

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015989.D
 Acq On : 16 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04892-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:45:18 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)

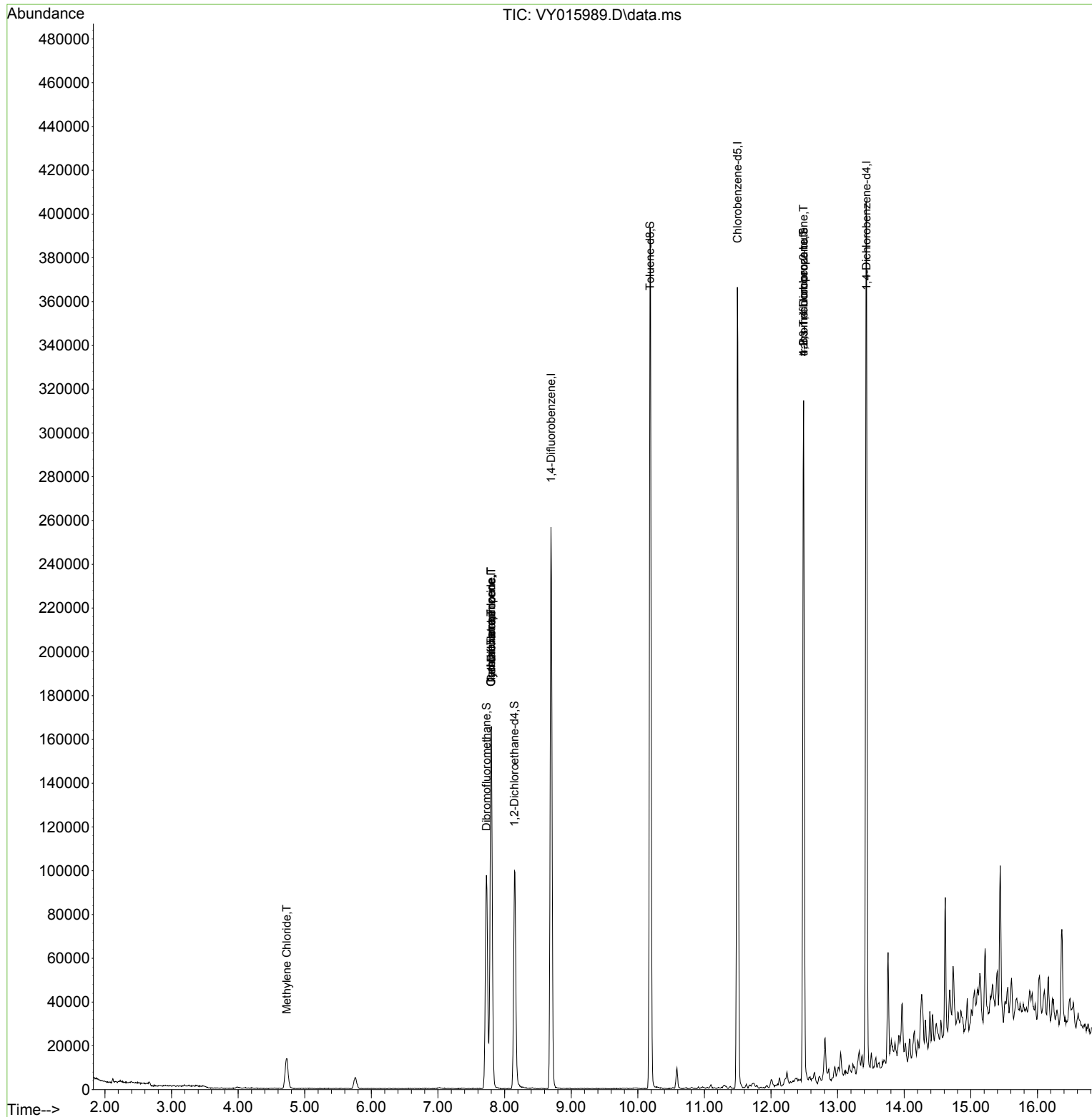
Internal Standards						
1) Pentafluorobenzene	7.801	168	131032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83469	55.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.728	113	72414	52.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.080%	
50) Toluene-d8	10.185	98	261889	50.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.489	95	92090	49.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	846	Below Cal	#	88
20) Methylene Chloride	4.729	84	11319	2.913	ug/l	86
31) Cyclohexane	7.795	56	2562	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10126	4.823	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12710	5.749	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	48232	23.205	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48232	54.664	ug/l #	11

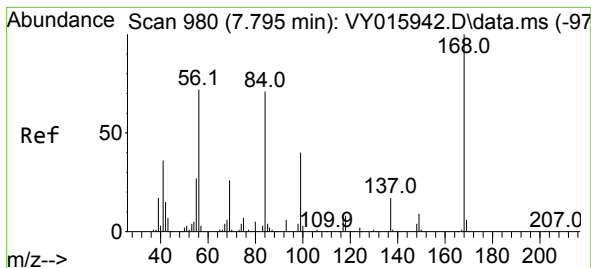
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 13 13:13:02 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015989.D

Acq: 16 Oct 2023 17:03

Instrument :

MSVOA_Y

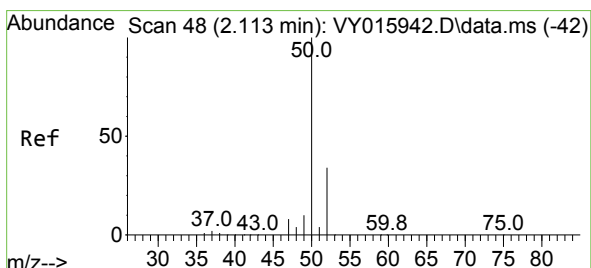
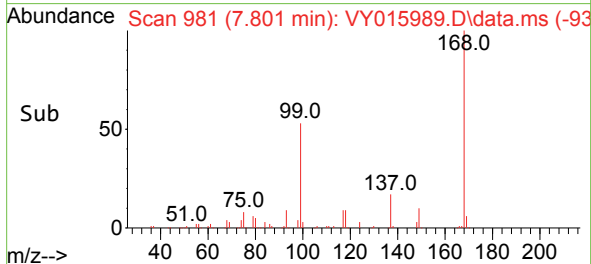
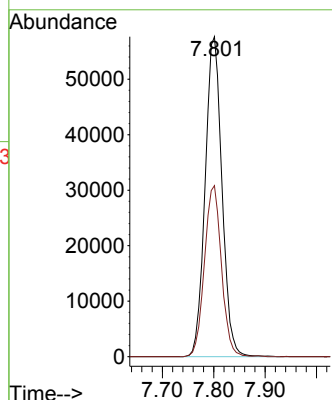
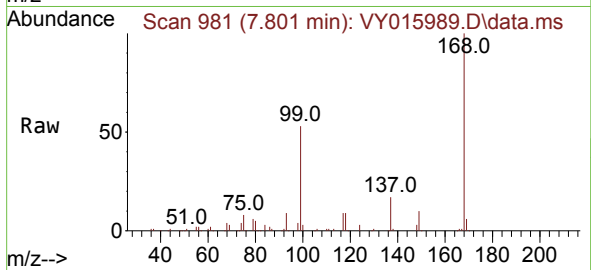
ClientSampleId :

Tgt Ion:168 Resp: 131032

Ion Ratio Lower Upper

168 100

99 53.4 43.4 65.0



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY015989.D

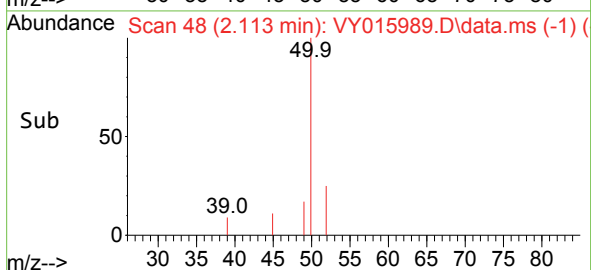
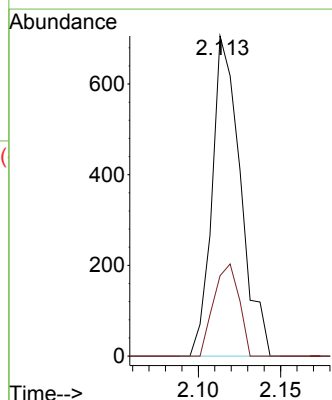
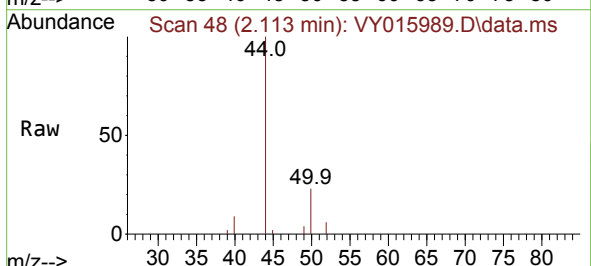
Acq: 16 Oct 2023 17:03

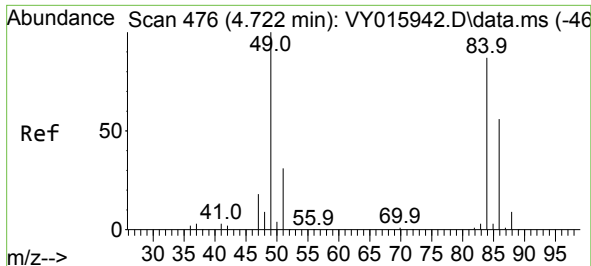
Tgt Ion: 50 Resp: 846

Ion Ratio Lower Upper

50 100

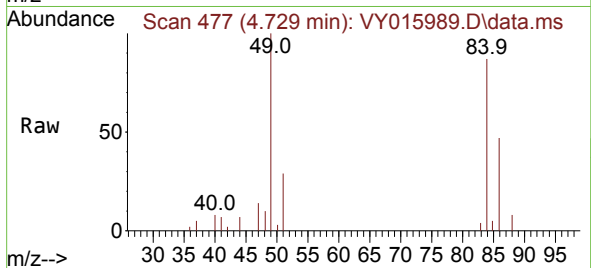
52 25.1 25.4 38.2#



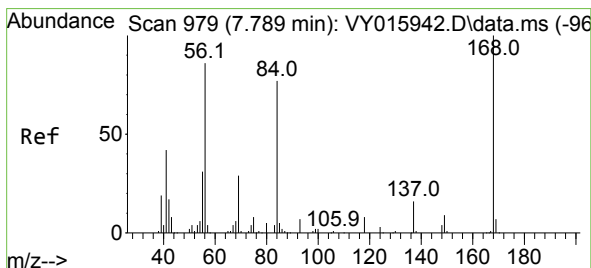
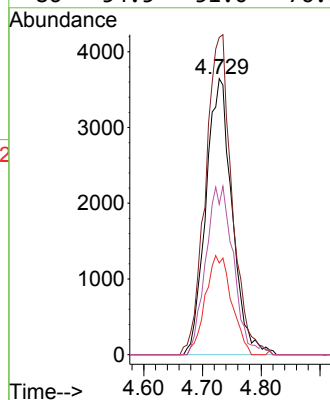
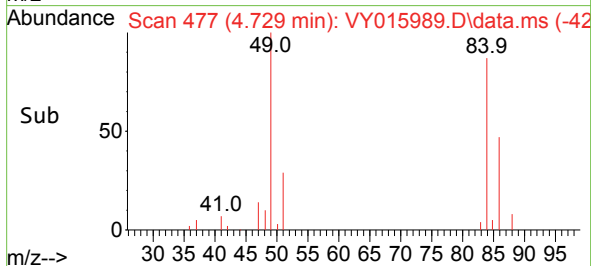


#20
Methylene Chloride
Concen: 2.913 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

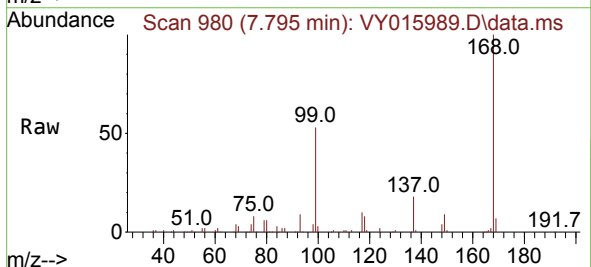
Instrument :
MSVOA_Y
ClientSampleId :



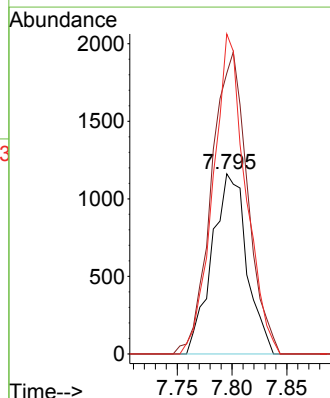
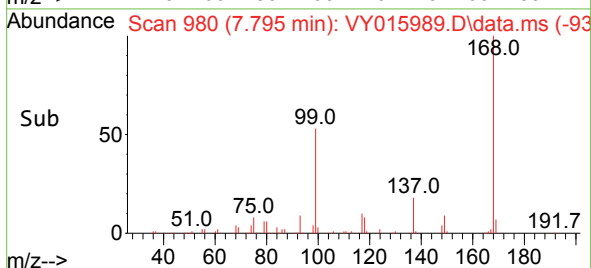
Tgt Ion:	84	Resp:	11319
Ion	Ratio	Lower	Upper
84	100		
49	115.0	106.9	160.3
51	33.2	33.2	49.8
86	54.5	51.0	76.6

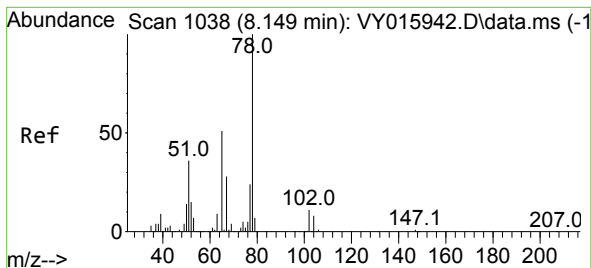


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03



Tgt Ion:	56	Resp:	2562
Ion	Ratio	Lower	Upper
56	100		
69	155.8	27.8	41.6#
84	177.7	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.816 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

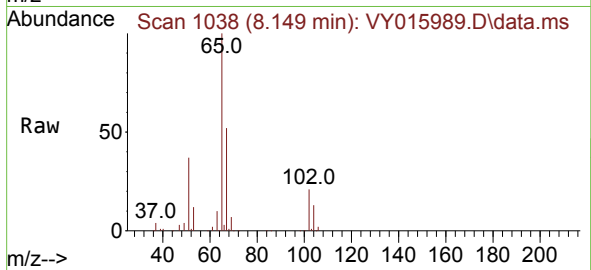
Lab File: VY015989.D

Acq: 16 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

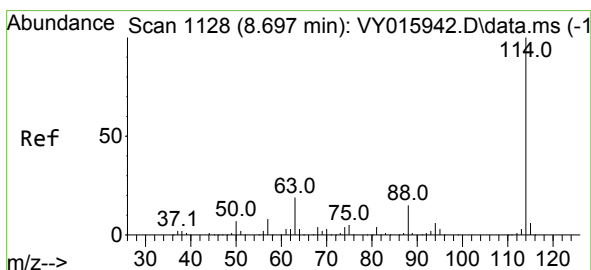
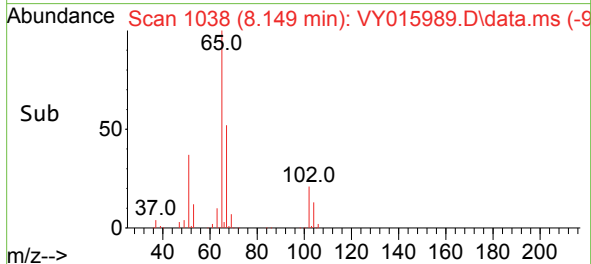
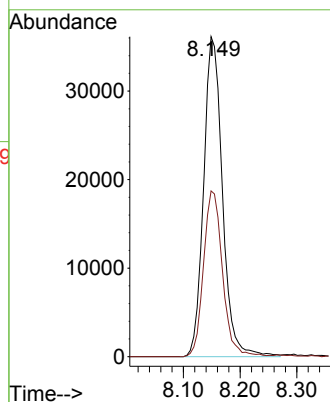


Tgt Ion: 65 Resp: 83469

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015989.D

Acq: 16 Oct 2023 17:03

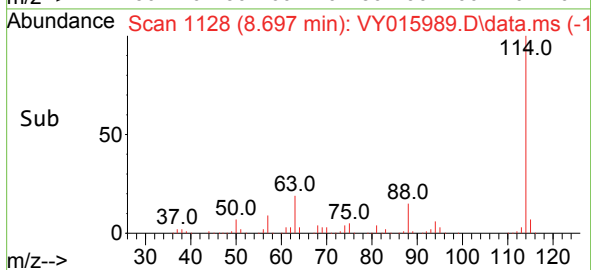
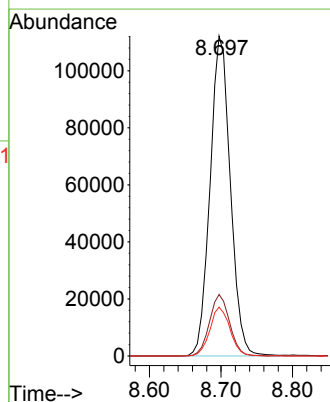
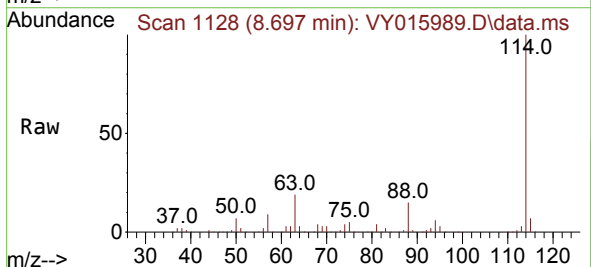
Tgt Ion: 114 Resp: 221010

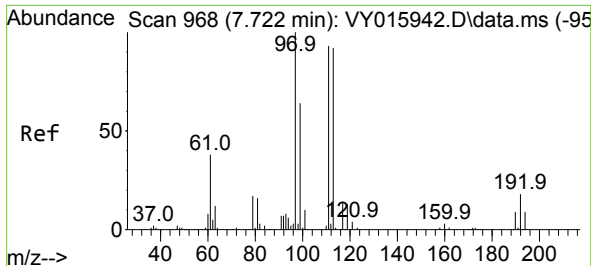
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

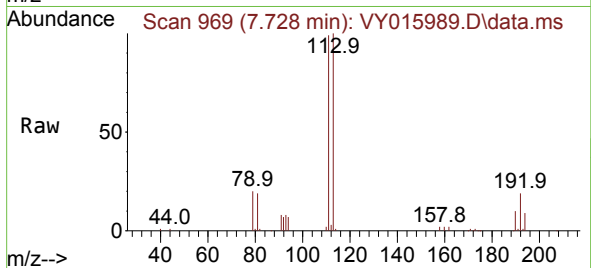
88 15.2 0.0 30.6



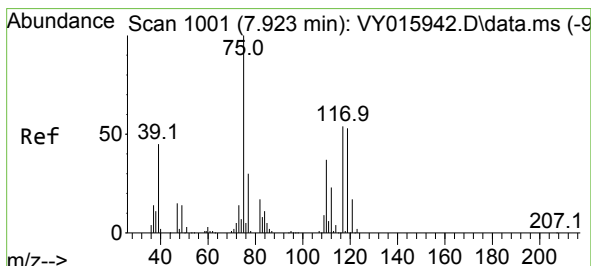
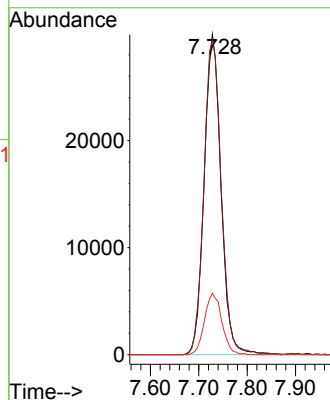
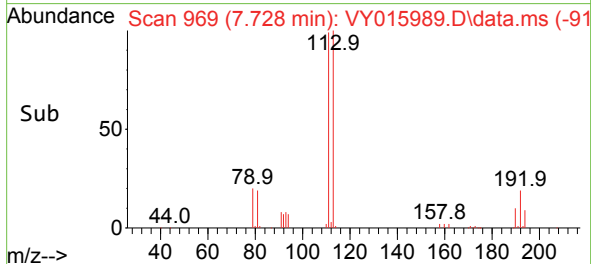


#35
Dibromofluoromethane
Concen: 52.045 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

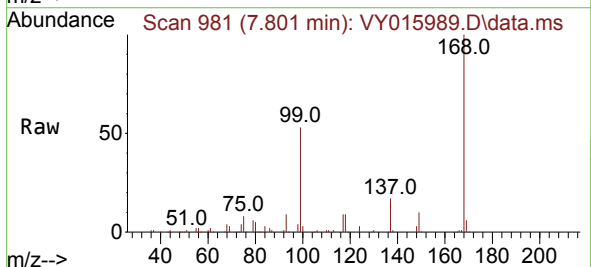
Instrument :
MSVOA_Y
ClientSampleId :



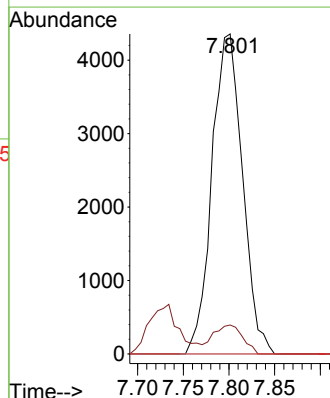
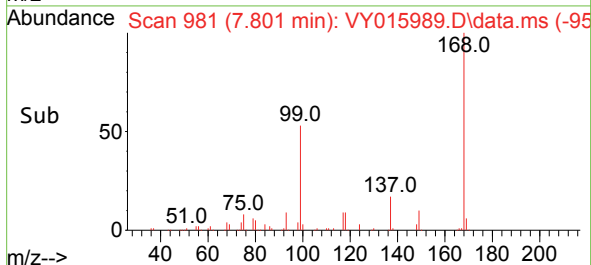
Tgt Ion:113 Resp: 72414
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.7 16.9 25.3

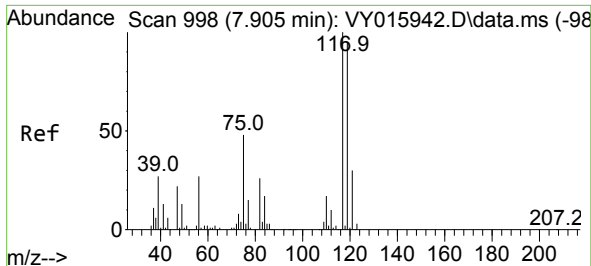


#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03



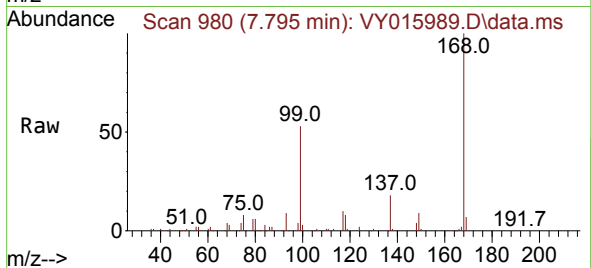
Tgt Ion: 75 Resp: 10126
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



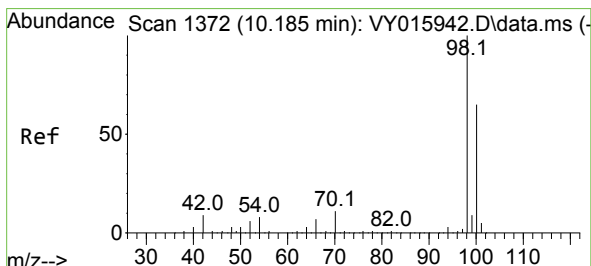
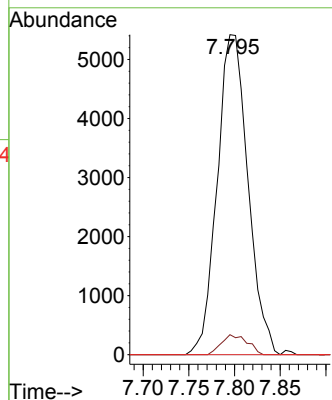
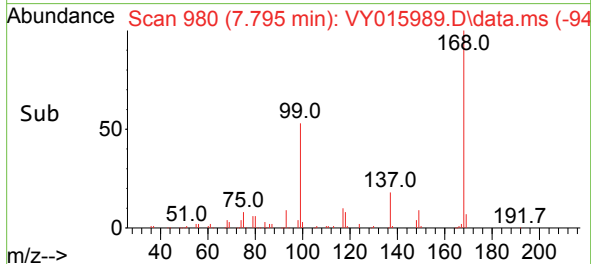


#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :

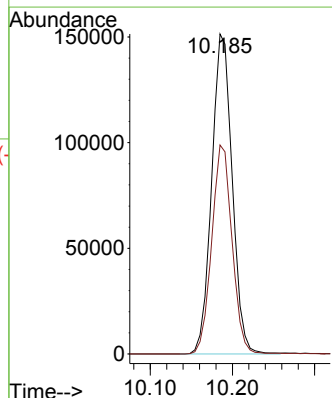
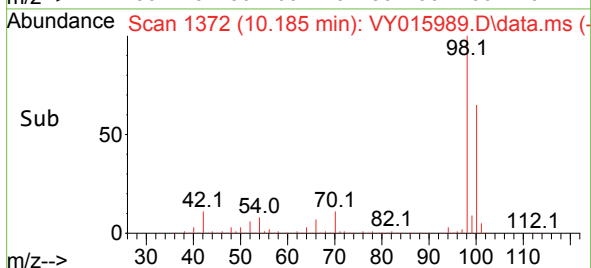
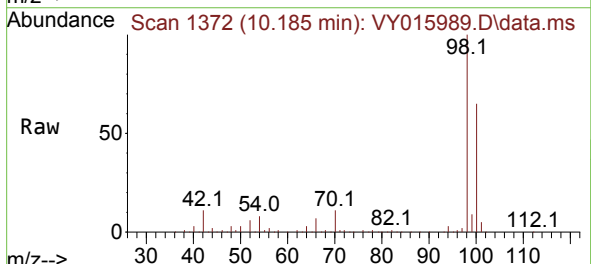


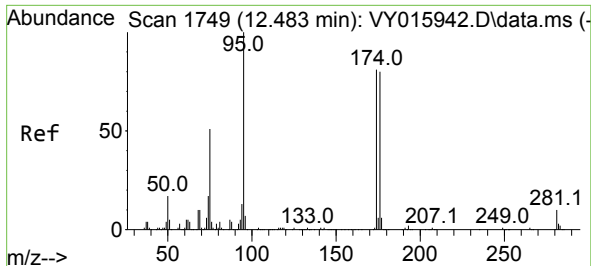
Tgt Ion:117 Resp: 12710
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

Tgt Ion: 98 Resp: 261889
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

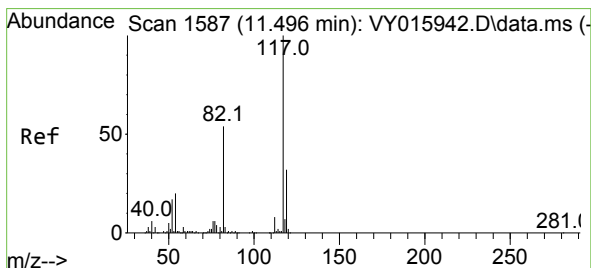
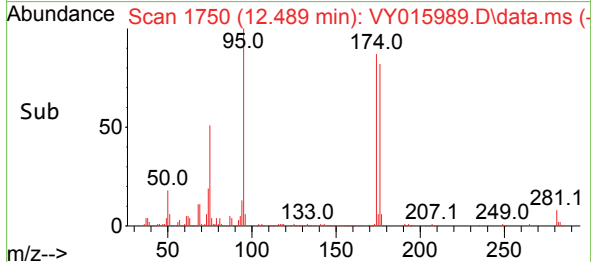
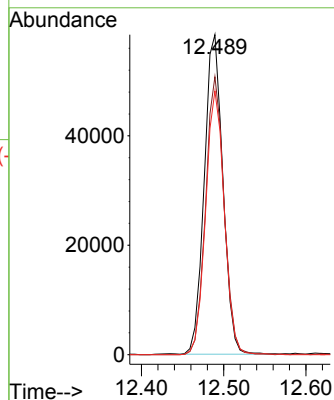
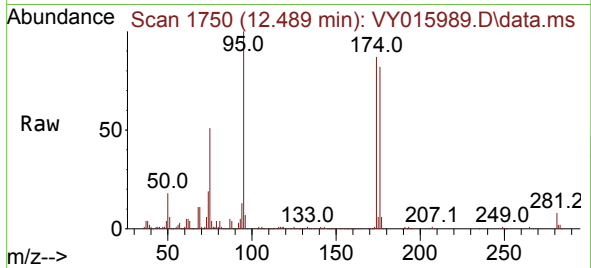




#62
4-Bromofluorobenzene
Concen: 49.633 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

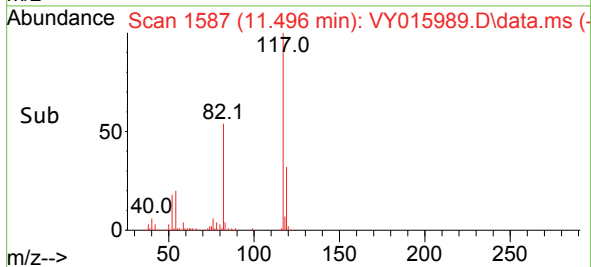
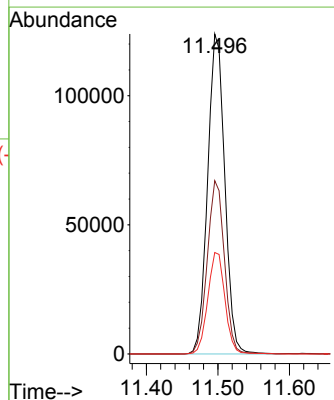
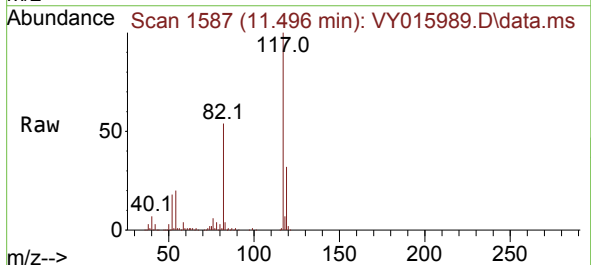
Instrument :
MSVOA_Y
ClientSampleId :

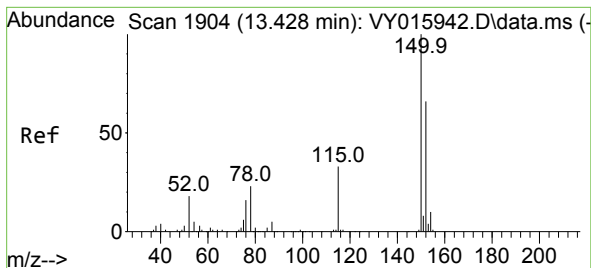
Tgt Ion: 95 Resp: 92090
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

Tgt Ion: 117 Resp: 206549
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.7 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

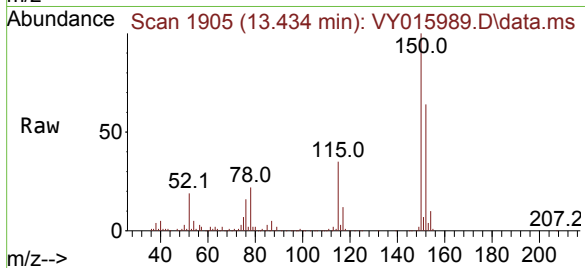
Lab File: VY015989.D

Acq: 16 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :



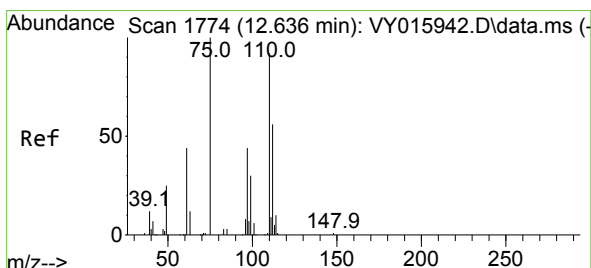
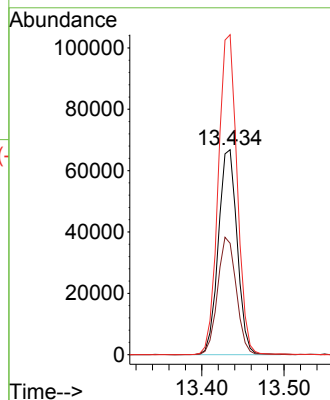
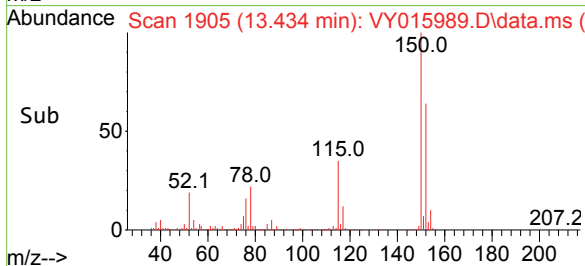
Tgt Ion:152 Resp: 106208

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 23.205 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY015989.D

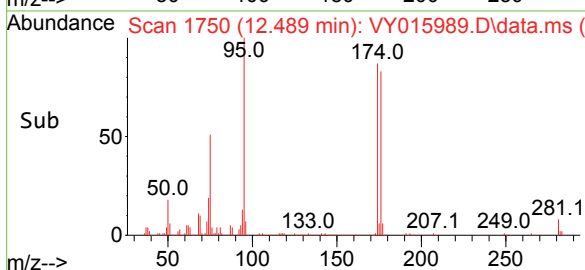
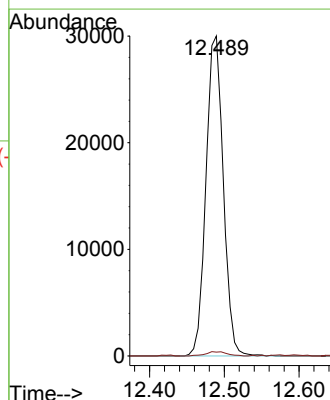
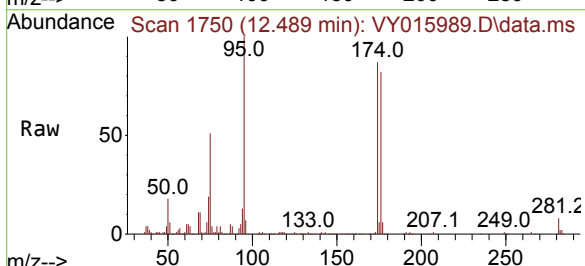
Acq: 16 Oct 2023 17:03

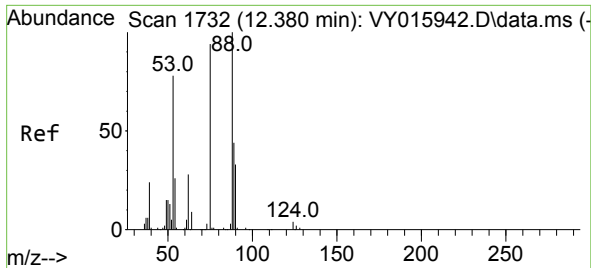
Tgt Ion: 75 Resp: 48232

Ion Ratio Lower Upper

75 100

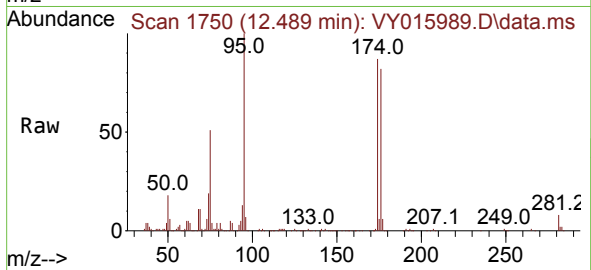
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.664 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015989.D
 Acq: 16 Oct 2023 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 48232
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.2 37.4 56.0#

