

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015975.D
 Acq On : 16 Oct 2023 10:05
 Operator : SY/MD
 Sample : VY1016SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

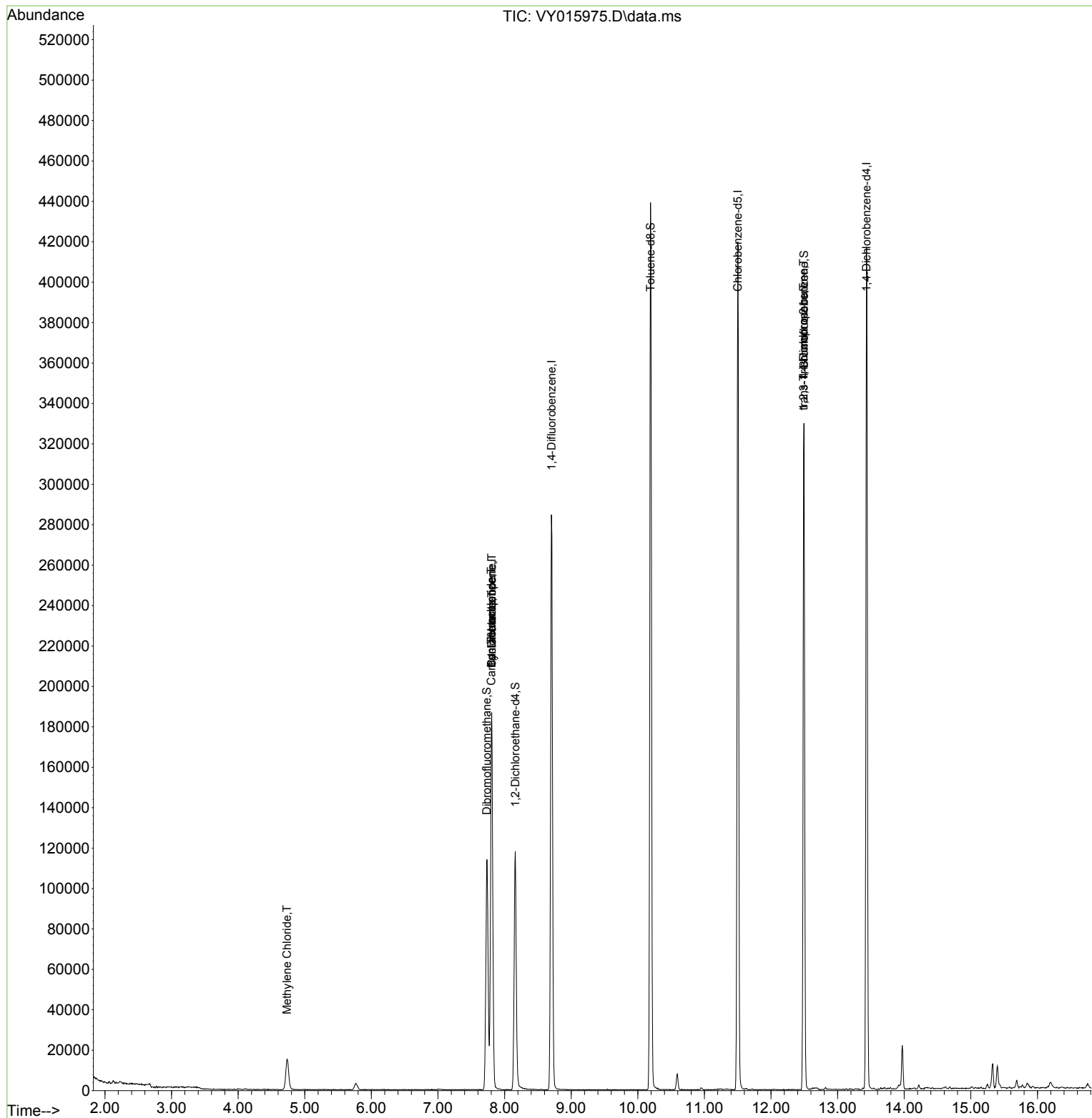
Internal Standards						
1) Pentafluorobenzene	7.807	168	147296	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	253452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	235913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	94132	55.996	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.734	113	83745	52.484	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.191	98	297644	49.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.495	95	101018	47.476	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	935	Below Cal	#	84
20) Methylene Chloride	4.734	84	12064	2.527	ug/l #	89
31) Cyclohexane	7.807	56	3061	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	11071	4.598	ug/l #	50
38) Carbon Tetrachloride	7.801	117	14267	5.627	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	51952	24.282	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51952	57.200	ug/l #	11

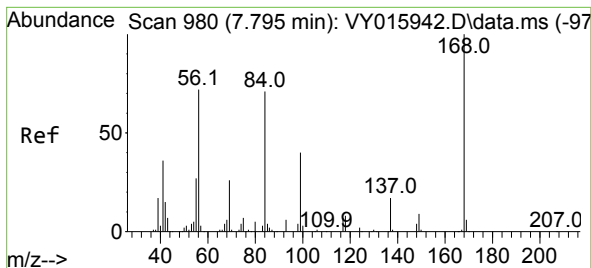
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 17 05:39:34 2023
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Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

Instrument :

MSVOA_Y

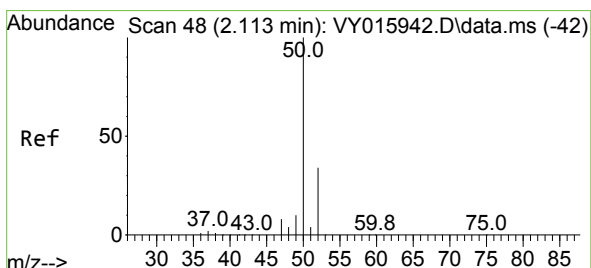
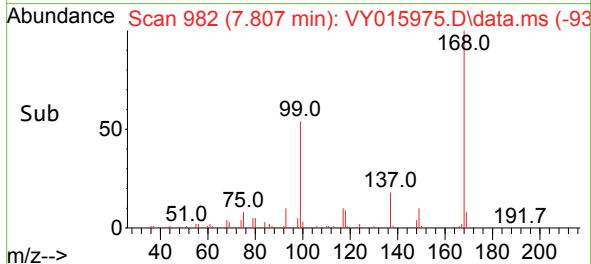
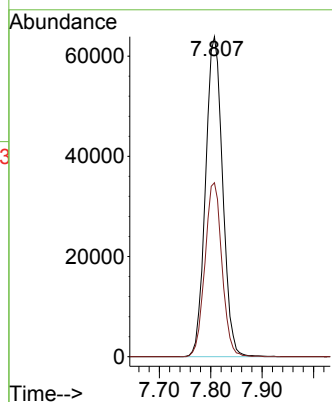
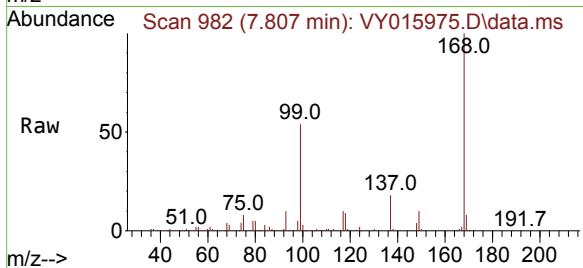
ClientSampleId :

Tgt Ion:168 Resp: 147296

Ion Ratio Lower Upper

168 100

99 54.4 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.125 min Scan# 50

Delta R.T. 0.012 min

Lab File: VY015975.D

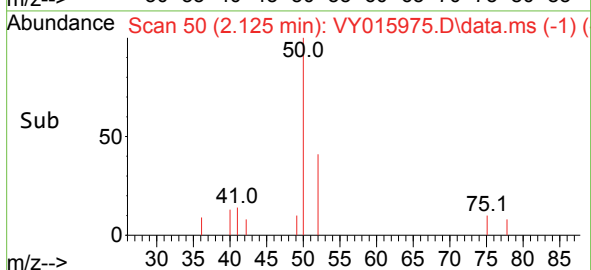
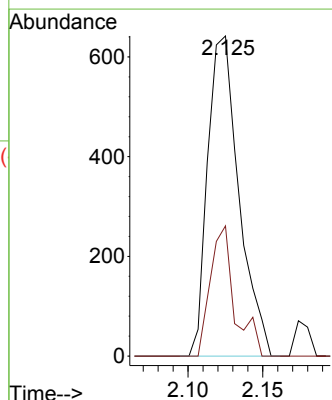
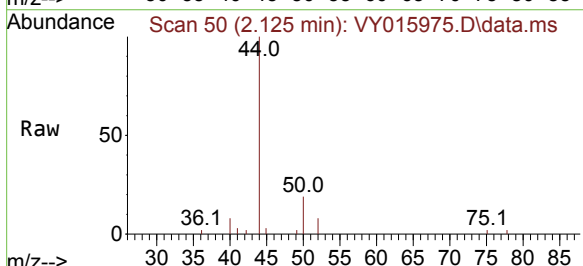
Acq: 16 Oct 2023 10:05

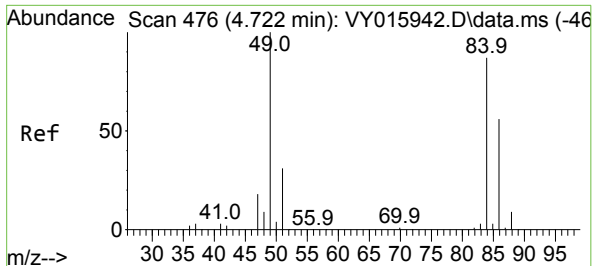
Tgt Ion: 50 Resp: 935

Ion Ratio Lower Upper

50 100

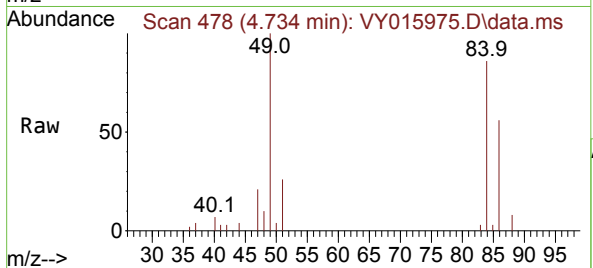
52 40.7 25.4 38.2#



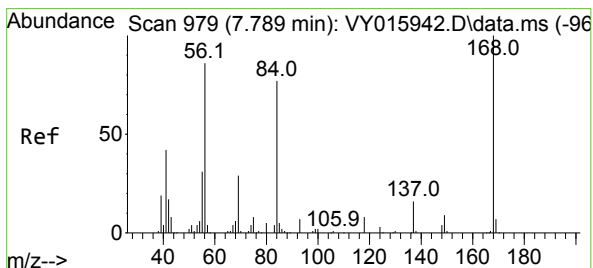
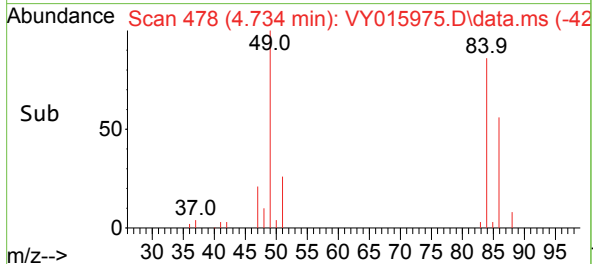
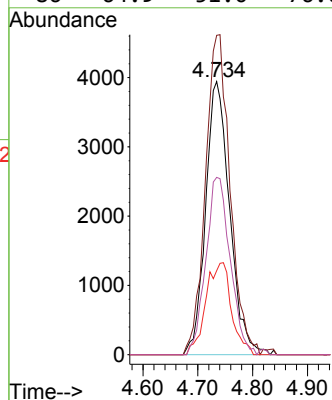


#20
Methylene Chloride
Concen: 2.527 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Instrument :
MSVOA_Y
ClientSampleId :

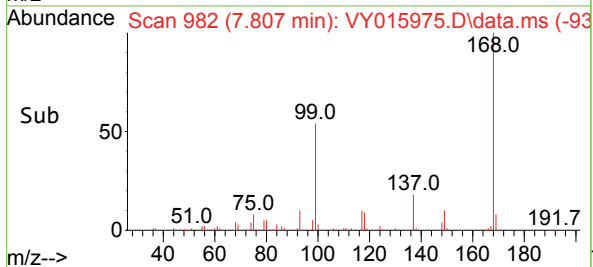
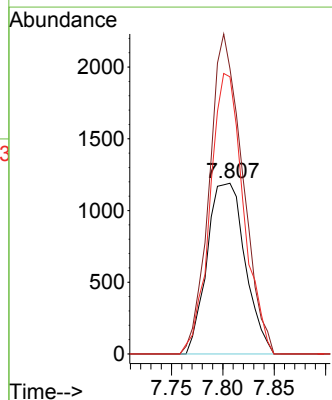
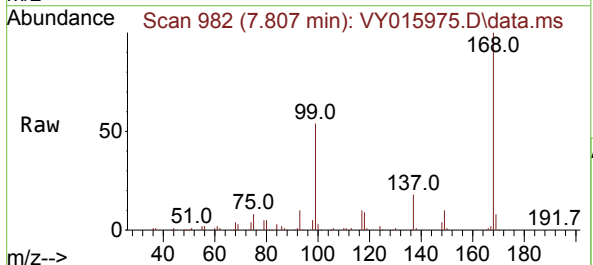


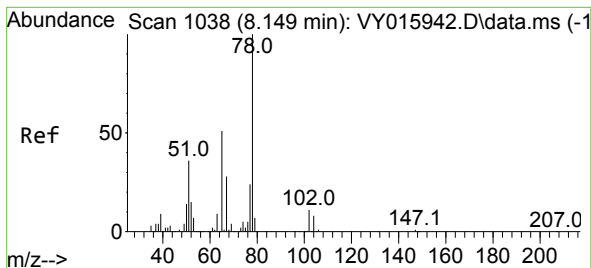
Tgt Ion:	84	Resp:	12064
Ion	Ratio	Lower	Upper
84	100		
49	116.9	106.9	160.3
51	30.7	33.2	49.8#
86	64.9	51.0	76.6



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion:	56	Resp:	3061
Ion	Ratio	Lower	Upper
56	100		
69	167.1	27.8	41.6#
84	162.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.996 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

Instrument :

MSVOA_Y

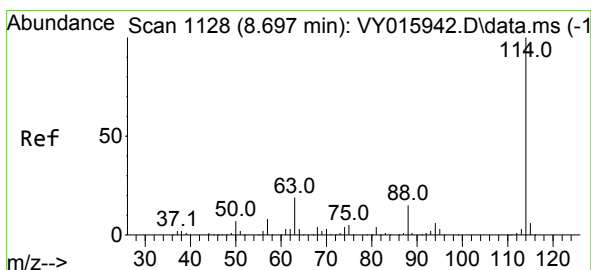
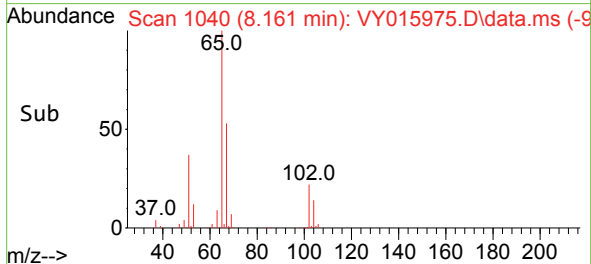
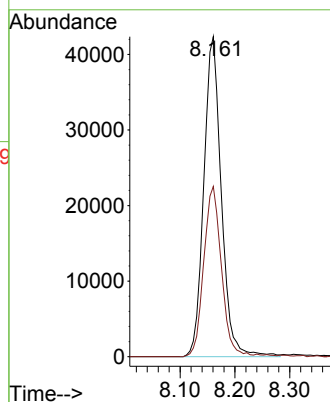
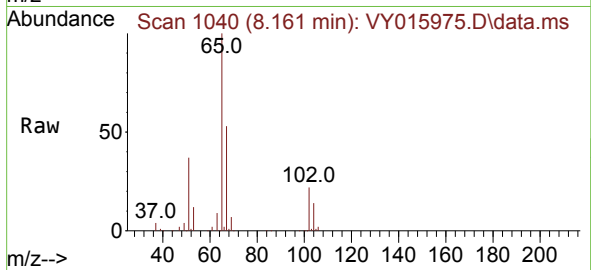
ClientSampleId :

Tgt Ion: 65 Resp: 94132

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

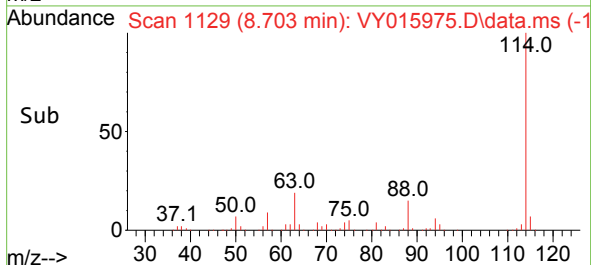
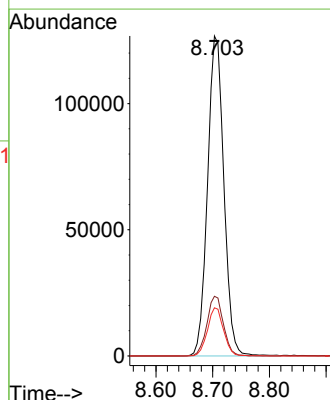
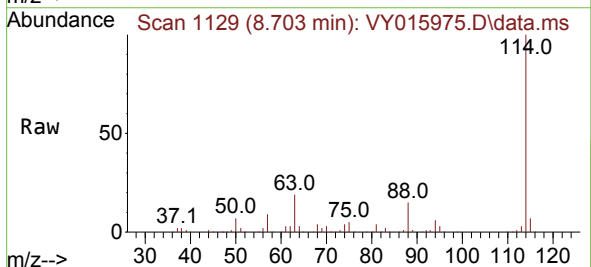
Tgt Ion: 114 Resp: 253452

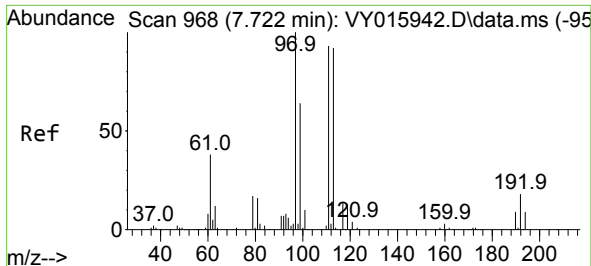
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.1 0.0 30.6

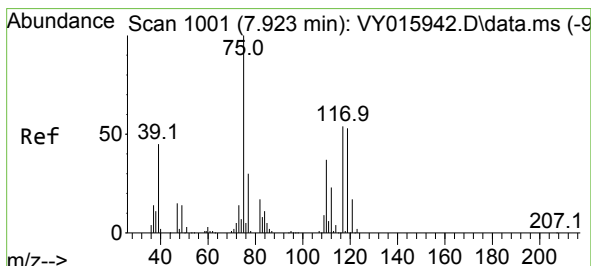
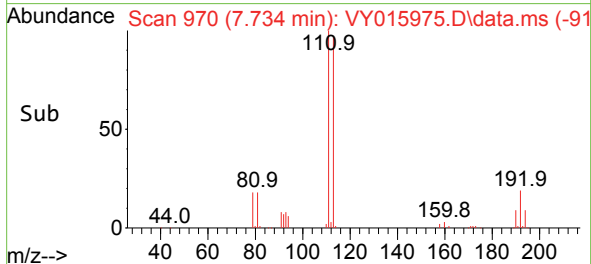
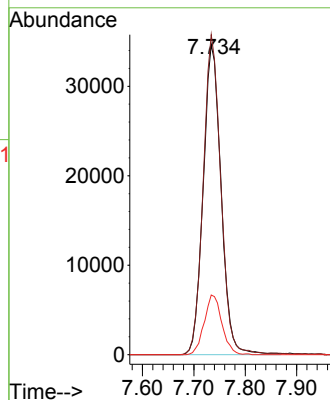
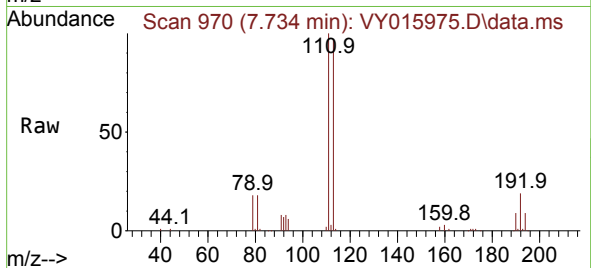




#35
Dibromofluoromethane
Concen: 52.484 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

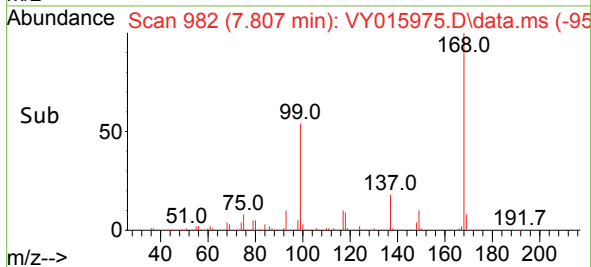
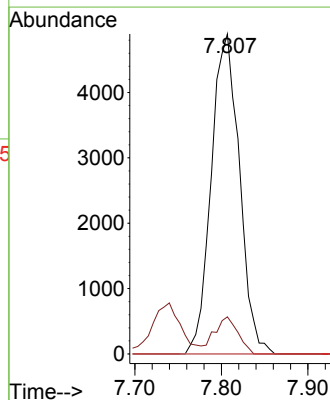
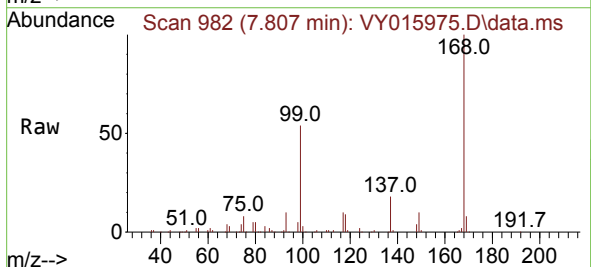
Instrument :
MSVOA_Y
ClientSampleId :

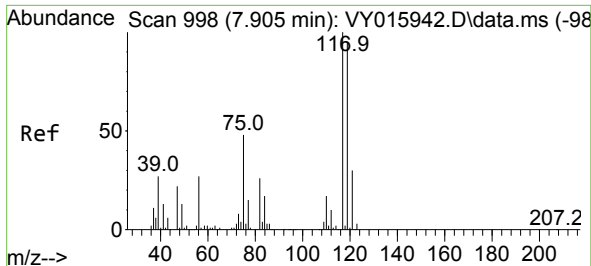
Tgt Ion:113 Resp: 83745
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

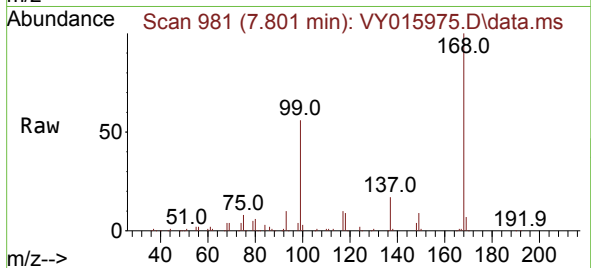
Tgt Ion: 75 Resp: 11071
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



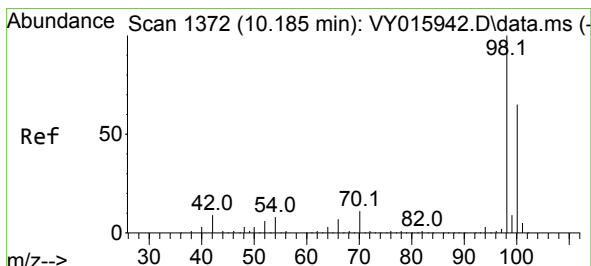
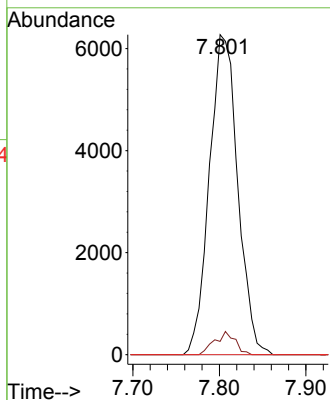
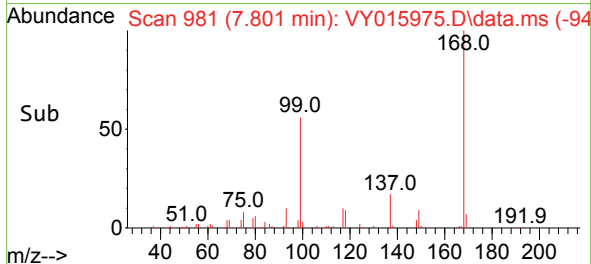


#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Instrument :
MSVOA_Y
ClientSampleId :

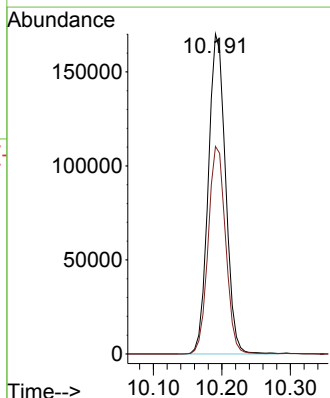
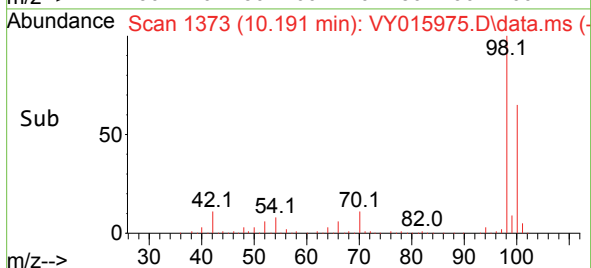
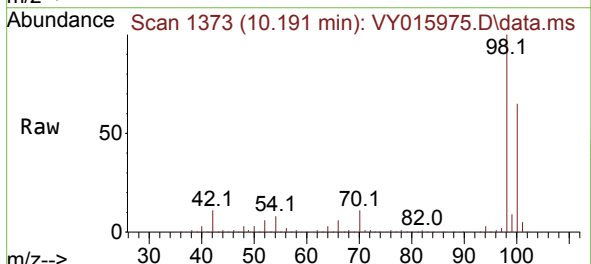


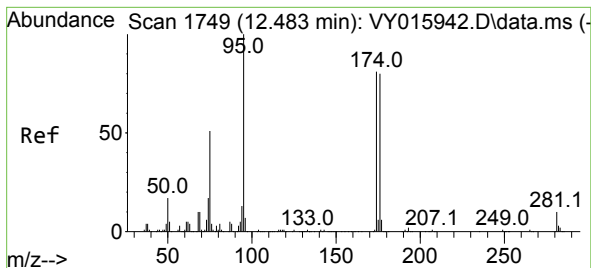
Tgt Ion:117 Resp: 14267
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion: 98 Resp: 297644
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

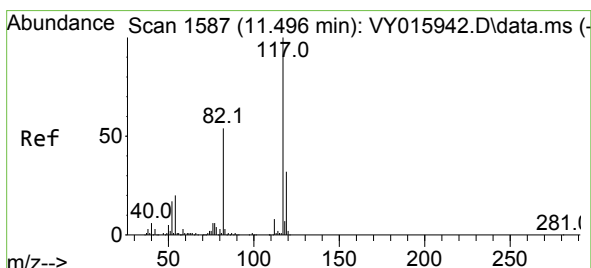
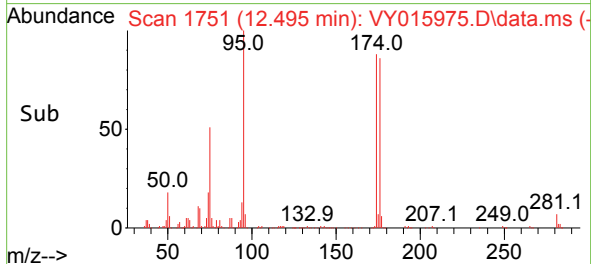
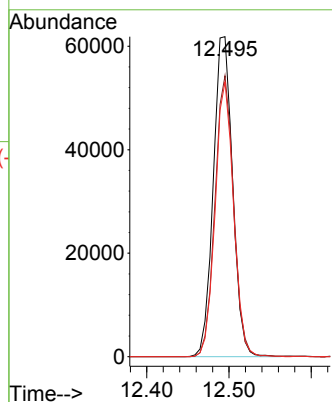
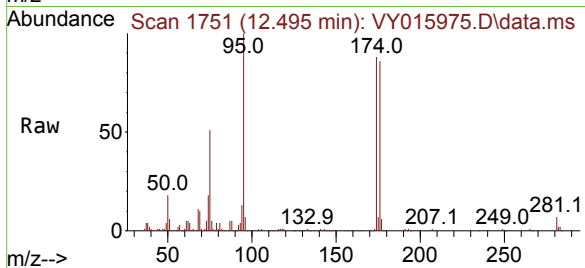




#62
4-Bromofluorobenzene
Concen: 47.476 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

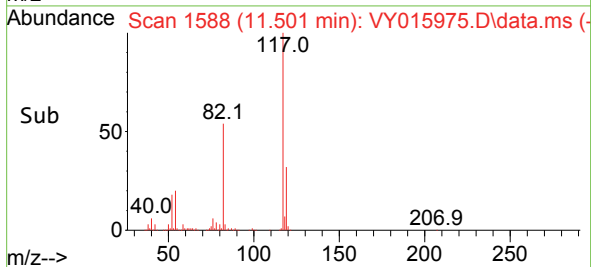
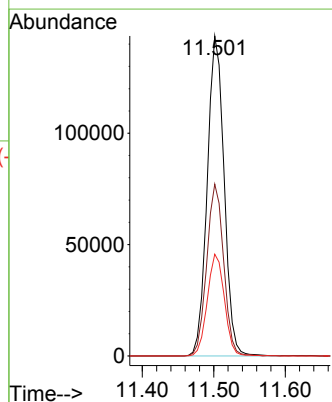
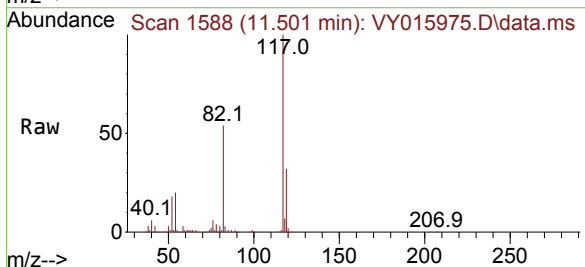
Instrument :
MSVOA_Y
ClientSampleId :

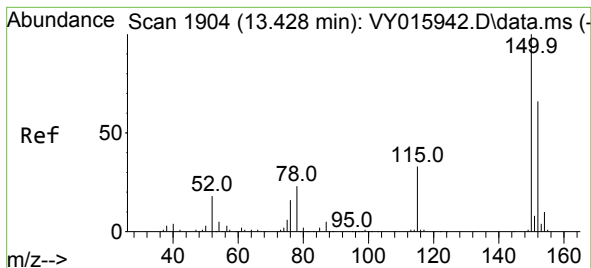
Tgt Ion: 95 Resp: 101018
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY015975.D
Acq: 16 Oct 2023 10:05

Tgt Ion: 117 Resp: 235913
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015975.D

Acq: 16 Oct 2023 10:05

Instrument :

MSVOA_Y

ClientSampleId :

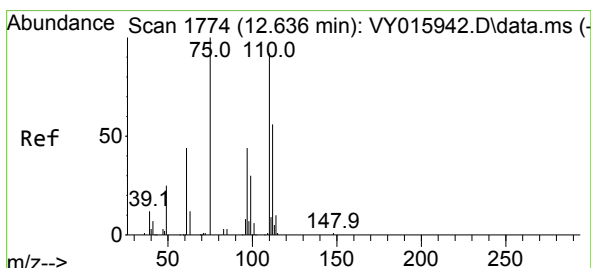
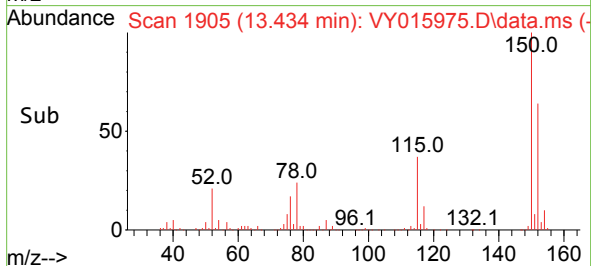
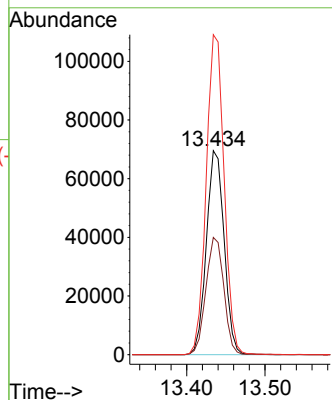
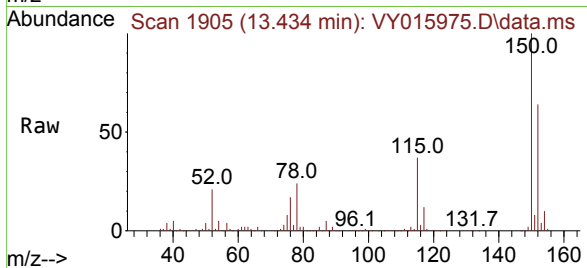
Tgt Ion:152 Resp: 109328

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 24.282 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.147 min

Lab File: VY015975.D

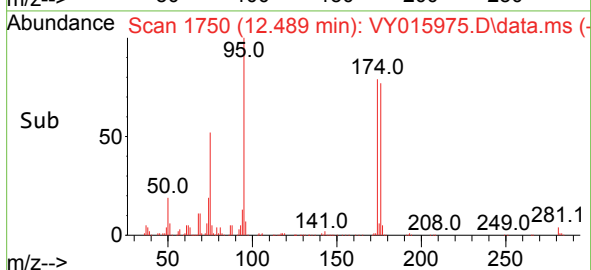
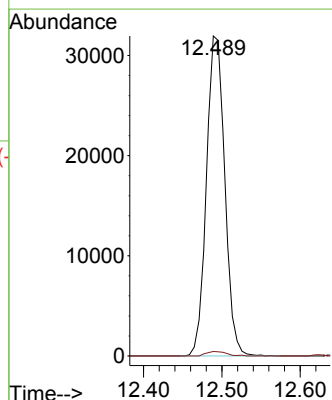
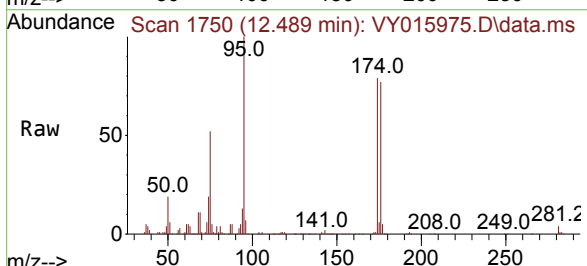
Acq: 16 Oct 2023 10:05

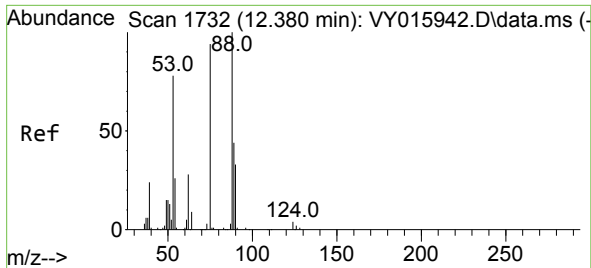
Tgt Ion: 75 Resp: 51952

Ion Ratio Lower Upper

75 100

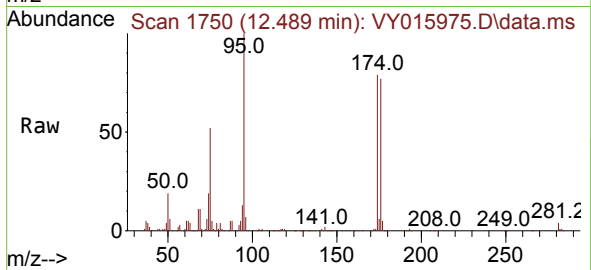
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.200 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015975.D
 Acq: 16 Oct 2023 10:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

