

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013503.D
 Acq On : 27 Apr 2023 19:37
 Operator : KP/MD
 Sample : 02407-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-ST-&-BAY-AVE-INTERSECTION

Quant Time: Apr 28 01:34:17 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)

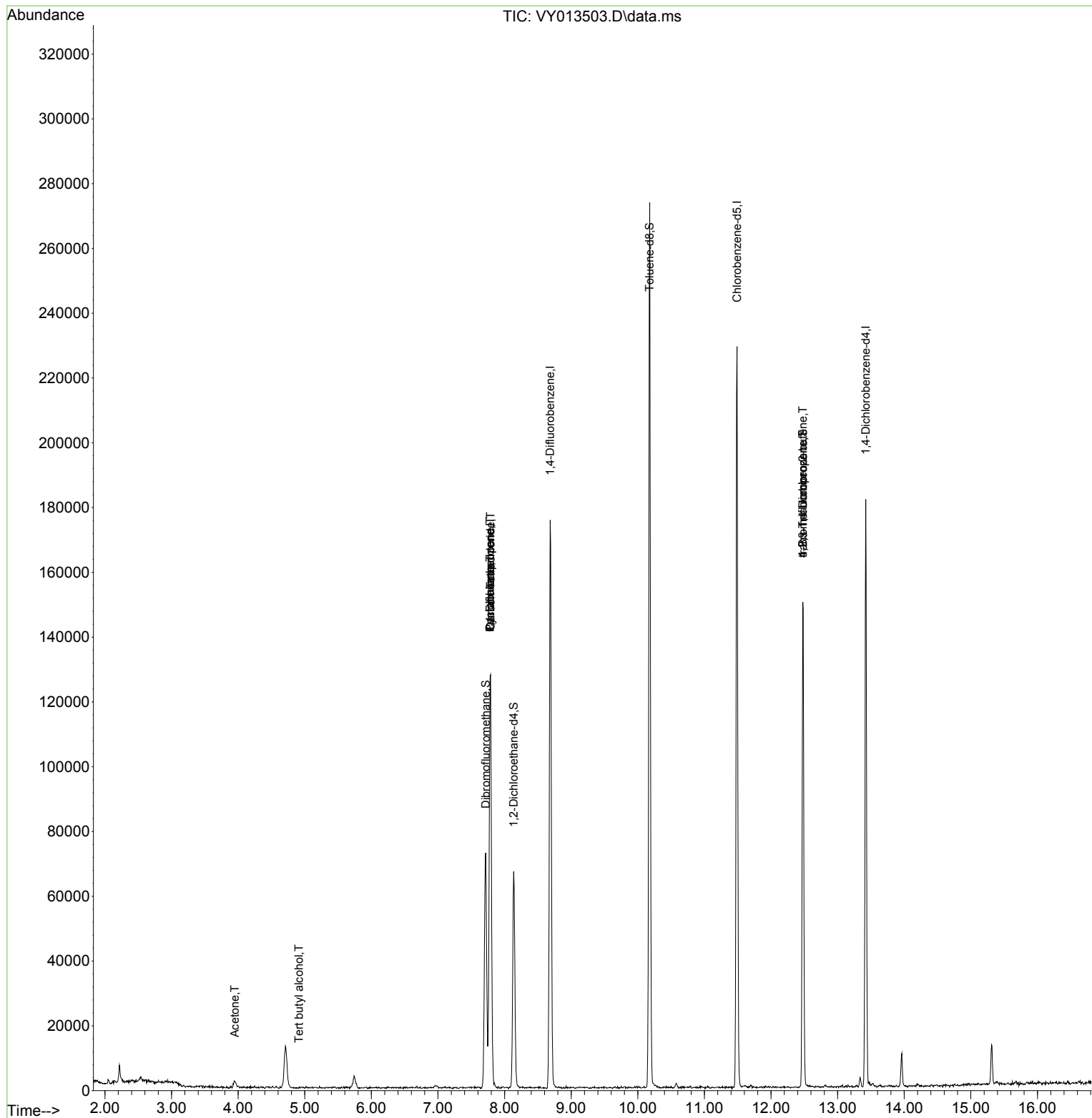
Internal Standards						
1) Pentafluorobenzene	7.783	168	100097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55121	50.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.716	113	50011	54.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.900%	
50) Toluene-d8	10.179	98	173097	52.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.940%	
62) 4-Bromofluorobenzene	12.477	95	43496	39.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	50	1.053	ug/l #	89
16) Acetone	3.948	43	3550	8.215	ug/l #	85
20) Methylene Chloride	4.716	84	9319	Below Cal		96
31) Cyclohexane	7.783	56	2583	1.315	ug/l #	42
36) 1,1-Dichloropropene	7.783	75	8110	5.320	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9897	6.194	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	23208	37.452	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23208	76.610	ug/l #	13

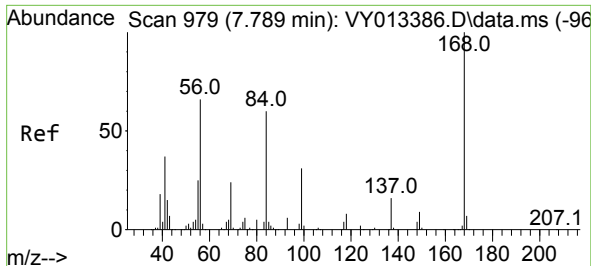
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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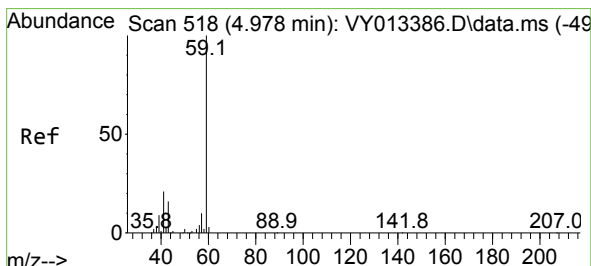
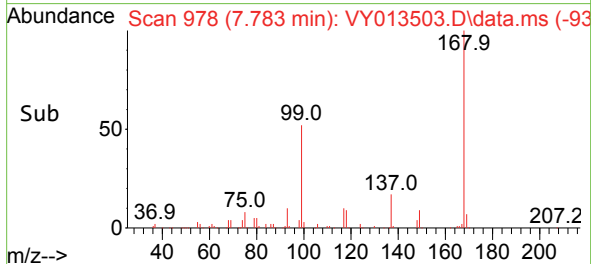
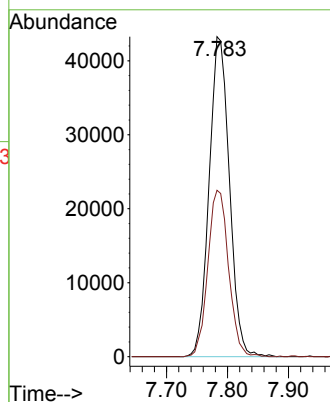
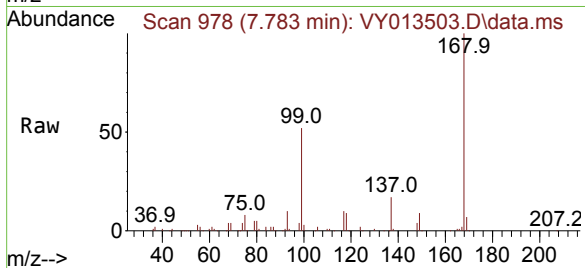




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

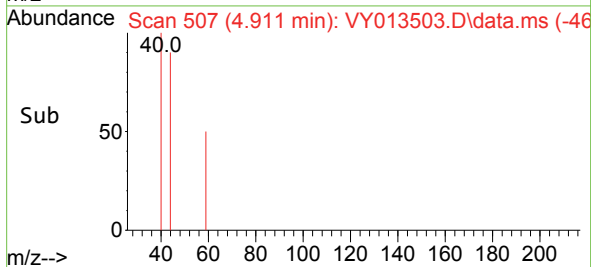
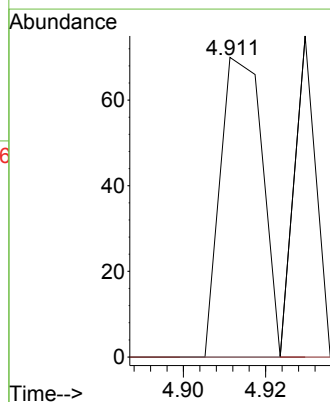
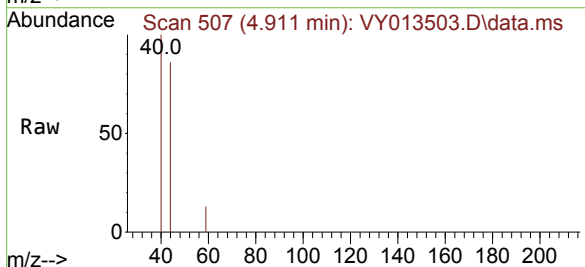
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

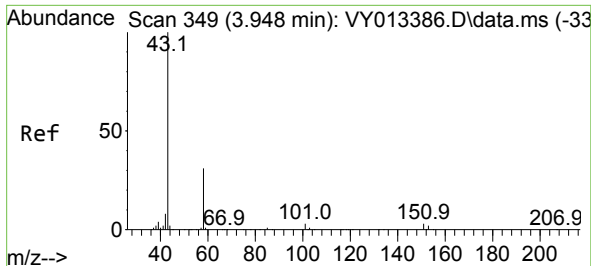
Tgt Ion:168 Resp: 100097
Ion Ratio Lower Upper
168 100
99 52.0 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.053 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.067 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 8.215 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013503.D

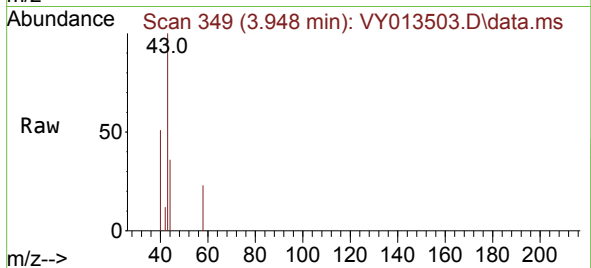
Acq: 27 Apr 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

NORTH-ST-&-BAY-AVE-INTERSECTION

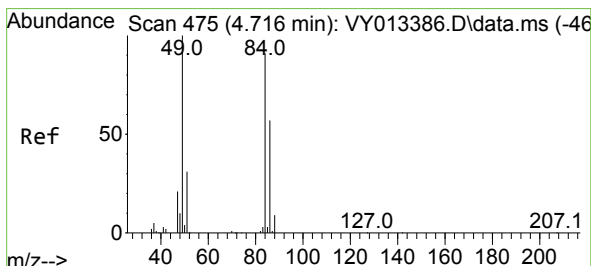
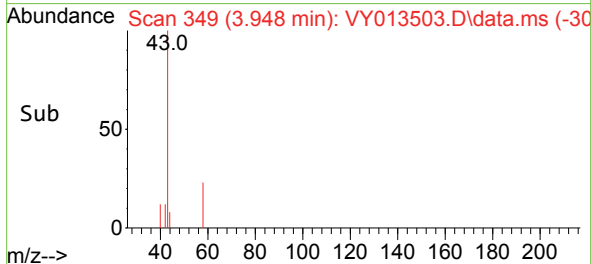
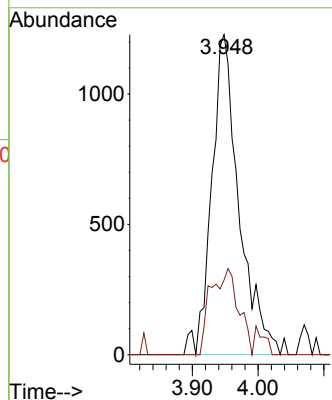


Tgt Ion: 43 Resp: 3550

Ion Ratio Lower Upper

43 100

58 23.3 25.4 38.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013503.D

Acq: 27 Apr 2023 19:37

Tgt Ion: 84 Resp: 9319

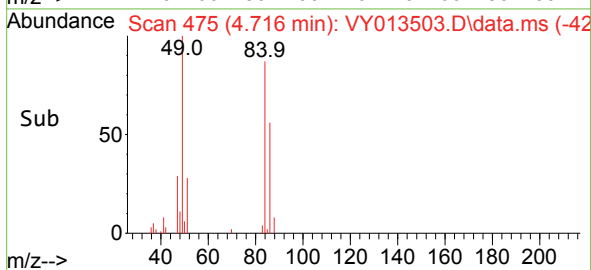
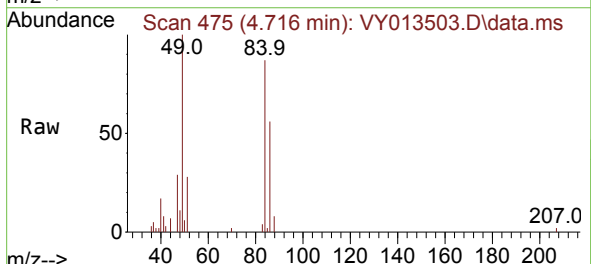
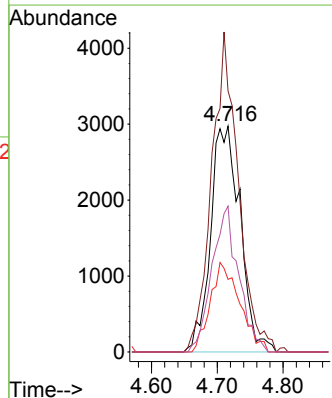
Ion Ratio Lower Upper

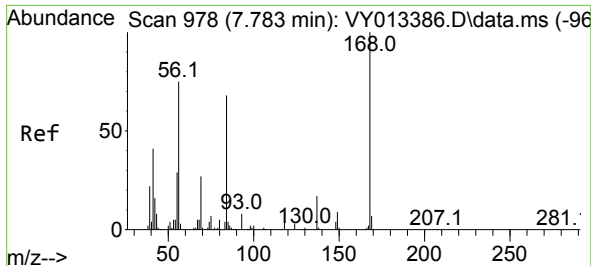
84 100

49 115.6 88.0 132.0

51 32.2 27.4 41.0

86 64.5 50.4 75.6

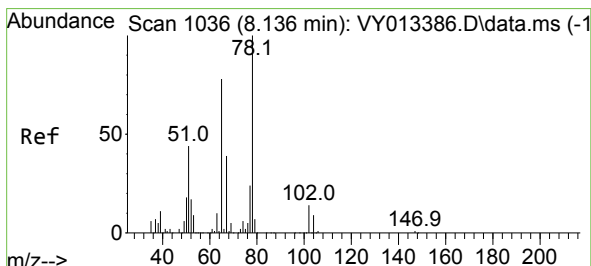
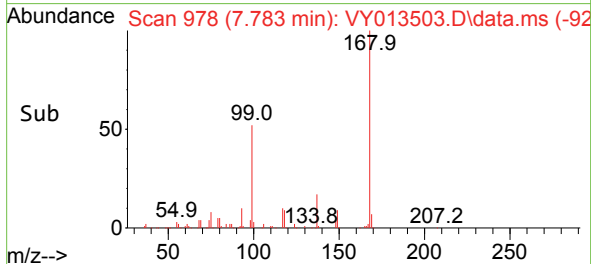
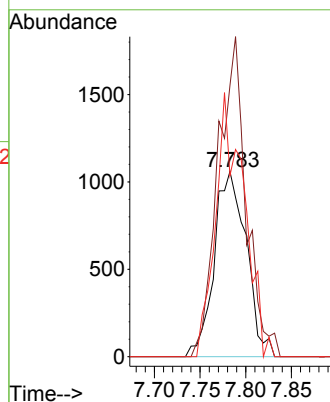
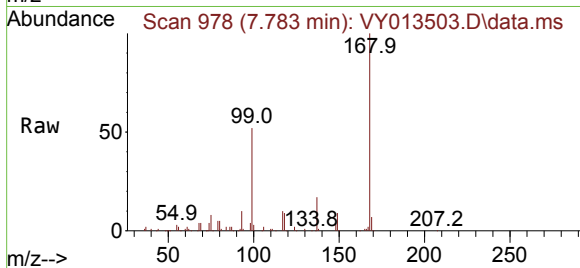




#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

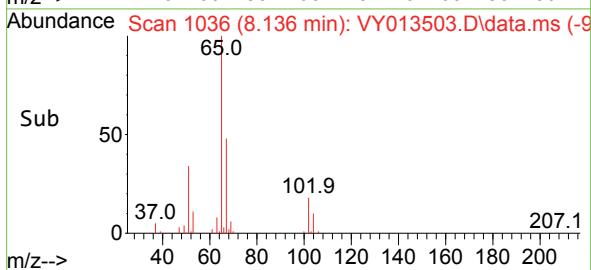
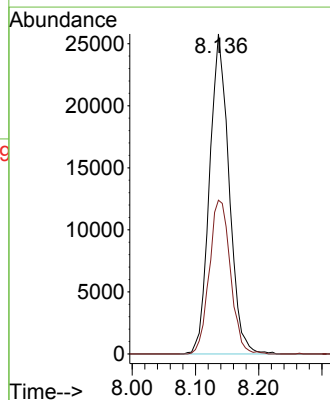
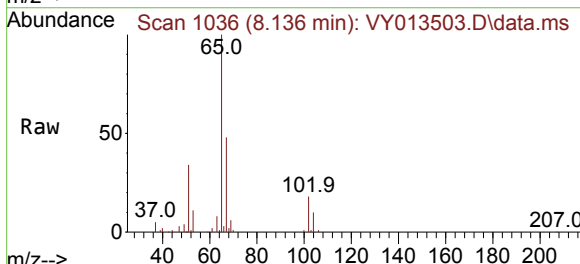
Instrument :
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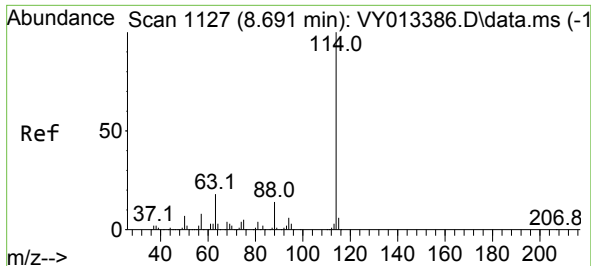
Tgt Ion: 56 Resp: 2583
Ion Ratio Lower Upper
56 100
69 146.4 29.2 43.8#
84 97.7 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 50.234 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 65 Resp: 55121
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4

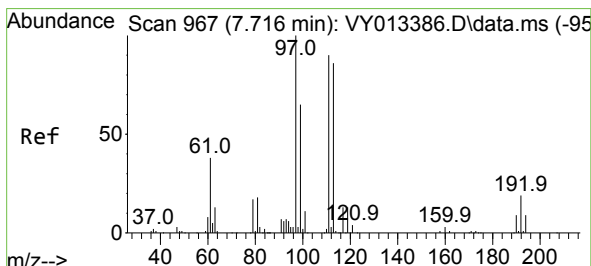
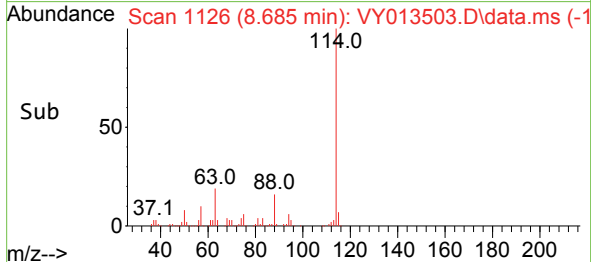
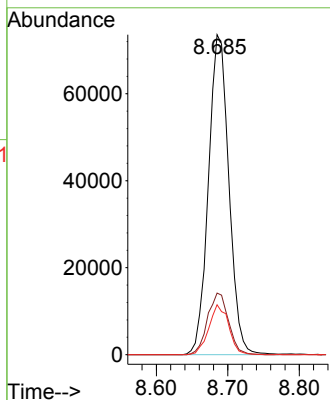
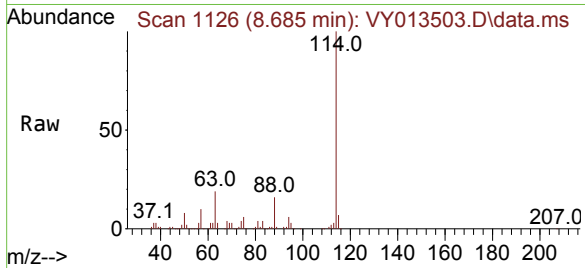




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

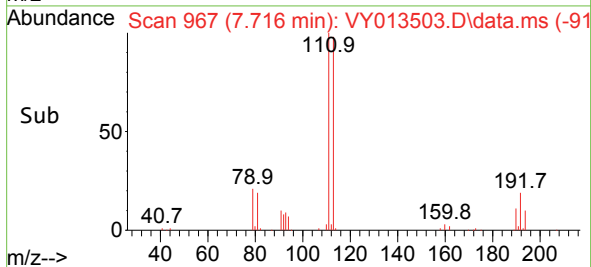
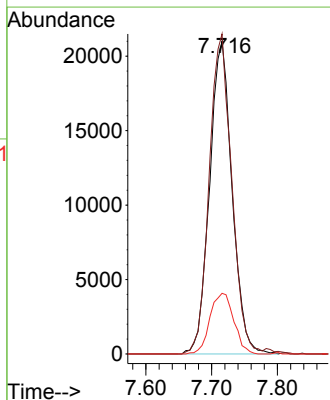
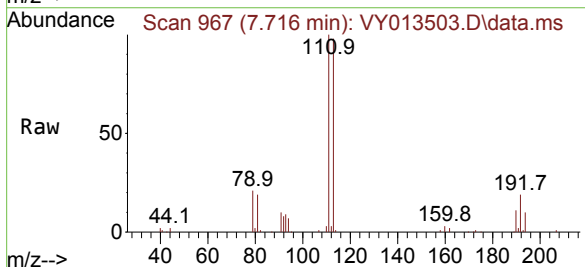
Instrument : MSVOA_Y
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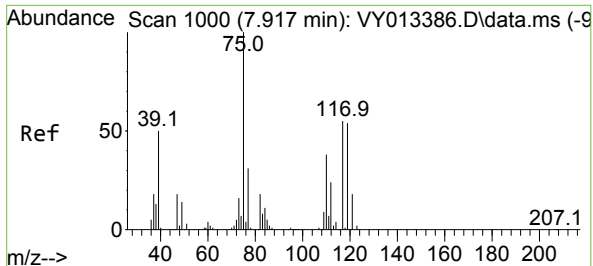
Tgt Ion:114	Resp:	146044
Ion	Ratio	Lower Upper
114	100	
63	19.3	0.0 36.6
88	15.6	0.0 28.8



#35
Dibromofluoromethane
Concen: 54.446 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion:113	Resp:	50011
Ion	Ratio	Lower Upper
113	100	
111	102.0	82.2 123.2
192	20.5	16.7 25.1

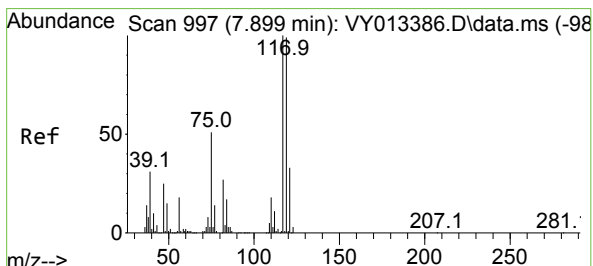
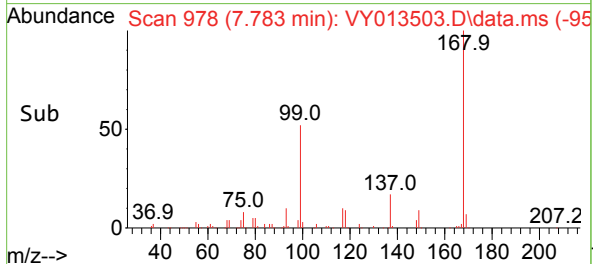
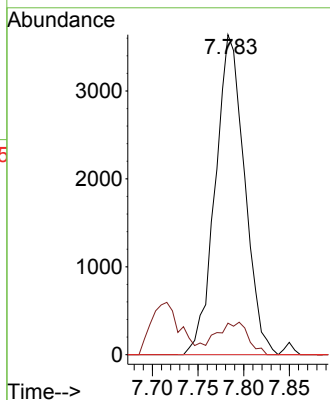
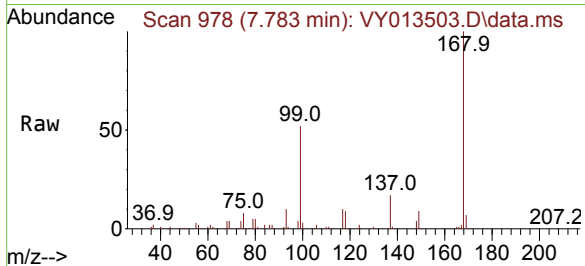




#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

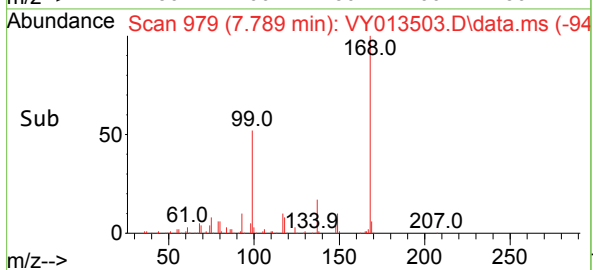
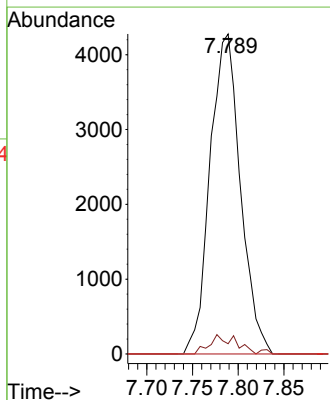
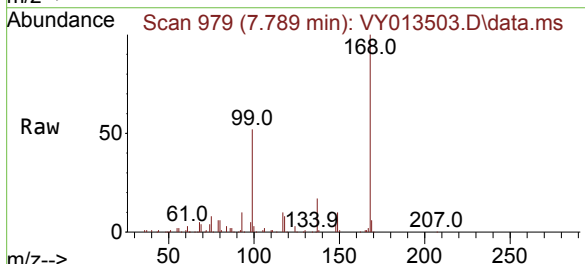
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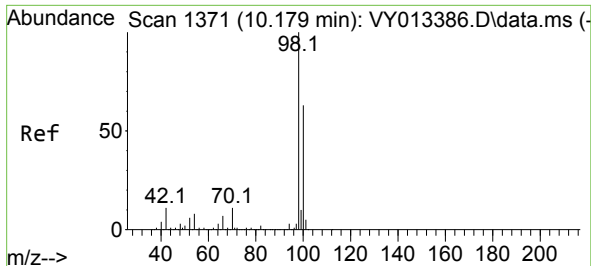
Tgt Ion: 75 Resp: 8110
Ion Ratio Lower Upper
75 100
110 10.7 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 117 Resp: 9897
Ion Ratio Lower Upper
117 100
119 3.2 79.0 118.6#
121 0.0 26.6 40.0#

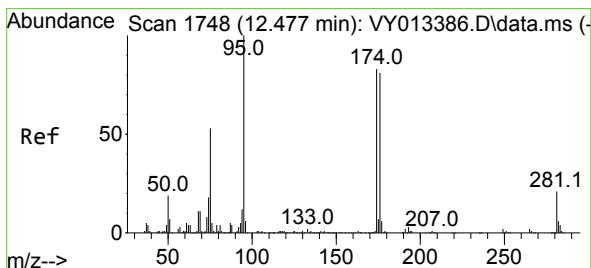
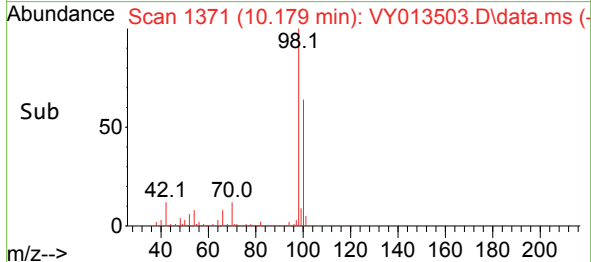
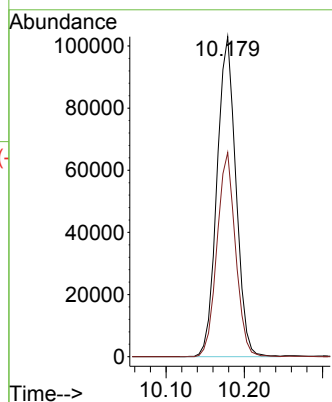
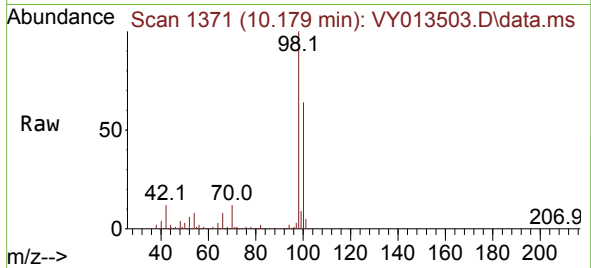




#50
Toluene-d8
Concen: 52.973 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

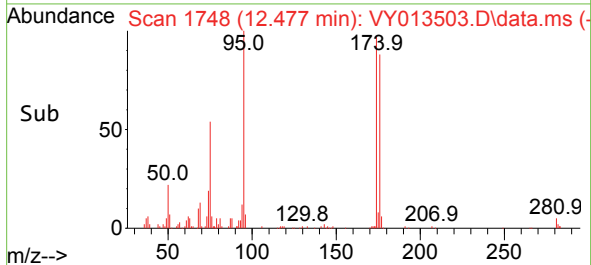
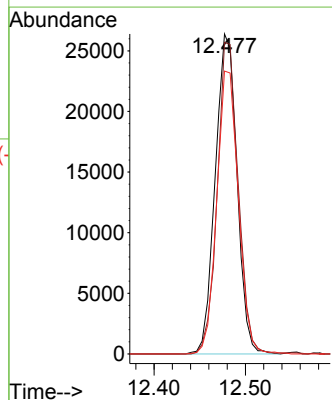
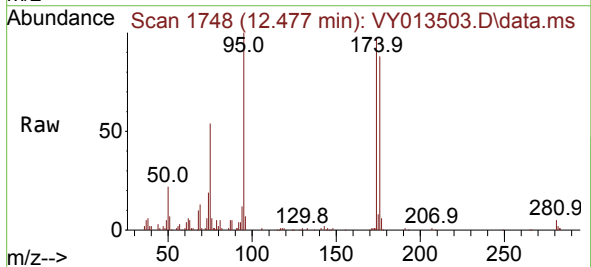
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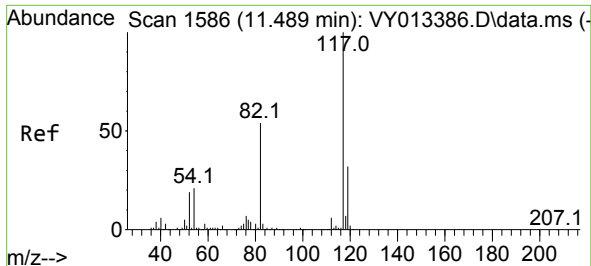
Tgt Ion: 98 Resp: 173097
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 39.484 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 95 Resp: 43496
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.0
176 88.4 0.0 175.4

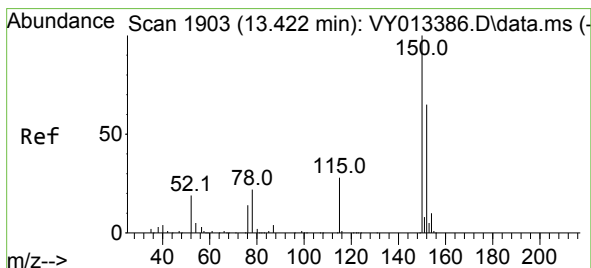
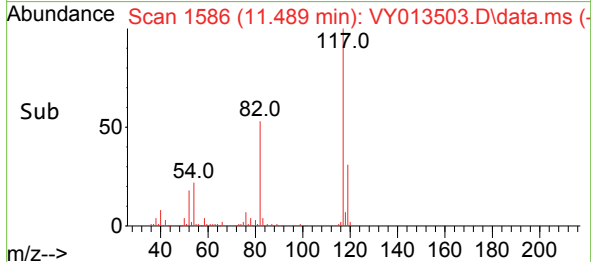
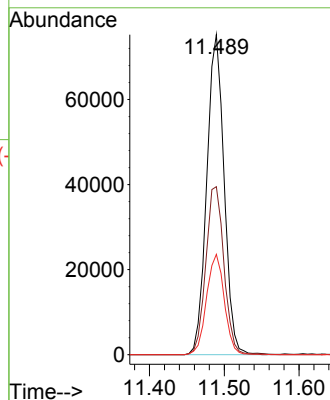
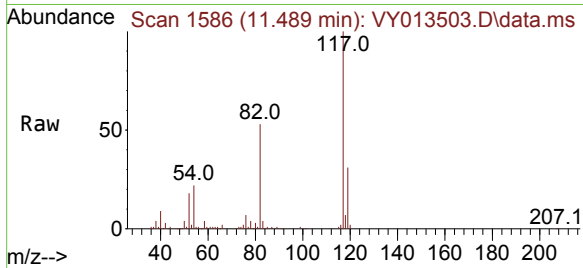




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

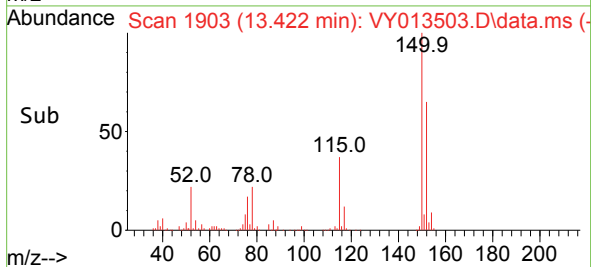
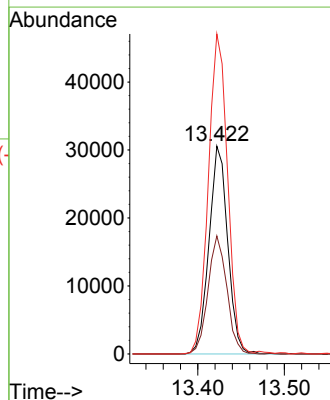
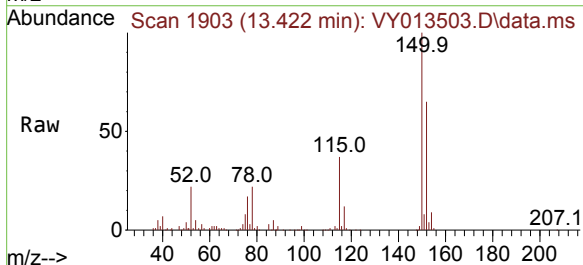
Instrument :
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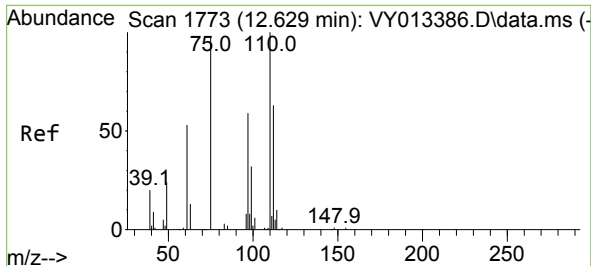
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.6
119	31.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.1	84.2
150	157.5	0.0	352.0

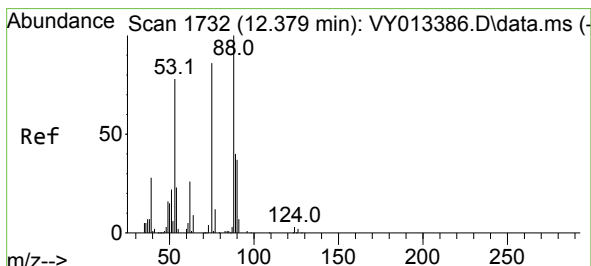
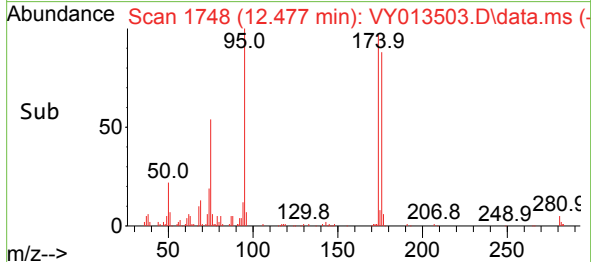
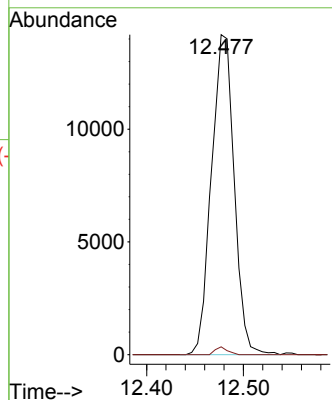
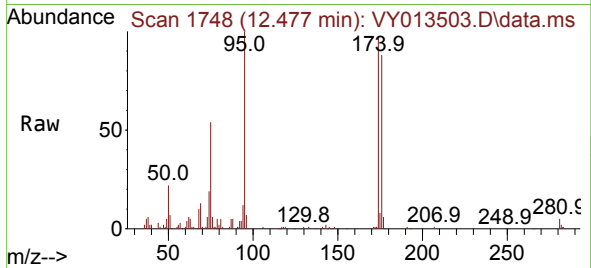




#76
1,2,3-Trichloropropane
Concen: 37.452 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-ST-&-BAY-AVE-INTERSECTION

Tgt Ion: 75 Resp: 23208
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.610 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013503.D
Acq: 27 Apr 2023 19:37

Tgt Ion: 75 Resp: 23208
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.1 38.0 57.0#

