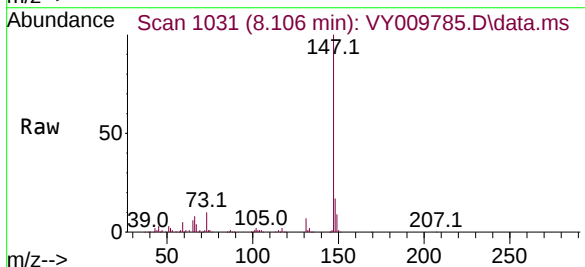
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

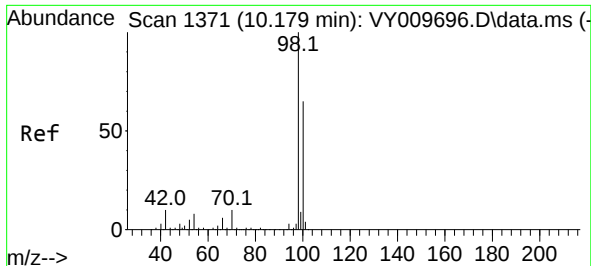
Tgt Ion:117 Resp: 14209
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.063 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 85.1 8.9 13.3#

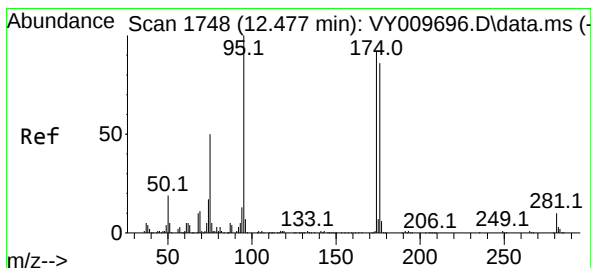
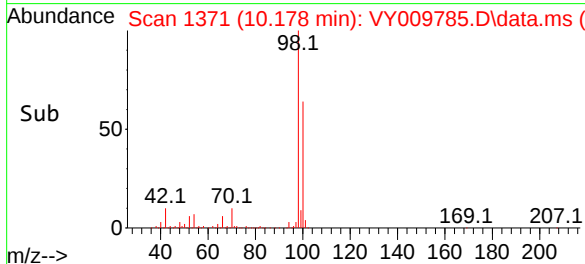
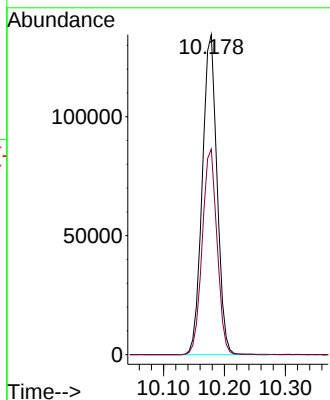
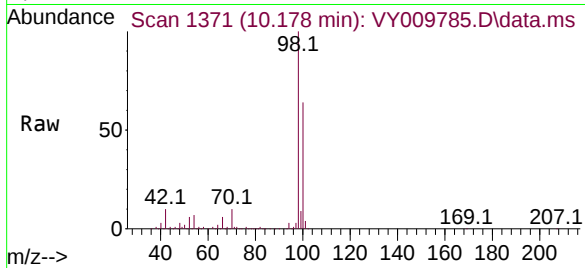




#50
Toluene-d8
Concen: 51.817 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

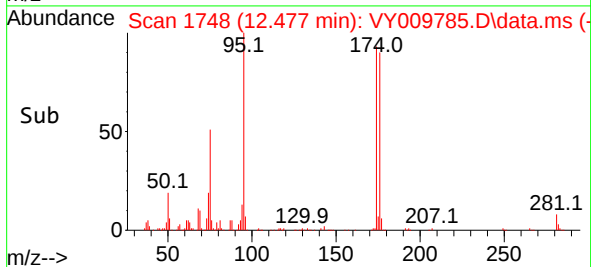
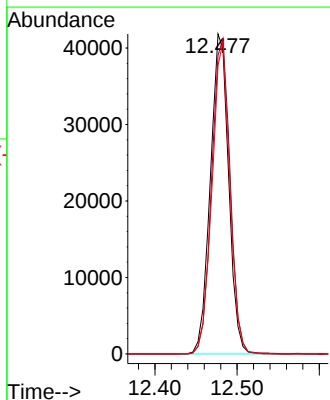
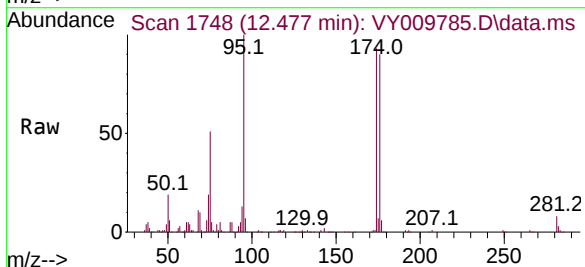
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

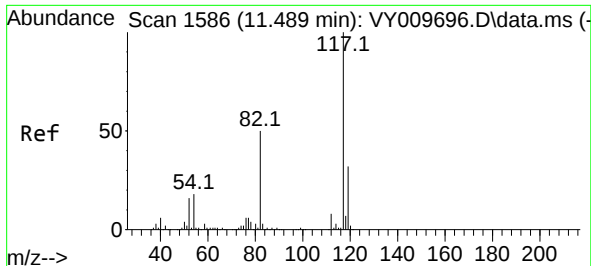
Tgt Ion: 98 Resp: 226525
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 95 Resp: 64645
Ion Ratio Lower Upper
95 100
174 99.6 0.0 177.0
176 94.9 0.0 175.8

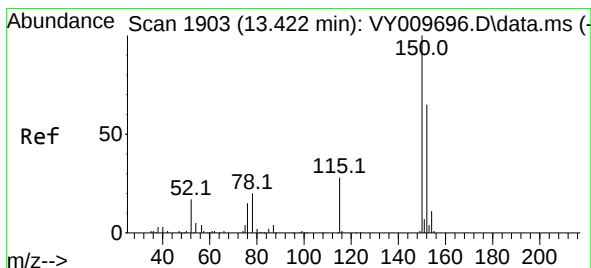
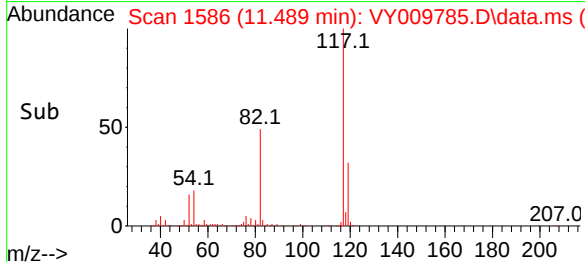
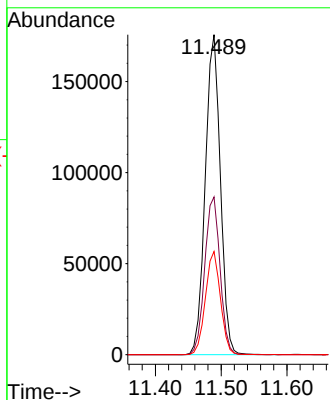
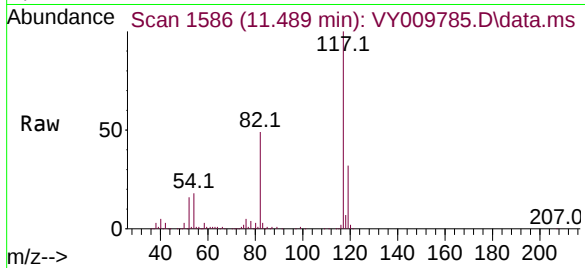




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

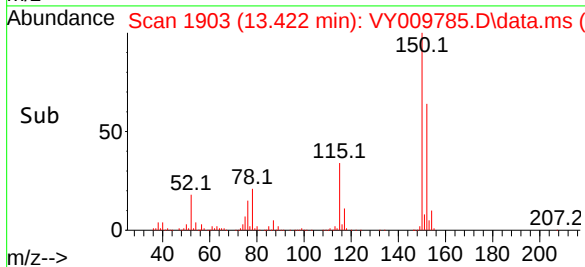
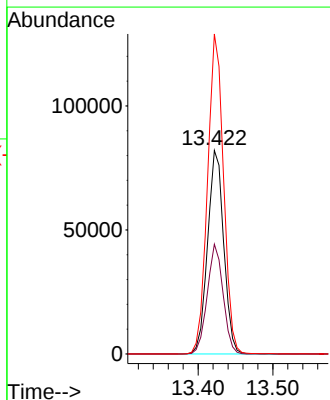
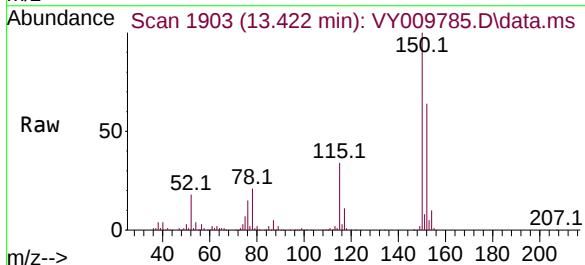
Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

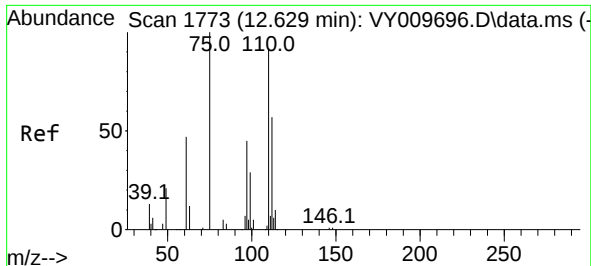
Tgt Ion:117 Resp: 280923
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion:152 Resp: 122861
Ion Ratio Lower Upper
152 100
115 52.8 28.2 84.7
150 156.1 0.0 347.6

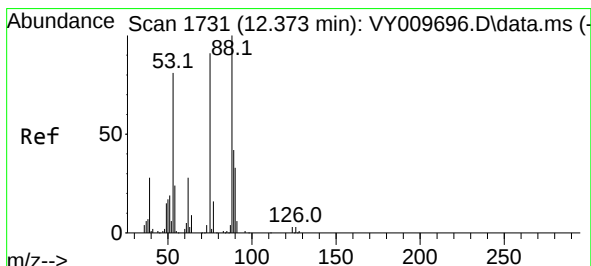
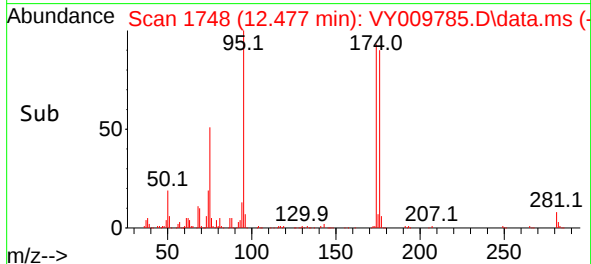
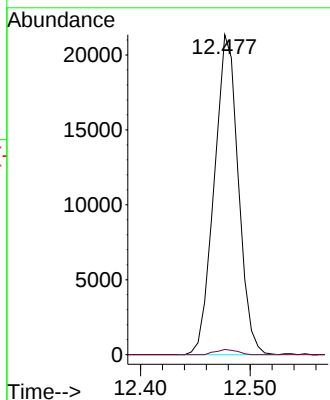
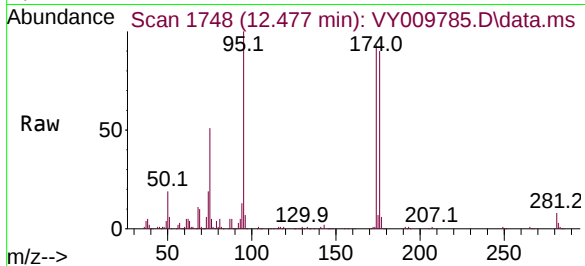




#76
1,2,3-Trichloropropane
Concen: 28.537 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
RVE-124

Tgt Ion: 75 Resp: 32566
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.882 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009785.D
Acq: 29 Jul 2022 20:10

Tgt Ion: 75 Resp: 32566
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

