

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015985.D
 Acq On : 16 Oct 2023 15:29
 Operator : SY/MD
 Sample : 04895-02
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

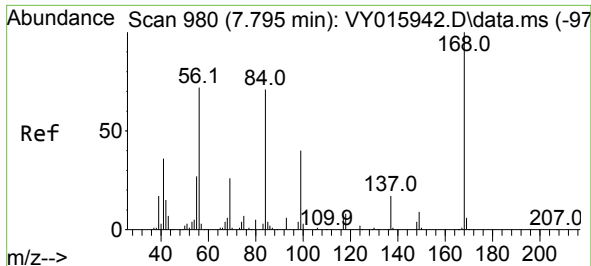
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	137915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85030	54.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.722	113	76408	51.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.580%	
50) Toluene-d8	10.185	98	272978	49.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.489	95	96248	48.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1009	Below Cal		95
16) Acetone	4.015	43	4779	5.227	ug/l #	78
20) Methylene Chloride	4.722	84	9336	1.303	ug/l	88
31) Cyclohexane	7.795	56	2772	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10611	4.766	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13958	5.953	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	49922	23.473	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49922	55.295	ug/l #	11

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

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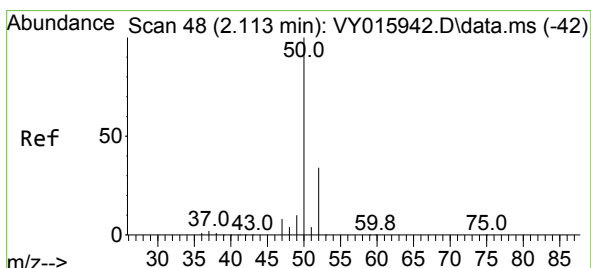
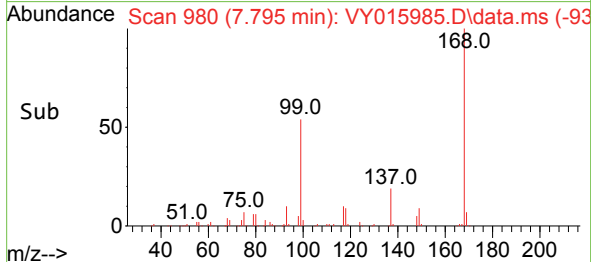
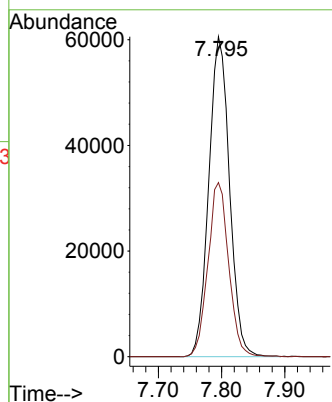
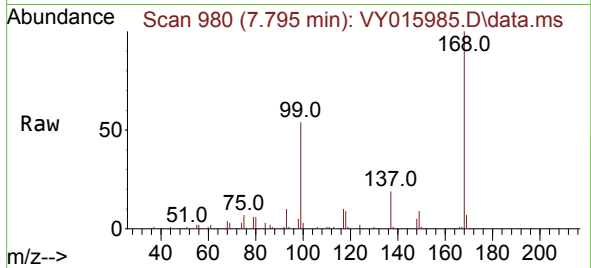




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

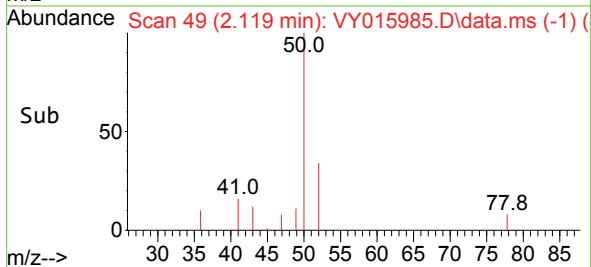
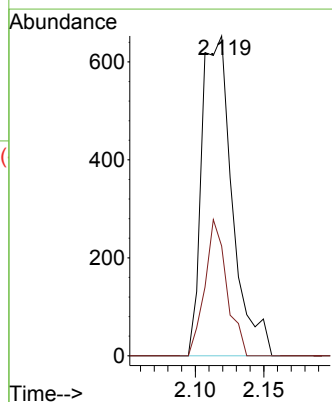
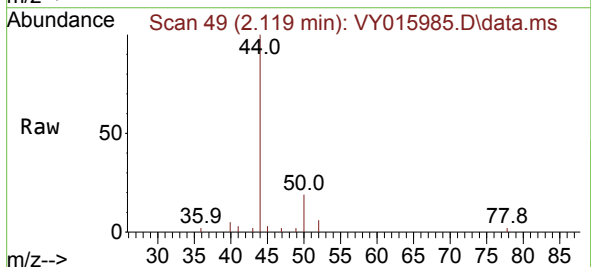
Instrument :
MSVOA_Y
ClientSampleId :

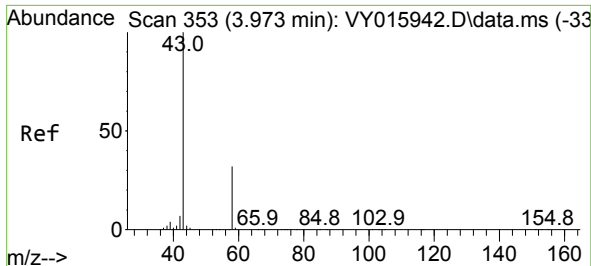
Tgt Ion:168 Resp: 137915
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion: 50 Resp: 1009
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.2

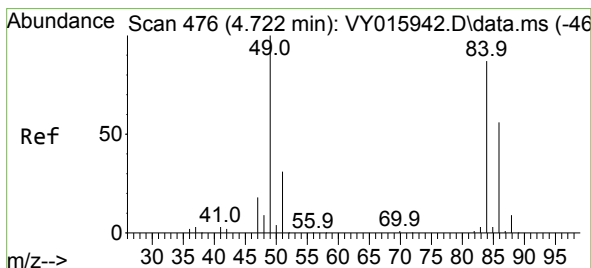
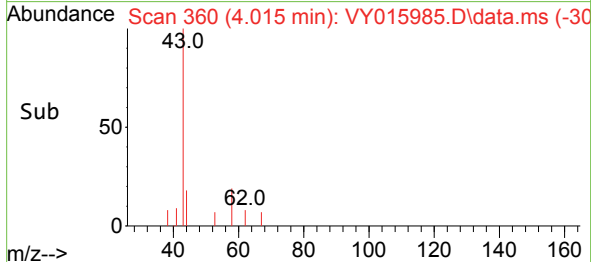
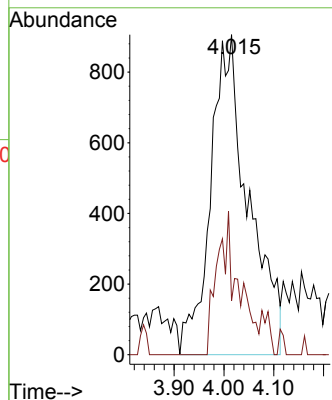
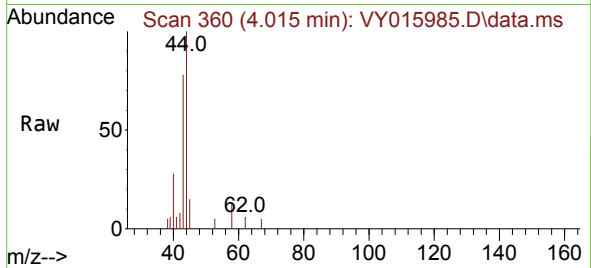




#16
Acetone
Concen: 5.227 ug/l
RT: 4.015 min Scan# 360
Delta R.T. 0.043 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

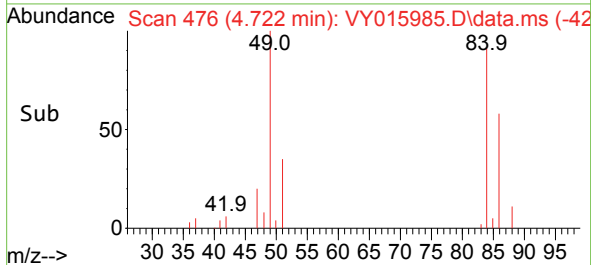
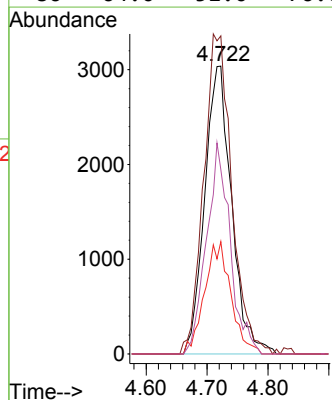
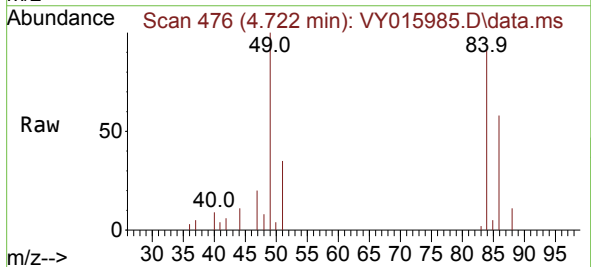
Instrument :
MSVOA_Y
ClientSampleId :

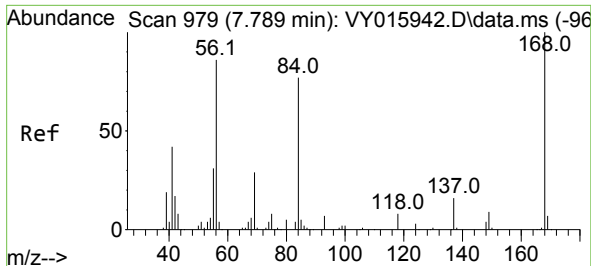
Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
58 16.9 22.7 34.1#



#20
Methylene Chloride
Concen: 1.303 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

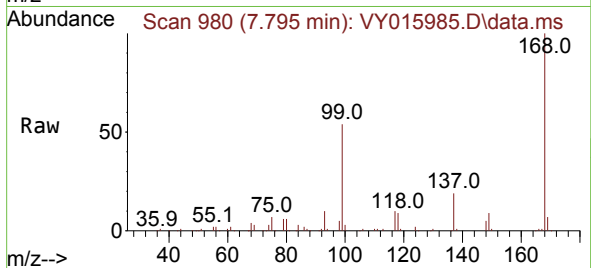
Tgt Ion: 84 Resp: 9336
Ion Ratio Lower Upper
84 100
49 110.5 106.9 160.3
51 39.0 33.2 49.8
86 64.0 51.0 76.6



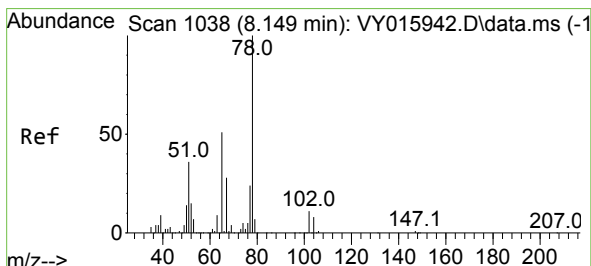
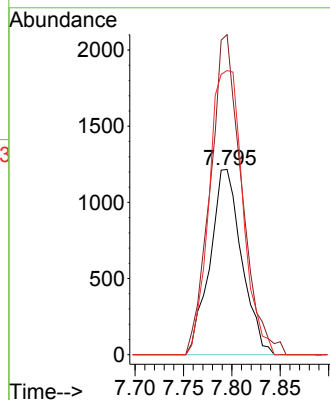
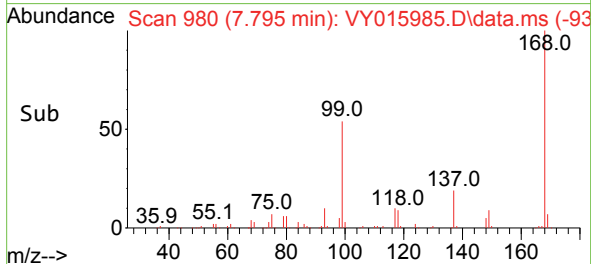


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

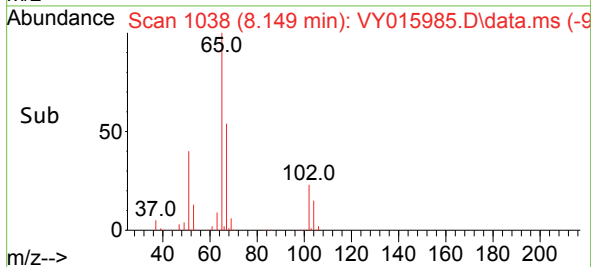
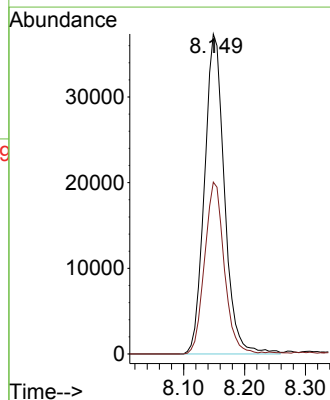
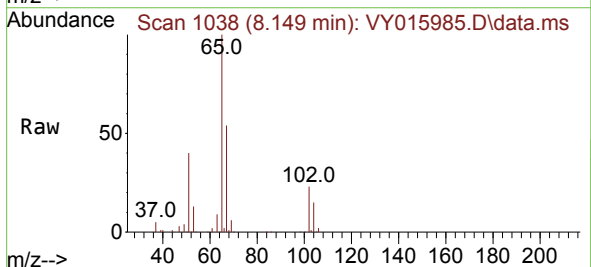


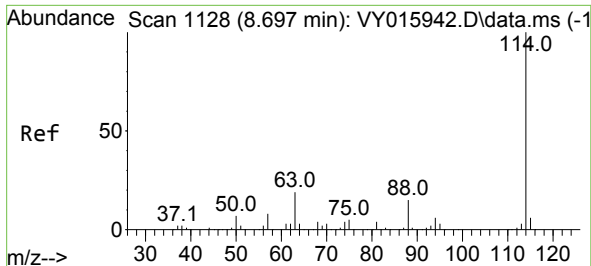
Tgt Ion: 56 Resp: 2772
Ion Ratio Lower Upper
56 100
69 172.8 27.8 41.6#
84 153.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.022 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion: 65 Resp: 85030
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

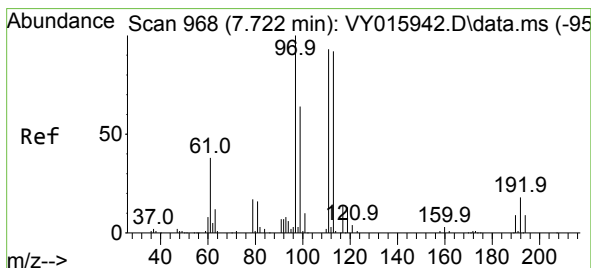
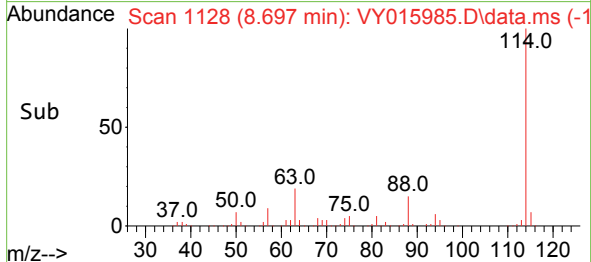
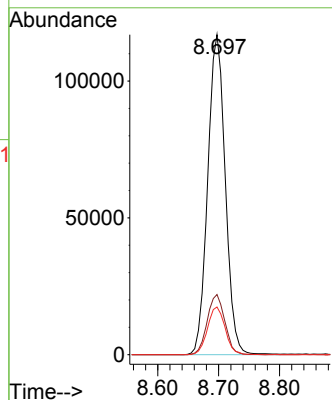
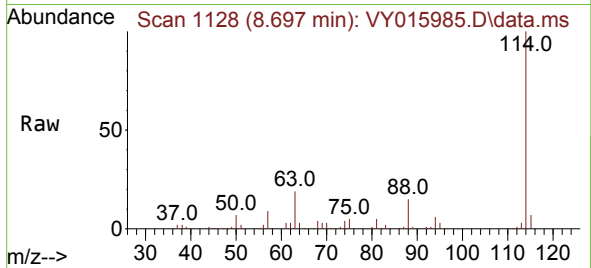




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

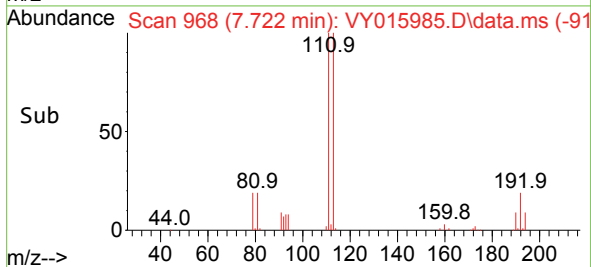
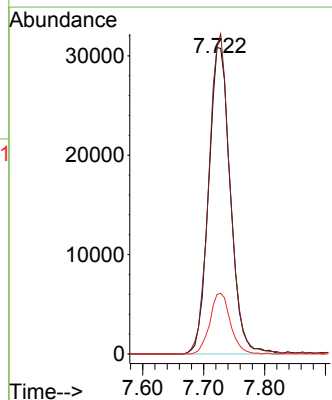
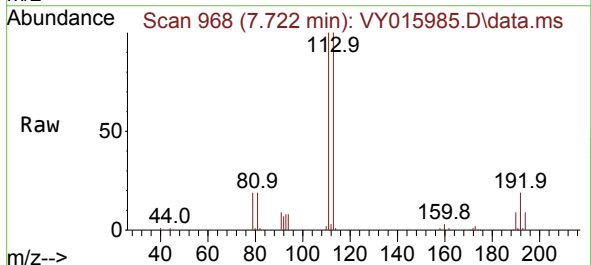
Instrument :
MSVOA_Y
ClientSampleId :

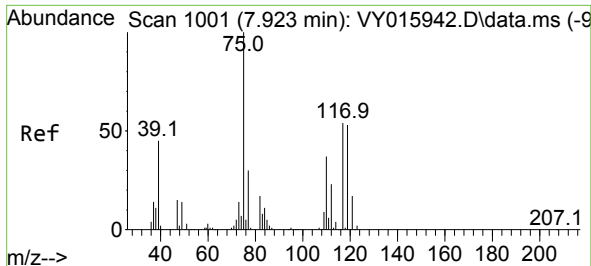
Tgt Ion:114 Resp: 234367
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.786 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion:113 Resp: 76408
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 18.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

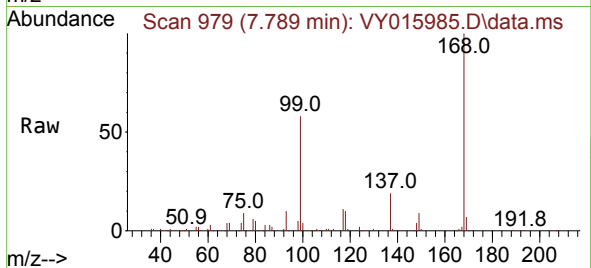
Lab File: VY015985.D

Acq: 16 Oct 2023 15:29

Instrument :

MSVOA_Y

ClientSampleId :



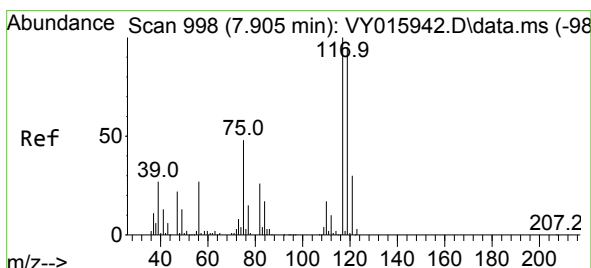
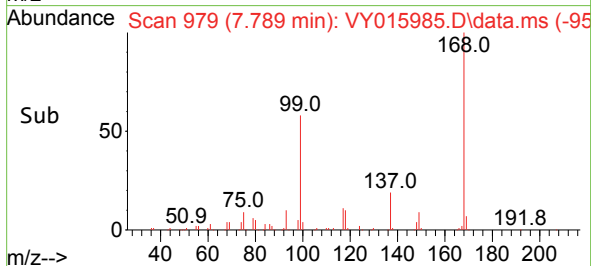
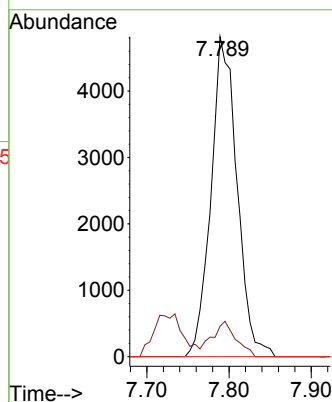
Tgt Ion: 75 Resp: 10611

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.953 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY015985.D

Acq: 16 Oct 2023 15:29

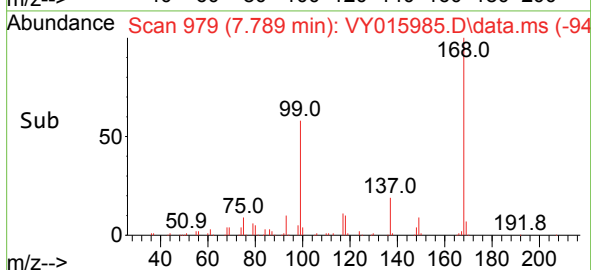
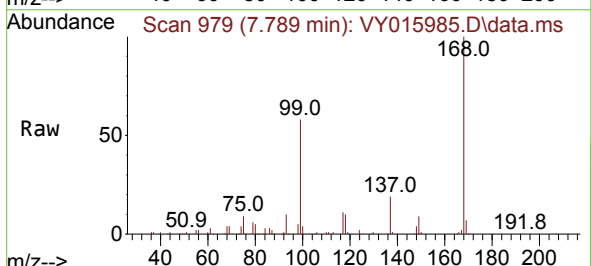
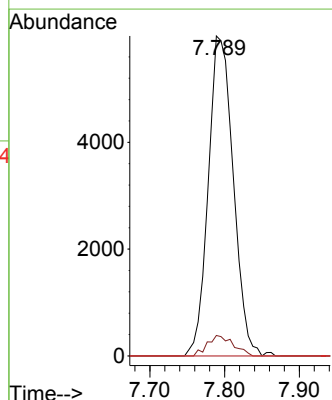
Tgt Ion: 117 Resp: 13958

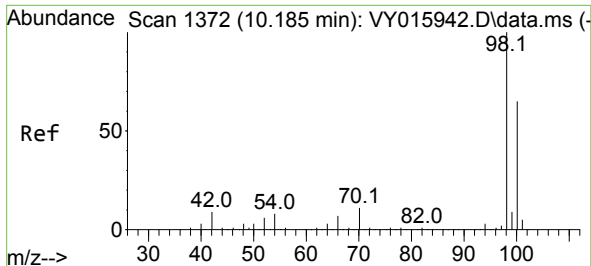
Ion Ratio Lower Upper

117 100

119 6.4 76.4 114.6#

121 0.0 25.8 38.6#

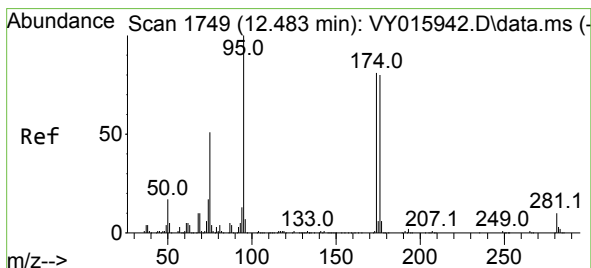
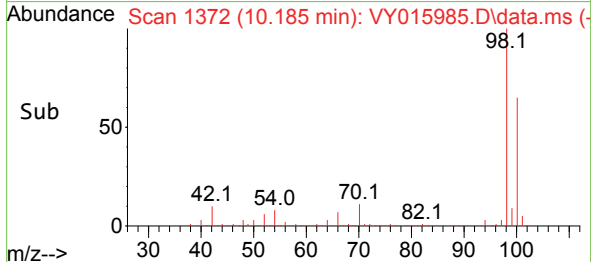
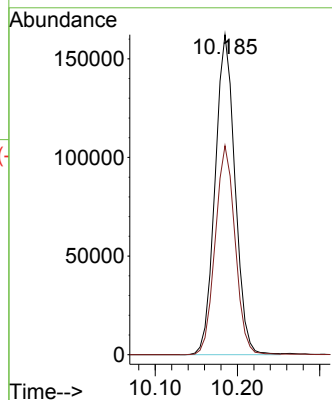
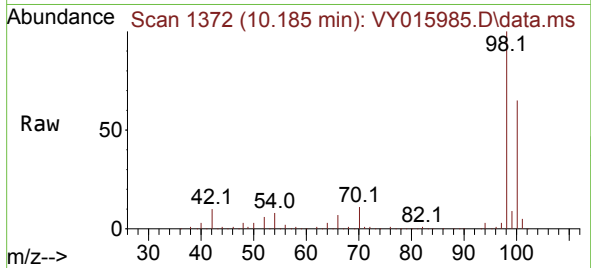




#50
Toluene-d8
Concen: 49.403 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

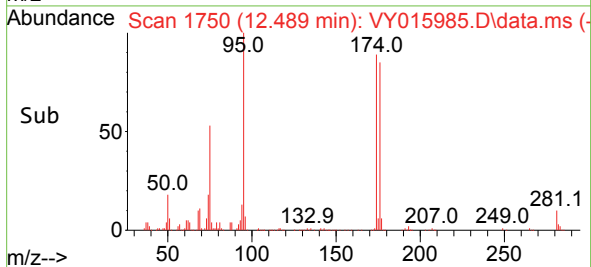
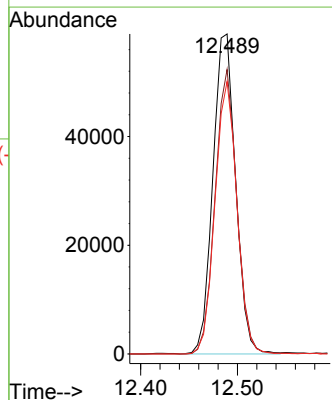
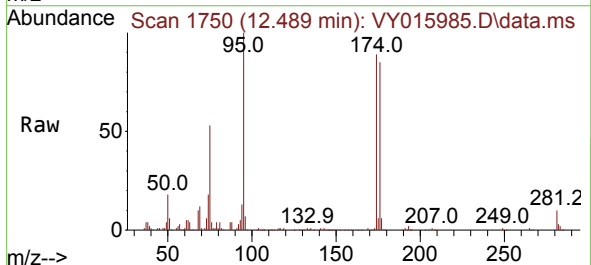
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ClientSampleId :

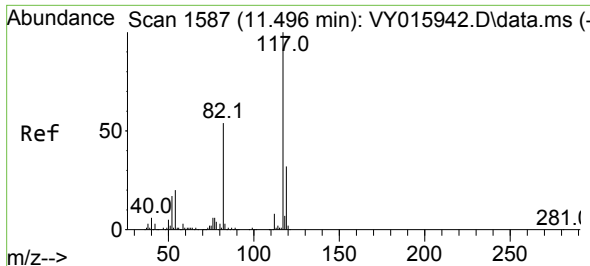
Tgt Ion: 98 Resp: 272978
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.918 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion: 95 Resp: 96248
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.1 0.0 173.8

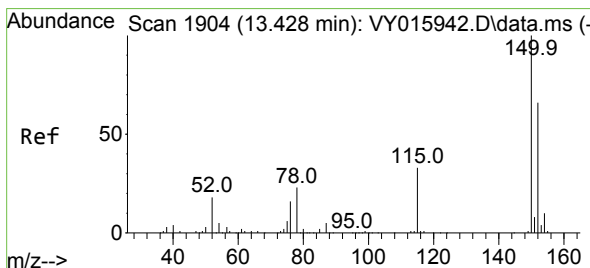
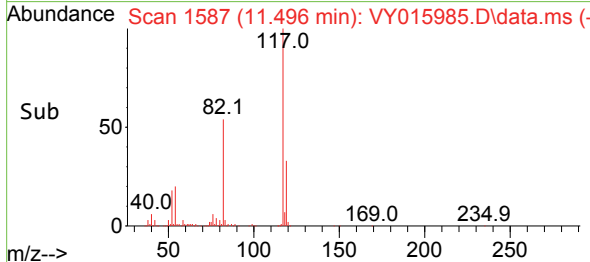
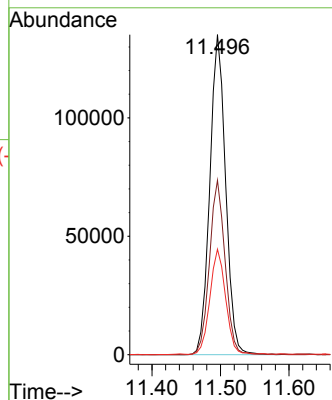
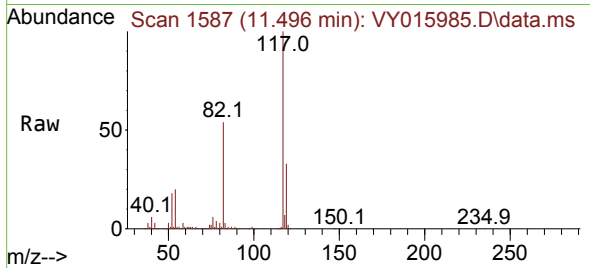




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

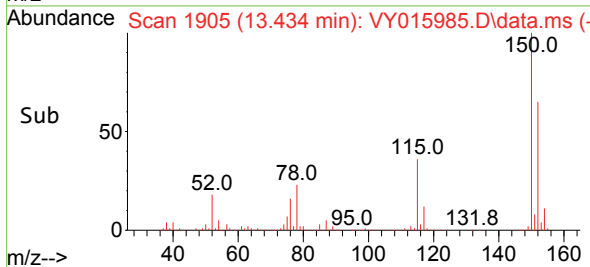
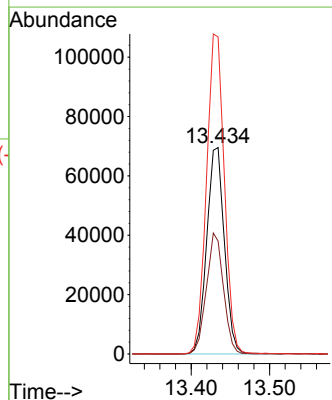
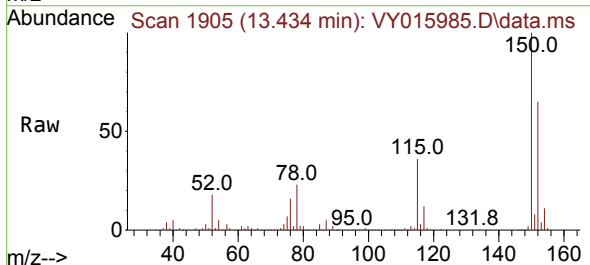
Instrument :
MSVOA_Y
ClientSampleId :

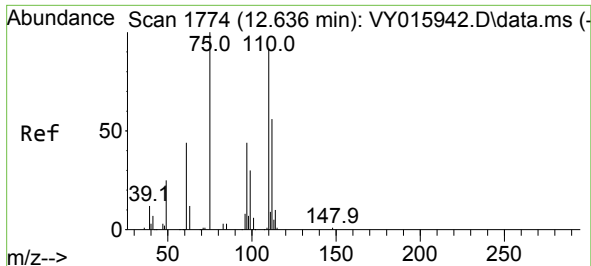
Tgt Ion:117 Resp: 216633
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion:152 Resp: 108675
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 156.5 0.0 348.8

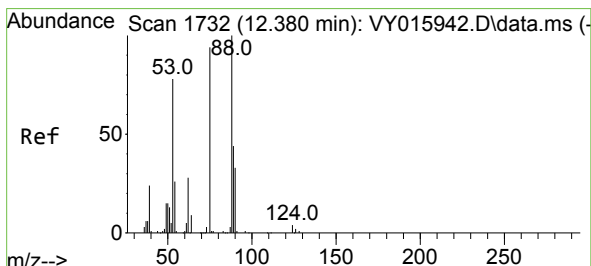
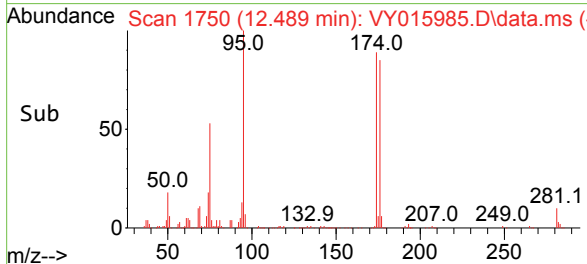
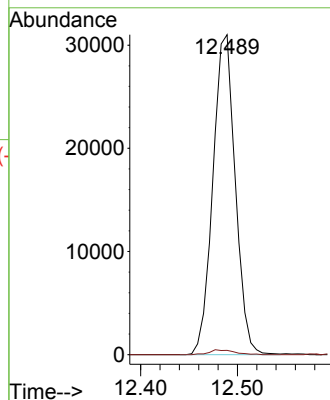
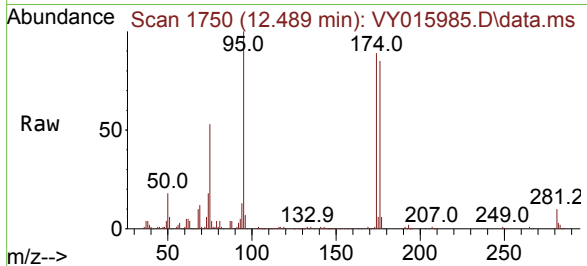




#76
1,2,3-Trichloropropane
Concen: 23.473 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49922
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.295 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015985.D
Acq: 16 Oct 2023 15:29

Tgt Ion: 75 Resp: 49922
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

