

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012341.D
 Acq On : 24 Jan 2023 14:52
 Operator : KP/MD
 Sample : 01260-07
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:32:01 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)

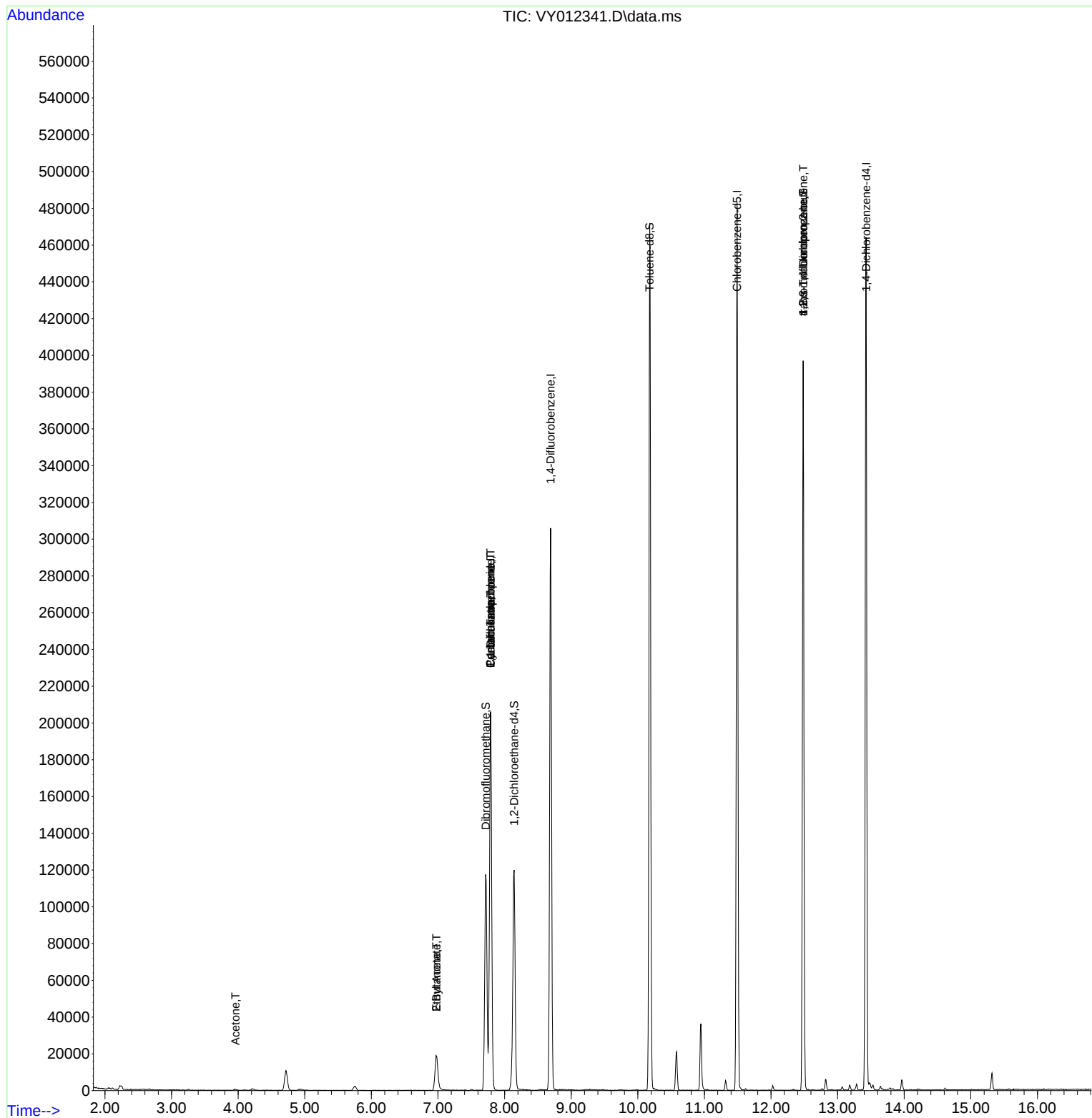
Internal Standards						
1) Pentafluorobenzene	7.789	168	160106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98806	76.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.080%	
35) Dibromofluoromethane	7.716	113	79450	55.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.860%	
50) Toluene-d8	10.179	98	322371	66.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.940%	
62) 4-Bromofluorobenzene	12.483	95	108508	54.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	772	Below Cal	#	74
16) Acetone	3.960	43	1215	2.725	ug/l #	81
20) Methylene Chloride	4.722	84	9120	Below Cal	#	83
25) 2-Butanone	6.978	43	1597	3.245	ug/l #	84
31) Cyclohexane	7.789	56	2911	1.247	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	11038	4.572	ug/l #	50
37) Ethyl Acetate	6.978	43	1597	1.501	ug/l #	15
38) Carbon Tetrachloride	7.789	117	15486	4.967	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	60566	51.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60566	107.030	ug/l #	13

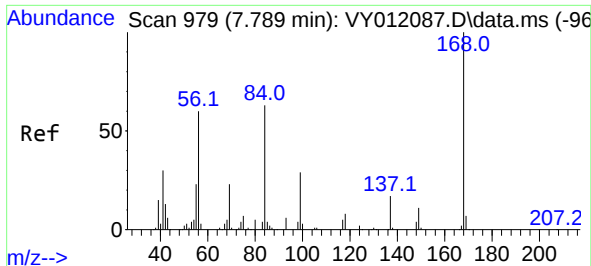
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
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Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

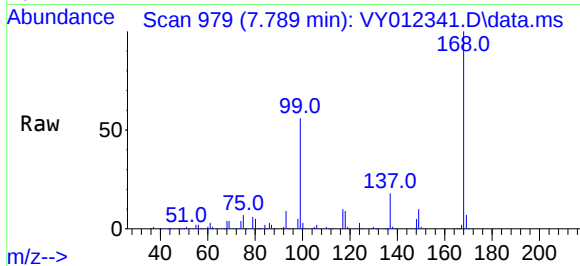
Quant Time: Jan 25 01:32:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



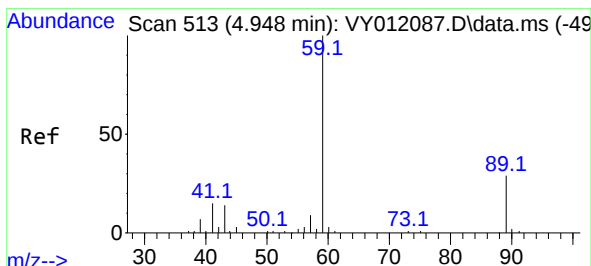
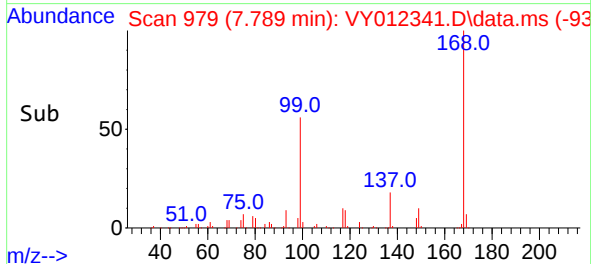
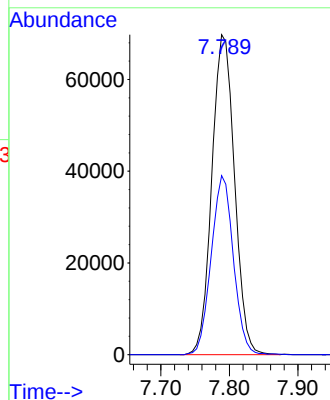


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

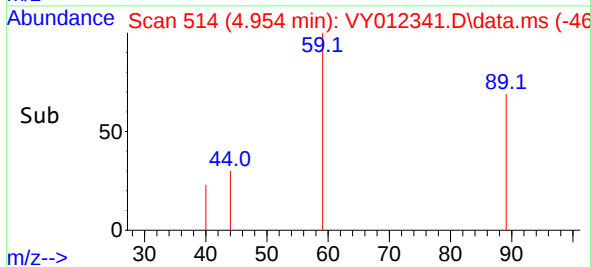
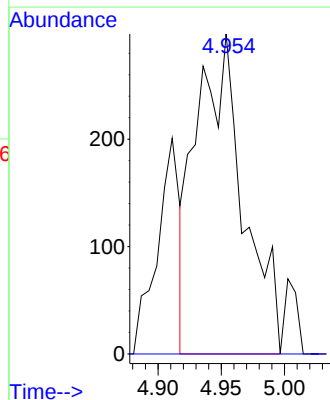
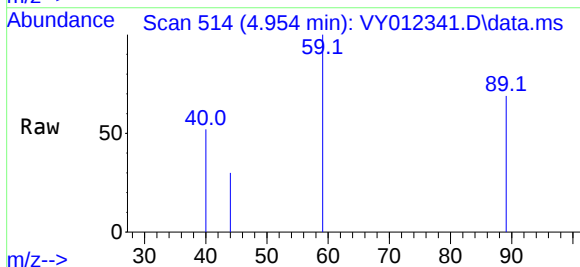


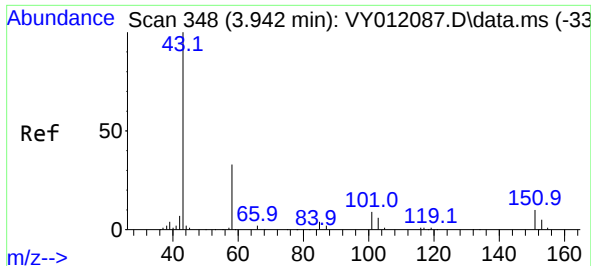
Tgt Ion:168 Resp: 160106
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 59 Resp: 772
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

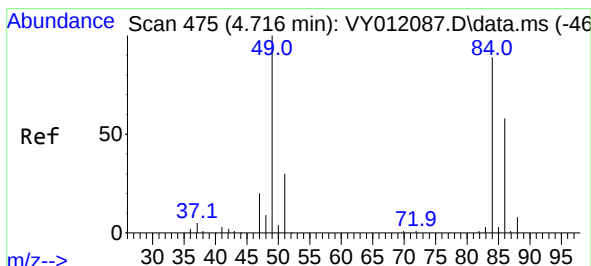
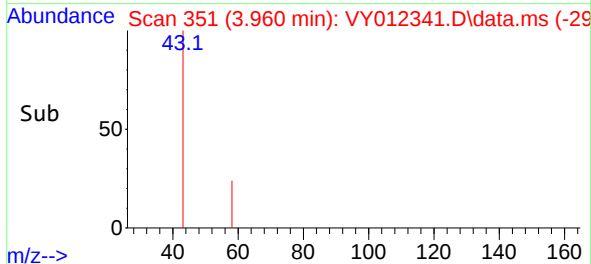
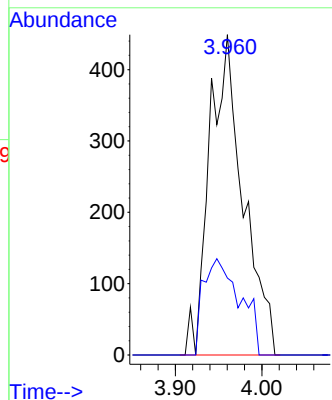
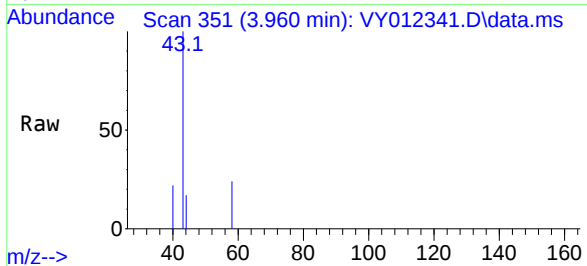




#16
Acetone
Concen: 2.725 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

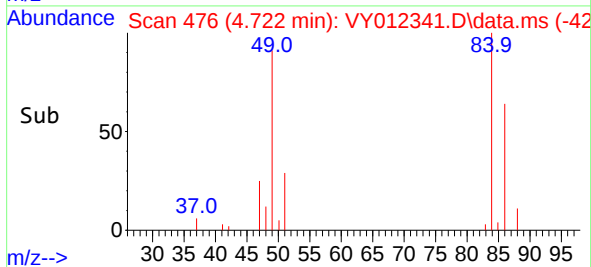
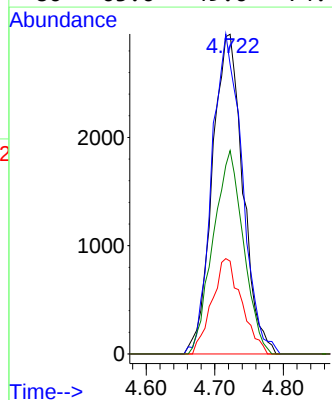
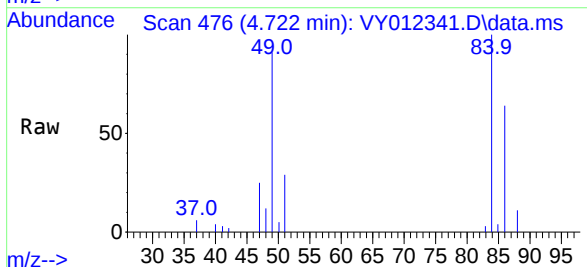
Instrument :
MSVOA_Y
ClientSampleId :

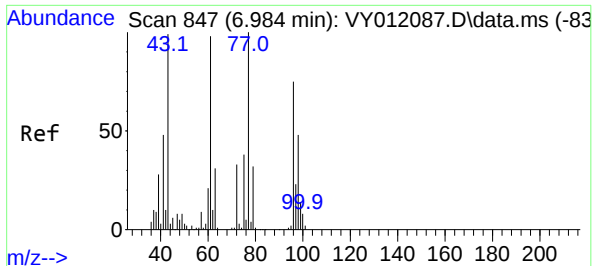
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 24.1 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 84 Resp: 9120
Ion Ratio Lower Upper
84 100
49 90.6 95.4 143.2#
51 29.0 29.9 44.9#
86 63.6 49.6 74.4





#25

2-Butanone

Concen: 3.245 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012341.D

Acq: 24 Jan 2023 14:52

Instrument :

MSVOA_Y

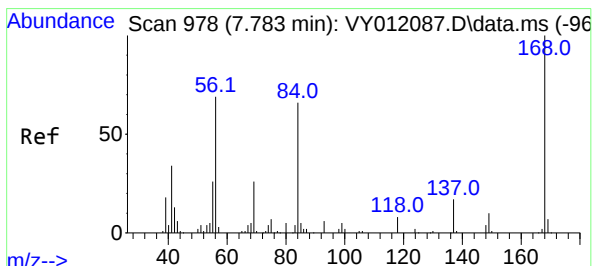
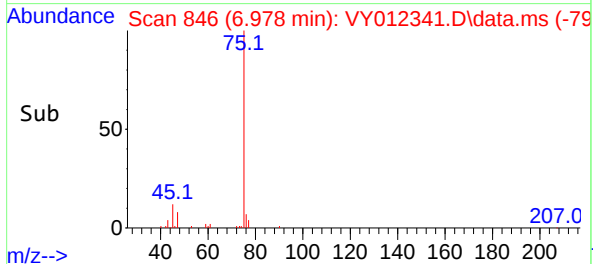
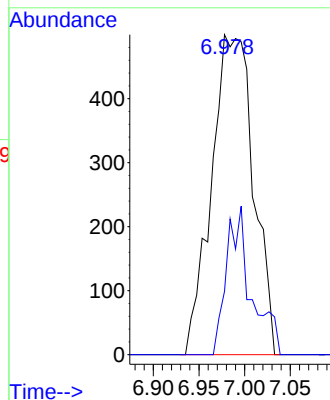
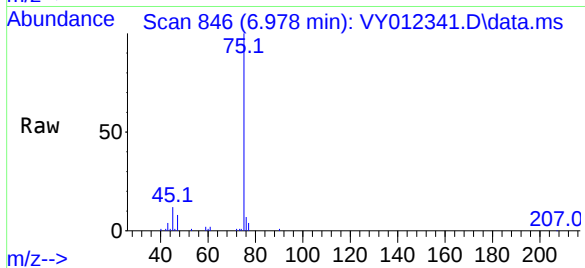
ClientSampleId :

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

72 19.8 22.6 34.0#



#31

Cyclohexane

Concen: 1.247 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012341.D

Acq: 24 Jan 2023 14:52

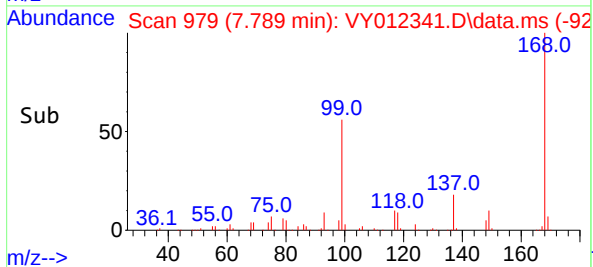
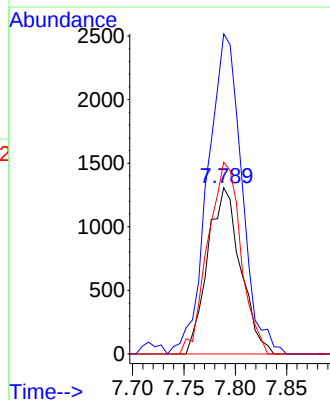
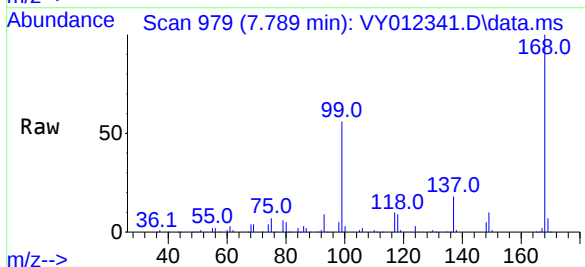
Tgt Ion: 56 Resp: 2911

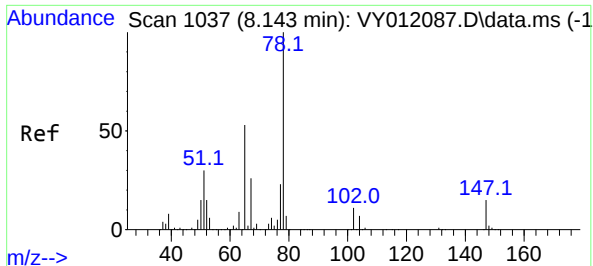
Ion Ratio Lower Upper

56 100

69 188.4 29.2 43.8#

84 115.3 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 76.540 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012341.D

Acq: 24 Jan 2023 14:52

Instrument :

MSVOA_Y

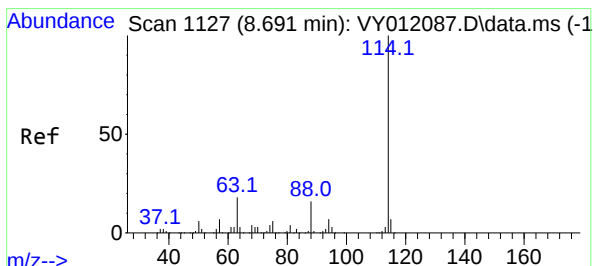
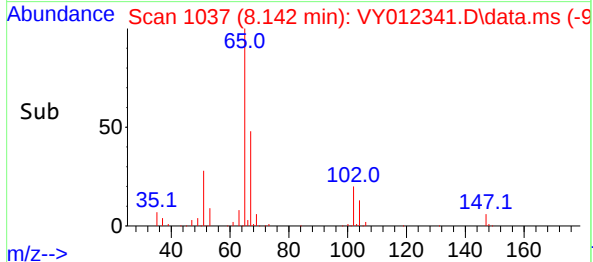
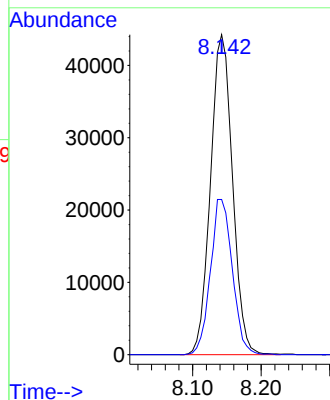
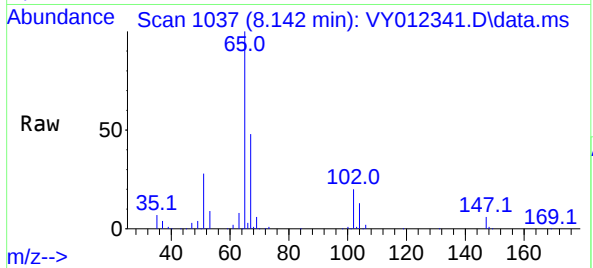
ClientSampleId :

Tgt Ion: 65 Resp: 98806

Ion Ratio Lower Upper

65 100

67 48.4 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: VY012341.D

Acq: 24 Jan 2023 14:52

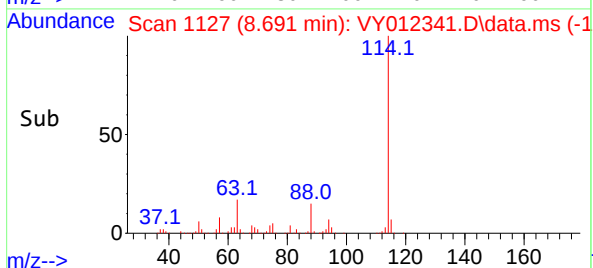
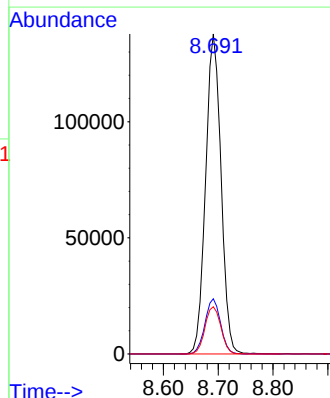
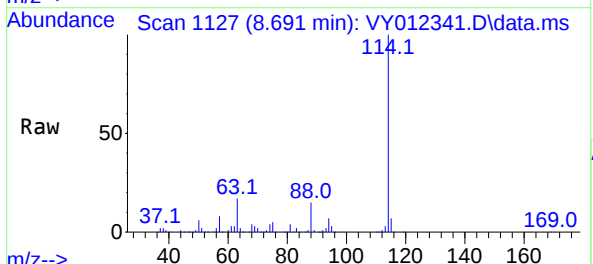
Tgt Ion: 114 Resp: 268282

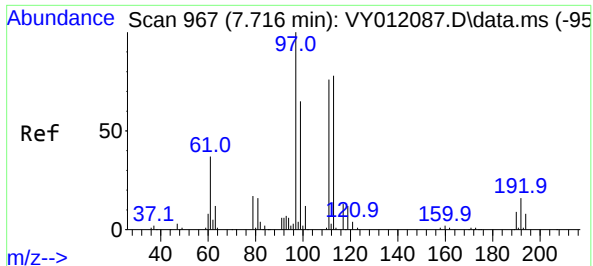
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

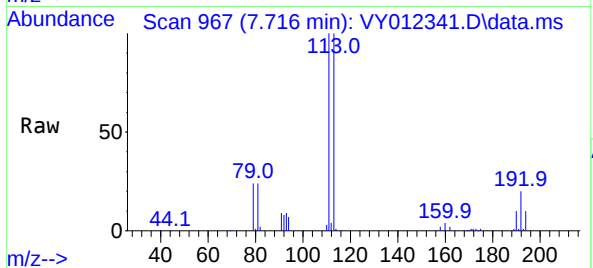
88 14.7 0.0 32.2



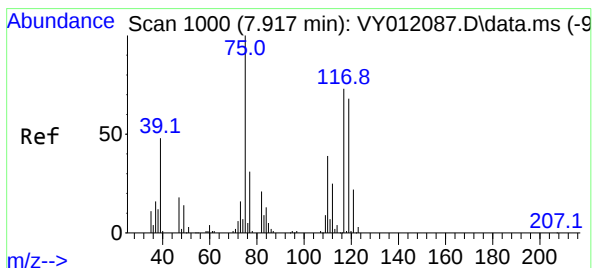
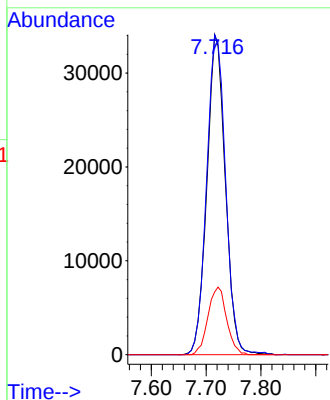
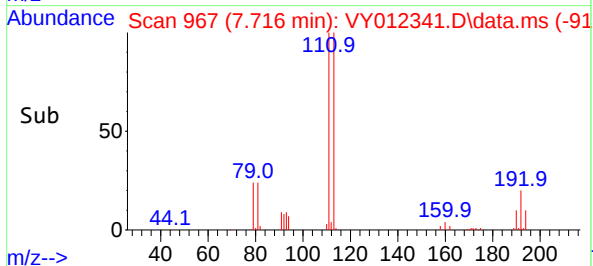


#35
Dibromofluoromethane
Concen: 55.929 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

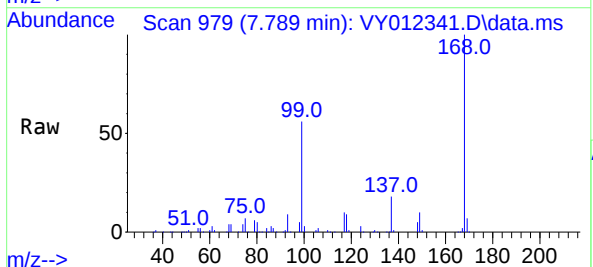
Instrument :
MSVOA_Y
ClientSampleId :



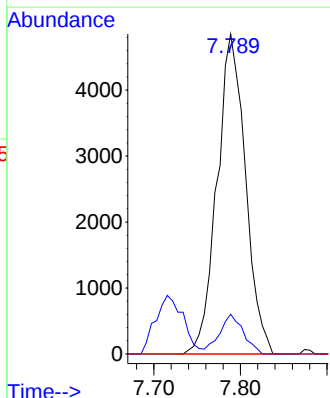
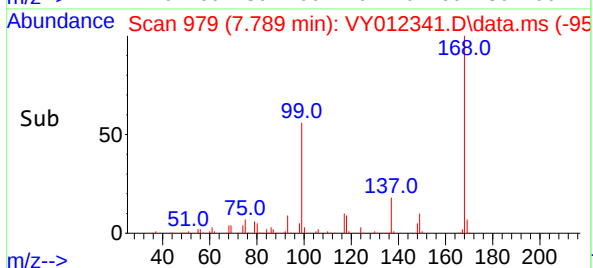
Tgt Ion:113 Resp: 79450
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.4 16.0 24.0

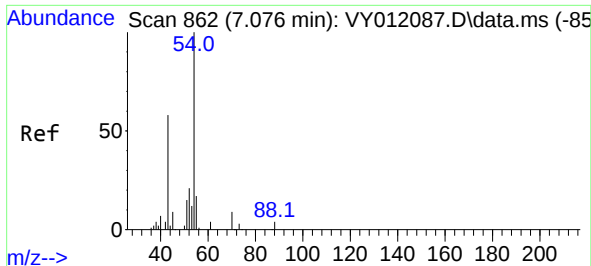


#36
1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52



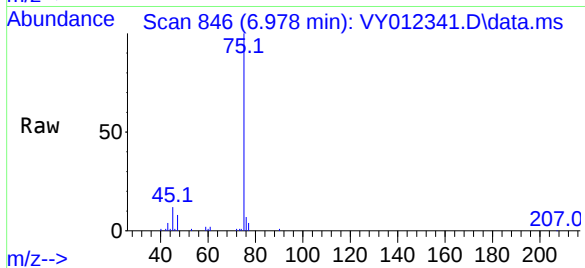
Tgt Ion: 75 Resp: 11038
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#



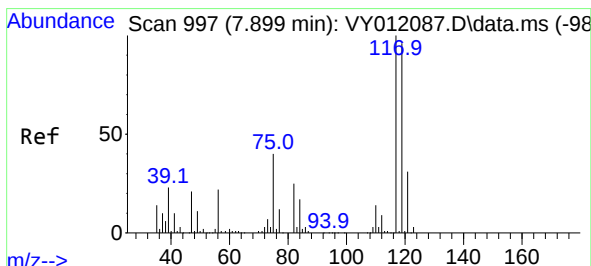
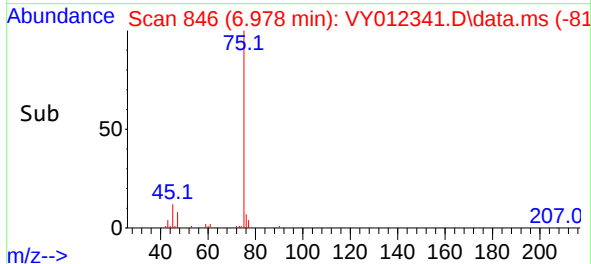
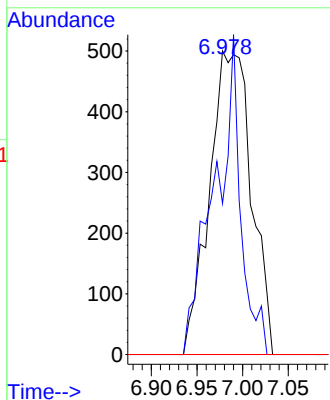


#37
Ethyl Acetate
Concen: 1.501 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

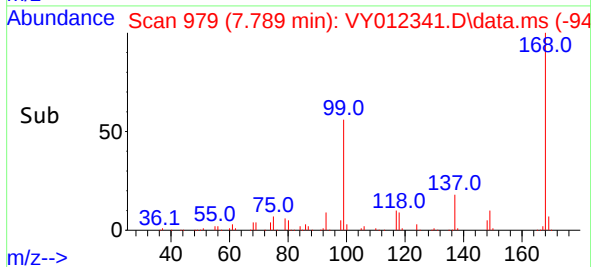
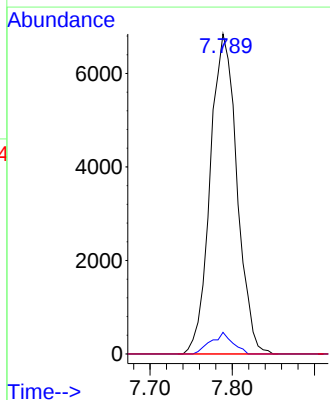
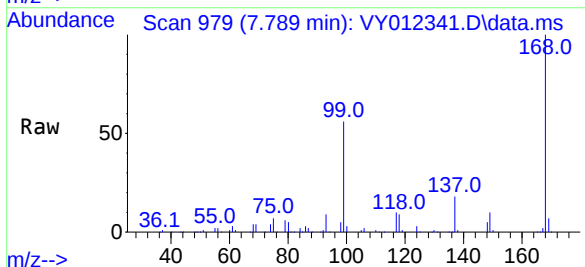


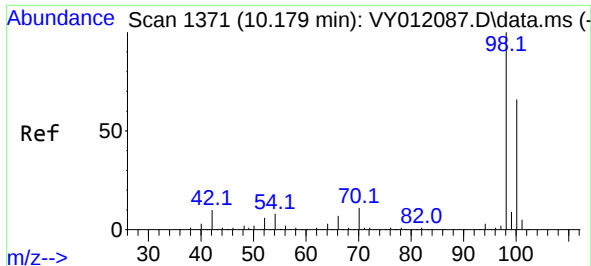
Tgt Ion: 43 Resp: 1597
Ion Ratio Lower Upper
43 100
61 66.0 11.3 16.9#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 4.967 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 117 Resp: 15486
Ion Ratio Lower Upper
117 100
119 6.8 73.8 110.8#
121 0.0 25.2 37.8#

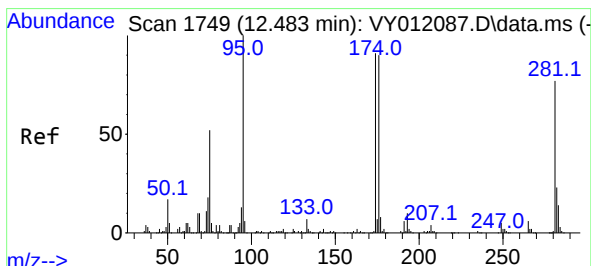
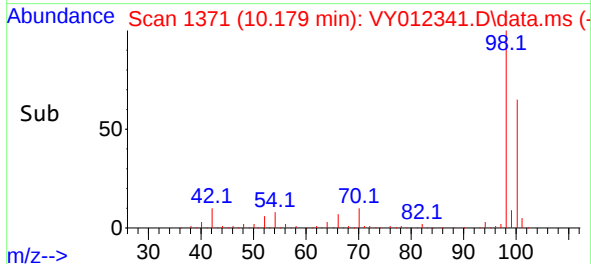
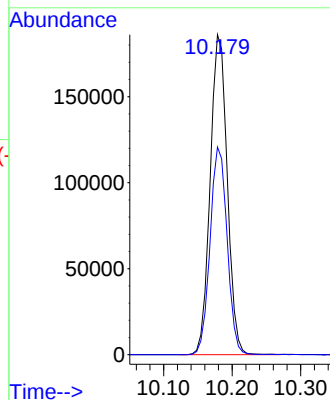
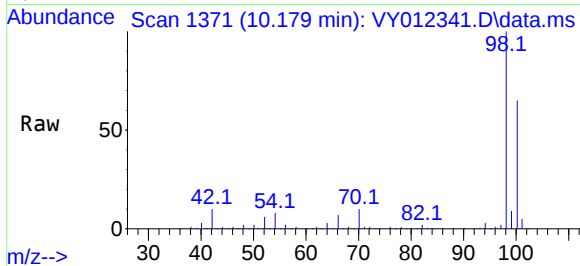




#50
Toluene-d8
Concen: 66.966 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

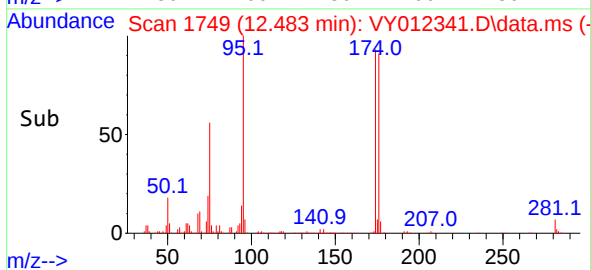
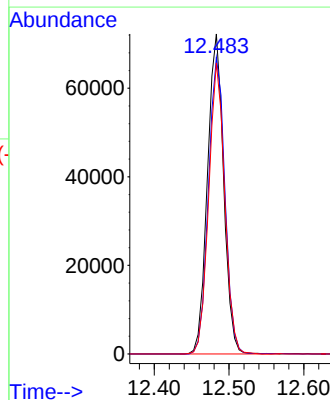
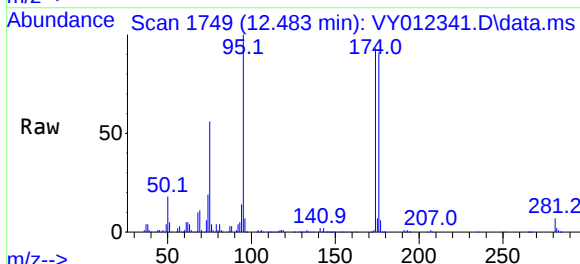
Instrument :
MSVOA_Y
ClientSampleId :

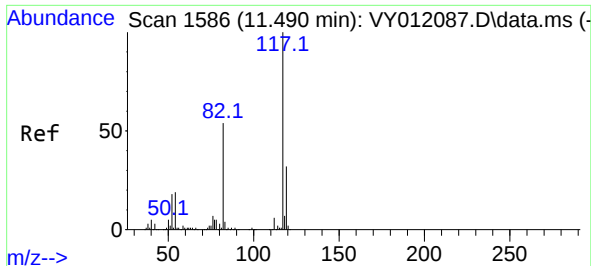
Tgt Ion: 98 Resp: 322371
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

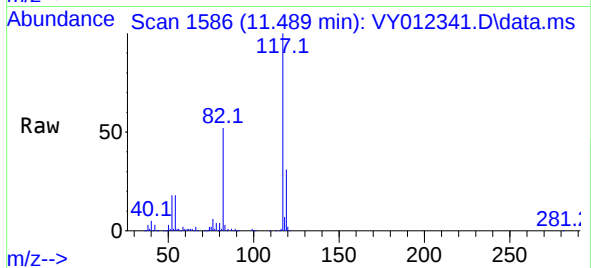
Tgt Ion: 95 Resp: 108508
Ion Ratio Lower Upper
95 100
174 94.7 0.0 172.0
176 90.3 0.0 167.6



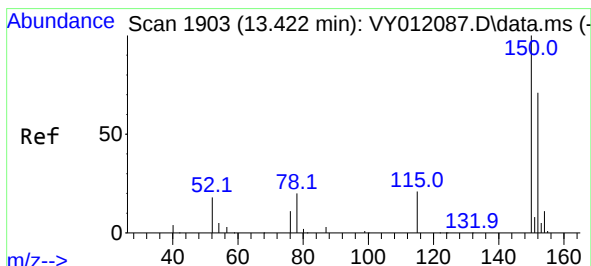
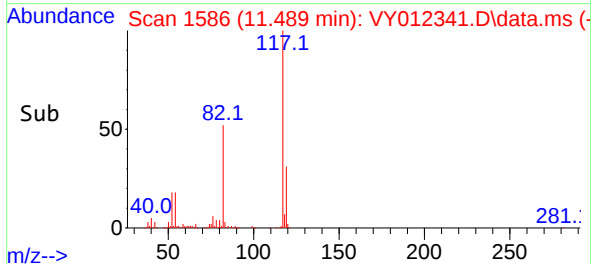
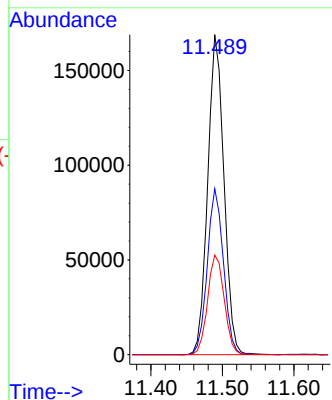


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

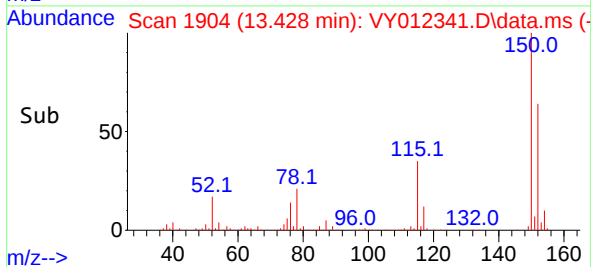
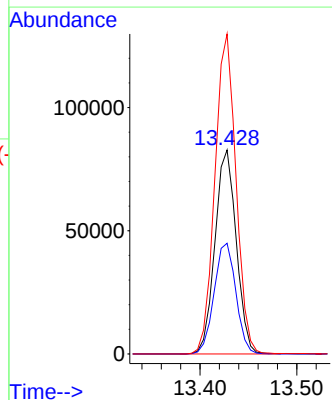
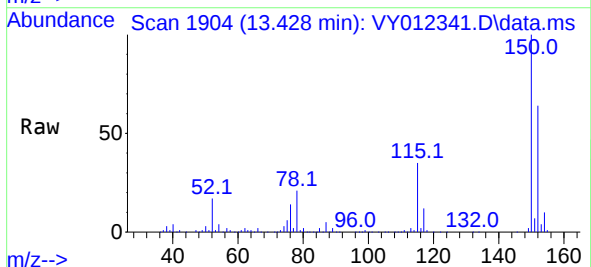


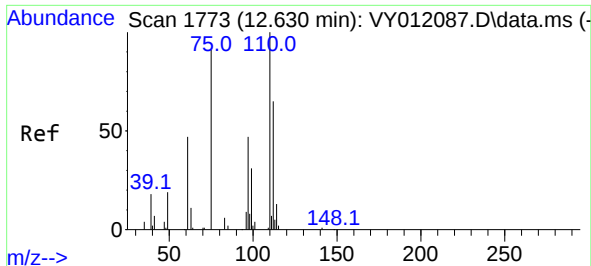
Tgt Ion:117 Resp: 266115
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion:152 Resp: 126799
Ion Ratio Lower Upper
152 100
115 55.4 29.1 87.3
150 155.3 0.0 342.6

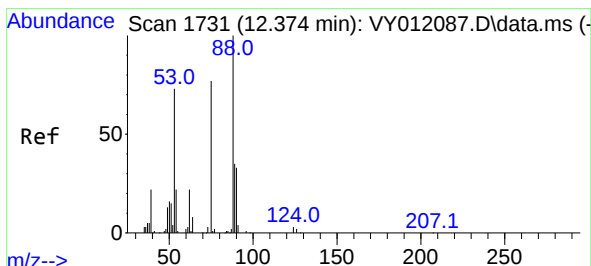
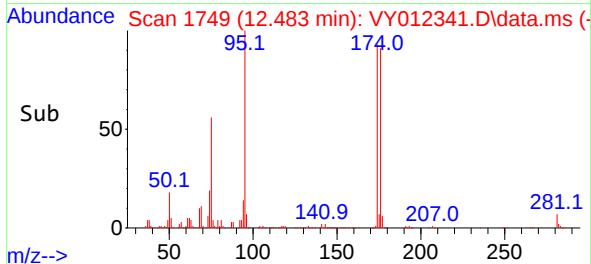
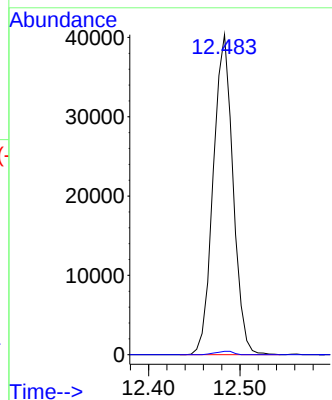
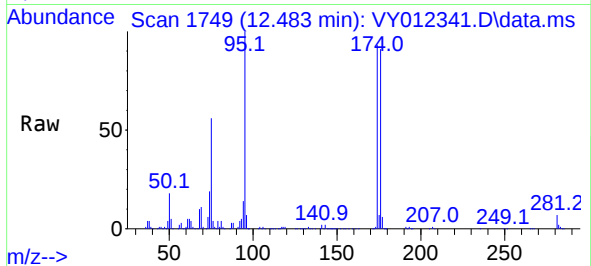




#76
1,2,3-Trichloropropane
Concen: 51.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60566
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 75 Resp: 60566
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

