

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012535.D
 Acq On : 08 Feb 2023 12:18
 Operator : KP/MD
 Sample : 01464-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Feb 09 07:13:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

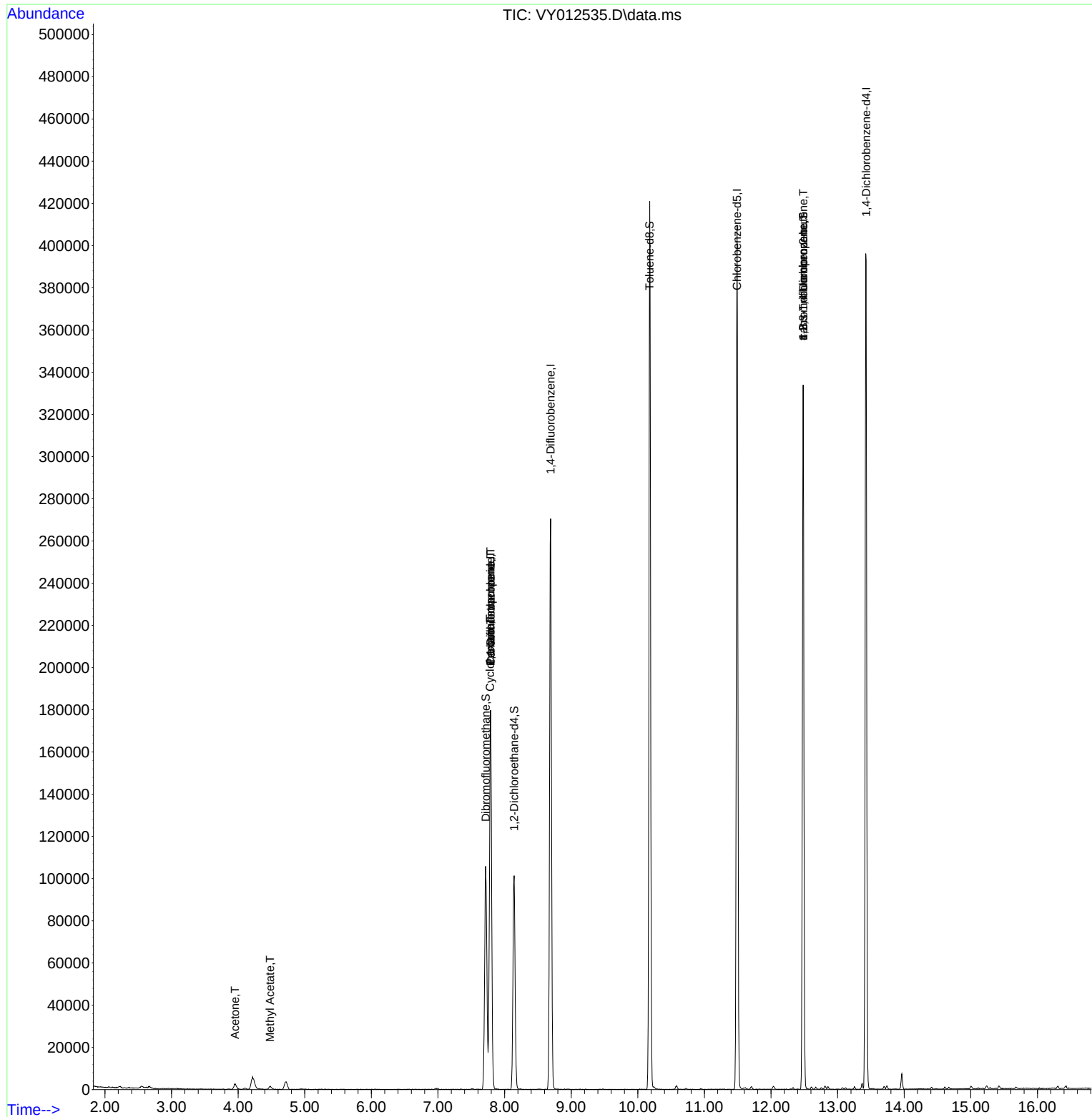
Internal Standards						
1) Pentafluorobenzene	7.789	168	144146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86917	47.418	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.840%		
35) Dibromofluoromethane	7.716	113	71973	40.851	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.700%		
50) Toluene-d8	10.179	98	283665	38.681	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.360%		
62) 4-Bromofluorobenzene	12.483	95	94423	36.914	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	73.820%		
Target Compounds						
5) Bromomethane	2.662	94	369	Below Cal	Qvalue 95	
11) Tert butyl alcohol	4.966	59	420	Below Cal	# 75	
16) Acetone	3.954	43	4624	10.481	ug/l	96
18) Methyl Acetate	4.479	43	2433	2.294	ug/l #	72
20) Methylene Chloride	4.716	84	3169	Below Cal	# 95	
31) Cyclohexane	7.783	56	2629	1.241	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	9566	4.012	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14138	4.417	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	49824	40.485	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49824	91.296	ug/l #	12

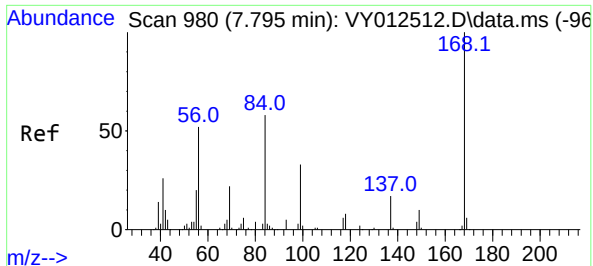
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Quant Time: Feb 09 07:13:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
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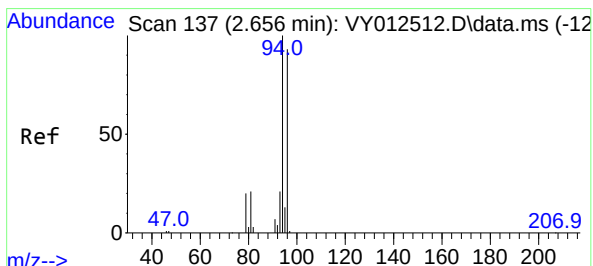
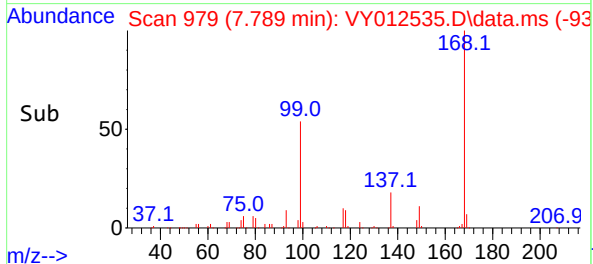
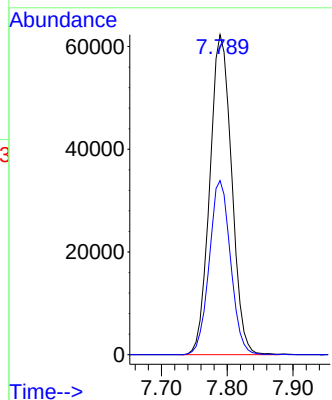
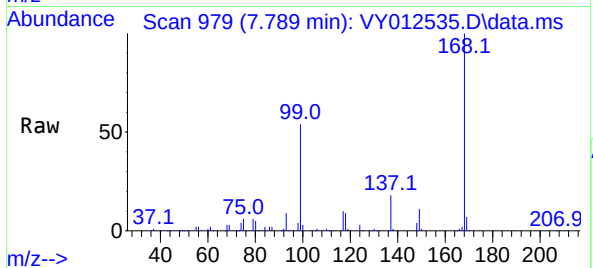




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

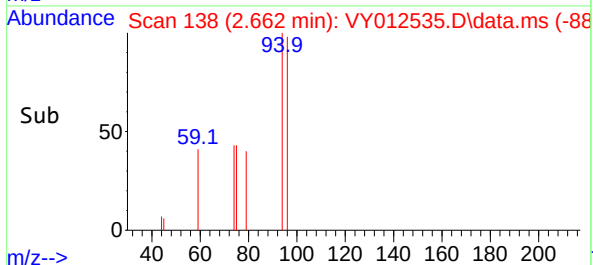
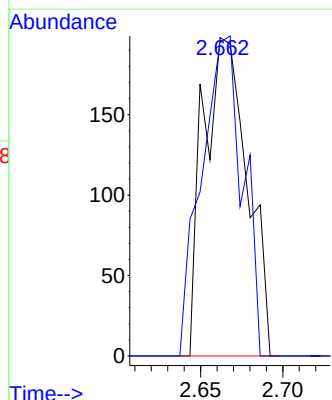
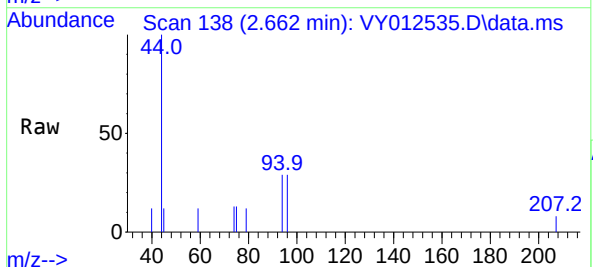
Instrument :
MSVOA_Y
ClientSampleId :
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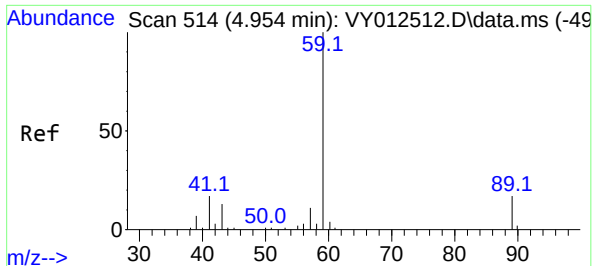
Tgt Ion:168 Resp: 144146
Ion Ratio Lower Upper
168 100
99 54.4 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 98.5 74.7 112.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY012535.D

Acq: 08 Feb 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

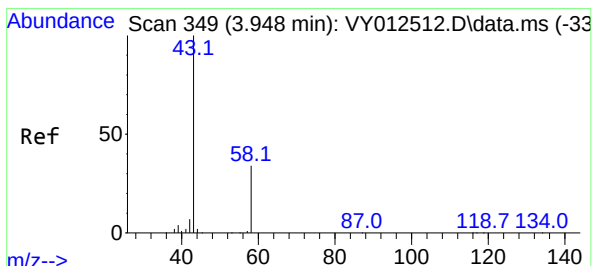
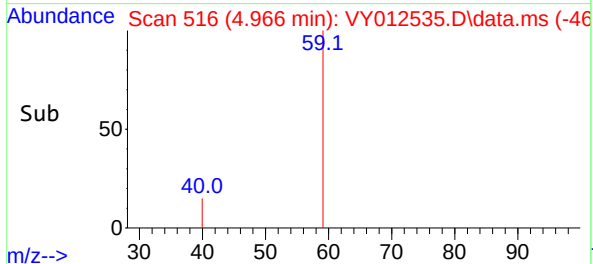
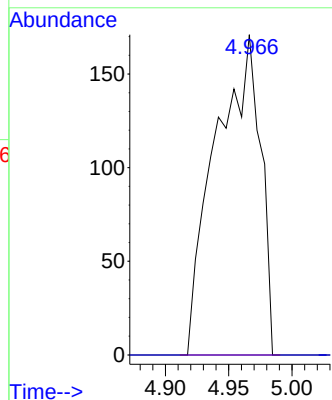
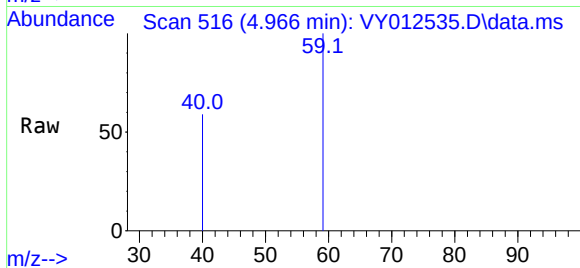
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Tgt Ion: 59 Resp: 420

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 10.481 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY012535.D

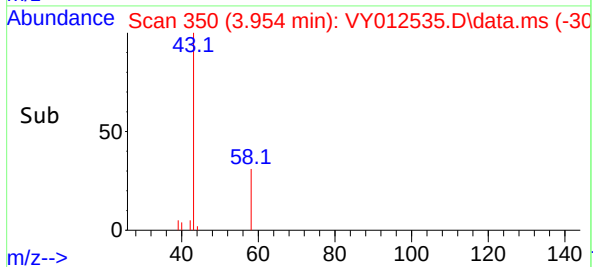
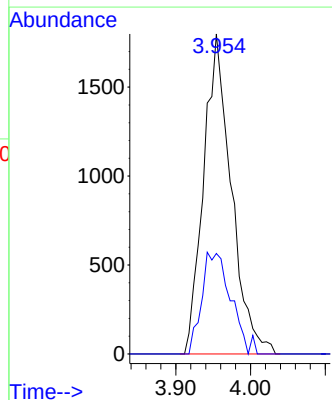
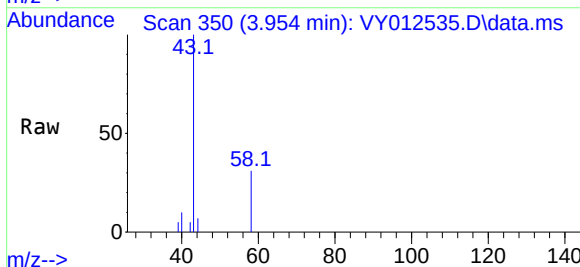
Acq: 08 Feb 2023 12:18

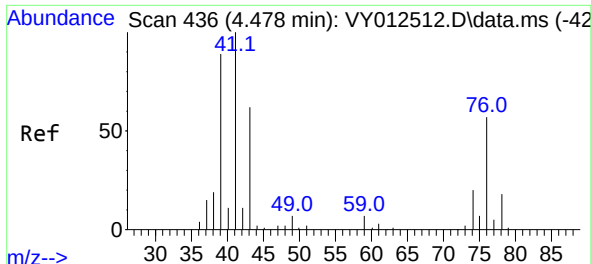
Tgt Ion: 43 Resp: 4624

Ion Ratio Lower Upper

43 100

58 31.4 27.1 40.7

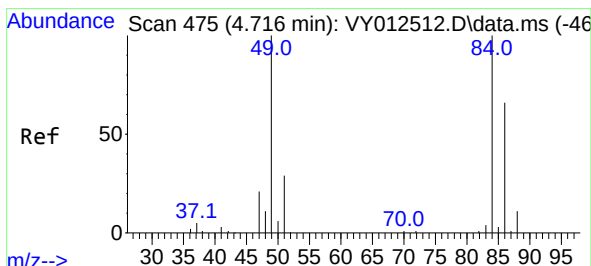
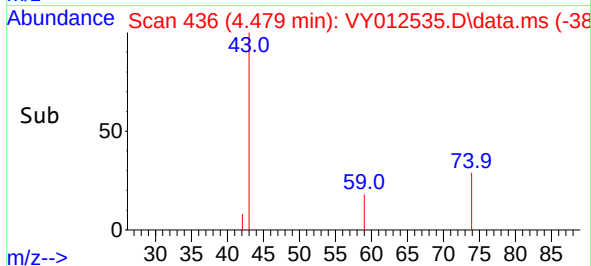
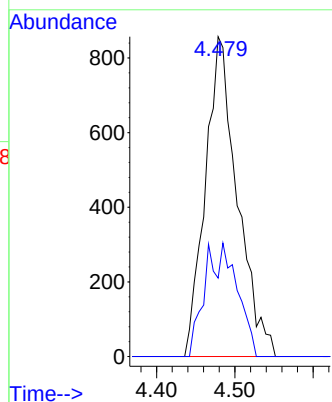
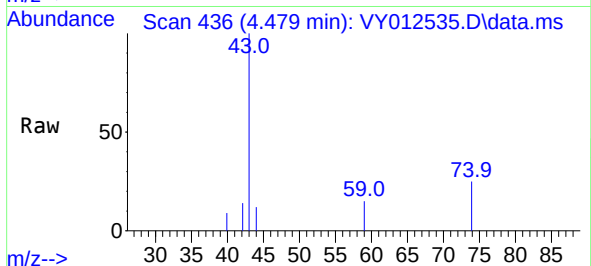




#18
Methyl Acetate
Concen: 2.294 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

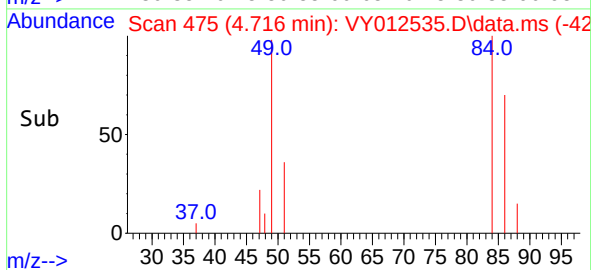
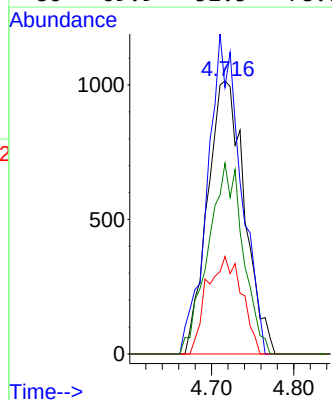
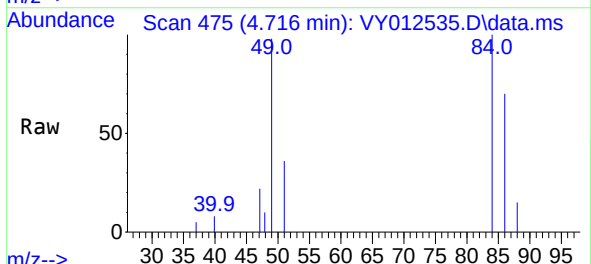
Instrument :
MSVOA_Y
ClientSampleId :
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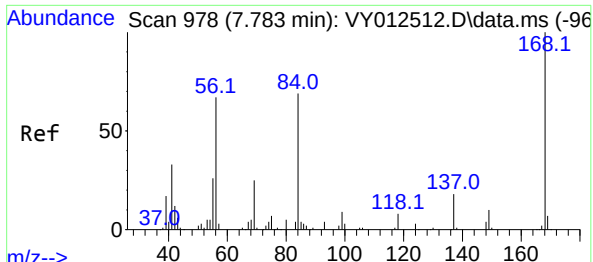
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
74 16.4 25.6 38.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

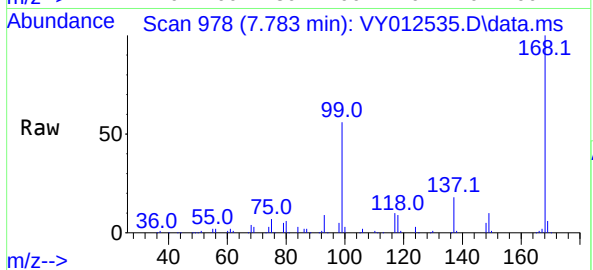
Tgt Ion: 84 Resp: 3169
Ion Ratio Lower Upper
84 100
49 97.6 79.8 119.6
51 35.7 23.4 35.2#
86 69.9 52.5 78.7



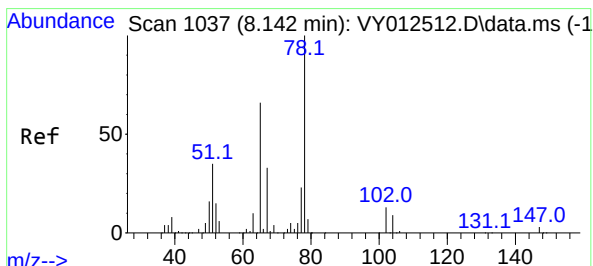
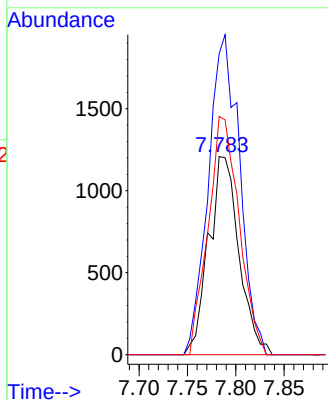
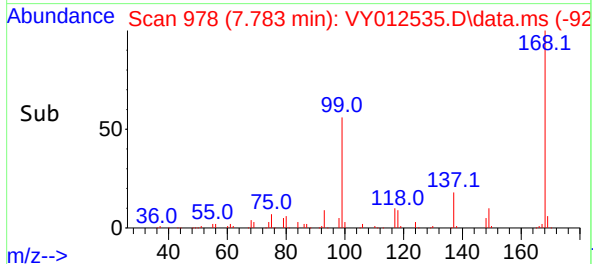


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

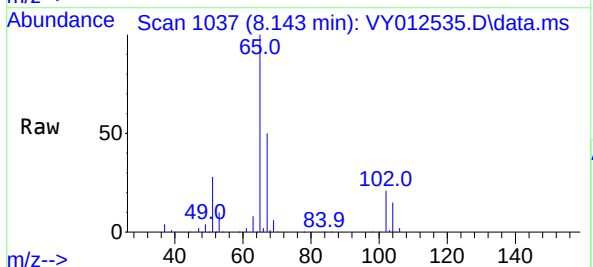
Instrument :
MSVOA_Y
ClientSampleId :
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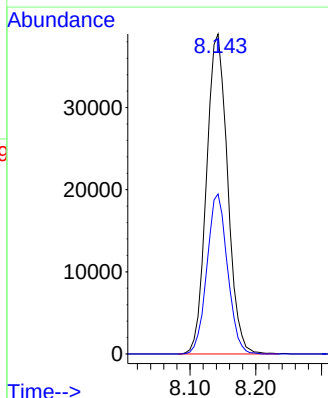
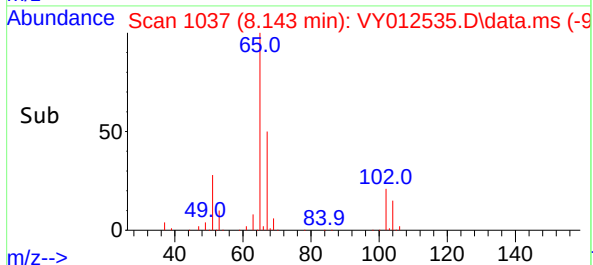
Tgt Ion: 56 Resp: 2629
Ion Ratio Lower Upper
56 100
69 152.0 29.5 44.3#
84 120.3 81.9 122.9

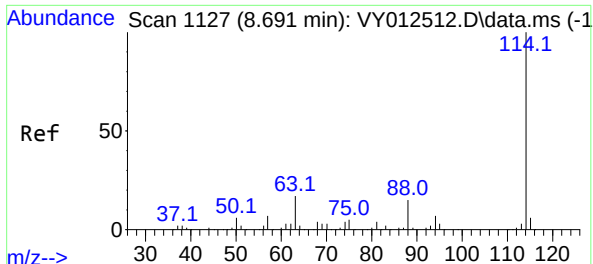


#33
1,2-Dichloroethane-d4
Concen: 47.418 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18



Tgt Ion: 65 Resp: 86917
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012535.D

Acq: 08 Feb 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

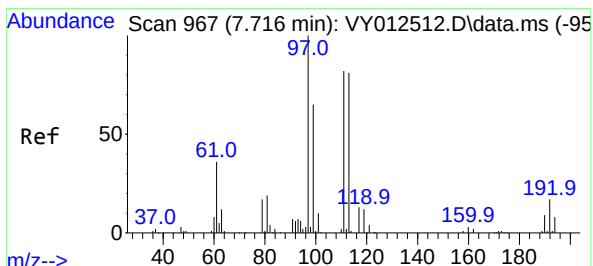
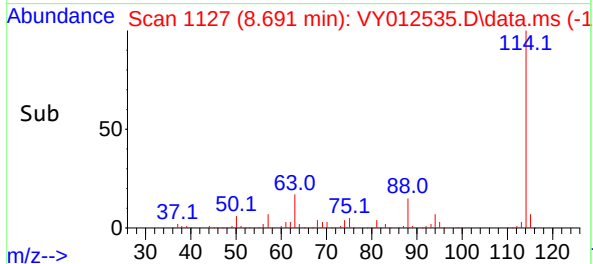
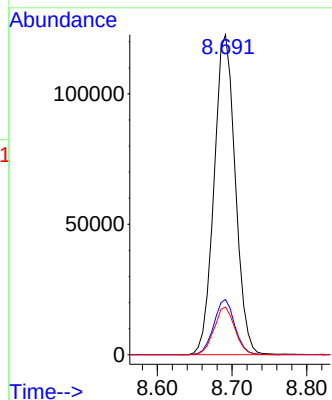
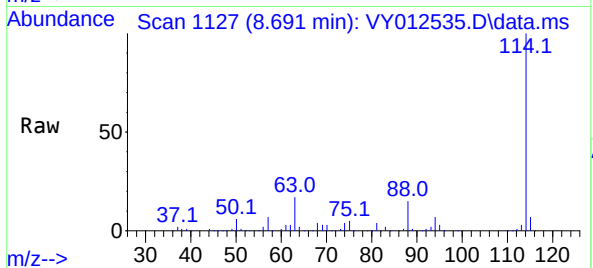
Tgt Ion:114 Resp: 241928

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.6

88 14.9 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.851 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012535.D

Acq: 08 Feb 2023 12:18

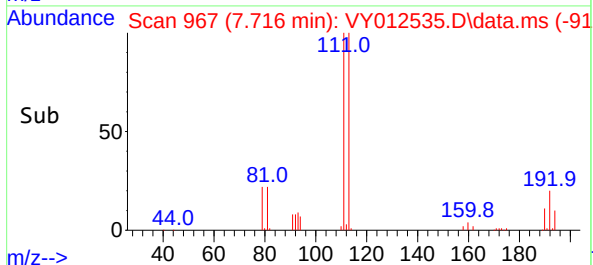
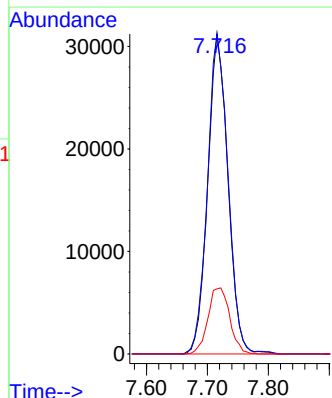
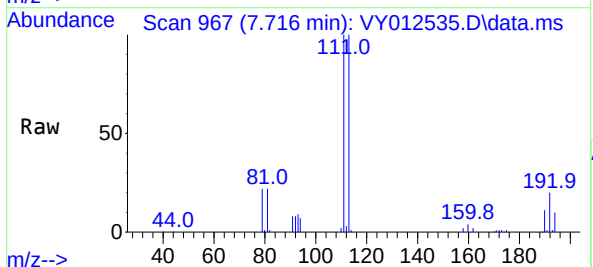
Tgt Ion:113 Resp: 71973

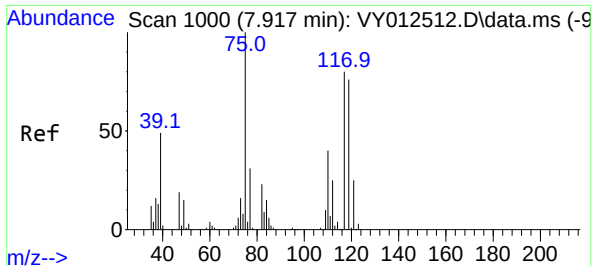
Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 22.3 17.5 26.3





#36

1,1-Dichloropropene

Concen: 4.012 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012535.D

Acq: 08 Feb 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

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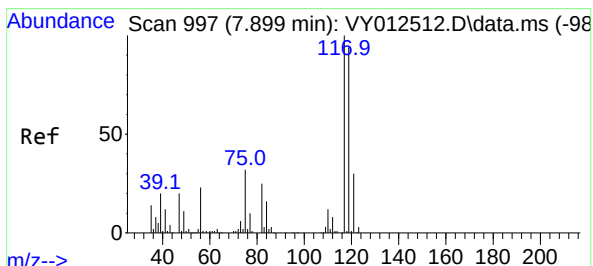
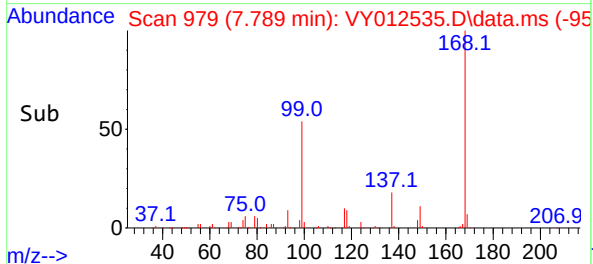
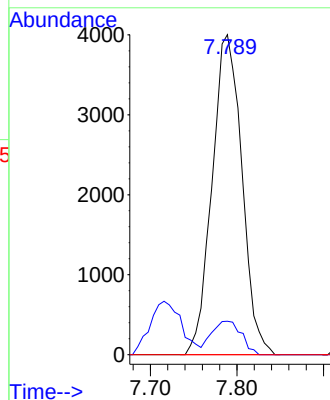
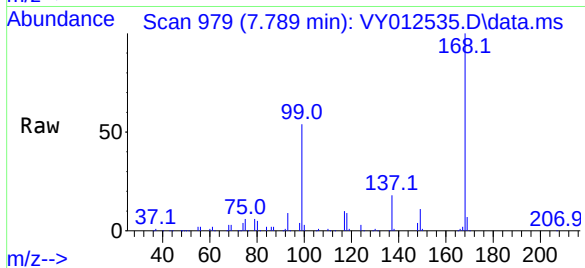
Tgt Ion: 75 Resp: 9566

Ion Ratio Lower Upper

75 100

110 10.5 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.417 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012535.D

Acq: 08 Feb 2023 12:18

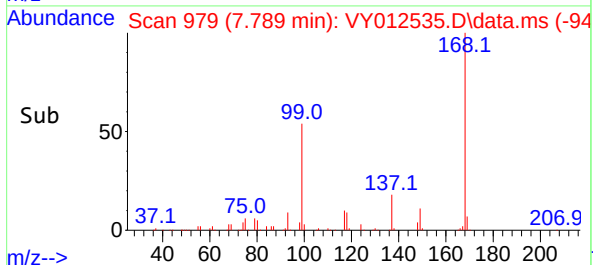
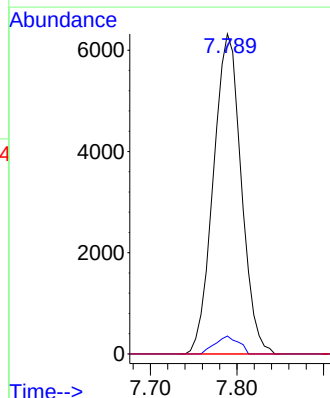
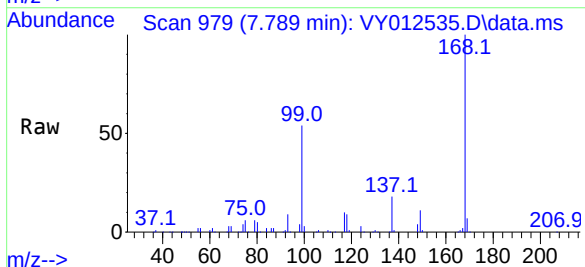
Tgt Ion: 117 Resp: 14138

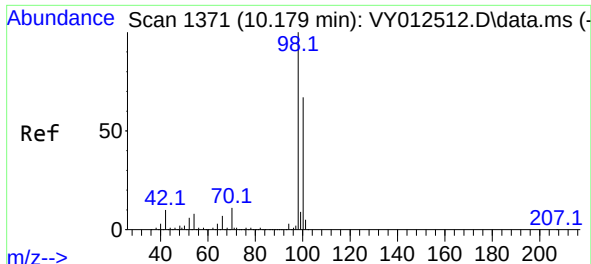
Ion Ratio Lower Upper

117 100

119 5.6 75.1 112.7#

121 0.0 24.3 36.5#

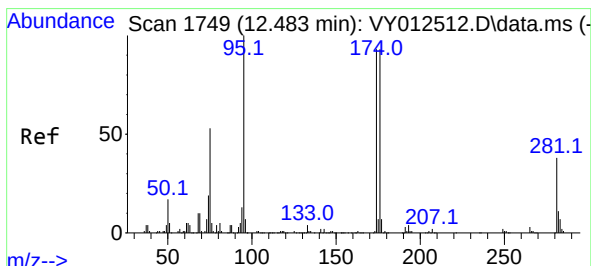
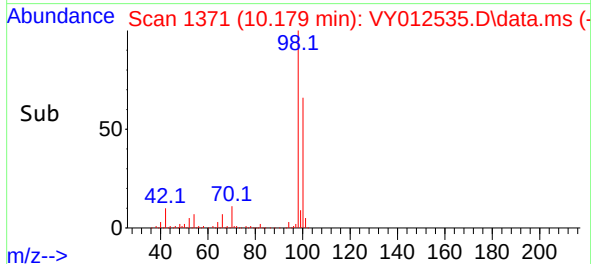
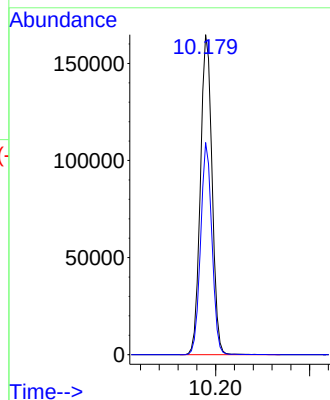
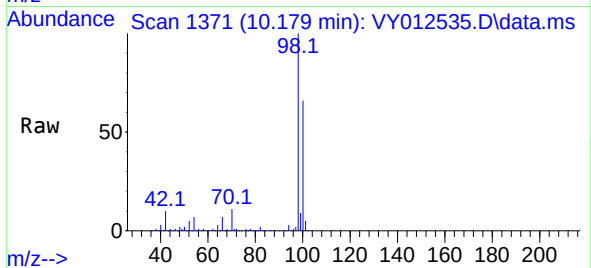




#50
Toluene-d8
Concen: 38.681 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

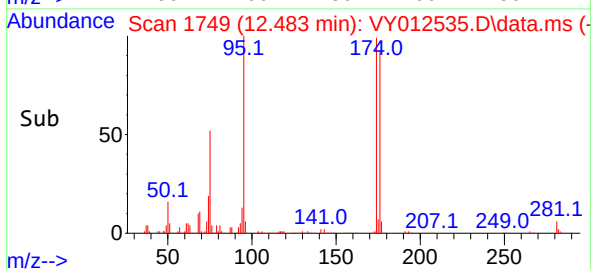
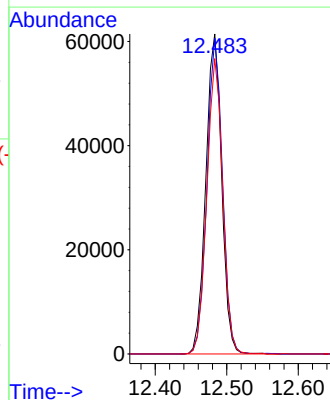
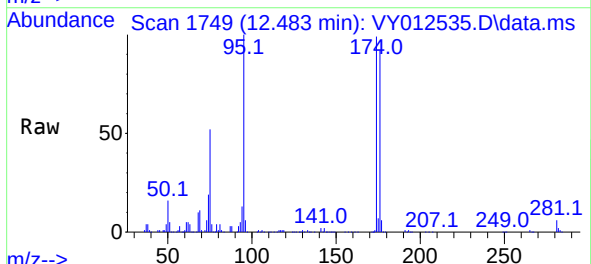
Instrument :
MSVOA_Y
ClientSampleId :
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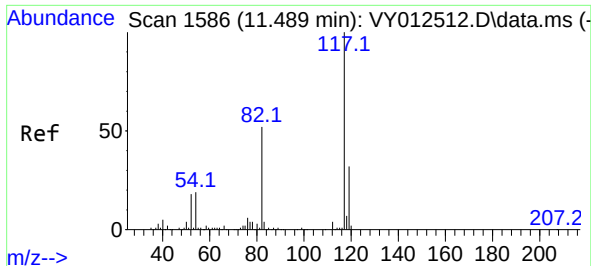
Tgt Ion: 98 Resp: 283665
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 36.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

Tgt Ion: 95 Resp: 94423
Ion Ratio Lower Upper
95 100
174 97.2 0.0 188.0
176 92.4 0.0 183.6

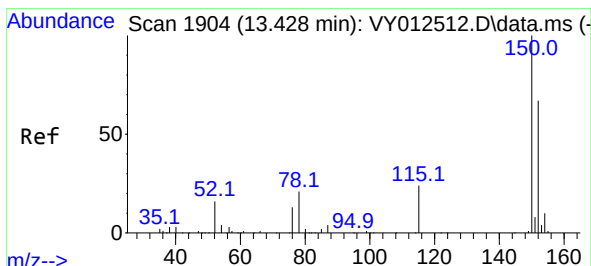
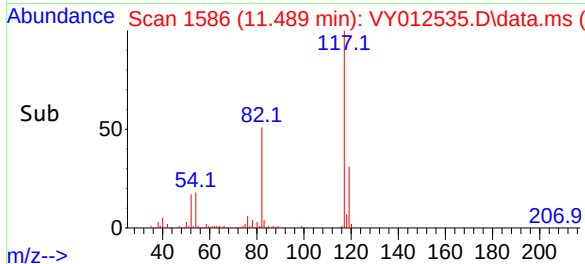
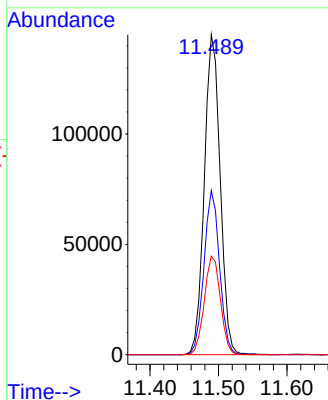
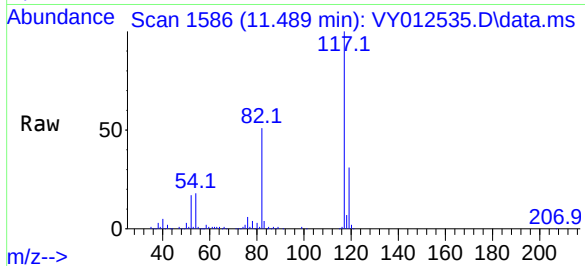




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

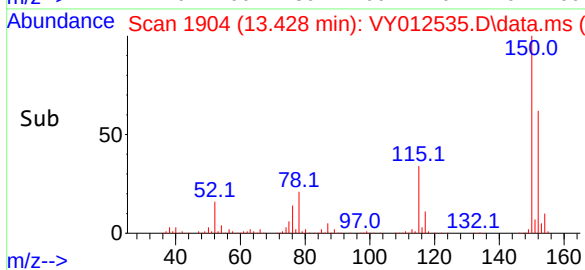
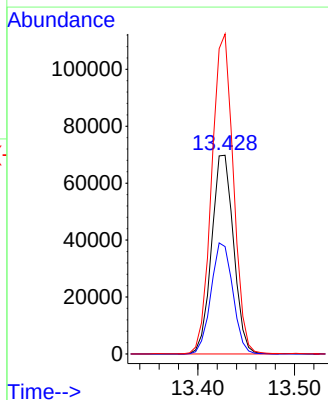
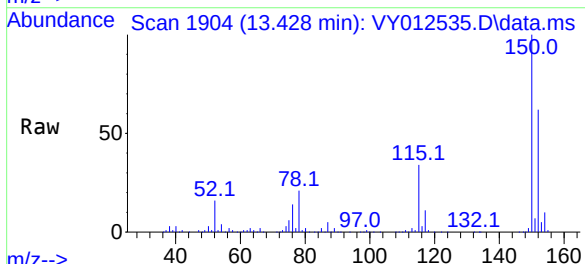
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

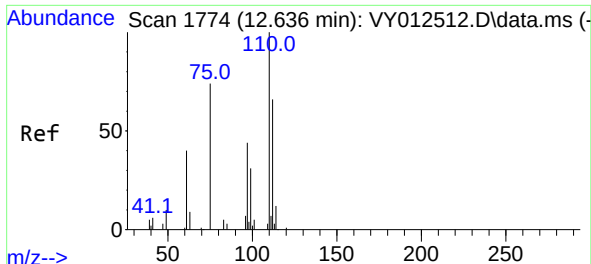
Tgt Ion:117 Resp: 233968
Ion Ratio Lower Upper
117 100
82 51.3 41.7 62.5
119 30.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

Tgt Ion:152 Resp: 110154
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.3
150 158.5 0.0 351.0

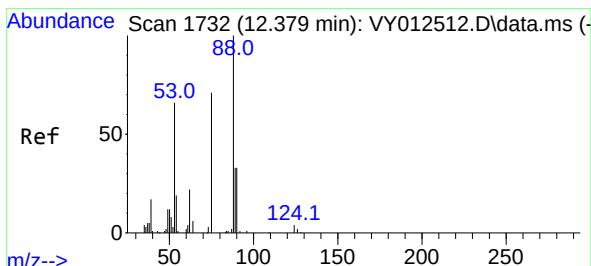
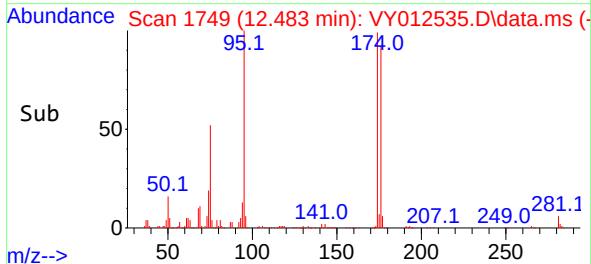
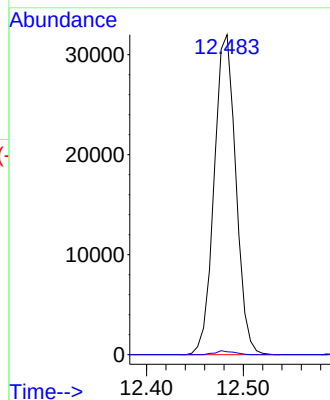
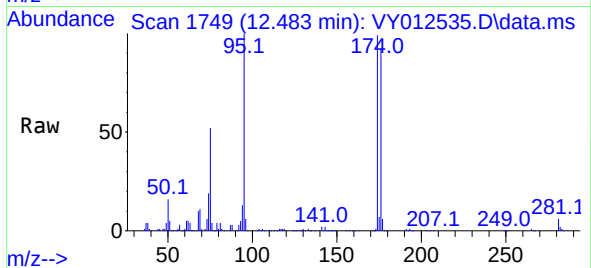




#76
1,2,3-Trichloropropane
Concen: 40.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 49824
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012535.D
Acq: 08 Feb 2023 12:18

Tgt Ion: 75 Resp: 49824
Ion Ratio Lower Upper
75 100
53 0.1 73.1 109.7#
89 0.0 39.9 59.9#

