

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013575.D
 Acq On : 03 May 2023 12:39
 Operator : KP/MD
 Sample : 02558-07
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-0612-01

Quant Time: May 03 15:40:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	213982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	156533	66.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.460%	
35) Dibromofluoromethane	7.716	113	125921	55.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.900%	
50) Toluene-d8	10.179	98	445063	55.091	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.483	95	143032	52.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.040%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	27	Below Cal	#	78
20) Methylene Chloride	4.710	84	15561	Below Cal		98
31) Cyclohexane	7.789	56	4813	1.146	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	16444	4.363	ug/l #	49
38) Carbon Tetrachloride	7.789	117	20408	5.166	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	77043	34.773	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77043	71.129	ug/l #	13

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

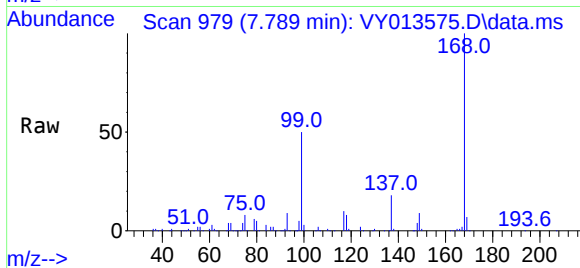
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0612-01

[illegible]

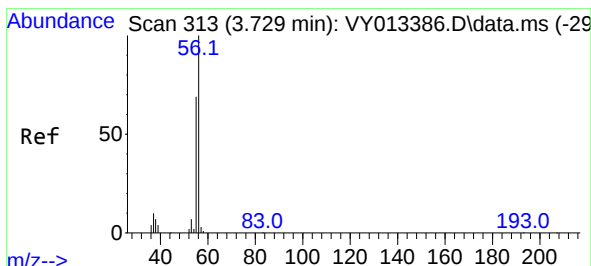
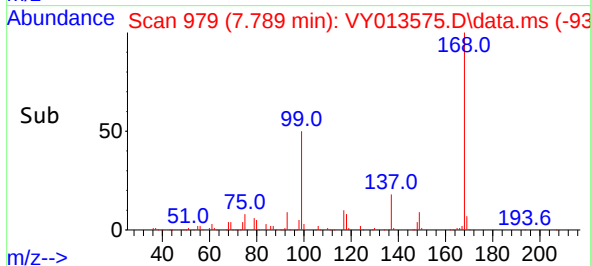
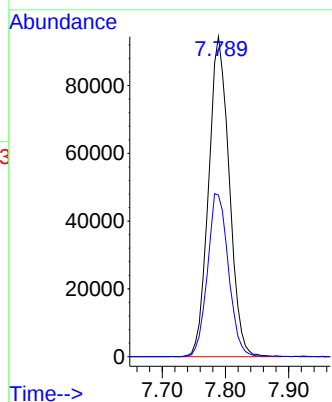


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0612-01

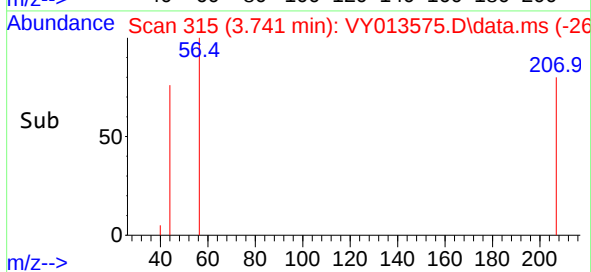
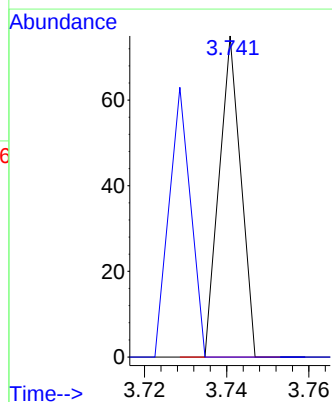
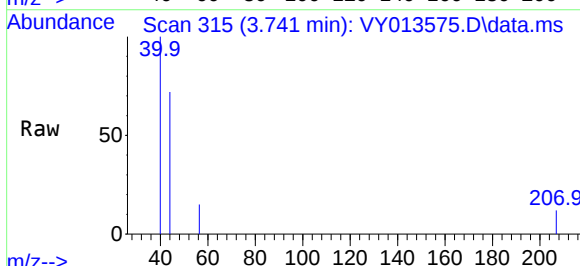


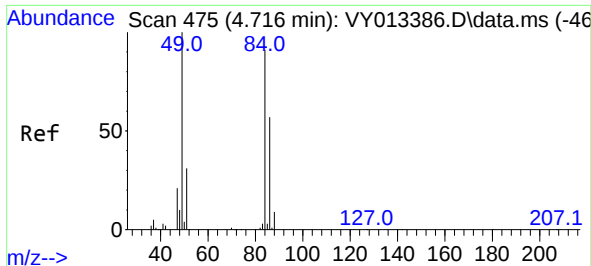
Tgt Ion:168 Resp: 213982
Ion Ratio Lower Upper
168 100
99 50.5 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 85.2 54.1 81.1#



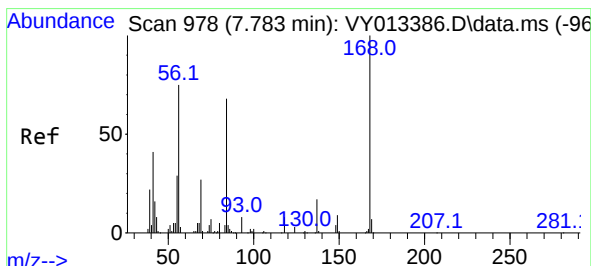
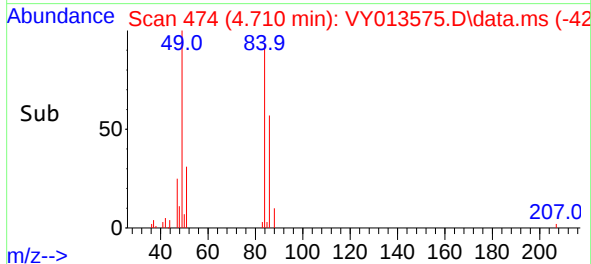
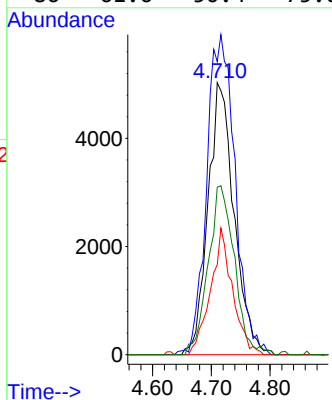
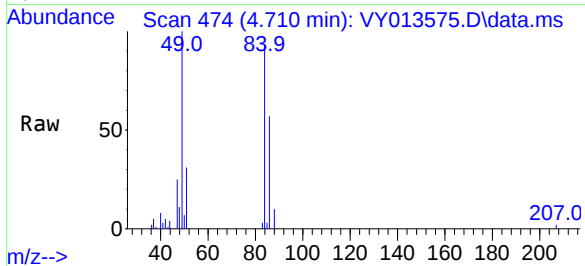


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0612-01

Tgt Ion: 84 Resp: 15561

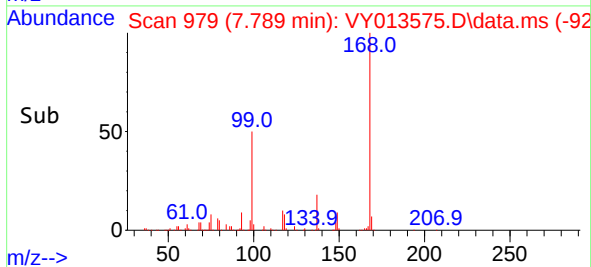
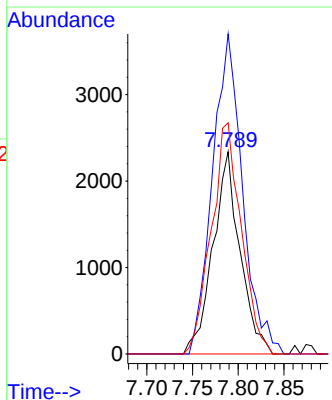
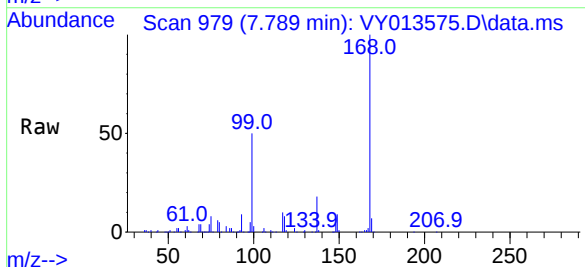
Ion	Ratio	Lower	Upper
84	100		
49	107.8	88.0	132.0
51	33.1	27.4	41.0
86	61.6	50.4	75.6

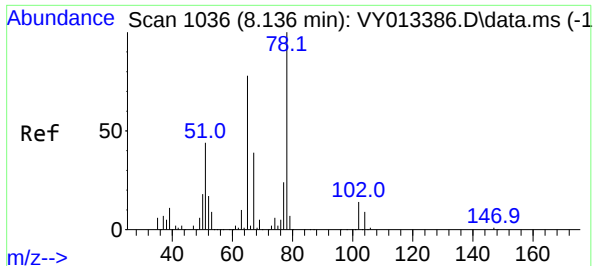


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Tgt Ion: 56 Resp: 4813

Ion	Ratio	Lower	Upper
56	100		
69	158.3	29.2	43.8#
84	114.4	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 66.731 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013575.D

Acq: 03 May 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

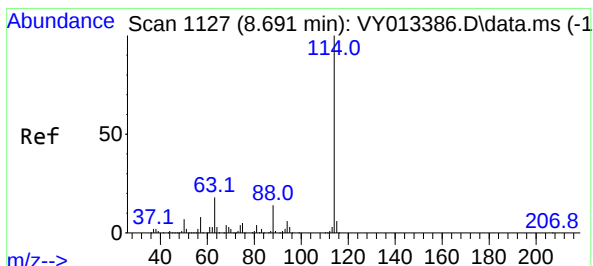
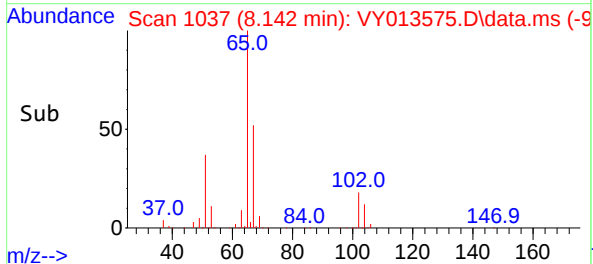
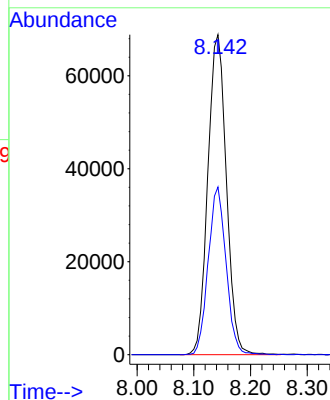
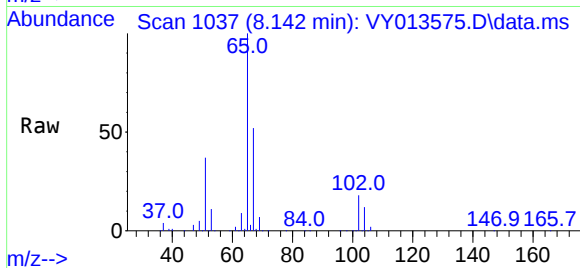
P001-SS013-0612-01

Tgt Ion: 65 Resp: 156533

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013575.D

Acq: 03 May 2023 12:39

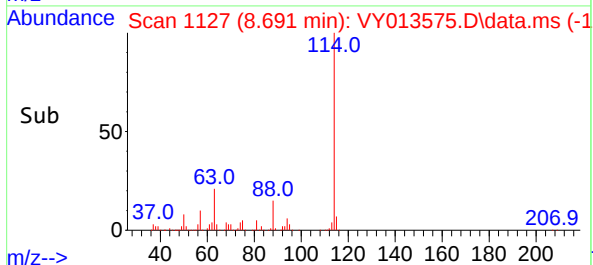
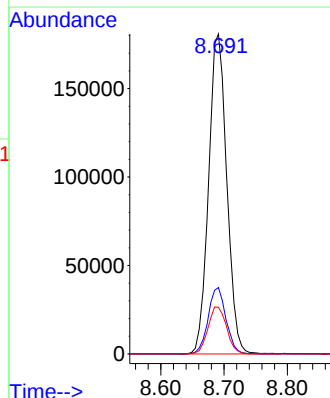
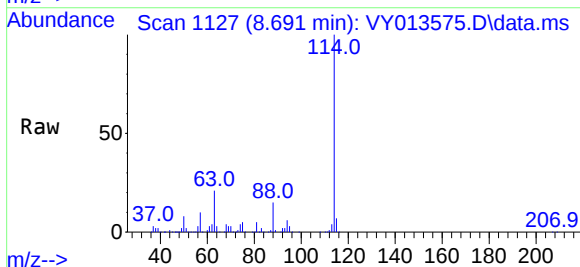
Tgt Ion: 114 Resp: 361069

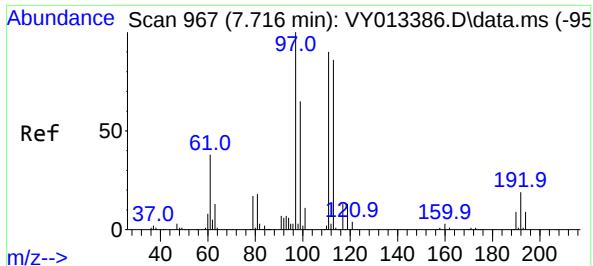
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 14.5 0.0 28.8

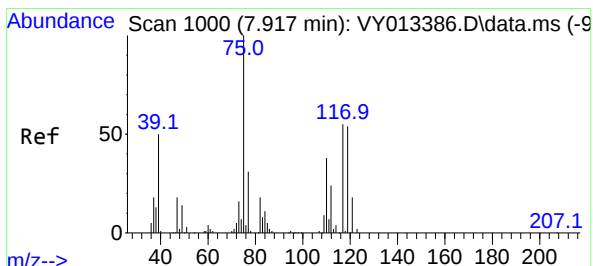
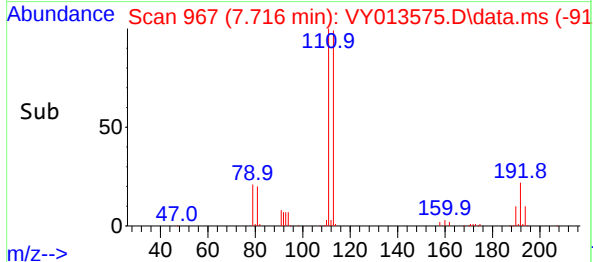
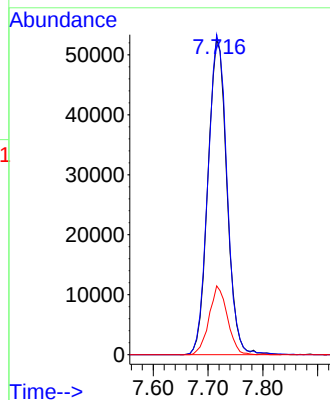
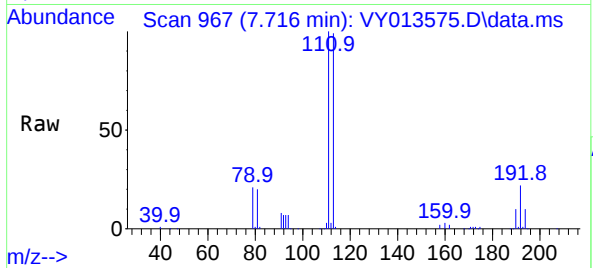




#35
Dibromofluoromethane
Concen: 55.448 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

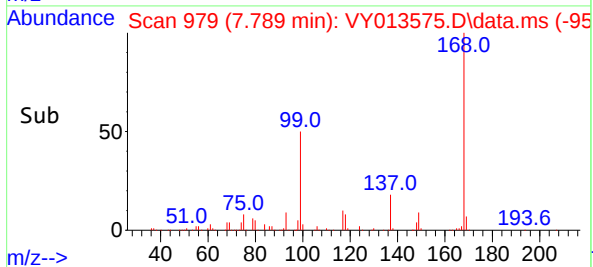
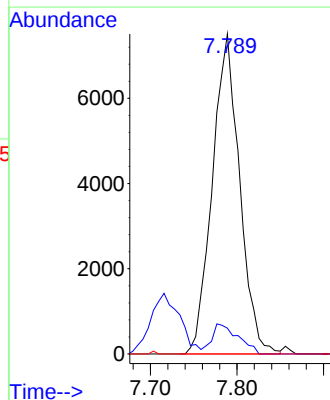
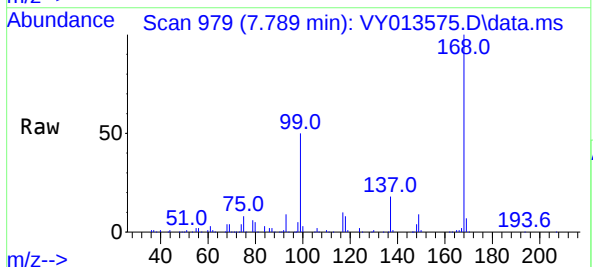
Instrument :
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P001-SS013-0612-01

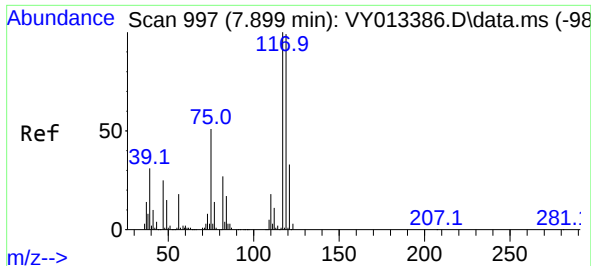
Tgt Ion:113 Resp: 125921
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Tgt Ion: 75 Resp: 16444
Ion Ratio Lower Upper
75 100
110 9.0 18.7 56.1#
77 0.0 24.6 37.0#

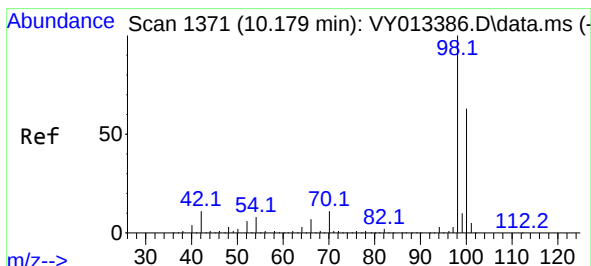
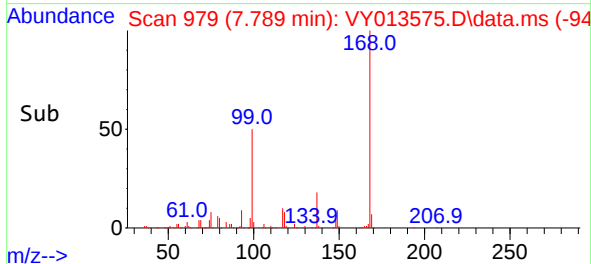
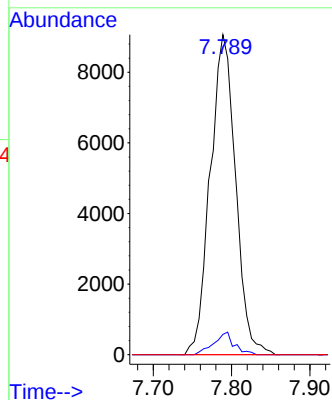
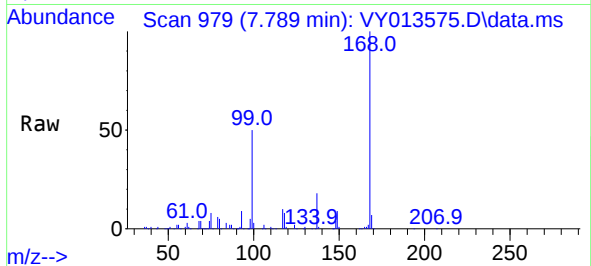




#38
Carbon Tetrachloride
Concen: 5.166 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

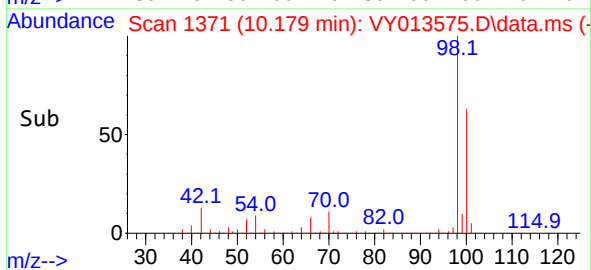
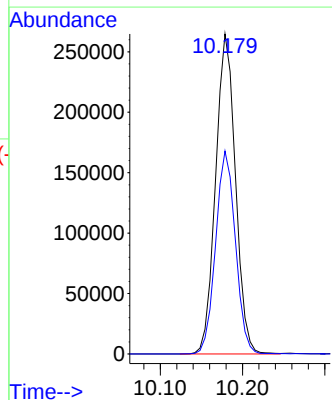
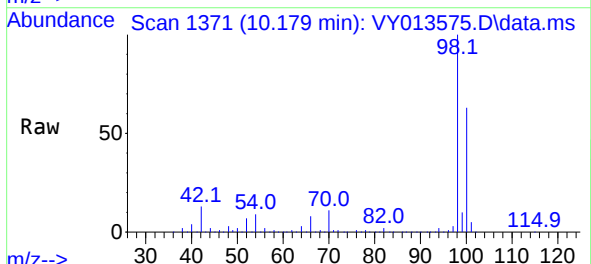
Instrument :
MSVOA_Y
ClientSampleId :
P001-SS013-0612-01

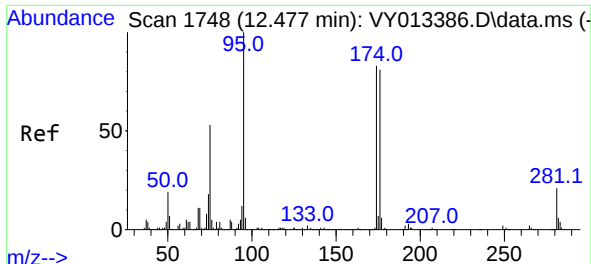
Tgt Ion:117 Resp: 20408
Ion Ratio Lower Upper
117 100
119 6.3 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Tgt Ion: 98 Resp: 445063
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

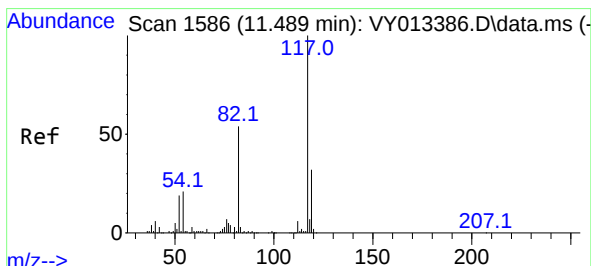
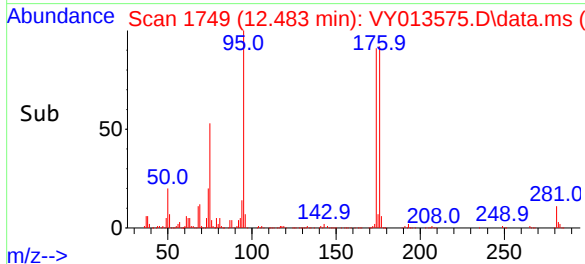
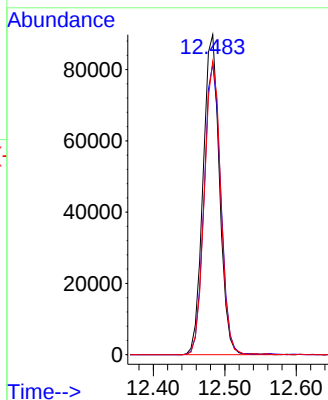
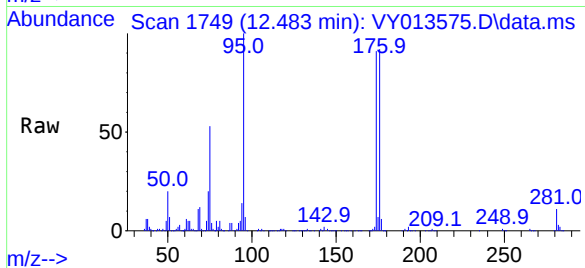




#62
4-Bromofluorobenzene
Concen: 52.517 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

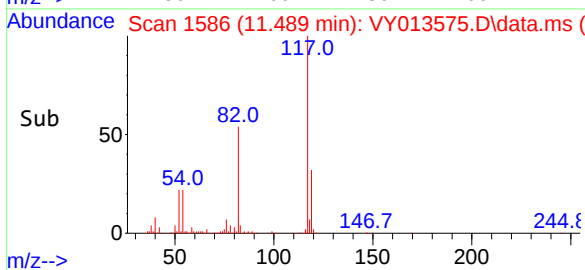
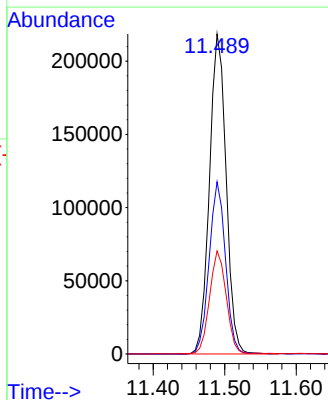
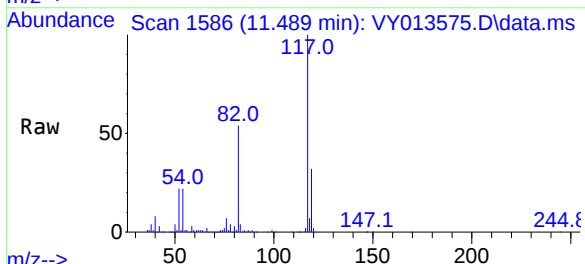
Instrument :
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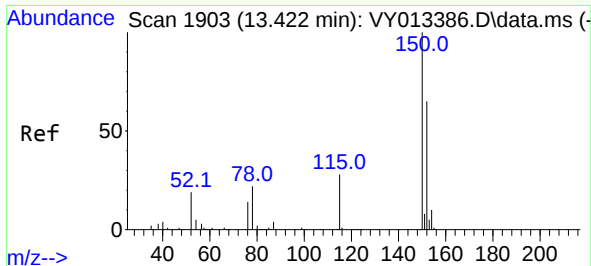
Tgt Ion:	95	Resp:	143032
Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	182.0
176	91.3	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

Tgt Ion:	117	Resp:	354007
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.6
119	32.2	25.5	38.3

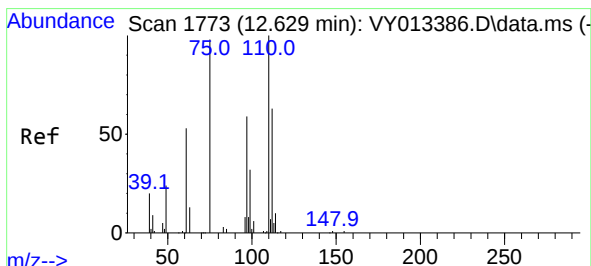
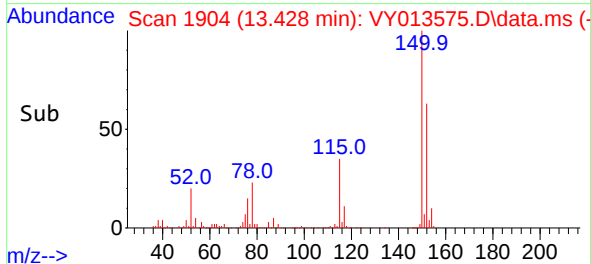
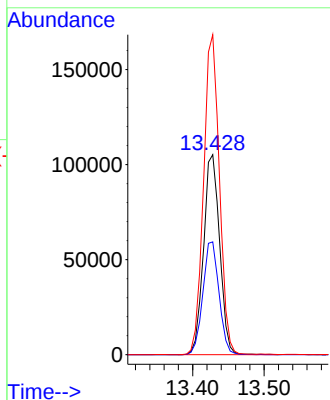
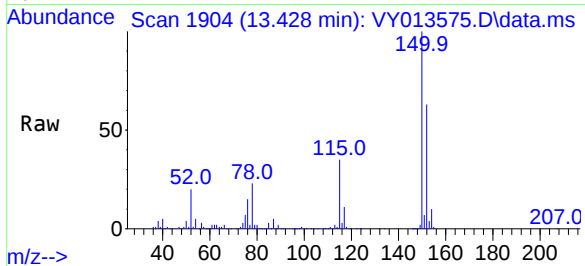




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

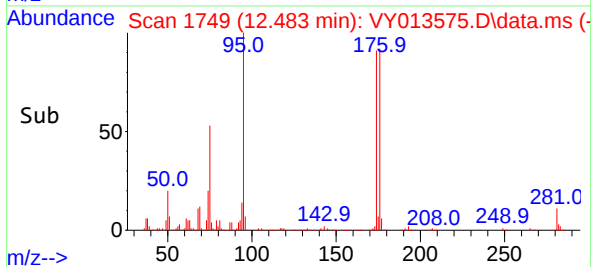
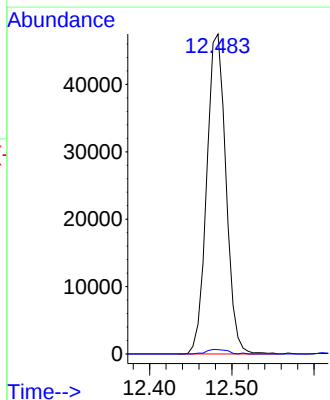
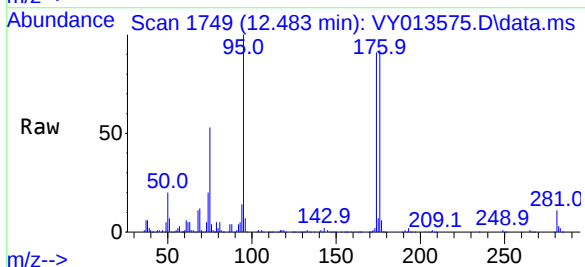
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P001-SS013-0612-01

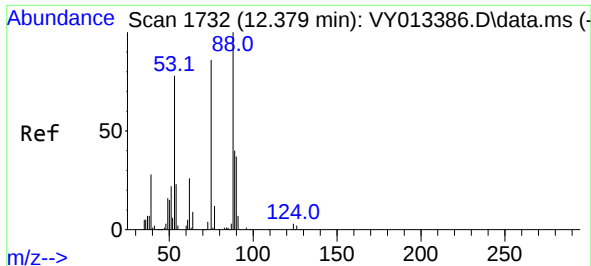
Tgt Ion:152 Resp: 164288
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.7 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 34.773 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013575.D
Acq: 03 May 2023 12:39

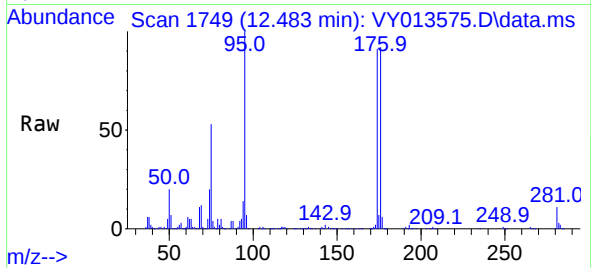
Tgt Ion: 75 Resp: 77043
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.129 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013575.D
 Acq: 03 May 2023 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-SS013-0612-01



Tgt Ion: 75 Resp: 77043
 Ion Ratio Lower Upper
 75 100
 53 0.5 73.2 109.8#
 89 0.2 38.0 57.0#

