

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015400.D
 Acq On : 31 Aug 2023 13:51
 Operator : SY/MD
 Sample : 04210-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 00:46:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

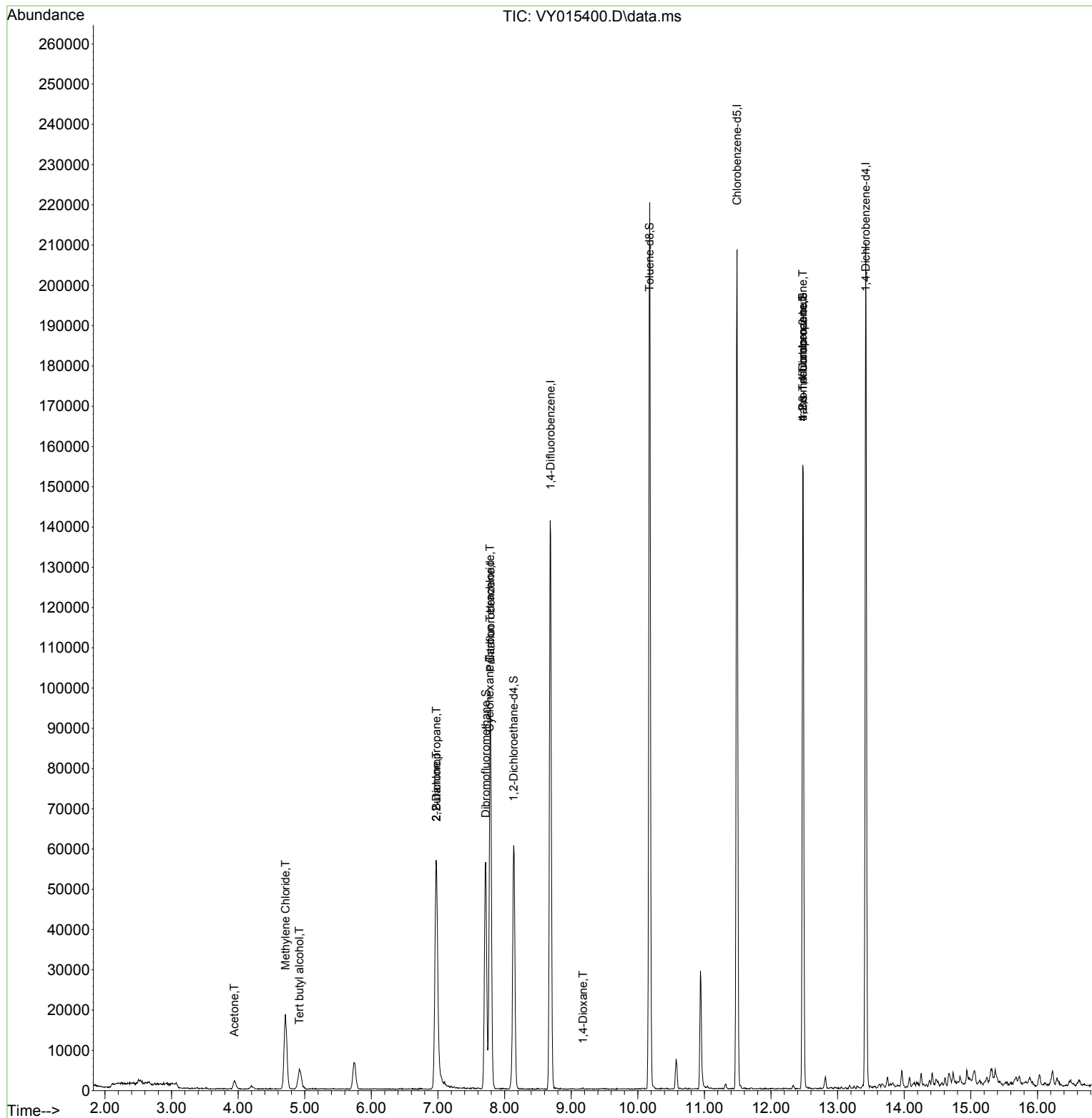
Internal Standards						
1) Pentafluorobenzene	7.789	168	74010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47931	60.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.820%	
35) Dibromofluoromethane	7.716	113	40006	56.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.760%	
50) Toluene-d8	10.179	98	144146	56.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.477	95	46563	49.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	5524	15.147	ug/l #	89
16) Acetone	3.942	43	3866	11.674	ug/l #	87
20) Methylene Chloride	4.710	84	13778	7.567	ug/l	93
25) 2-Butanone	6.978	43	3125	6.653	ug/l #	71
26) 2,2-Dichloropropane	6.978	77	4339	3.450	ug/l #	54
31) Cyclohexane	7.777	56	1590	1.128	ug/l #	43
38) Carbon Tetrachloride	7.783	117	7365	5.774	ug/l #	18
49) 1,4-Dioxane	9.179	88	20	1.866	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	25627	37.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25627	82.211	ug/l #	10

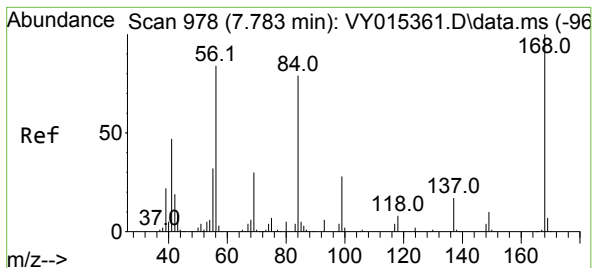
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY015400.D
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Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 01 00:46:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015400.D

Acq: 31 Aug 2023 13:51

Instrument :

MSVOA_Y

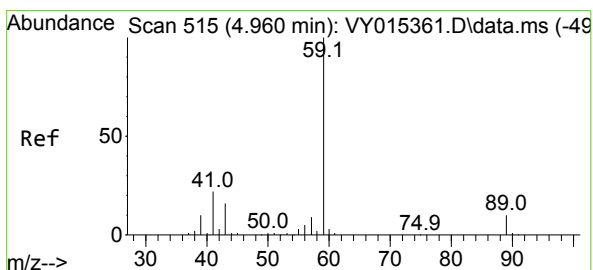
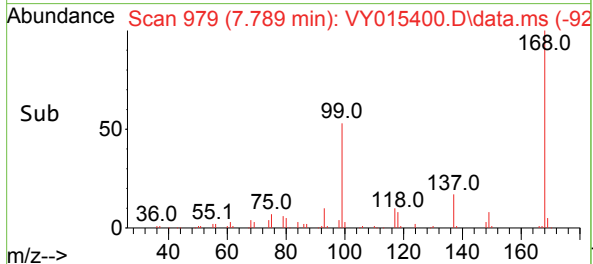
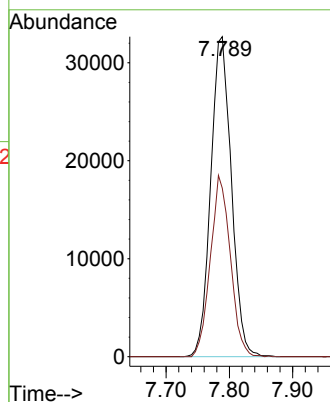
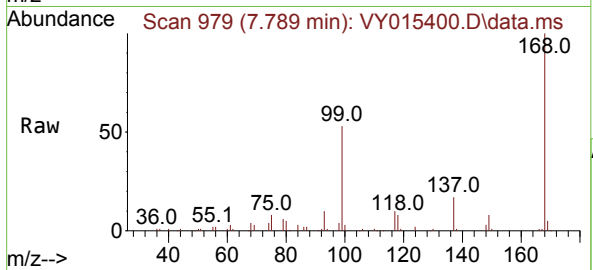
ClientSampleId :

Tgt Ion:168 Resp: 74010

Ion Ratio Lower Upper

168 100

99 52.7 43.4 65.0



#11

Tert butyl alcohol

Concen: 15.147 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.037 min

Lab File: VY015400.D

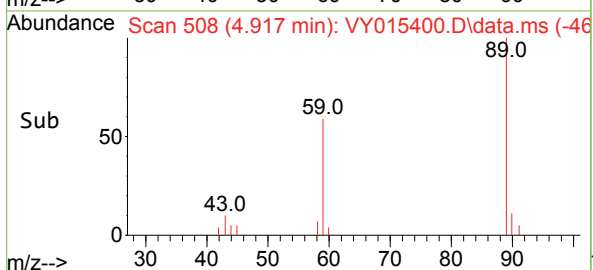
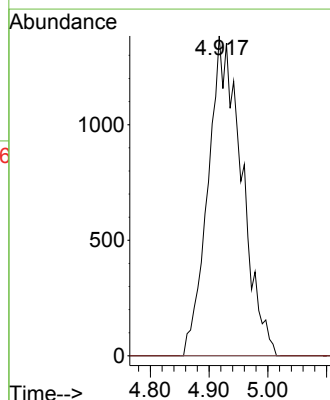
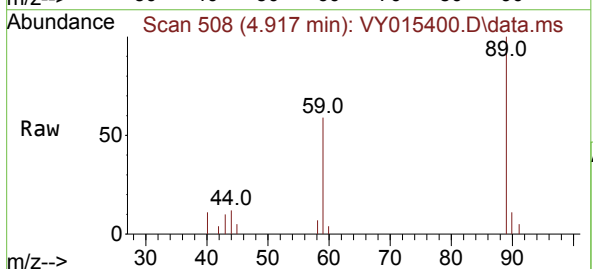
Acq: 31 Aug 2023 13:51

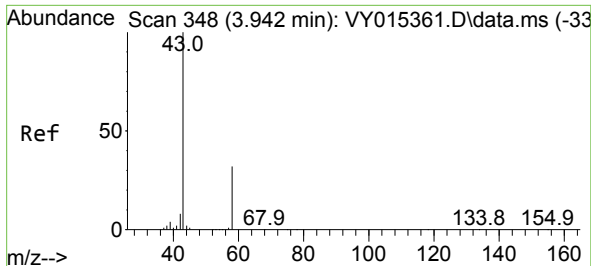
Tgt Ion: 59 Resp: 5524

Ion Ratio Lower Upper

59 100

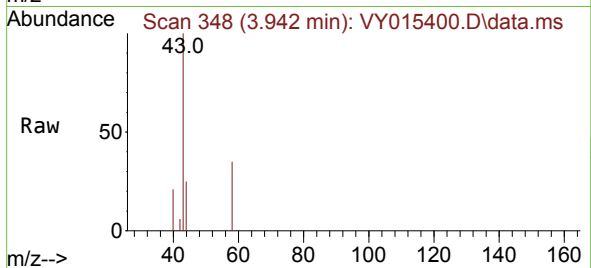
57 0.0 3.0 4.4#



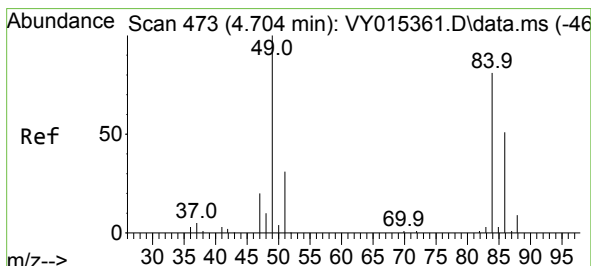
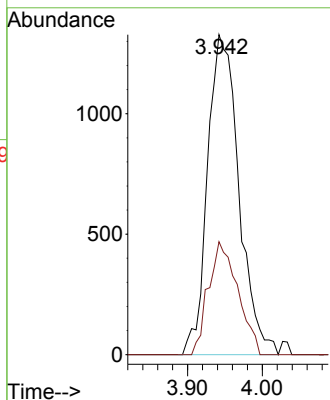
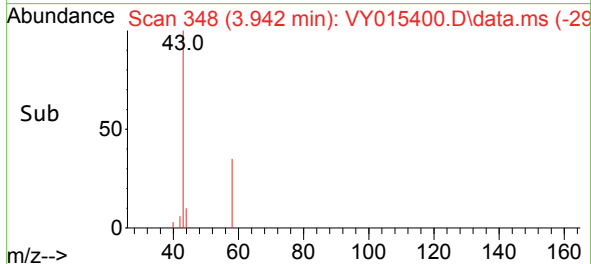


#16
Acetone
Concen: 11.674 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

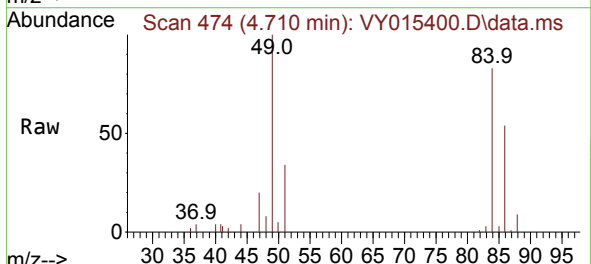
Instrument :
MSVOA_Y
ClientSampleId :



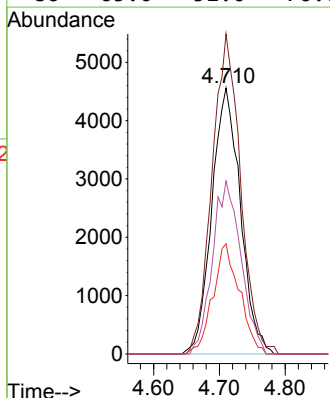
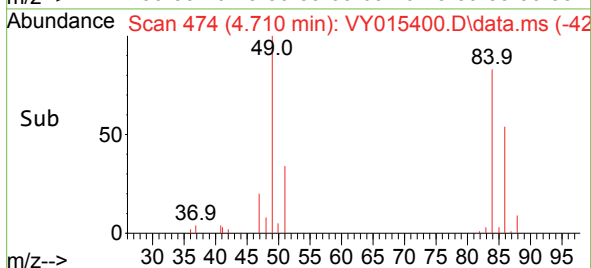
Tgt Ion: 43 Resp: 3866
Ion Ratio Lower Upper
43 100
58 35.3 22.7 34.1#

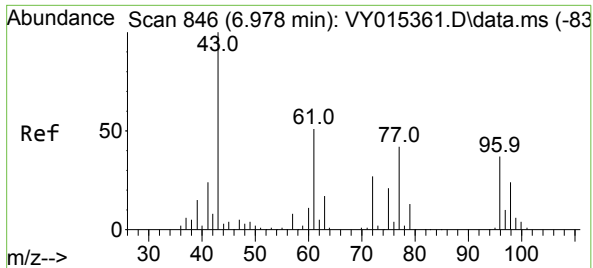


#20
Methylene Chloride
Concen: 7.567 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51



Tgt Ion: 84 Resp: 13778
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 41.4 33.2 49.8
86 65.0 51.0 76.6

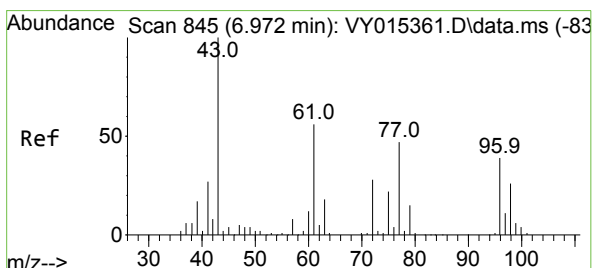
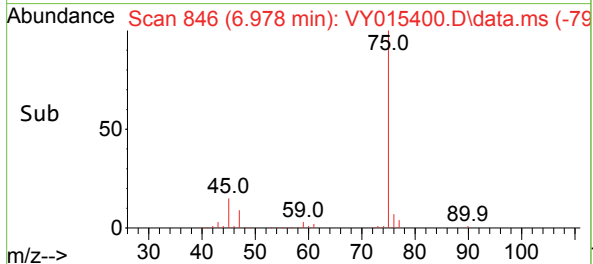
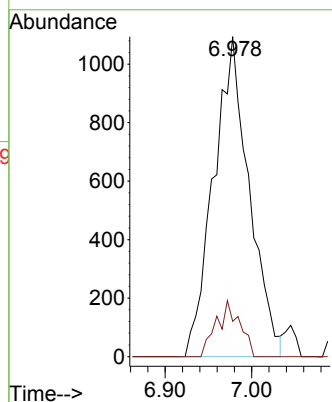
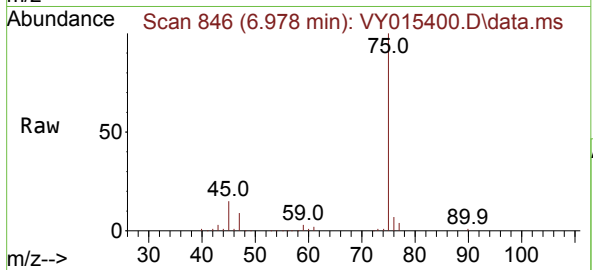




#25
2-Butanone
Concen: 6.653 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

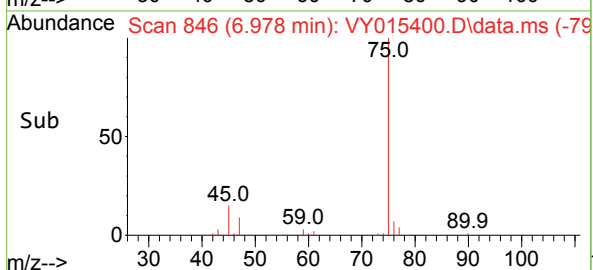
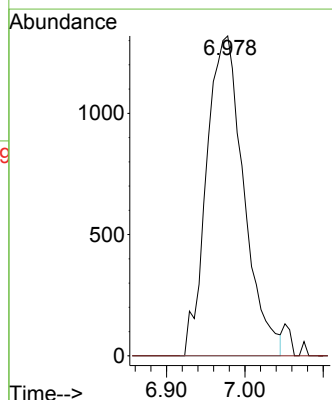
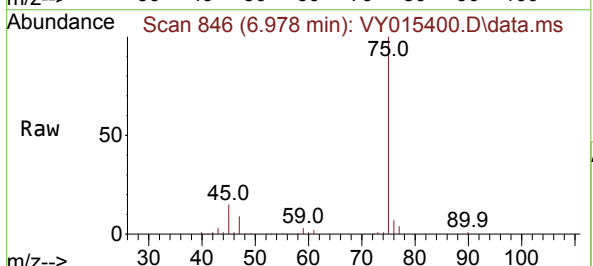
Instrument :
MSVOA_Y
ClientSampleId :

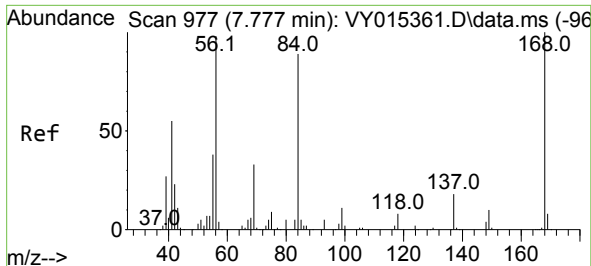
Tgt Ion: 43 Resp: 3125
Ion Ratio Lower Upper
43 100
72 11.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 3.450 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

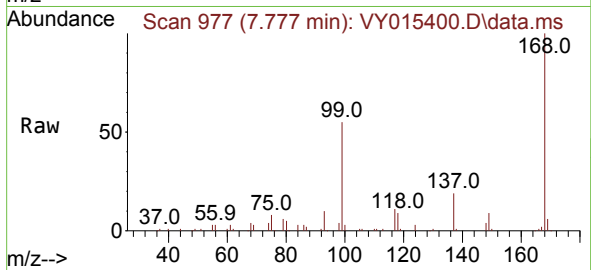
Tgt Ion: 77 Resp: 4339
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



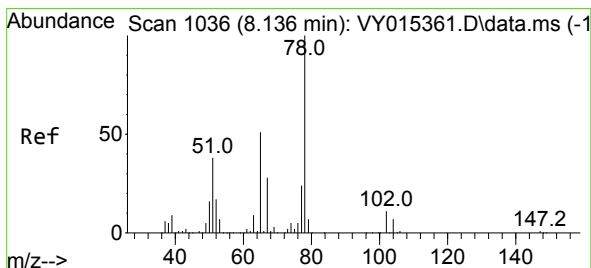
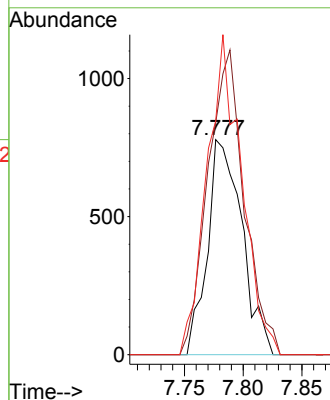
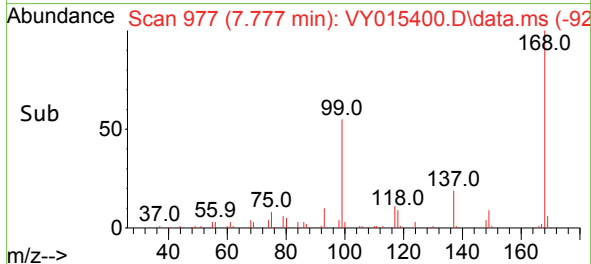


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :

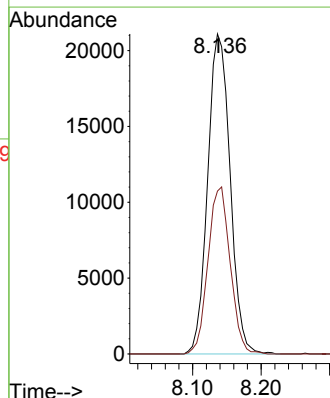
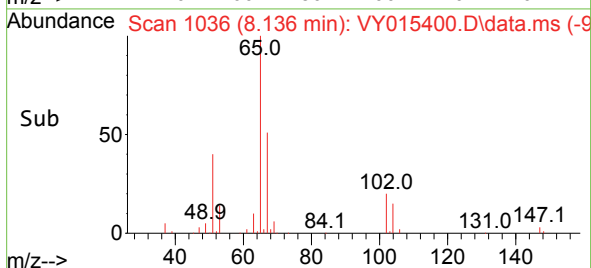
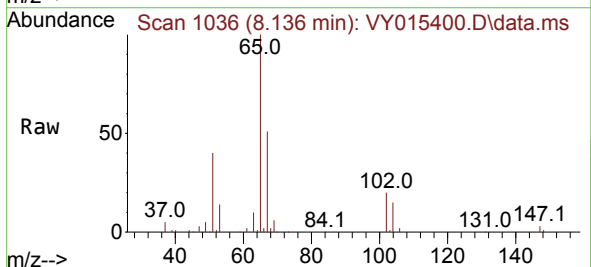


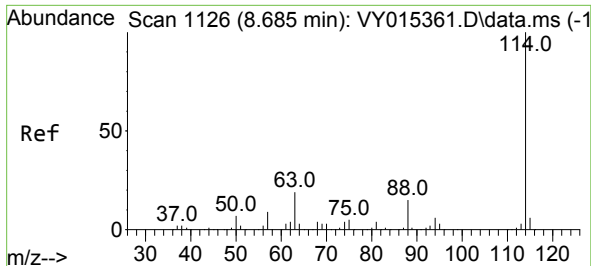
Tgt Ion: 56 Resp: 1590
Ion Ratio Lower Upper
56 100
69 107.8 27.8 41.6#
84 108.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.414 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

Tgt Ion: 65 Resp: 47931
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015400.D

Acq: 31 Aug 2023 13:51

Instrument :

MSVOA_Y

ClientSampleId :

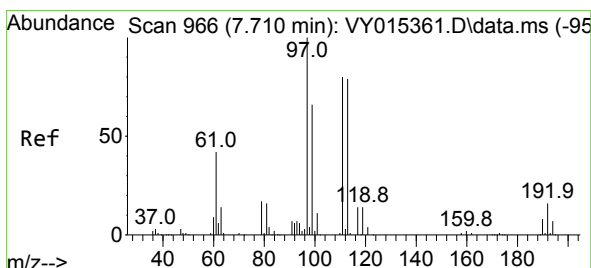
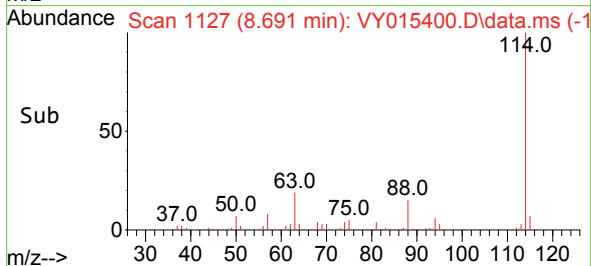
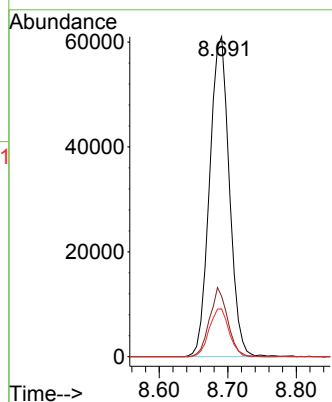
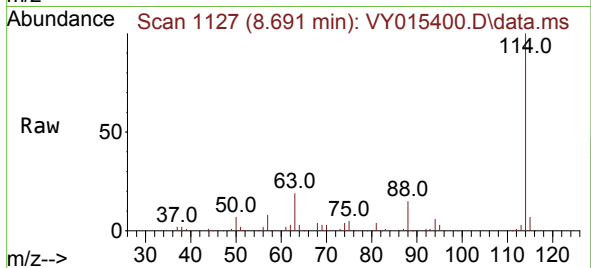
Tgt Ion:114 Resp: 122118

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.877 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015400.D

Acq: 31 Aug 2023 13:51

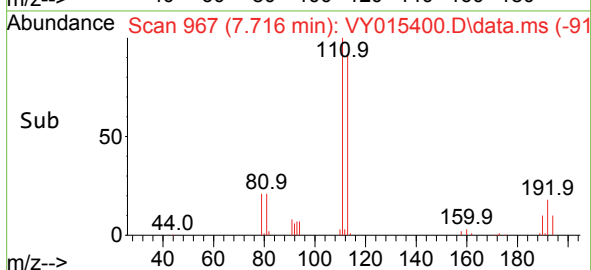
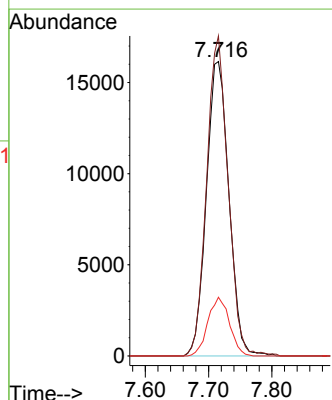
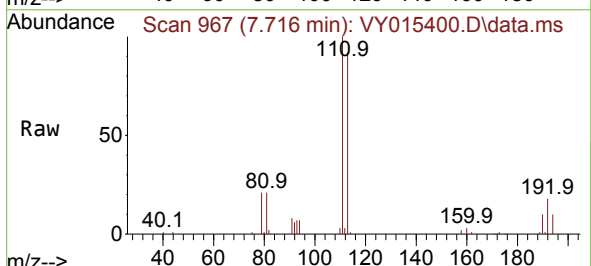
Tgt Ion:113 Resp: 40006

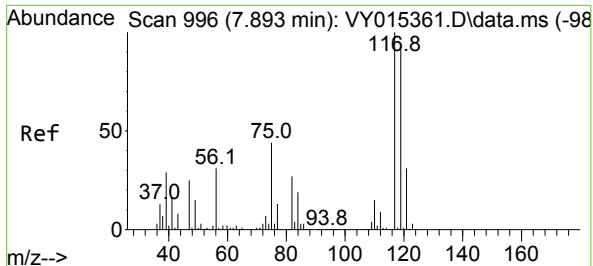
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

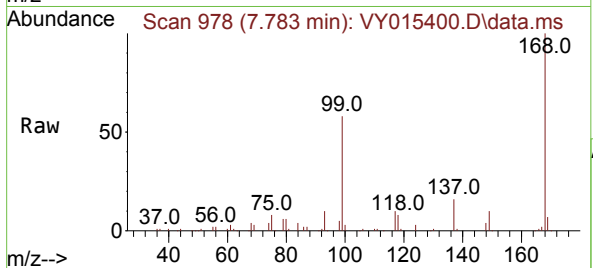
192 19.1 16.9 25.3



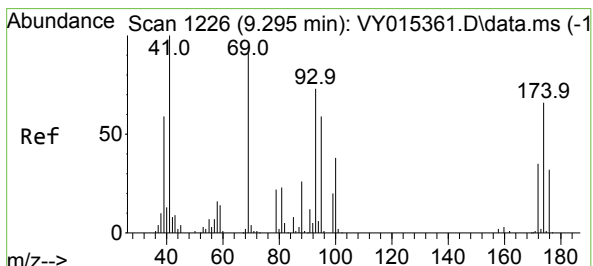
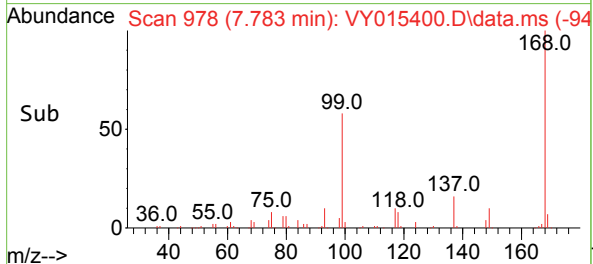
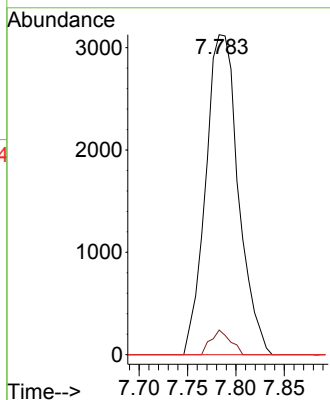


#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :

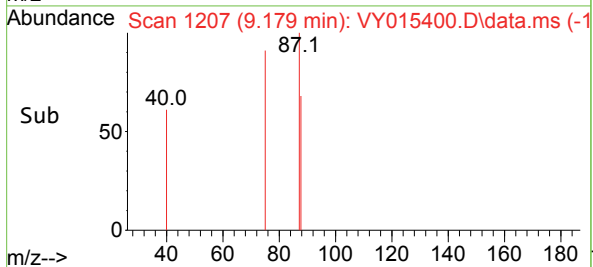
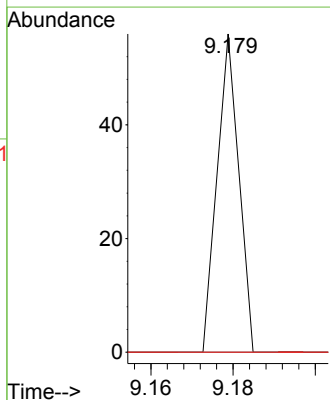
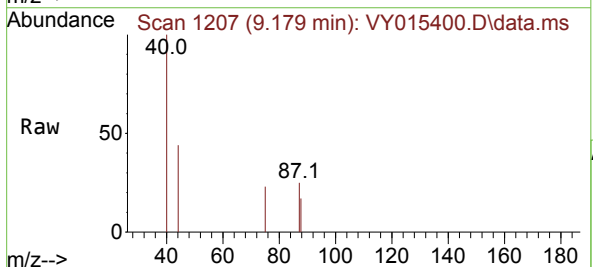


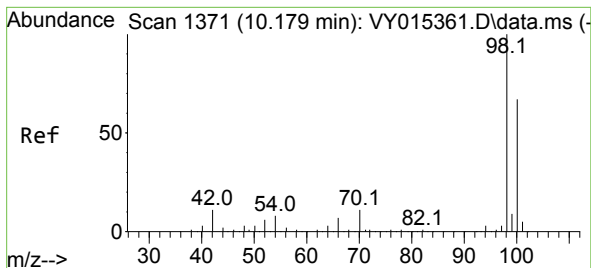
Tgt Ion:117 Resp: 7365
Ion Ratio Lower Upper
117 100
119 7.7 76.4 114.6#
121 0.0 25.8 38.6#



#49
1,4-Dioxane
Concen: 1.866 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.110 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 30.9 46.3#

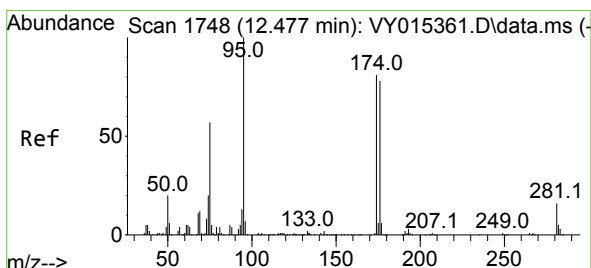
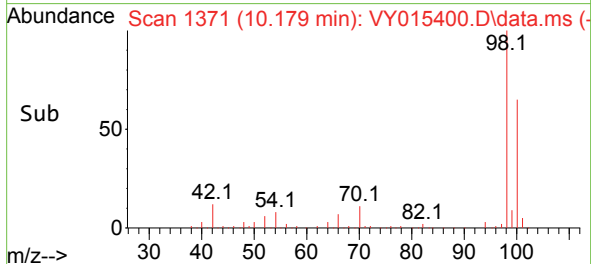
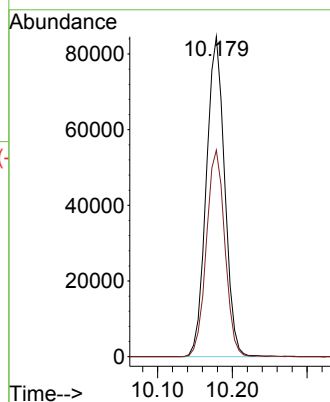
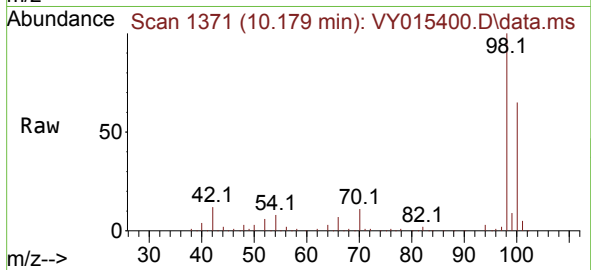




#50
Toluene-d8
Concen: 56.590 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

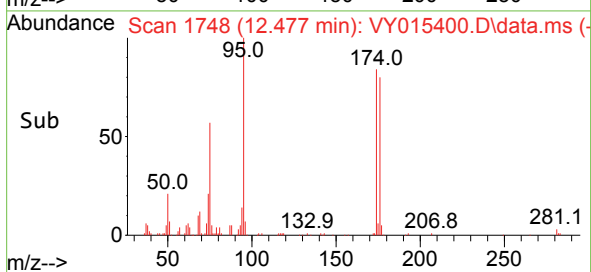
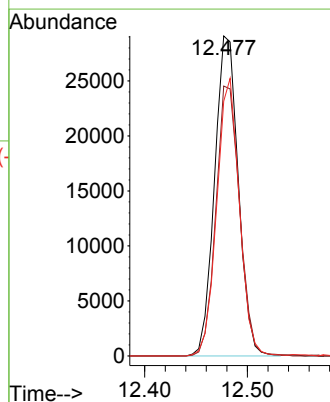
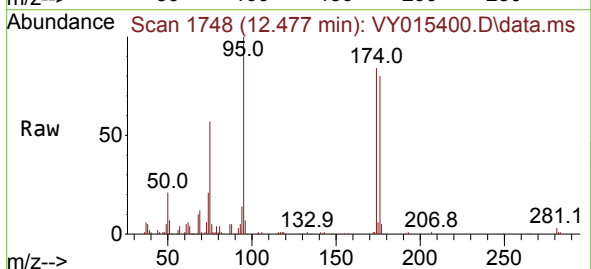
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 144146
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.241 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

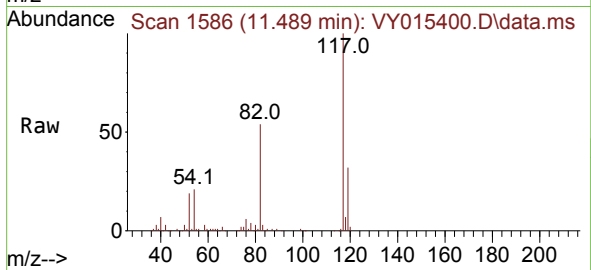
Tgt Ion: 95 Resp: 46563
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.6 0.0 173.8



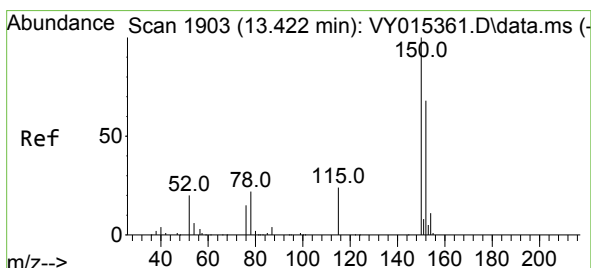
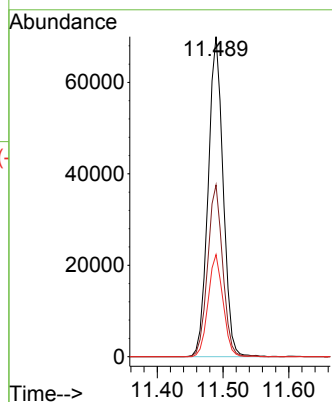
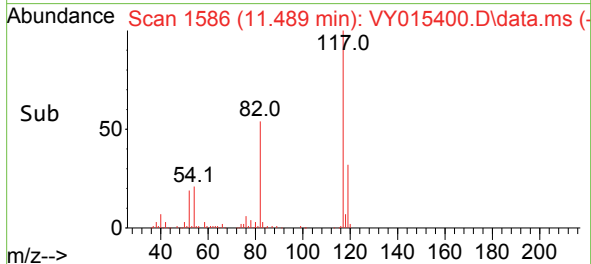


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51

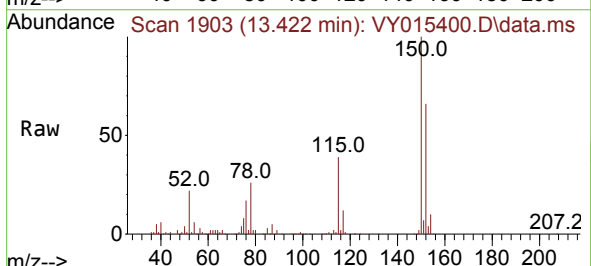
Instrument :
MSVOA_Y
ClientSampleId :



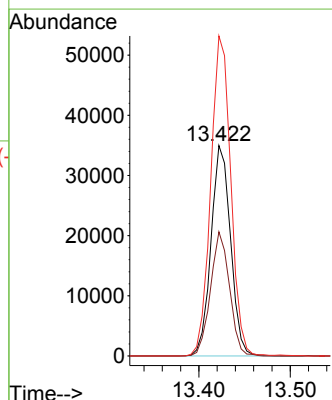
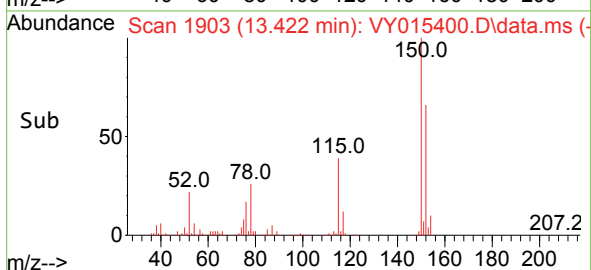
Tgt Ion:117 Resp: 110924
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.9 26.3 39.5

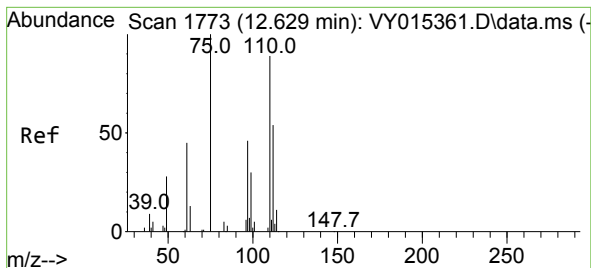


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015400.D
Acq: 31 Aug 2023 13:51



Tgt Ion:152 Resp: 51853
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 155.8 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 37.269 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015400.D

Acq: 31 Aug 2023 13:51

Instrument :

MSVOA_Y

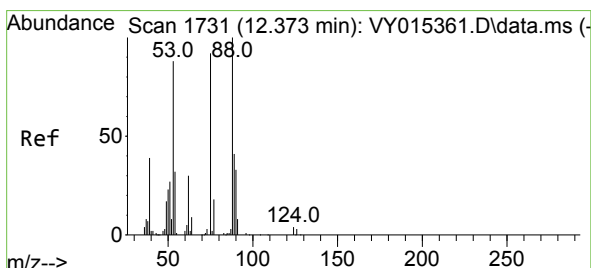
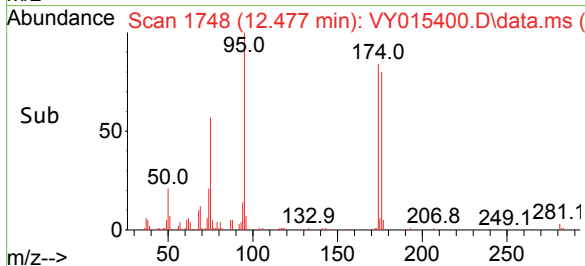
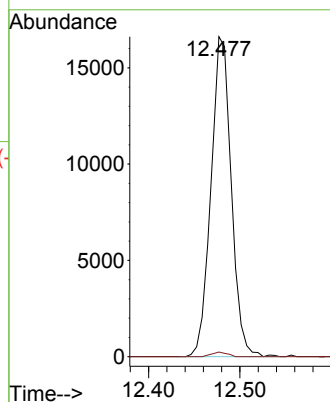
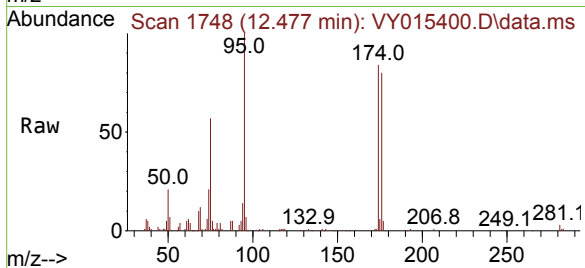
ClientSampleId :

Tgt Ion: 75 Resp: 25627

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.211 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015400.D

Acq: 31 Aug 2023 13:51

Tgt Ion: 75 Resp: 25627

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

