

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019282.D
 Acq On : 27 Aug 2024 13:32
 Operator : SY/MD
 Sample : P3698-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 27 15:43:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

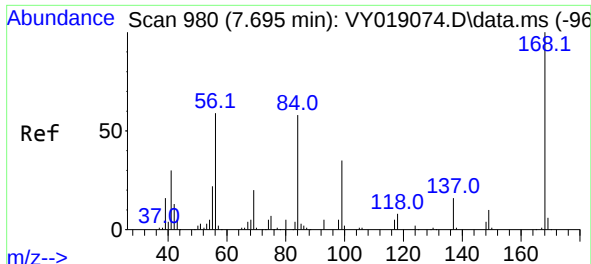
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	32692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	54851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	45997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	15800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	15219	46.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.880%		
35) Dibromofluoromethane	7.622	113	17456	48.672	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.103	98	59384	46.011	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.408	95	15911	36.163	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	72.320%		
Target Compounds						
5) Bromomethane	2.604	94	538	Below Cal	#	70
6) Chloroethane	2.763	64	19	Below Cal	#	42
11) Tert butyl alcohol	4.830	59	31	Below Cal	#	88
20) Methylene Chloride	4.598	84	5631	5.899	ug/l	91
31) Cyclohexane	7.689	56	648	Below Cal	#	3
36) 1,1-Dichloropropene	7.695	75	2841	5.769	ug/l	47
38) Carbon Tetrachloride	7.701	117	3301	5.784	ug/l	16
76) 1,2,3-Trichloropropane	12.408	75	8597	55.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.408	75	8597	136.261	ug/l	16
95) Naphthalene	15.151	128	586	1.154	ug/l	82
96) 1,2,3-Trichlorobenzene	15.328	180	323	1.346	ug/l	84

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

Quant Time: Aug 27 15:43:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

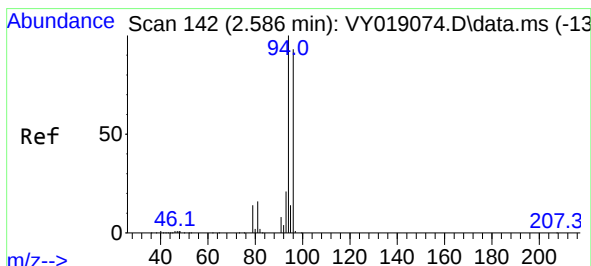
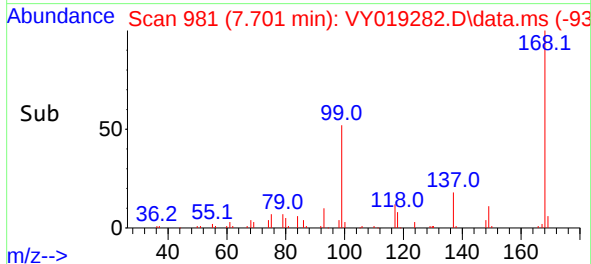
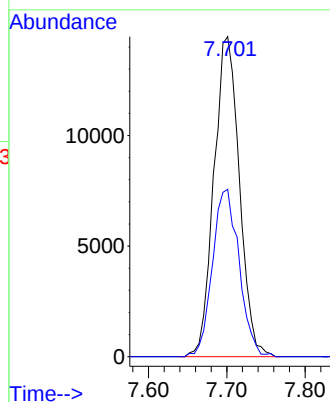
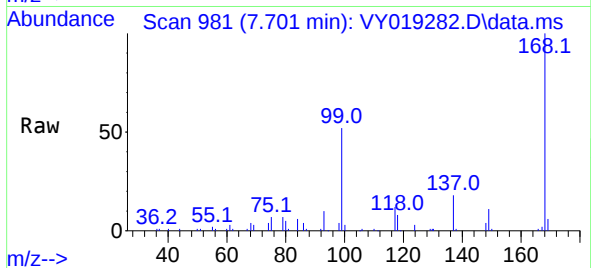




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

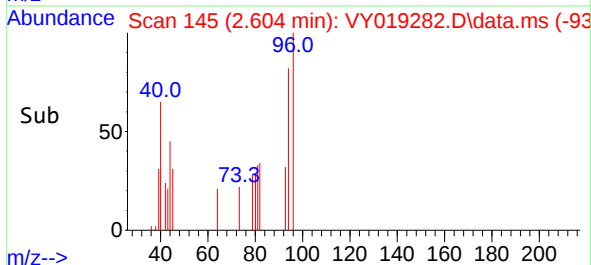
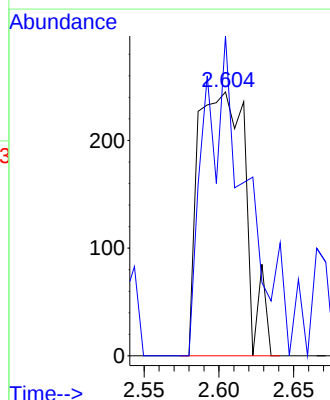
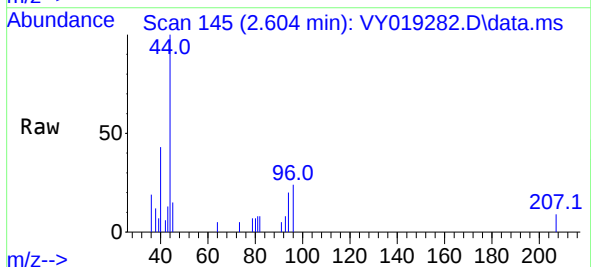
Instrument :
MSVOA_Y
ClientSampleId :

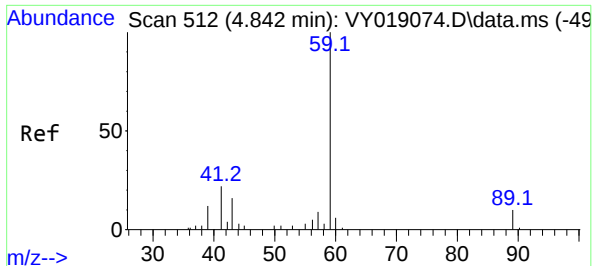
Tgt Ion:168 Resp: 32692
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 121.2 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019282.D

Acq: 27 Aug 2024 13:32

Instrument :

MSVOA_Y

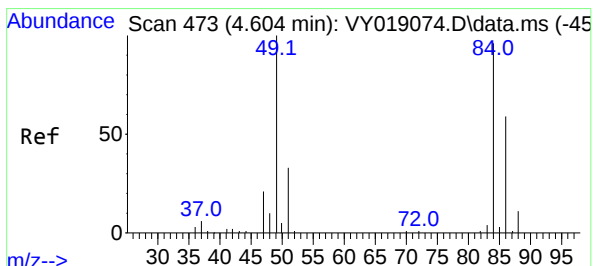
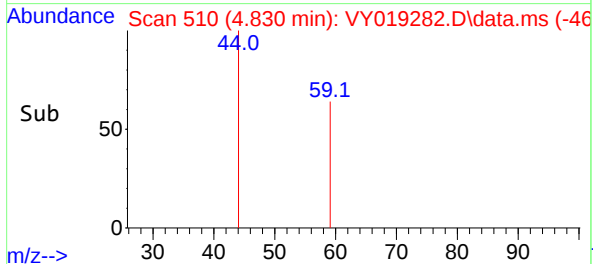
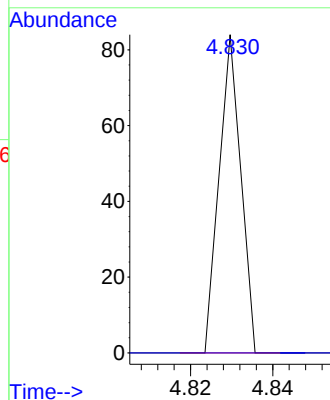
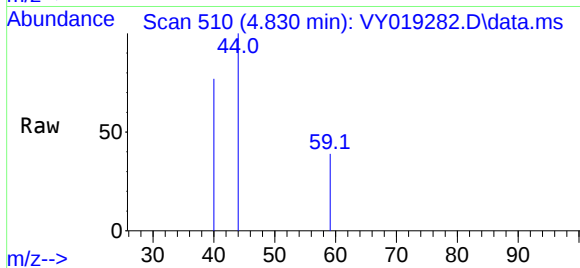
ClientSampleId :

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: 5.899 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019282.D

Acq: 27 Aug 2024 13:32

Tgt Ion: 84 Resp: 5631

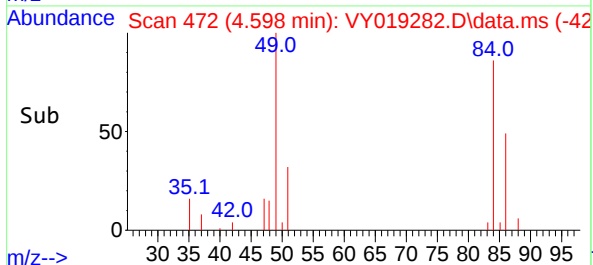
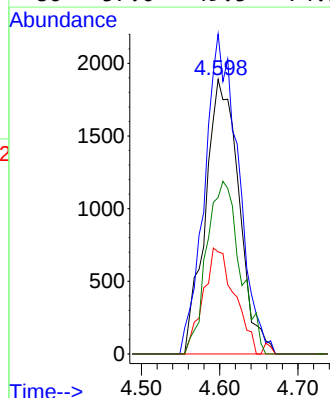
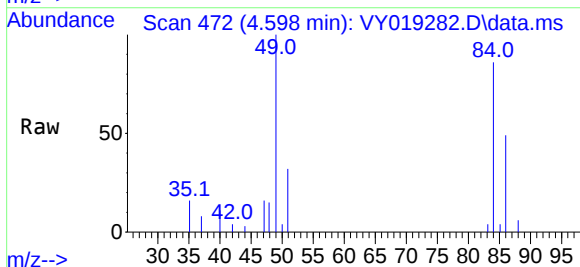
Ion Ratio Lower Upper

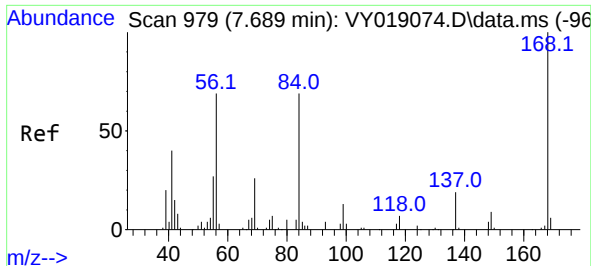
84 100

49 116.6 84.4 126.6

51 37.2 26.0 39.0

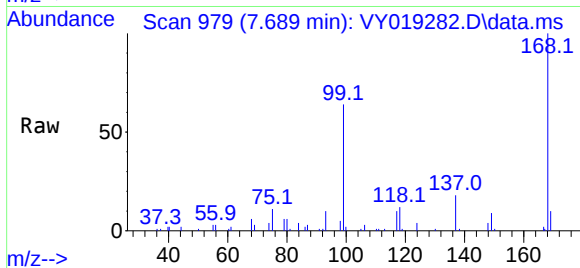
86 57.0 49.5 74.3



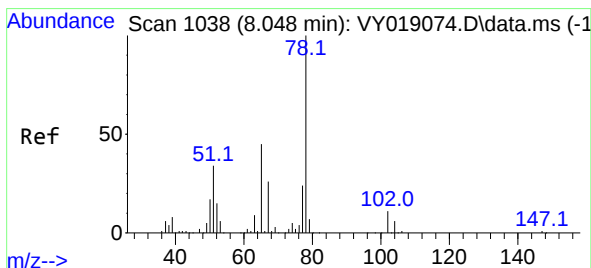
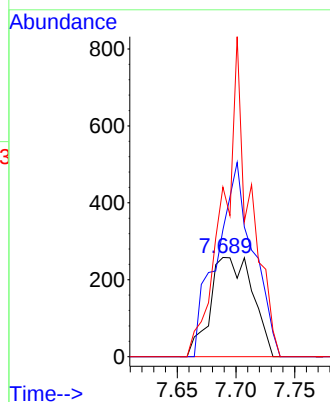
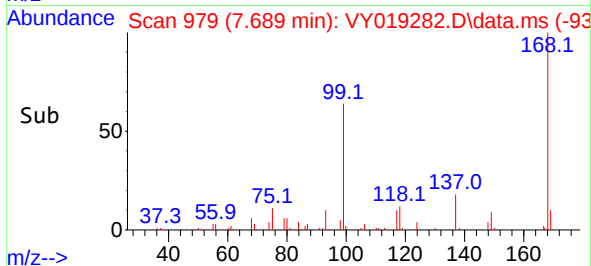


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

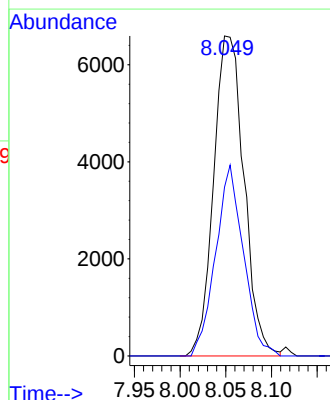
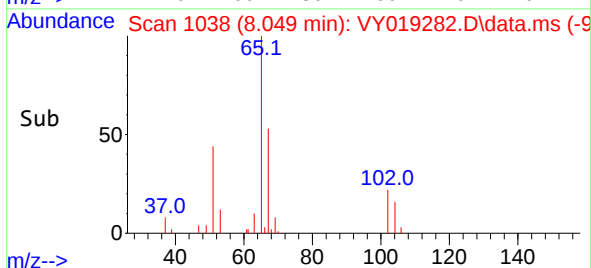
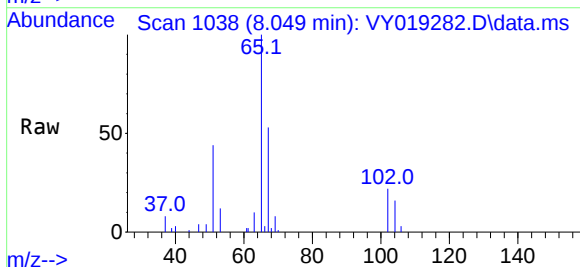


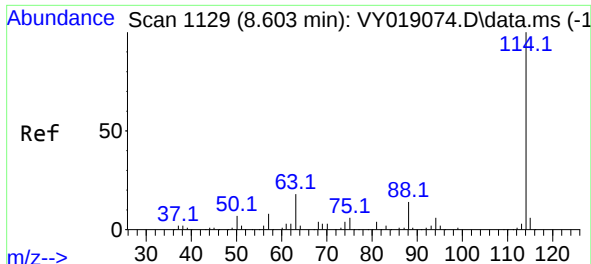
Tgt Ion: 56 Resp: 648
Ion Ratio Lower Upper
56 100
69 127.9 28.7 43.1#
84 170.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 46.440 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion: 65 Resp: 15219
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

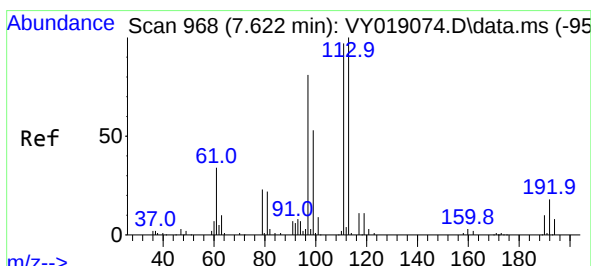
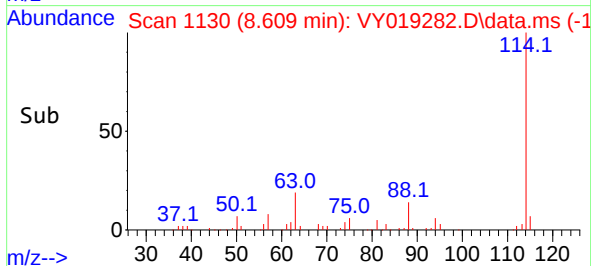
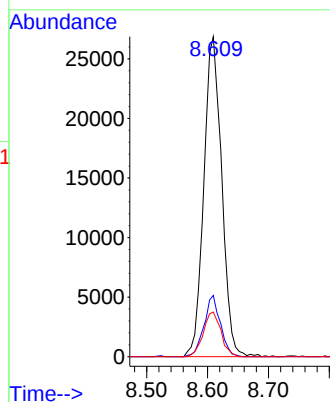
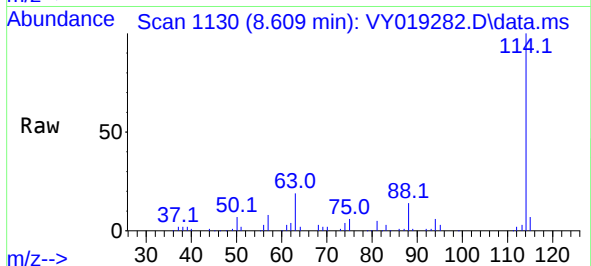




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

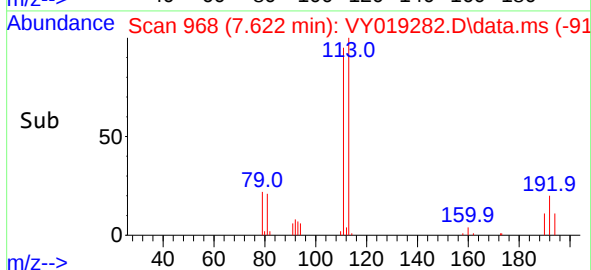
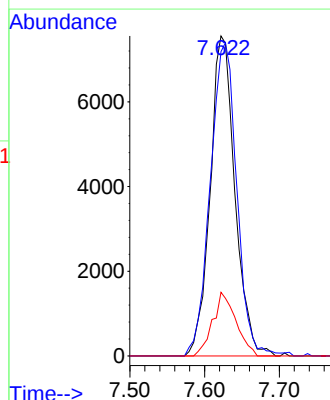
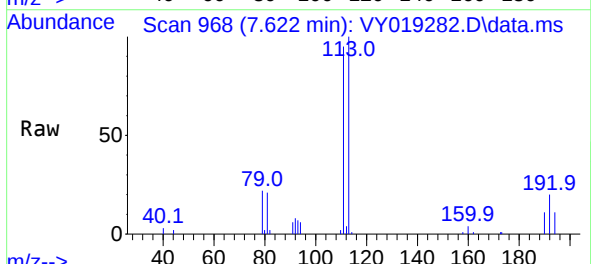
Instrument :
MSVOA_Y
ClientSampleId :

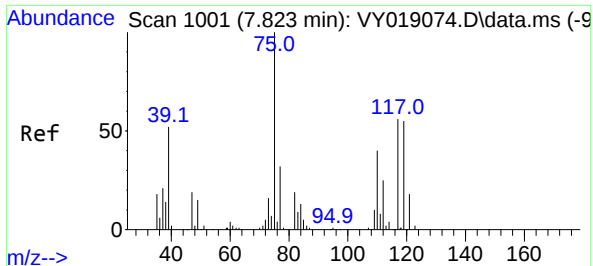
Tgt Ion:114	Resp:	54851
Ion Ratio	Lower	Upper
114	100	
63	19.1	0.0 35.0
88	13.9	0.0 27.2



#35
Dibromofluoromethane
Concen: 48.672 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

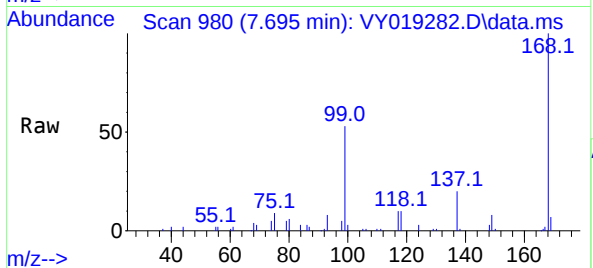
Tgt Ion:113	Resp:	17456
Ion Ratio	Lower	Upper
113	100	
111	104.7	82.2 123.4
192	18.7	15.9 23.9



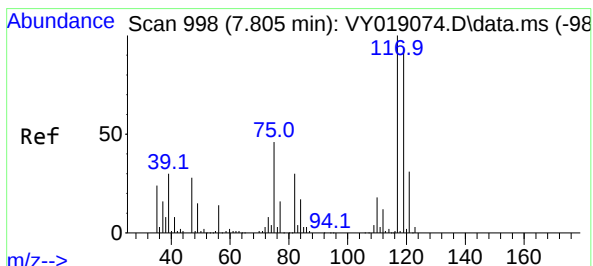
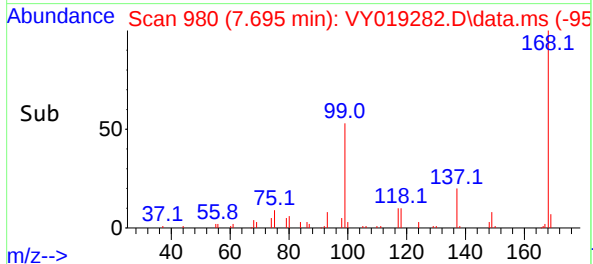
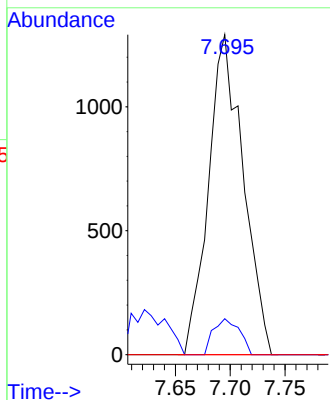


#36
1,1-Dichloropropene
Concen: 5.769 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

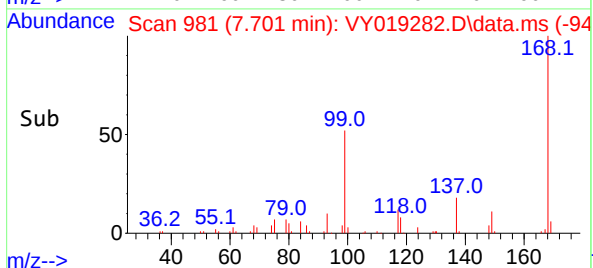
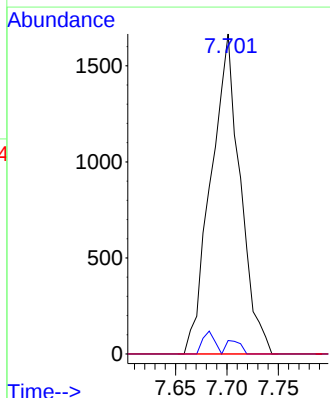
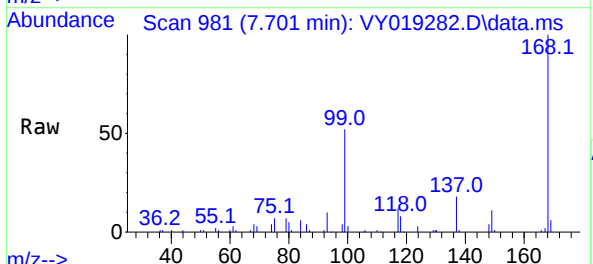


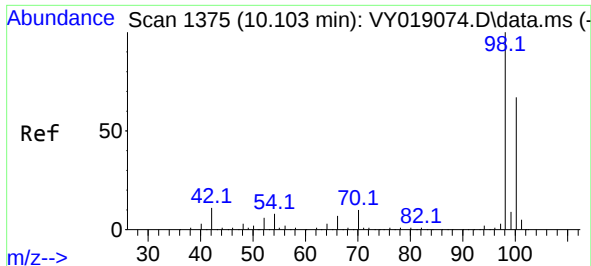
Tgt Ion: 75 Resp: 2841
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion: 117 Resp: 3301
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#

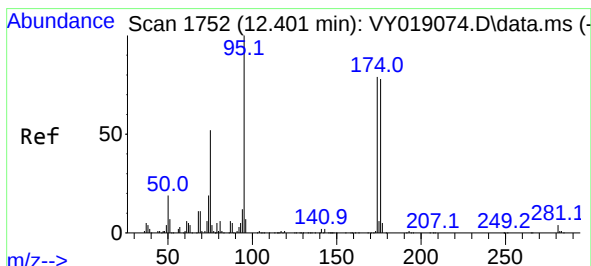
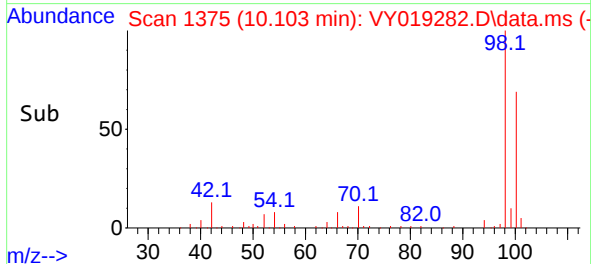
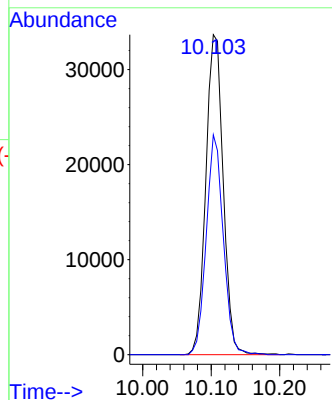
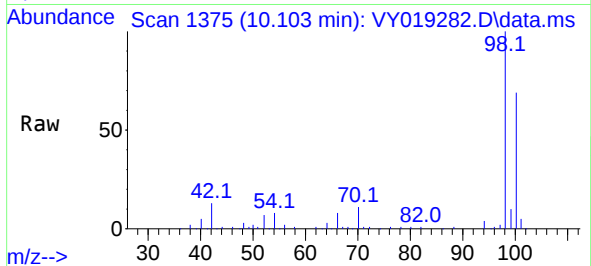




#50
Toluene-d8
Concen: 46.011 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

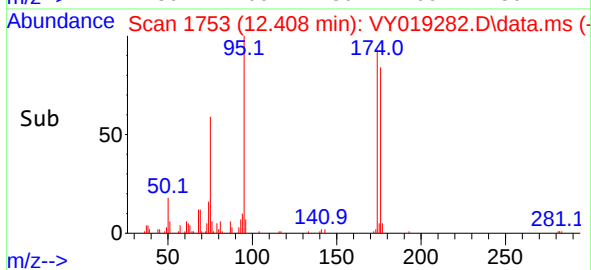
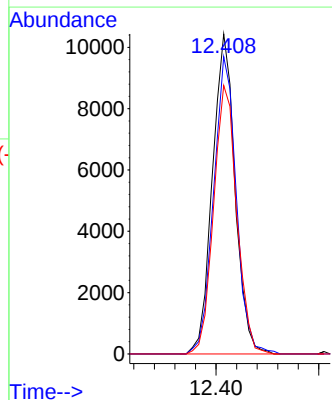
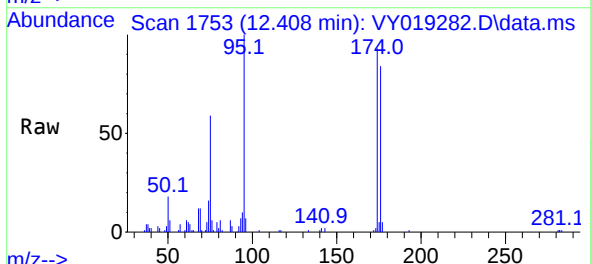
Instrument :
MSVOA_Y
ClientSampleId :

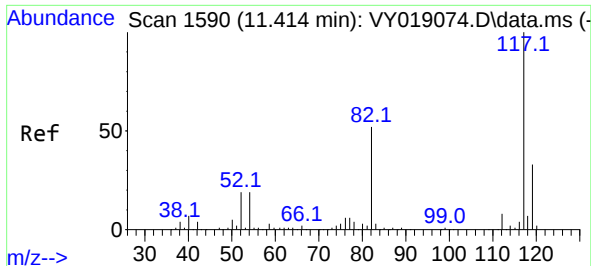
Tgt Ion: 98 Resp: 59384
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.163 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion: 95 Resp: 15911
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 86.0 0.0 171.4

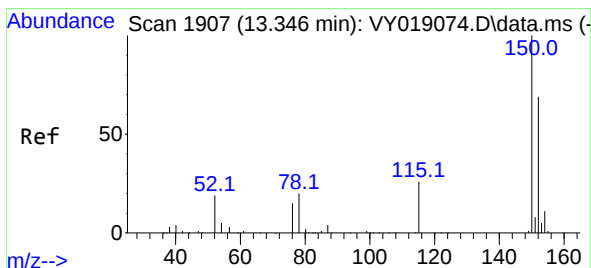
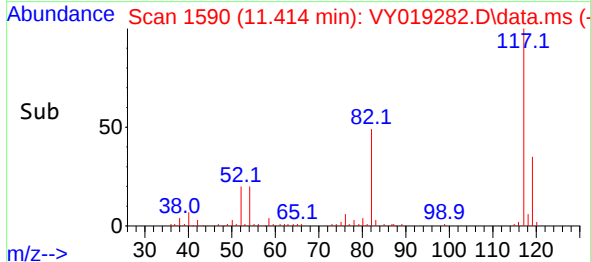
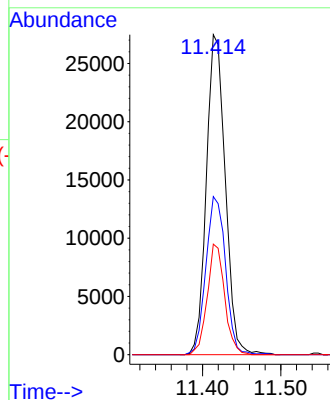
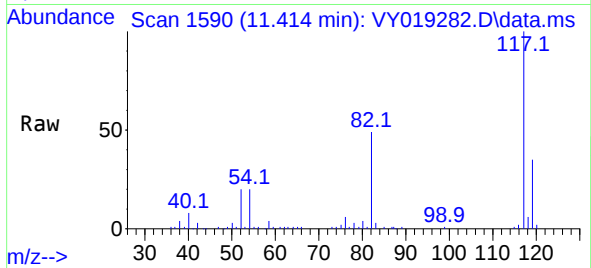




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

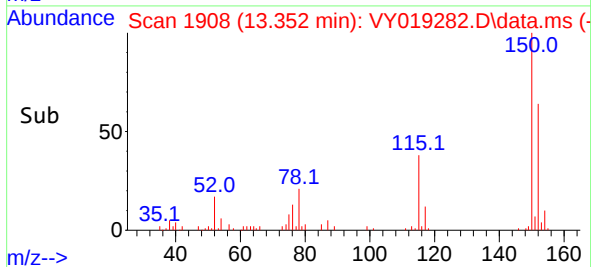
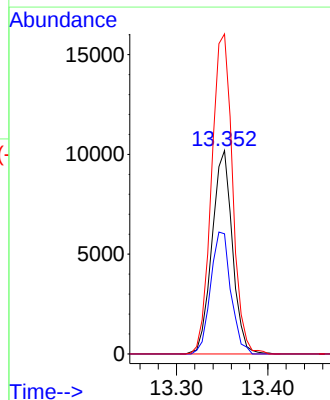
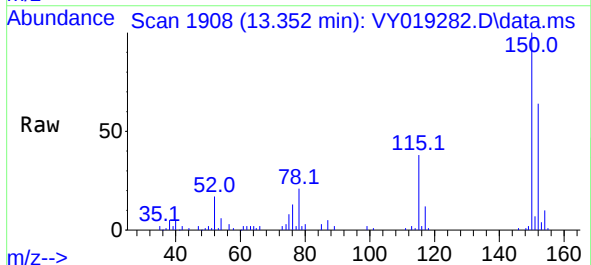
Instrument :
MSVOA_Y
ClientSampleId :

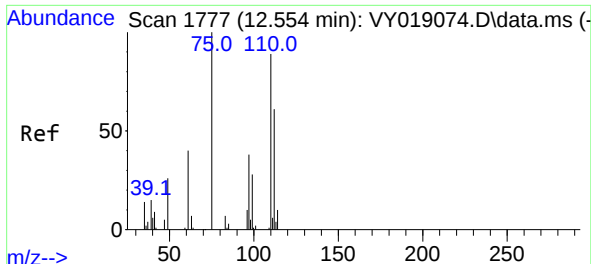
Tgt Ion:117	Resp:	45997
Ion	Ratio	Lower Upper
117	100	
82	49.4	42.4 63.6
119	34.6	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion:152	Resp:	15800
Ion	Ratio	Lower Upper
152	100	
115	59.4	28.2 84.7
150	161.2	0.0 345.6

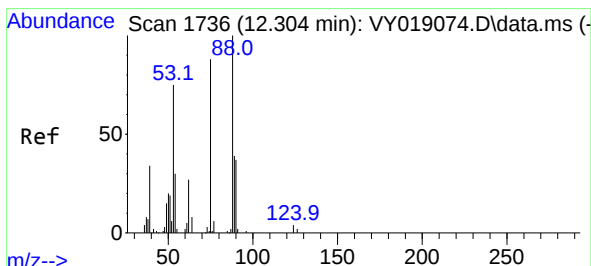
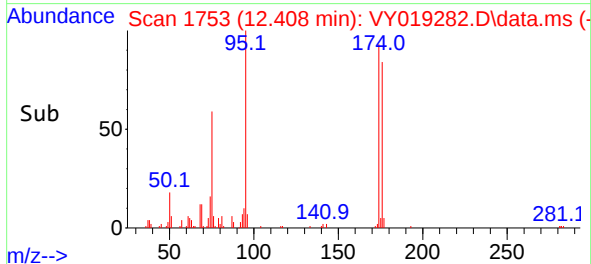
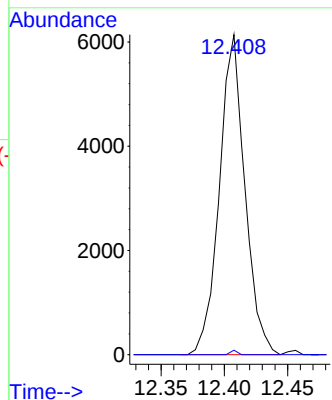
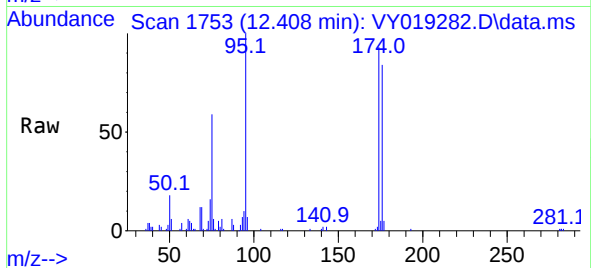




#76
1,2,3-Trichloropropane
Concen: 55.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

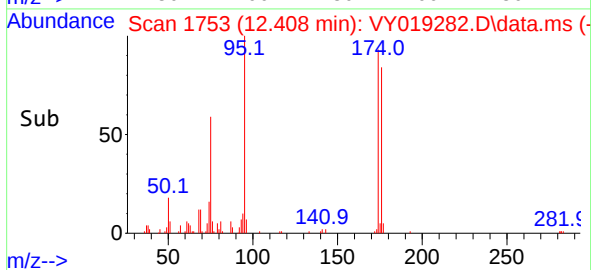
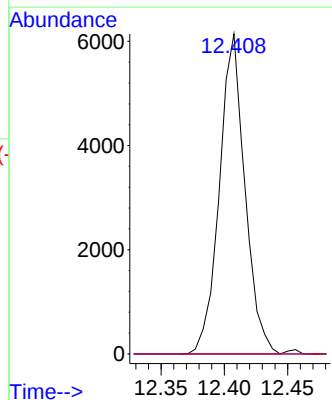
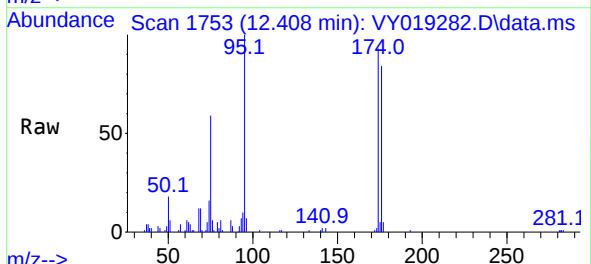
Instrument :
MSVOA_Y
ClientSampleId :

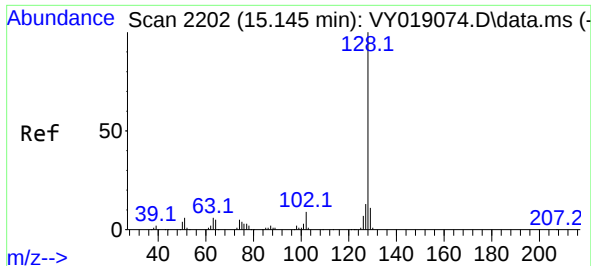
Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.261 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

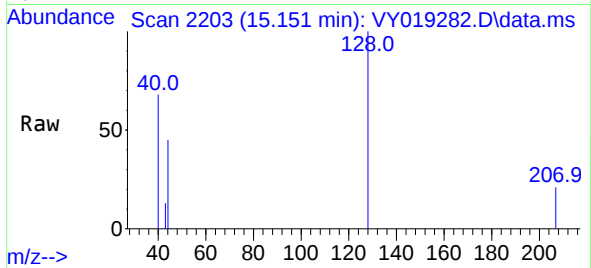
Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



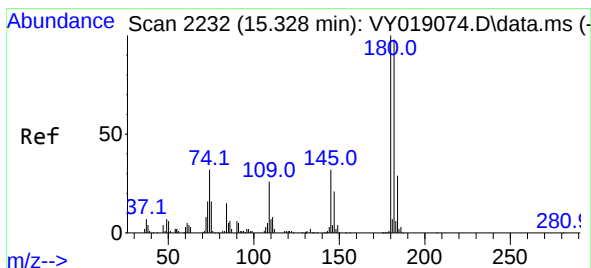
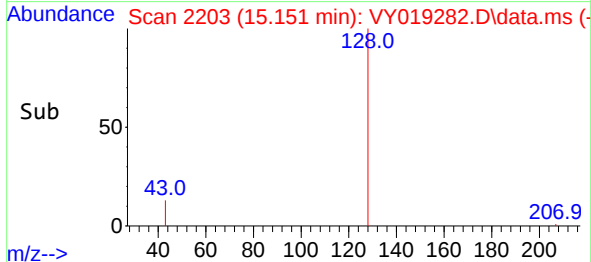
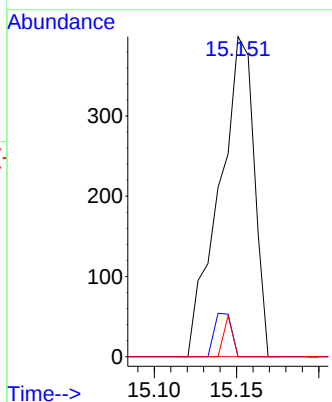


#95
Naphthalene
Concen: 1.154 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 586
Ion Ratio Lower Upper
128 100
127 6.7 10.6 16.0#
129 3.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.346 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019282.D
Acq: 27 Aug 2024 13:32

Tgt Ion:180 Resp: 323
Ion Ratio Lower Upper
180 100
182 92.3 47.6 142.9
145 0.0 15.4 46.1#

