

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012254.D
 Acq On : 19 Jan 2023 10:43
 Operator : KP/MD
 Sample : VY0119SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBL01

Quant Time: Jan 20 03:21:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

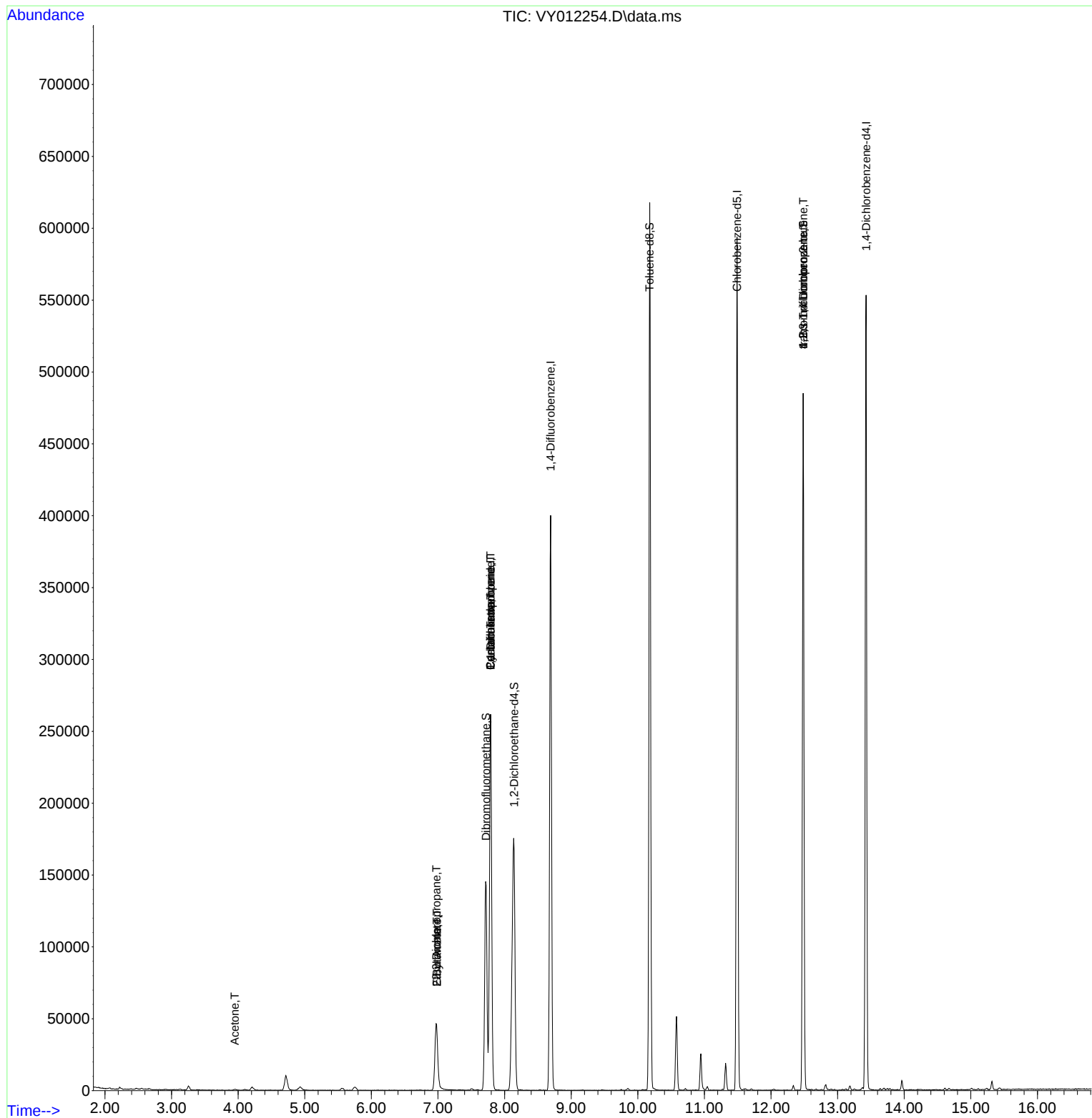
Internal Standards						
1) Pentafluorobenzene	7.789	168	211691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	352363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116676	67.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.800%			
35) Dibromofluoromethane	7.722	113	103219	55.323	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.640%			
50) Toluene-d8	10.179	98	410722	64.819	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 129.640%			
62) 4-Bromofluorobenzene	12.483	95	136483	51.892	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.780%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.930	59	2447	Below Cal	#	74
16) Acetone	3.948	43	1140	1.934	ug/l	90
20) Methylene Chloride	4.716	84	8185	Below Cal		85
25) 2-Butanone	6.984	43	2089	3.210	ug/l	# 83
26) 2,2-Dichloropropane	6.978	77	3858	1.069	ug/l	# 53
31) Cyclohexane	7.789	56	3655	1.184	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	14344	4.524	ug/l	# 50
37) Ethyl Acetate	6.984	43	2089	1.494	ug/l	# 1
38) Carbon Tetrachloride	7.789	117	20175	4.926	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	70079	49.989	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	70079	103.000	ug/l	# 13

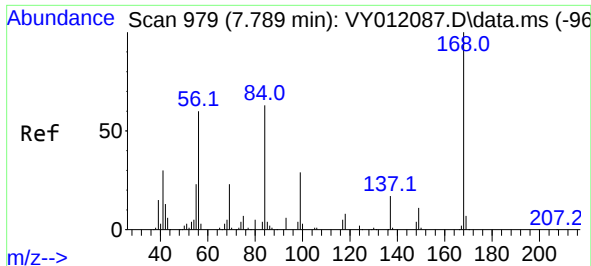
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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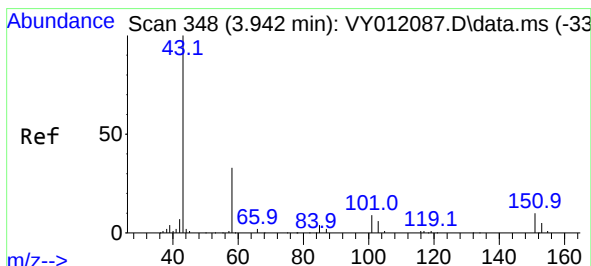
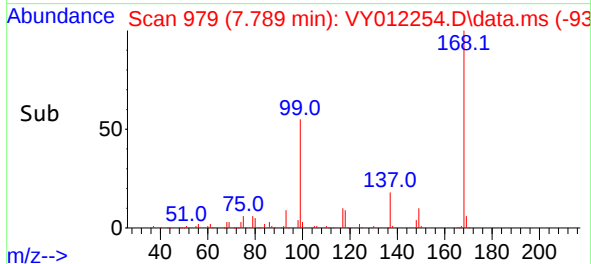
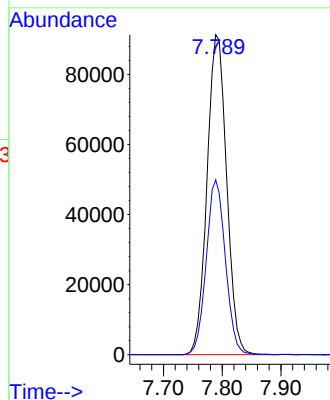
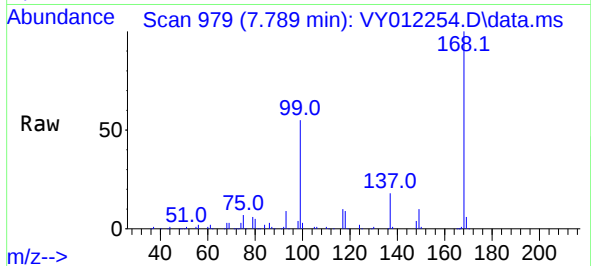




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

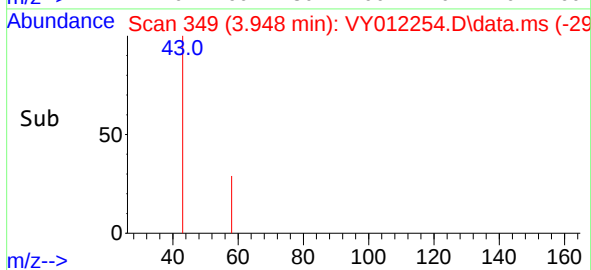
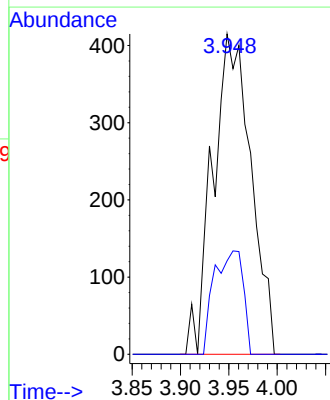
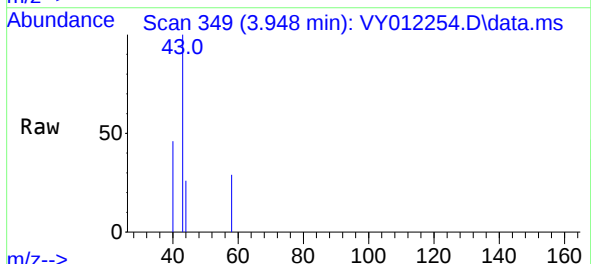
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBL01

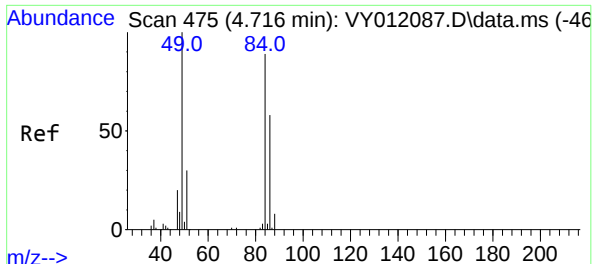
Tgt Ion:168 Resp: 211691
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#16
Acetone
Concen: 1.934 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Tgt Ion: 43 Resp: 1140
Ion Ratio Lower Upper
43 100
58 29.2 27.9 41.9

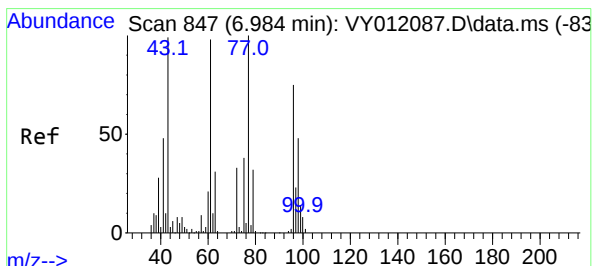
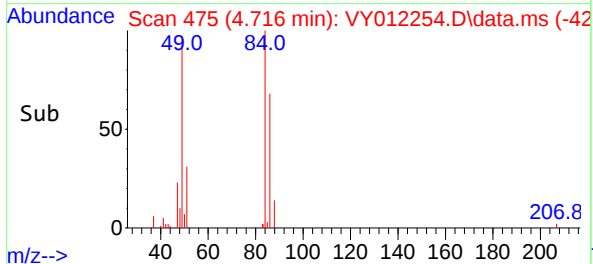
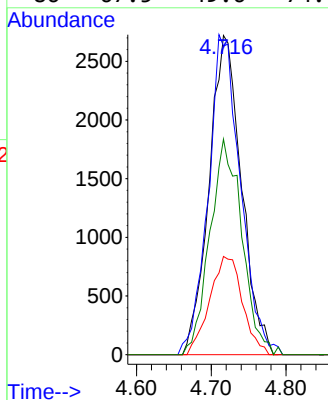
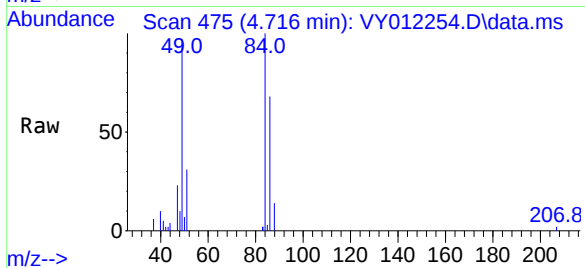




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

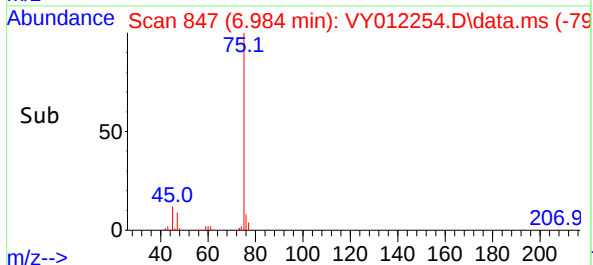
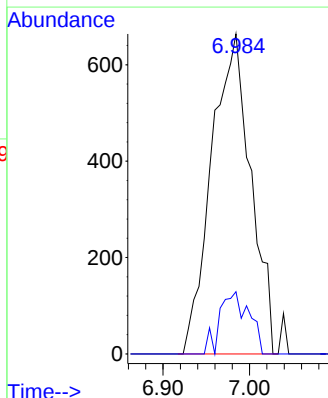
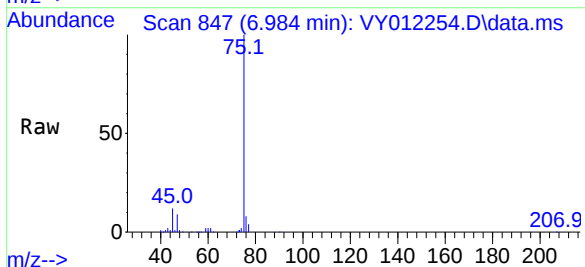
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBL01

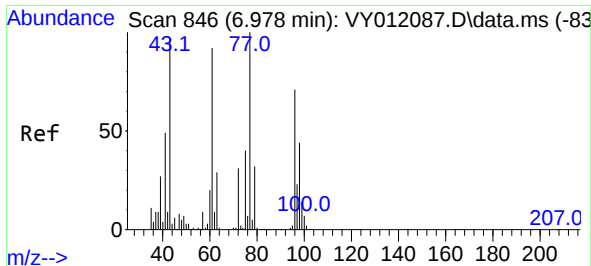
Tgt Ion:	84	Resp:	8185
Ion	Ratio	Lower	Upper
84	100		
49	96.7	95.4	143.2
51	30.8	29.9	44.9
86	67.5	49.6	74.4



#25
2-Butanone
Concen: 3.210 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Tgt Ion:	43	Resp:	2089
Ion	Ratio	Lower	Upper
43	100		
72	19.4	22.6	34.0#





#26

2,2-Dichloropropane

Concen: 1.069 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

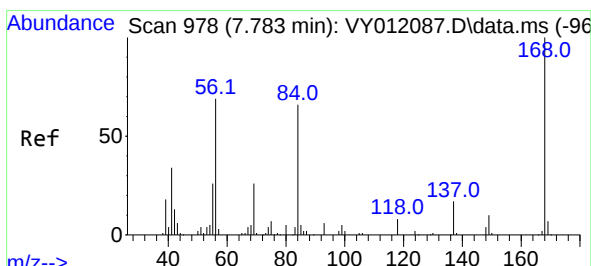
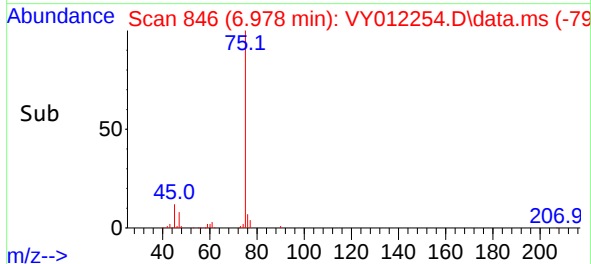
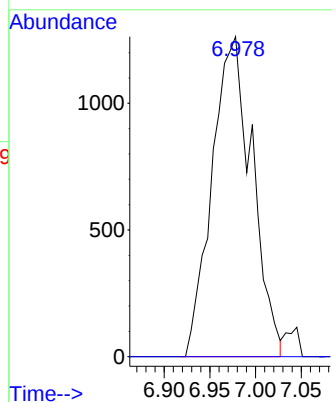
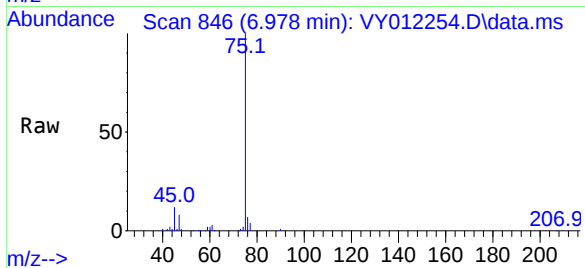
VY0119SBL01

Tgt Ion: 77 Resp: 3858

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.184 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

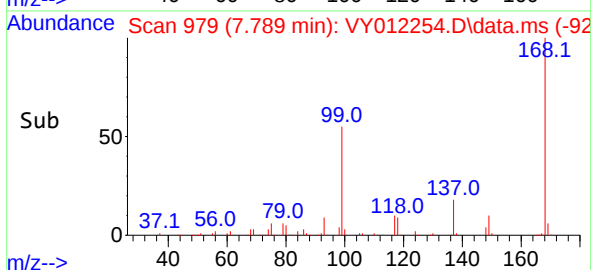
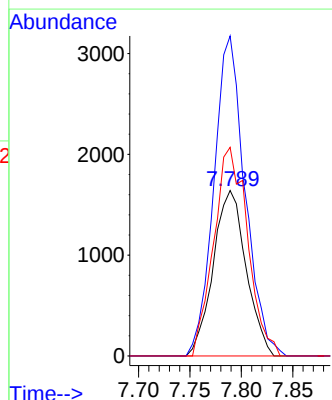
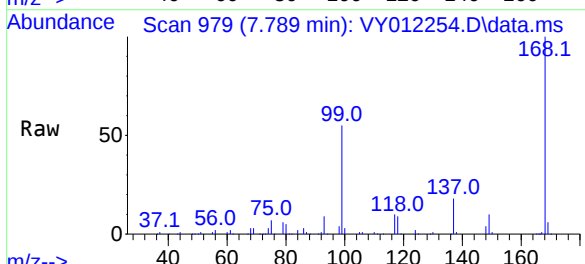
Tgt Ion: 56 Resp: 3655

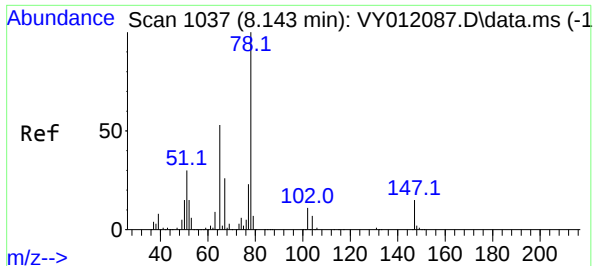
Ion Ratio Lower Upper

56 100

69 193.4 29.2 43.8#

84 126.1 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 67.902 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

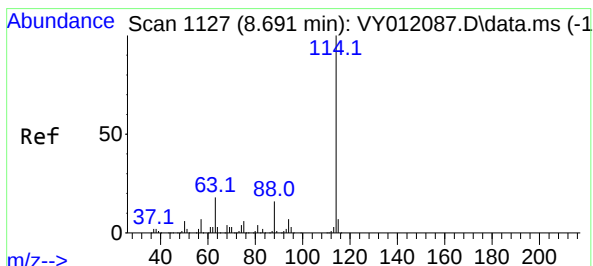
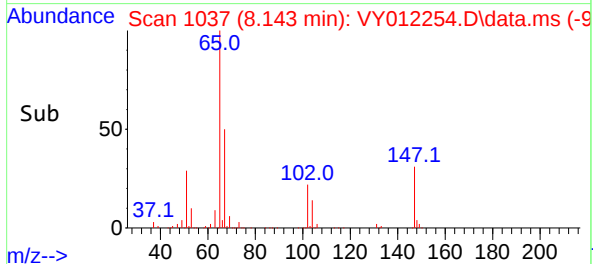
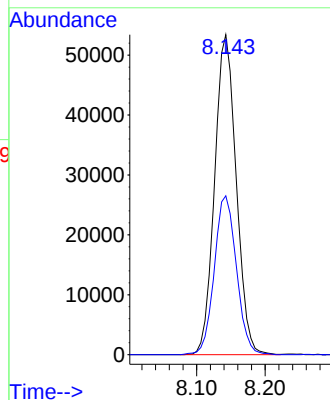
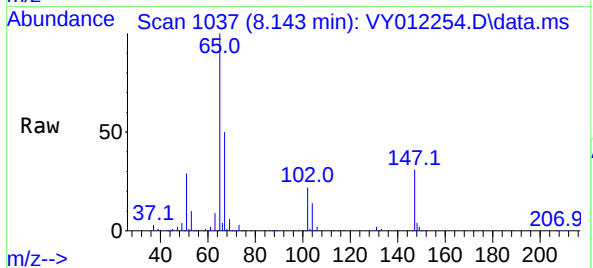
VY0119SBL01

Tgt Ion: 65 Resp: 116676

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

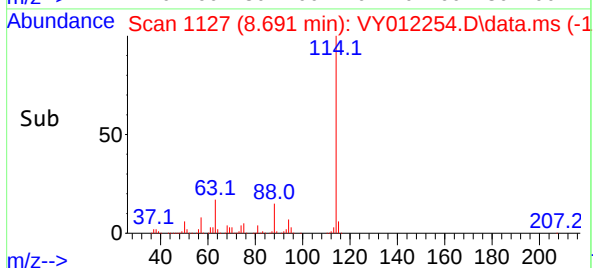
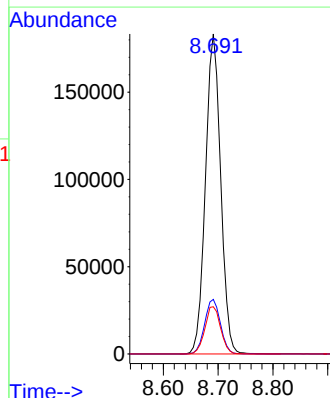
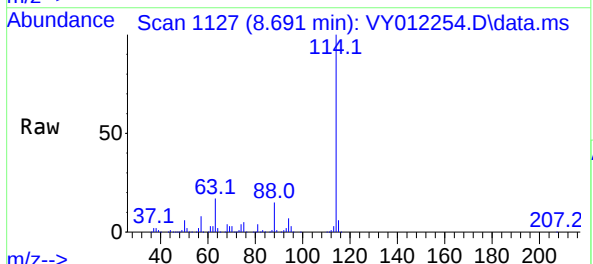
Tgt Ion:114 Resp: 352363

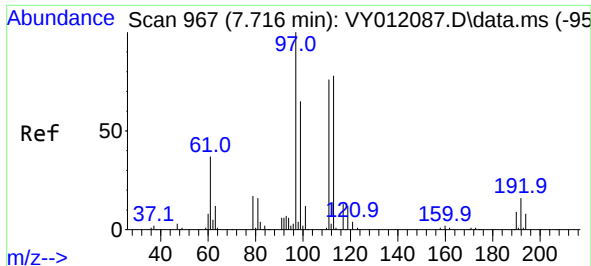
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 14.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.323 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBL01

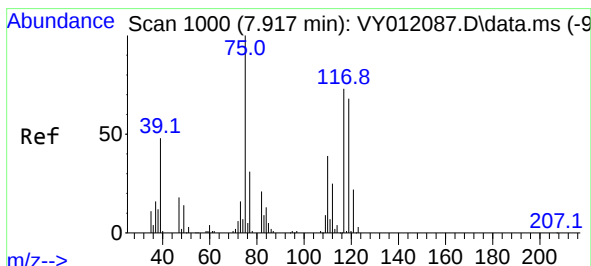
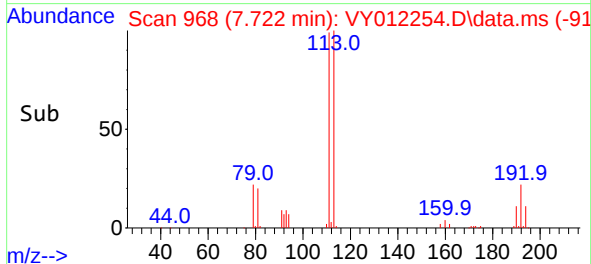
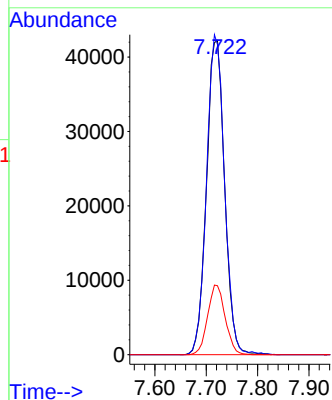
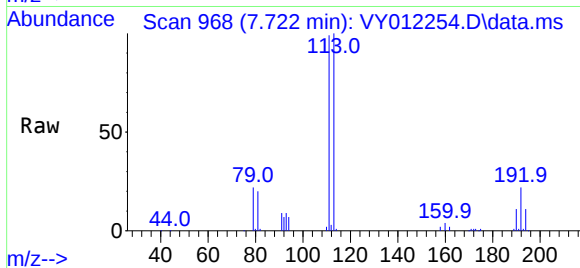
Tgt Ion:113 Resp: 103219

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 21.5 16.0 24.0



#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

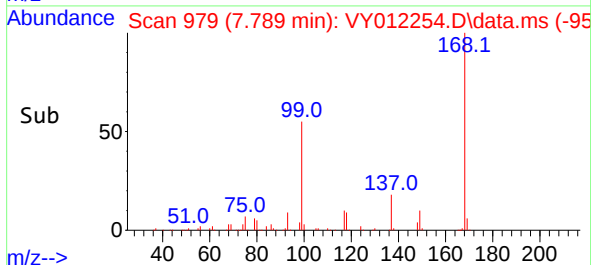
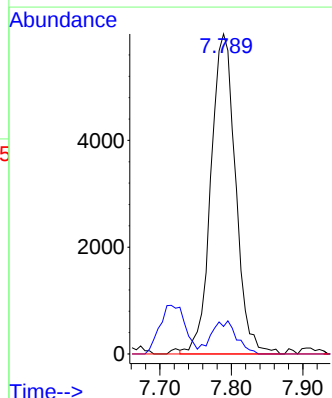
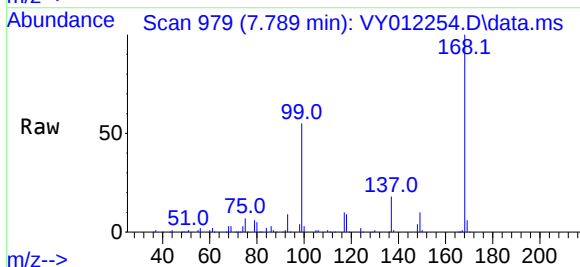
Tgt Ion: 75 Resp: 14344

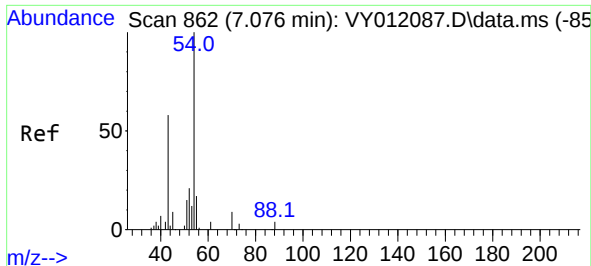
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.1#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.494 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBL01

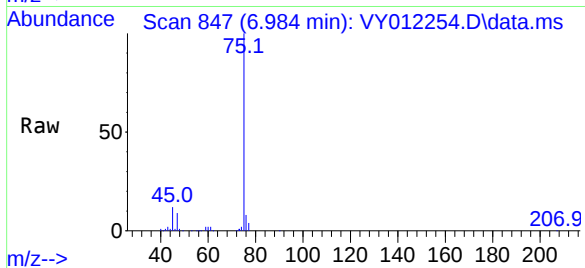
Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

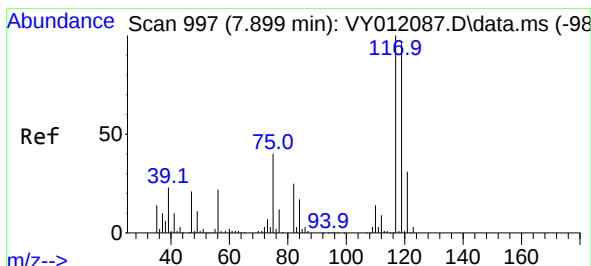
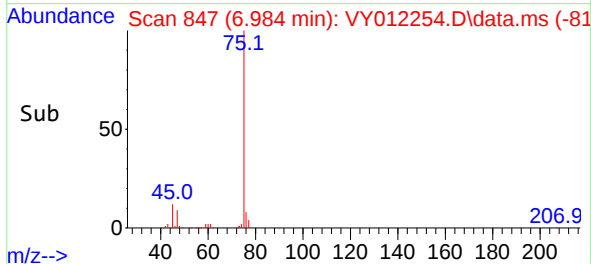
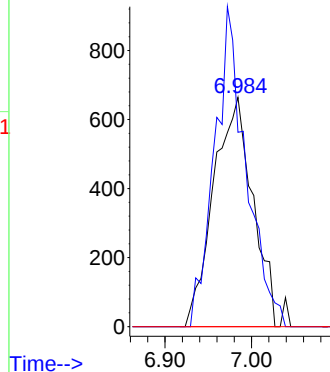
43 100

61 112.0 11.3 16.9#

70 0.0 8.2 12.4#



Abundance



#38

Carbon Tetrachloride

Concen: 4.926 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012254.D

Acq: 19 Jan 2023 10:43

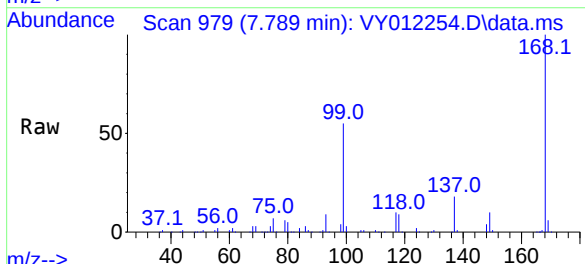
Tgt Ion: 117 Resp: 20175

Ion Ratio Lower Upper

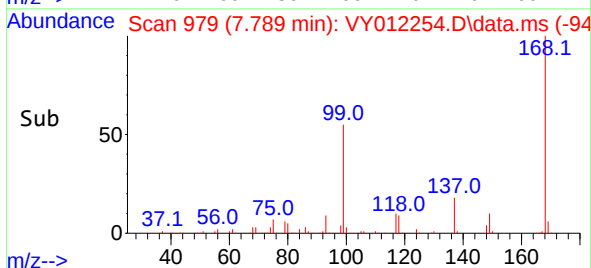
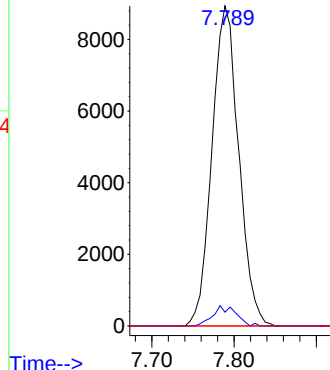
117 100

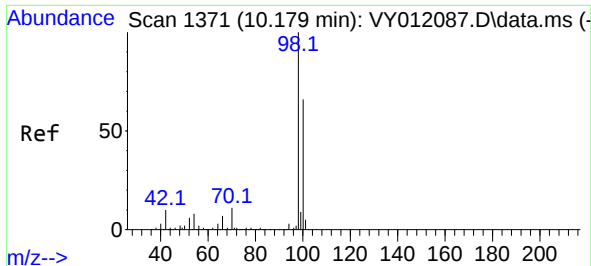
119 4.3 73.8 110.8#

121 0.0 25.2 37.8#



Abundance

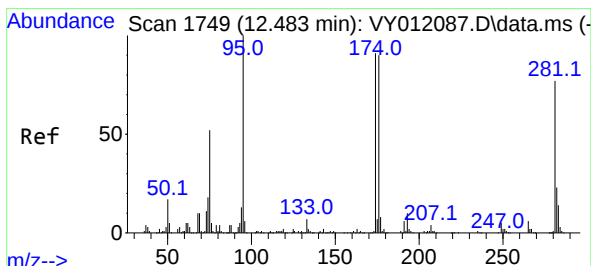
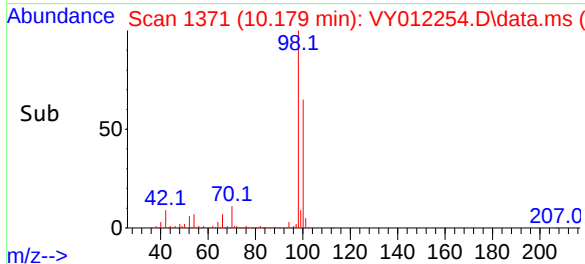
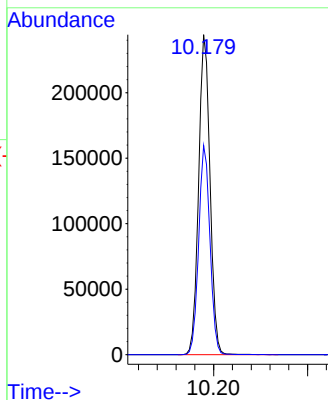
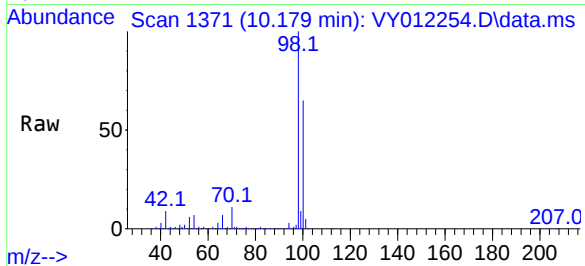




#50
Toluene-d8
Concen: 64.819 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

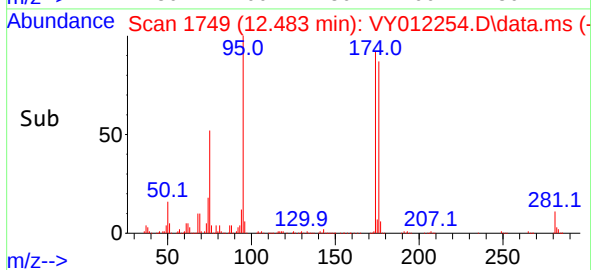
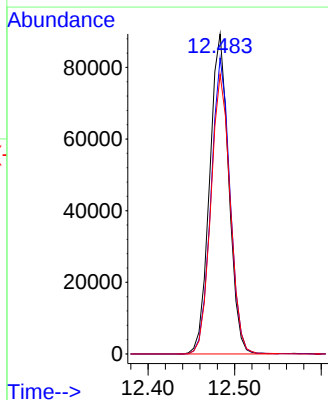
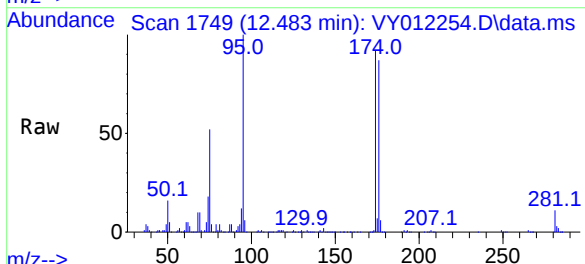
Instrument :
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VY0119SBL01

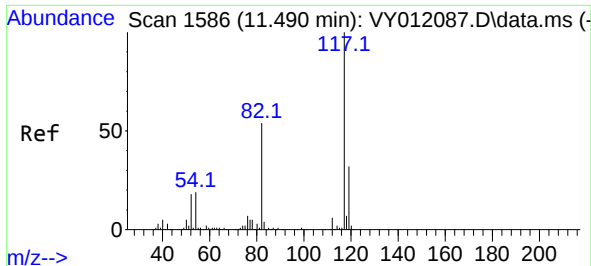
Tgt Ion: 98 Resp: 410722
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.892 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Tgt Ion: 95 Resp: 136483
Ion Ratio Lower Upper
95 100
174 91.9 0.0 172.0
176 88.4 0.0 167.6

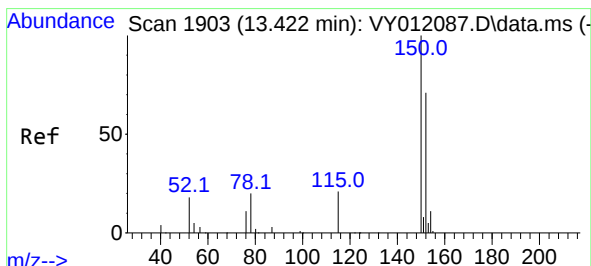
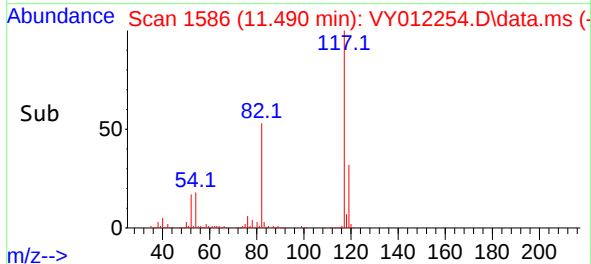
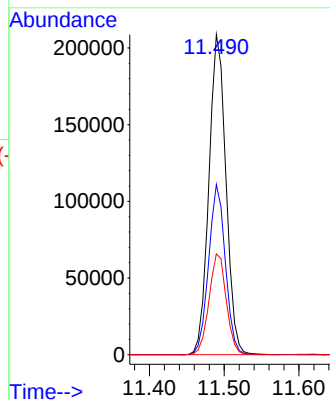
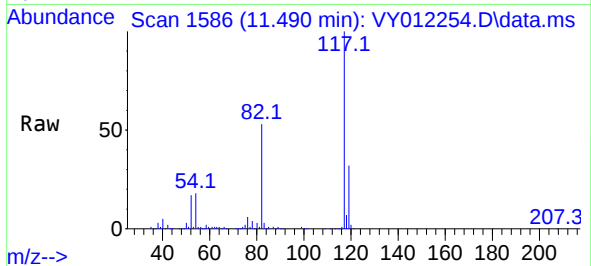




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

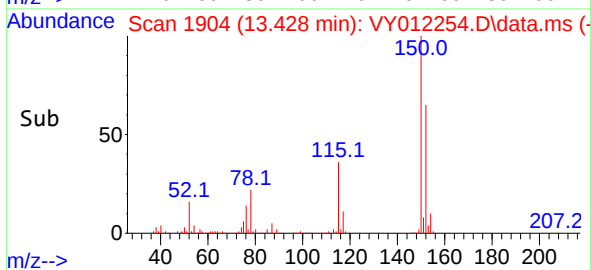
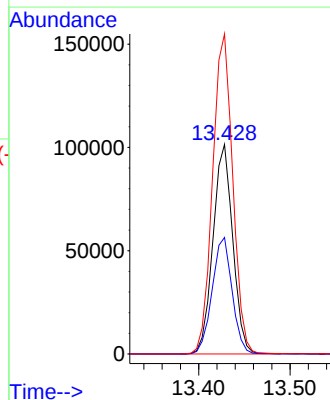
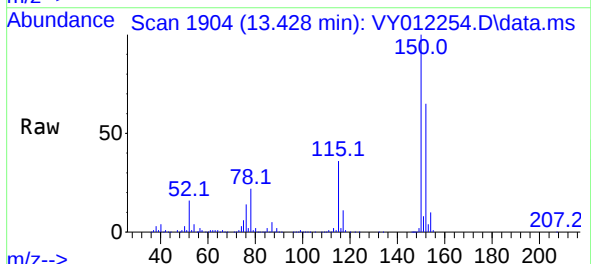
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBL01

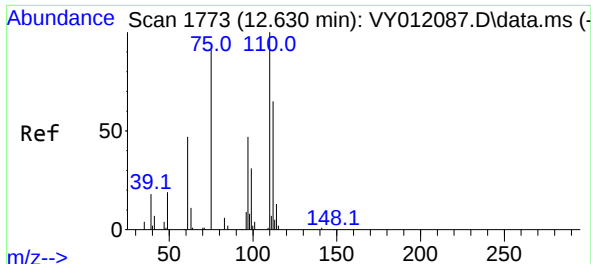
Tgt Ion:117 Resp: 330772
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Tgt Ion:152 Resp: 152455
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 155.6 0.0 342.6

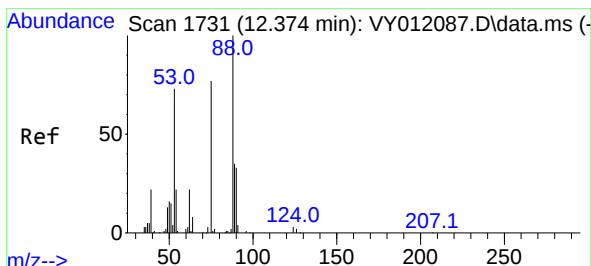
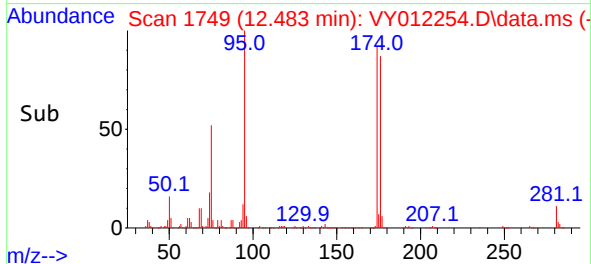
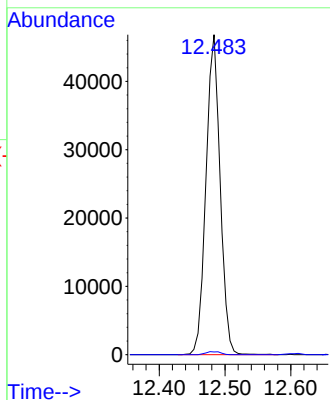
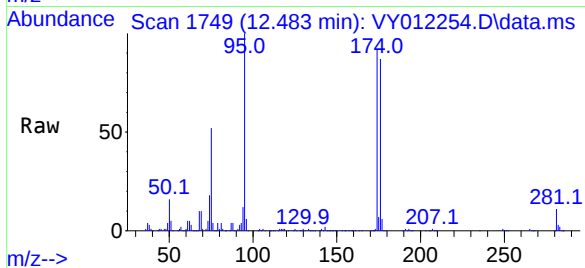




#76
1,2,3-Trichloropropane
Concen: 49.989 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBL01

Tgt Ion: 75 Resp: 70079
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012254.D
Acq: 19 Jan 2023 10:43

Tgt Ion: 75 Resp: 70079
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

