

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015775.D
 Acq On : 02 Oct 2023 13:40
 Operator : SY/MD
 Sample : VY1002SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

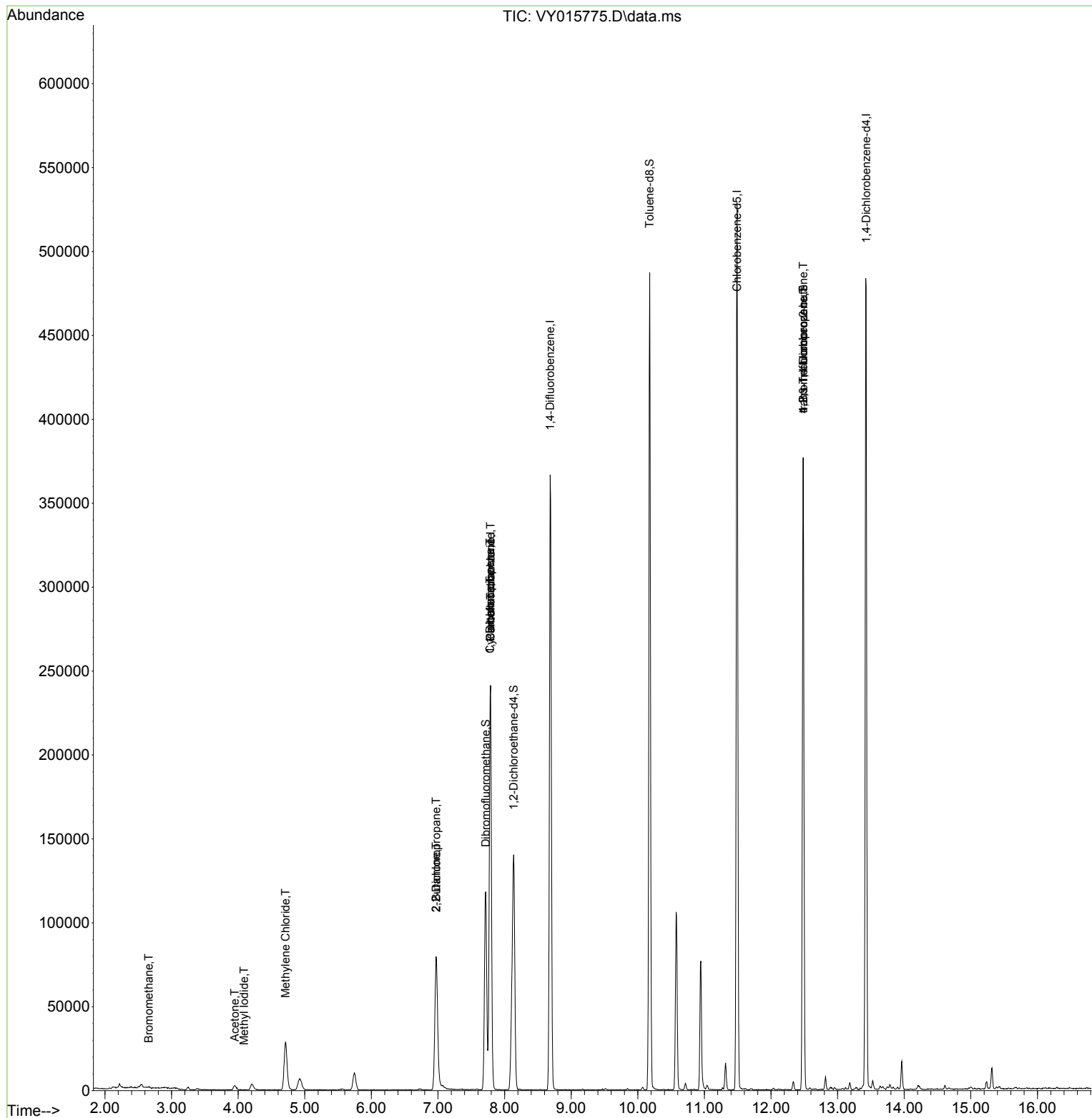
Internal Standards						
1) Pentafluorobenzene	7.789	168	189092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90681	43.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.180%		
35) Dibromofluoromethane	7.716	113	85059	44.302	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.600%		
50) Toluene-d8	10.179	98	317145	48.716	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.483	95	101166	39.599	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	337	2.736	ug/l #	37
10) Methyl Iodide	4.088	142	203	2.815	ug/l #	38
11) Tert butyl alcohol	4.924	59	8257	Below Cal	#	91
16) Acetone	3.948	43	5098	4.579	ug/l	94
20) Methylene Chloride	4.710	84	21924	4.596	ug/l	90
25) 2-Butanone	6.972	43	4489	2.852	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	5861	1.607	ug/l #	54
31) Cyclohexane	7.783	56	3895	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14315	5.043	ug/l #	52
38) Carbon Tetrachloride	7.789	117	18433	5.982	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53978	26.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53978	60.649	ug/l #	11

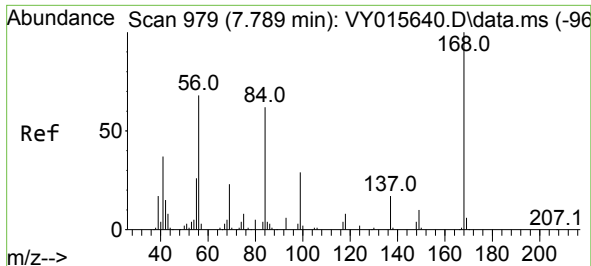
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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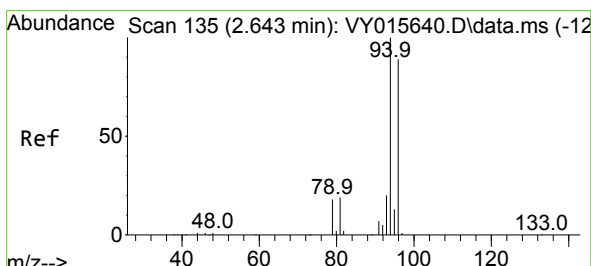
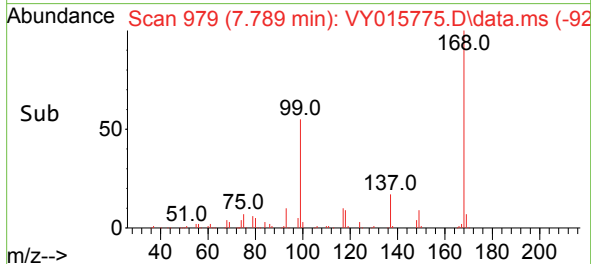
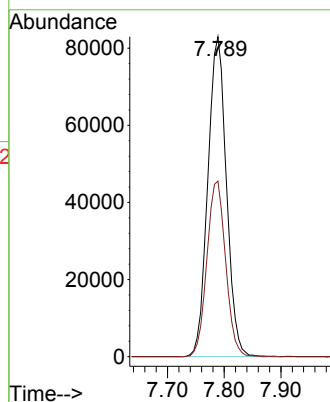
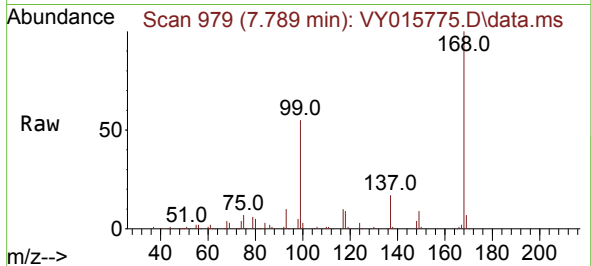




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

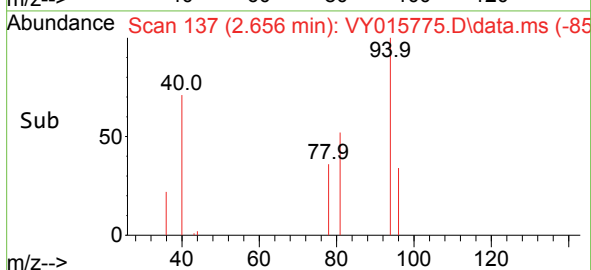
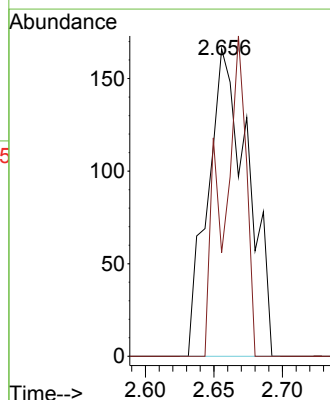
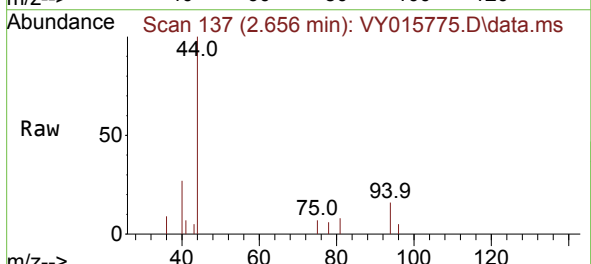
Instrument :
MSVOA_Y
ClientSampleId :

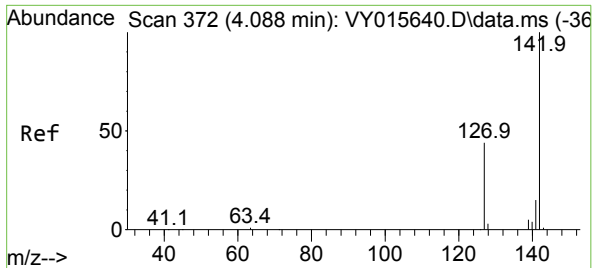
Tgt Ion:168 Resp: 189092
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#5
Bromomethane
Concen: 2.736 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 33.7 75.8 113.6#

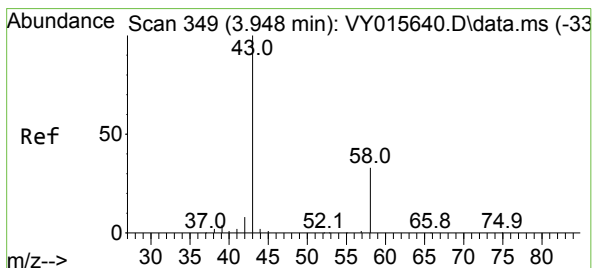
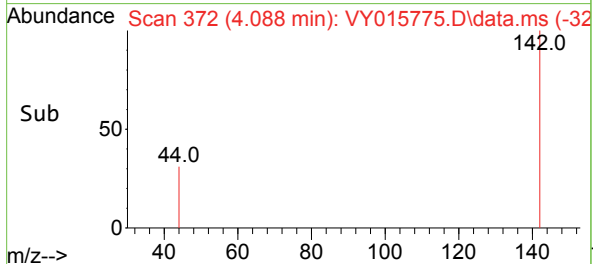
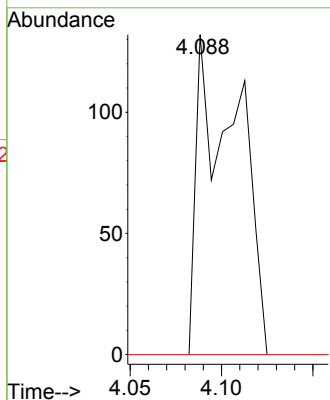
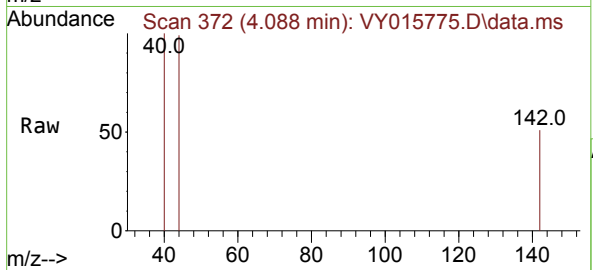




#10
Methyl Iodide
Concen: 2.815 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

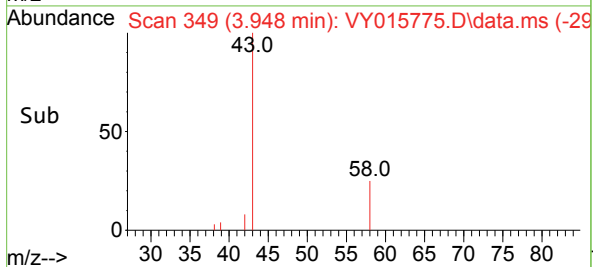
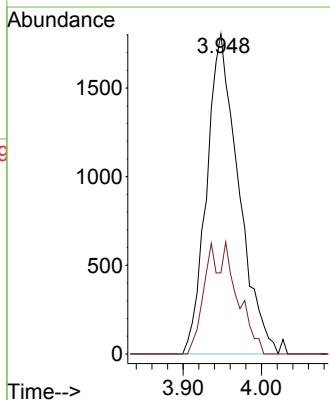
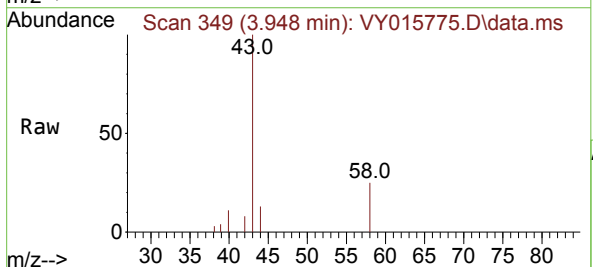
Instrument :
MSVOA_Y
ClientSampleId :

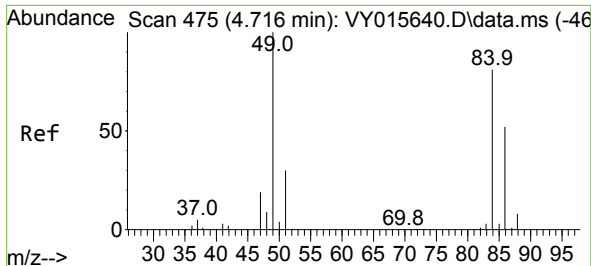
Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 4.579 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

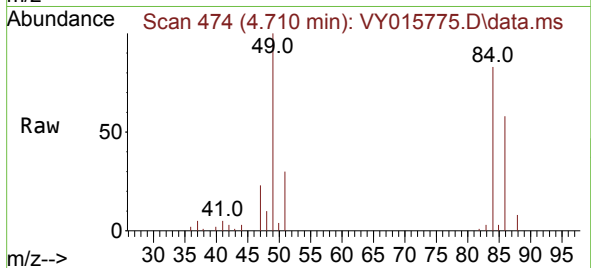
Tgt Ion: 43 Resp: 5098
Ion Ratio Lower Upper
43 100
58 25.4 22.7 34.1



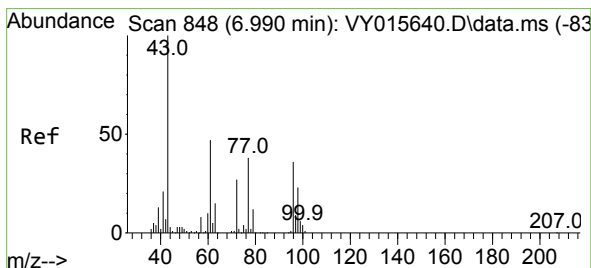
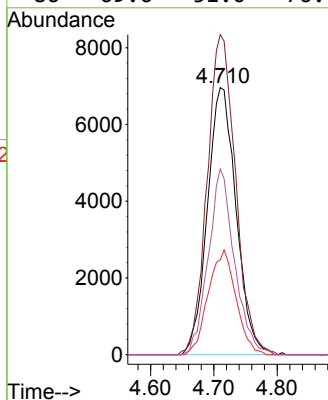
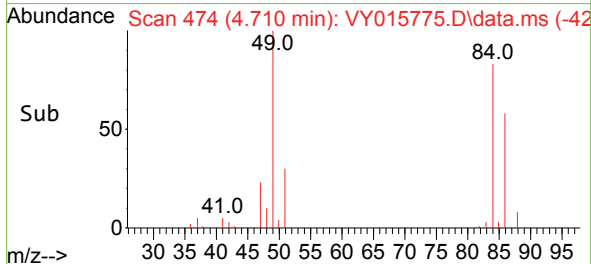


#20
Methylene Chloride
Concen: 4.596 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Instrument :
MSVOA_Y
ClientSampleId :

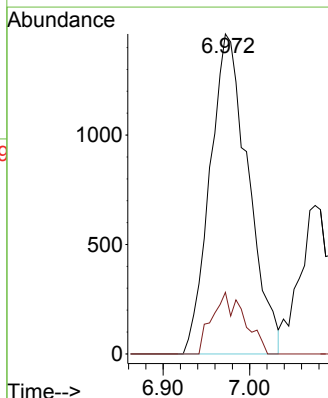
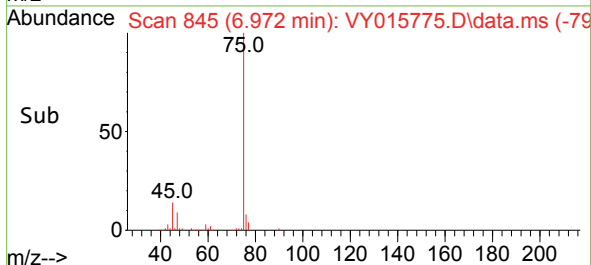
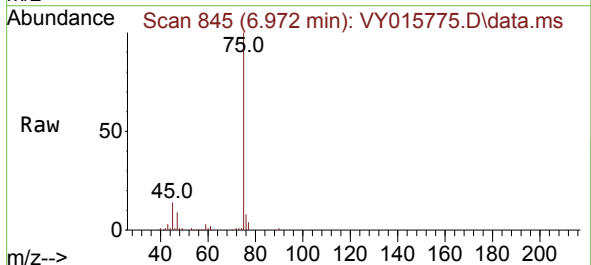


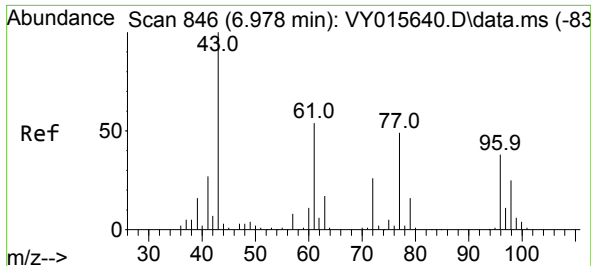
Tgt Ion:	84	Resp:	21924
Ion	Ratio	Lower	Upper
84	100		
49	119.8	106.9	160.3
51	35.6	33.2	49.8
86	69.6	51.0	76.6



#25
2-Butanone
Concen: 2.852 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Tgt Ion:	43	Resp:	4489
Ion	Ratio	Lower	Upper
43	100		
72	19.2	20.5	30.7#

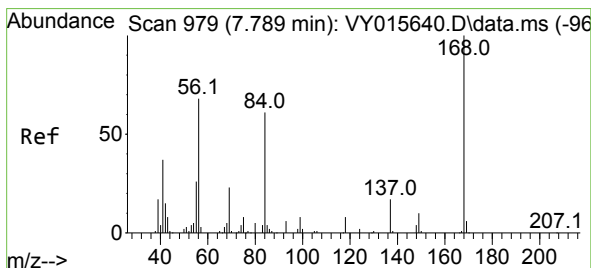
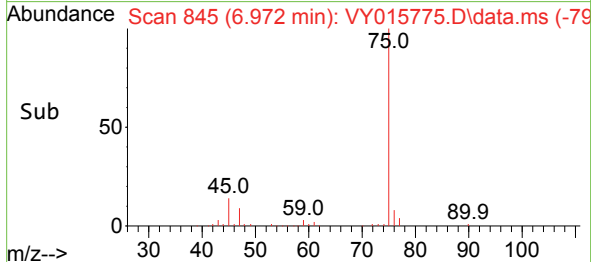
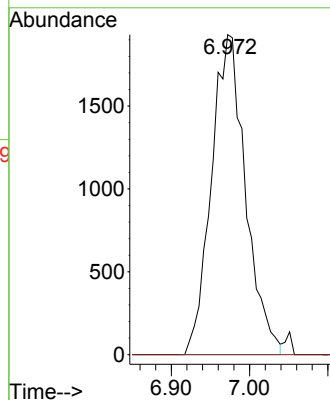
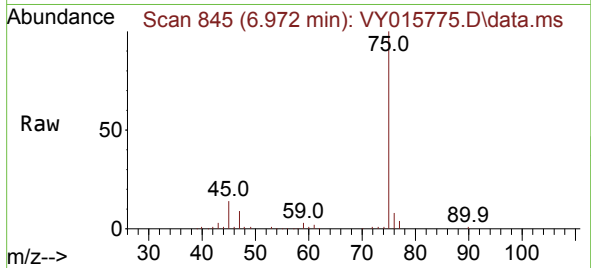




#26
2,2-Dichloropropane
Concen: 1.607 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

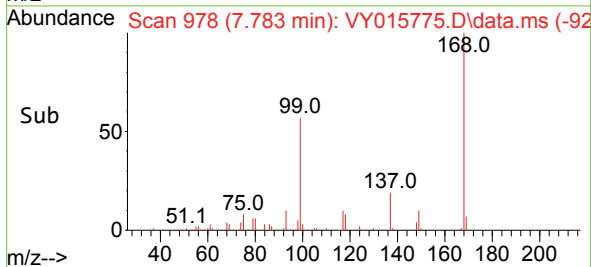
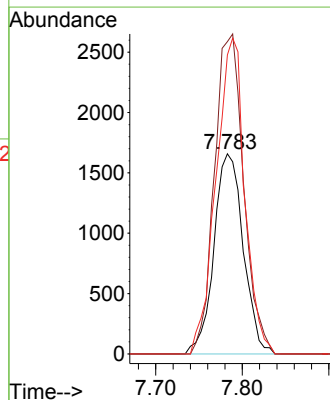
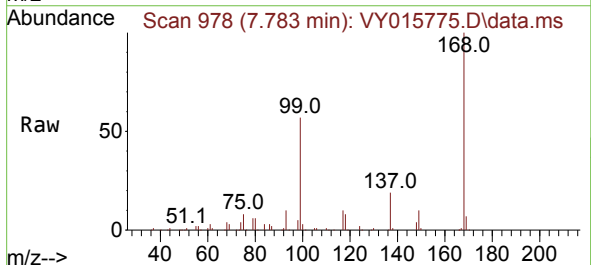
Instrument :
MSVOA_Y
ClientSampleId :

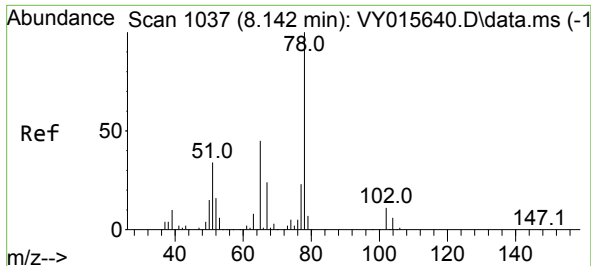
Tgt Ion: 77 Resp: 5861
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Tgt Ion: 56 Resp: 3895
Ion Ratio Lower Upper
56 100
69 156.0 27.8 41.6#
84 149.5 66.4 99.6#

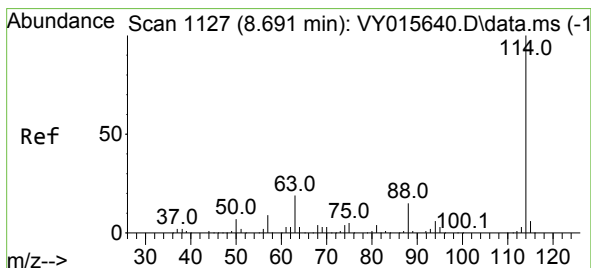
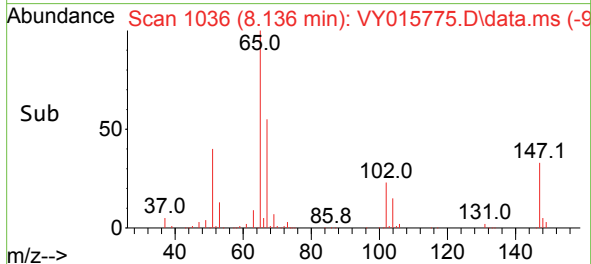
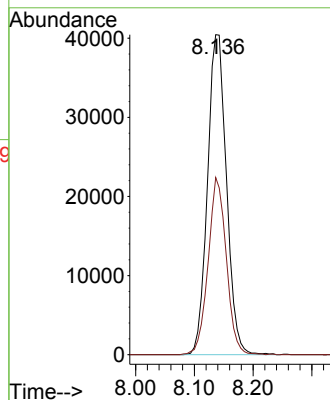
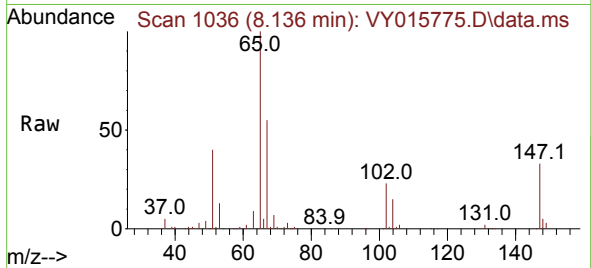




#33
 1,2-Dichloroethane-d4
 Concen: 43.585 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015775.D
 Acq: 02 Oct 2023 13:40

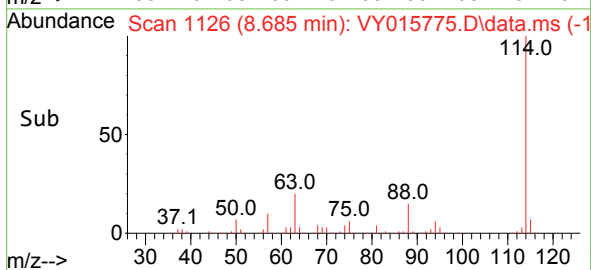
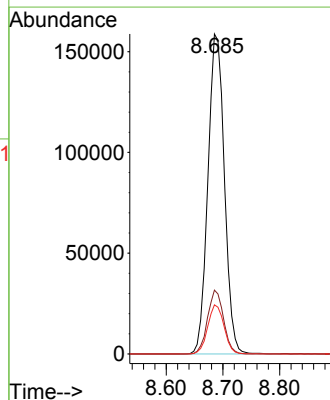
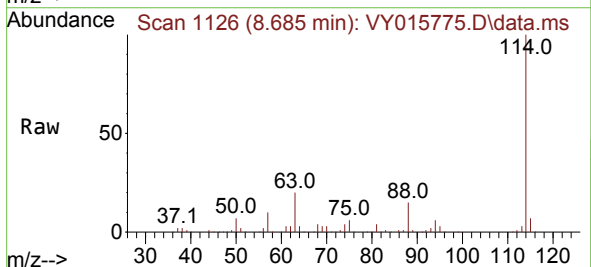
Instrument :
 MSVOA_Y
 ClientSampleId :

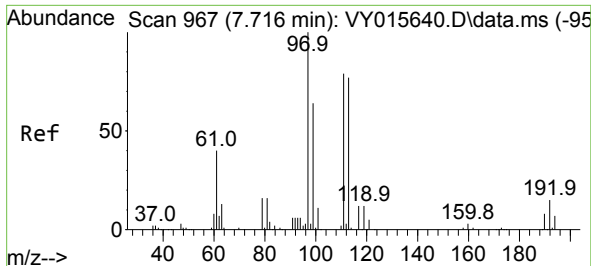
Tgt Ion: 65 Resp: 90681
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015775.D
 Acq: 02 Oct 2023 13:40

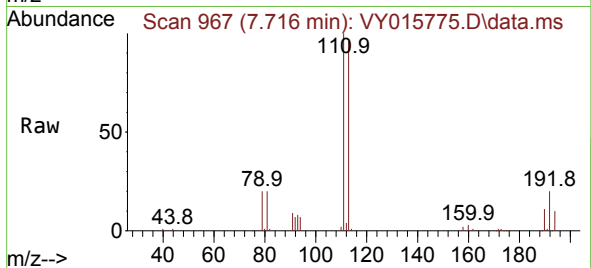
Tgt Ion: 114 Resp: 320783
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.4 0.0 30.6



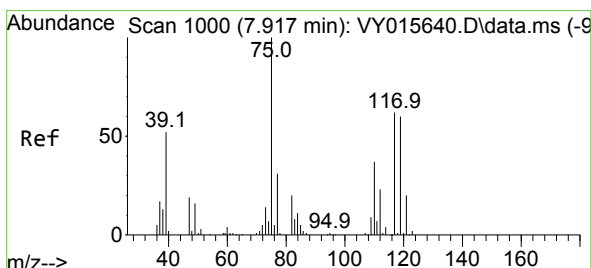
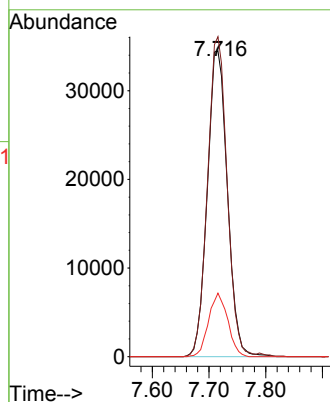
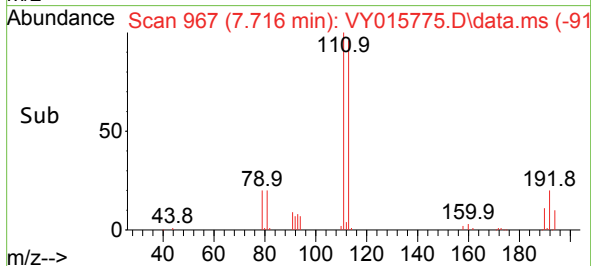


#35
Dibromofluoromethane
Concen: 44.302 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

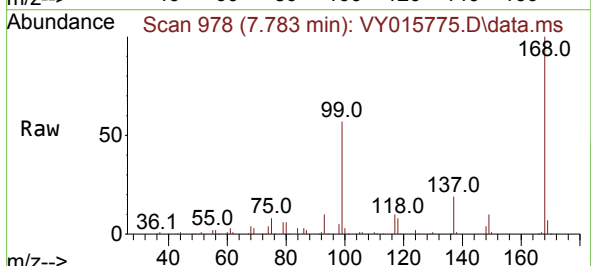
Instrument :
MSVOA_Y
ClientSampleId :



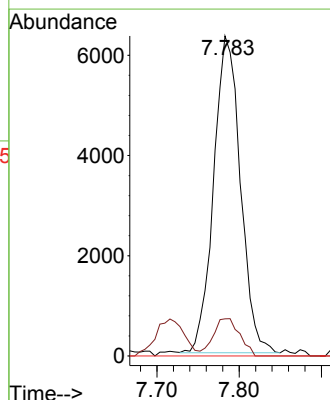
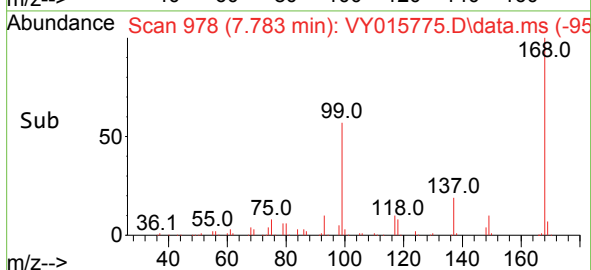
Tgt Ion:113 Resp: 85059
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.8 16.9 25.3

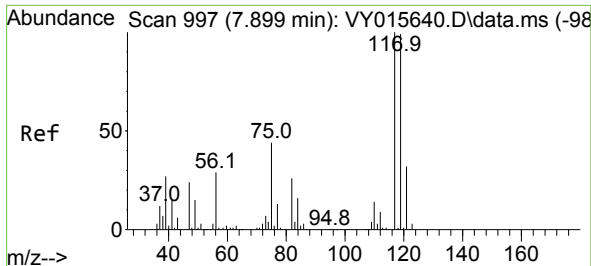


#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40



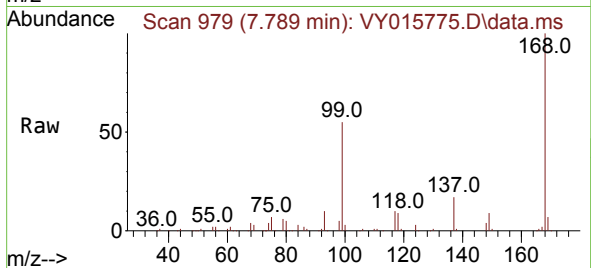
Tgt Ion: 75 Resp: 14315
Ion Ratio Lower Upper
75 100
110 11.5 17.8 53.5#
77 0.0 24.4 36.6#



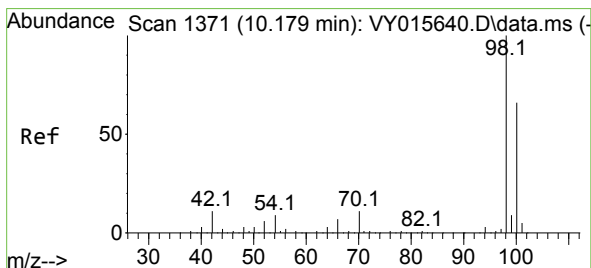
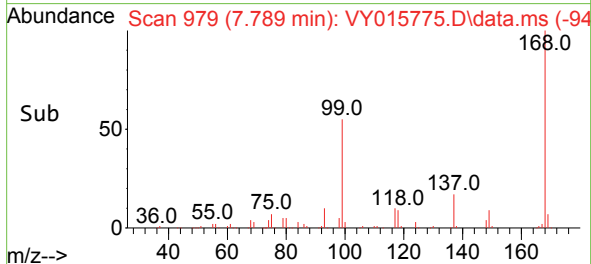
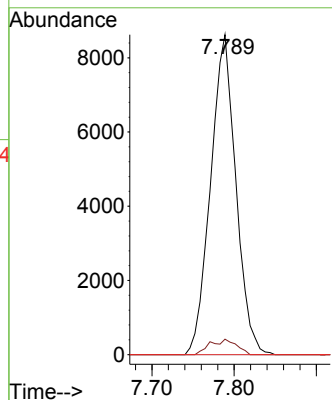


#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Instrument :
MSVOA_Y
ClientSampleId :

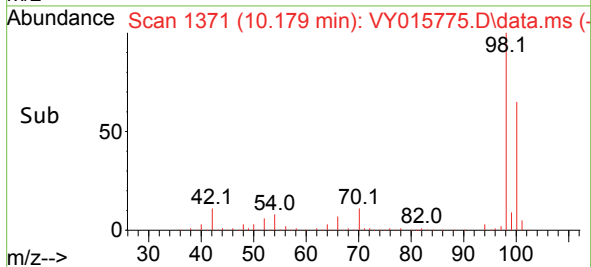
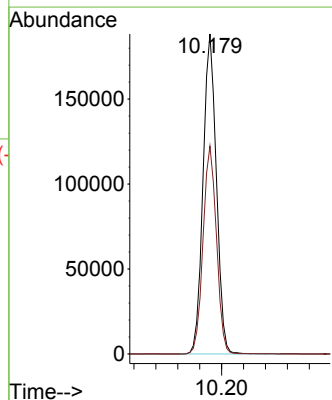
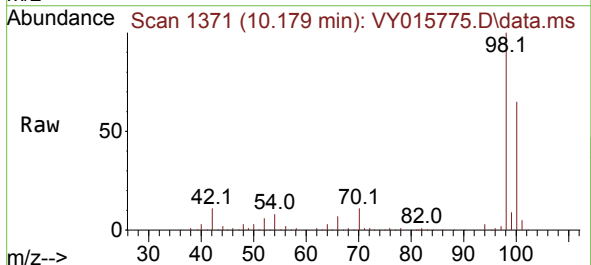


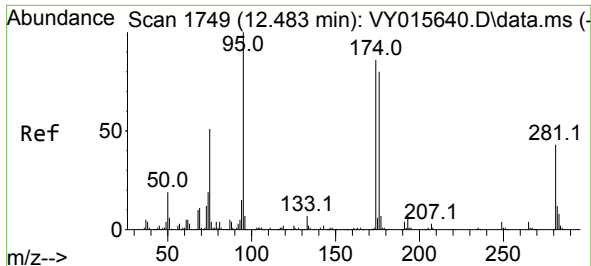
Tgt Ion:117 Resp: 18433
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.716 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

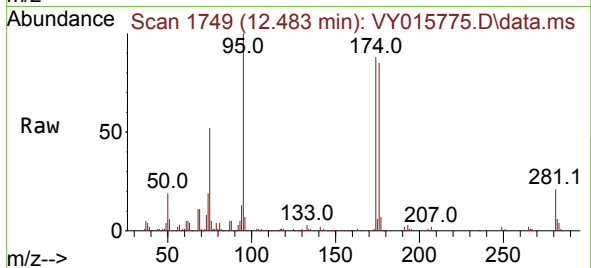
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Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



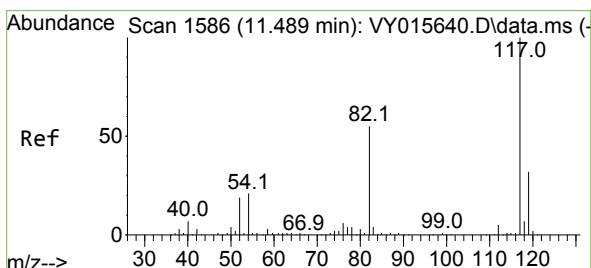
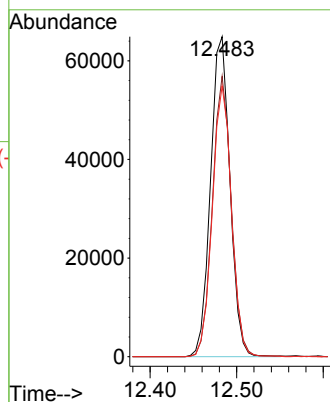
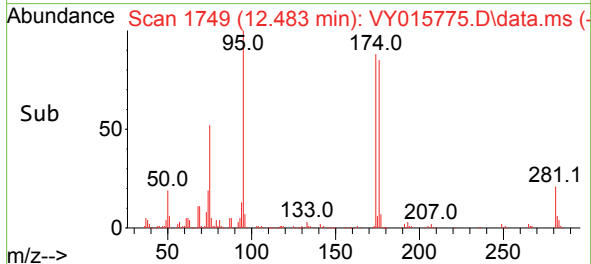


#62
4-Bromofluorobenzene
Concen: 39.599 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Instrument :
MSVOA_Y
ClientSampleId :

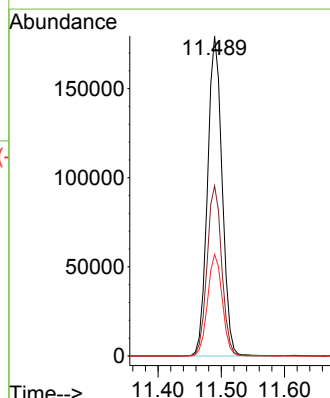
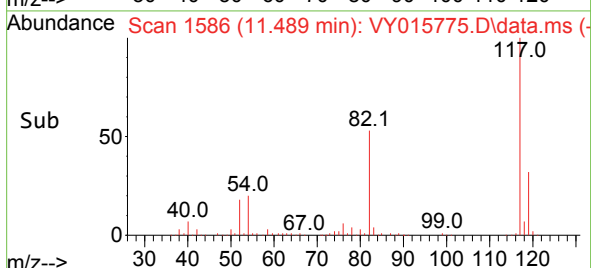
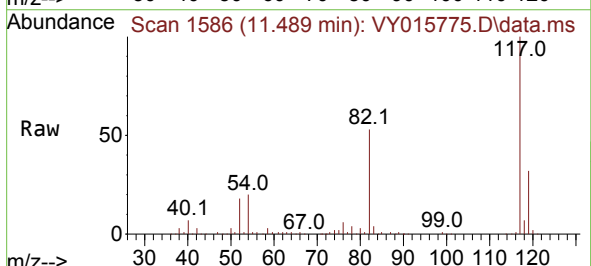


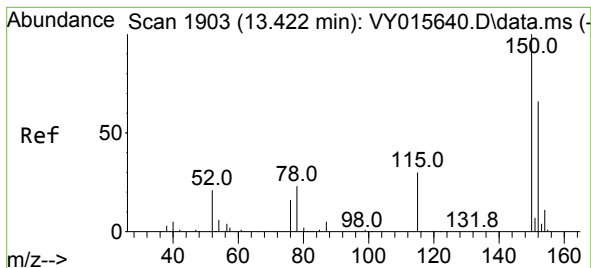
Tgt Ion: 95 Resp: 101166
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Tgt Ion: 117 Resp: 288014
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015775.D

Acq: 02 Oct 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

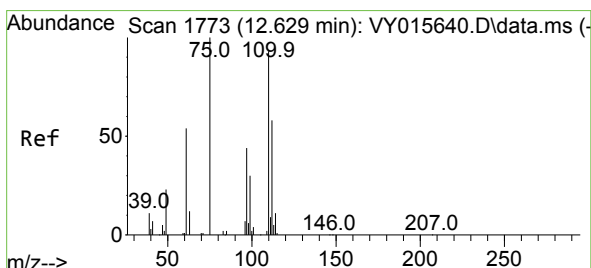
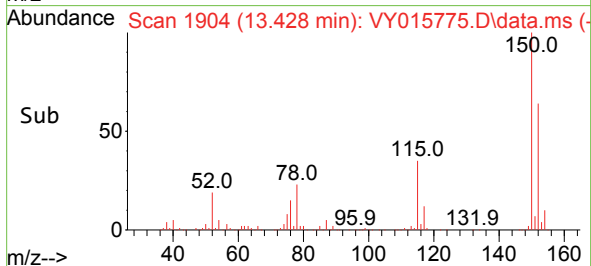
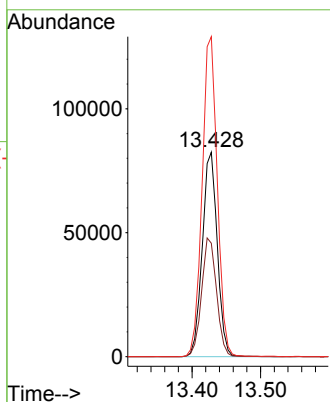
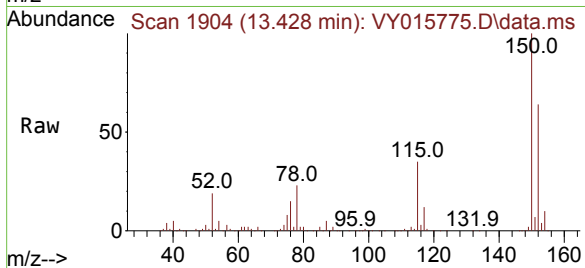
Tgt Ion:152 Resp: 125629

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 26.932 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015775.D

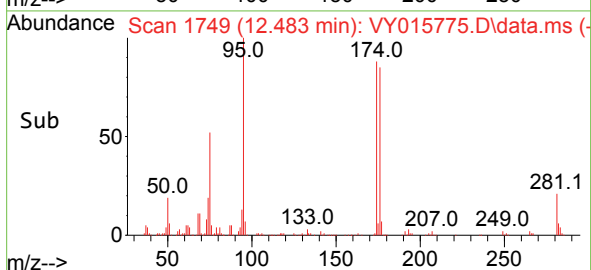
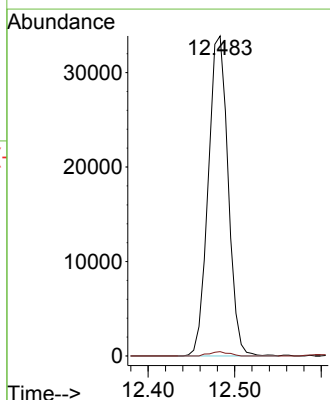
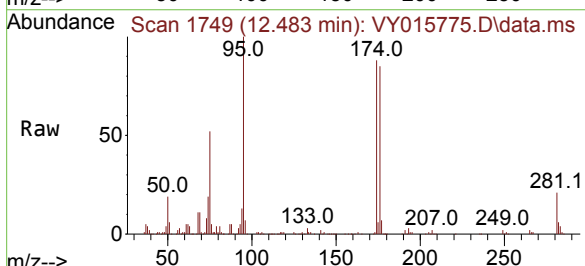
Acq: 02 Oct 2023 13:40

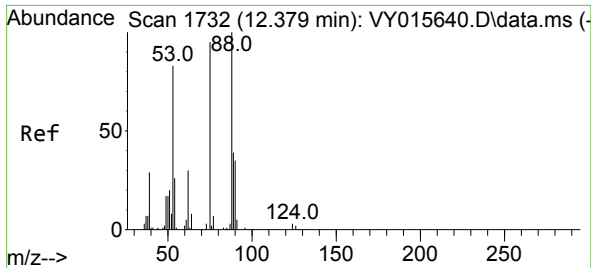
Tgt Ion: 75 Resp: 53978

Ion Ratio Lower Upper

75 100

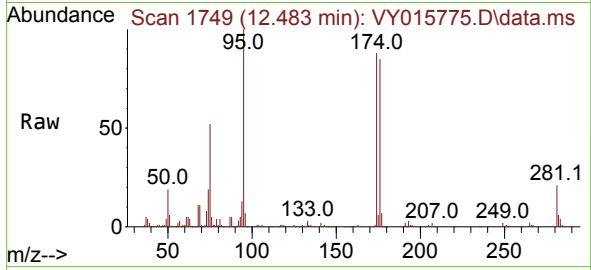
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.649 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015775.D
Acq: 02 Oct 2023 13:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 53978
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

