

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017460.D
 Acq On : 22 Feb 2024 16:01
 Operator : SY/MD
 Sample : P1537-12RE
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

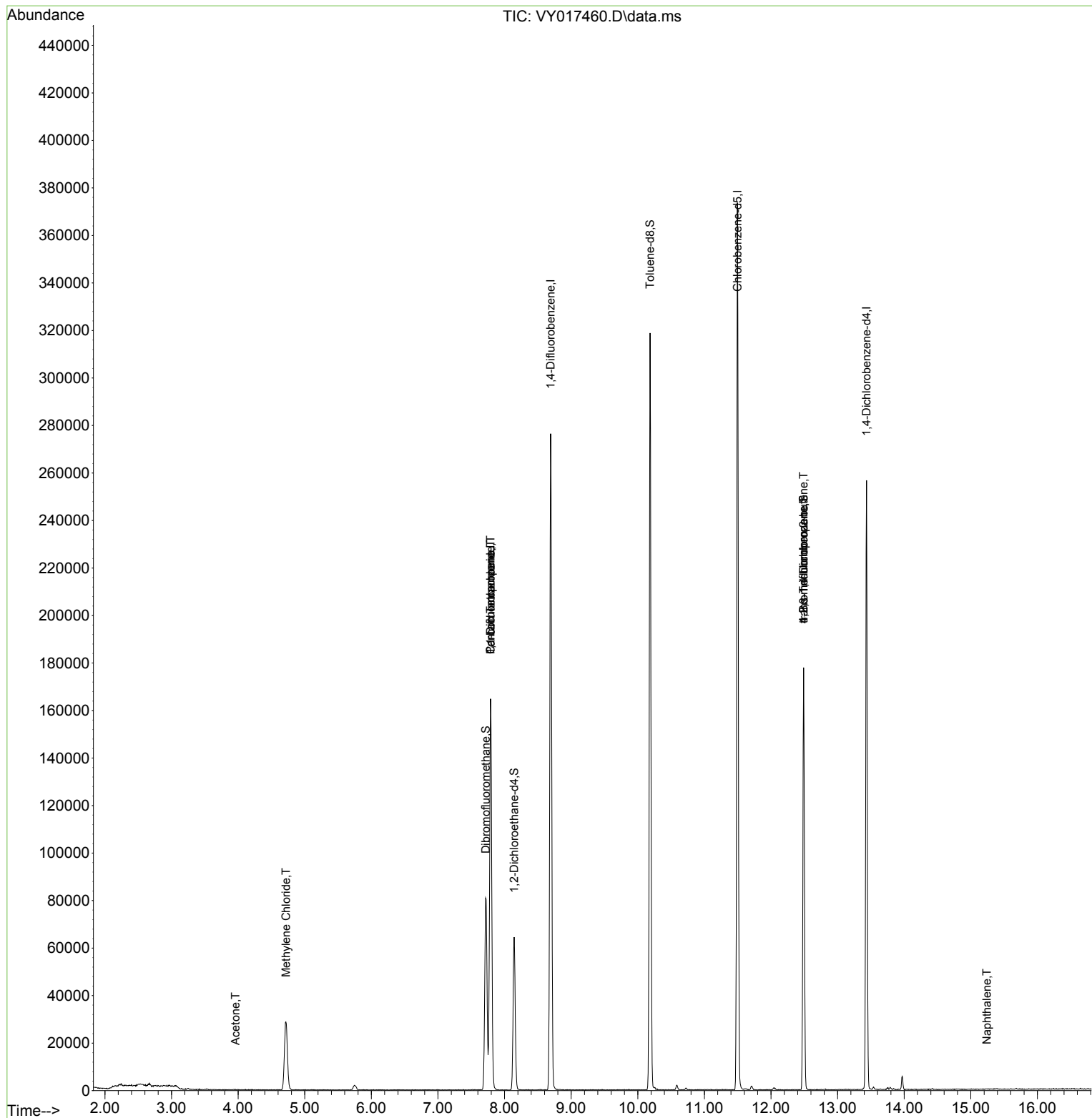
Internal Standards						
1) Pentafluorobenzene	7.789	168	135814	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	253768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48378	41.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.400%
35) Dibromofluoromethane	7.716	113	60154	40.495	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.000%
50) Toluene-d8	10.185	98	212886	36.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.900%
62) 4-Bromofluorobenzene	12.489	95	52095	27.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	313	Below Cal	#	53
16) Acetone	3.960	43	260	1.035	ug/l #	36
20) Methylene Chloride	4.716	84	23944	10.751	ug/l	96
36) 1,1-Dichloropropene	7.789	75	9534	3.843	ug/l #	48
38) Carbon Tetrachloride	7.789	117	12640	5.117	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	24848	37.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	24848	86.346	ug/l #	16
95) Naphthalene	15.239	128	236	3.645	ug/l #	69

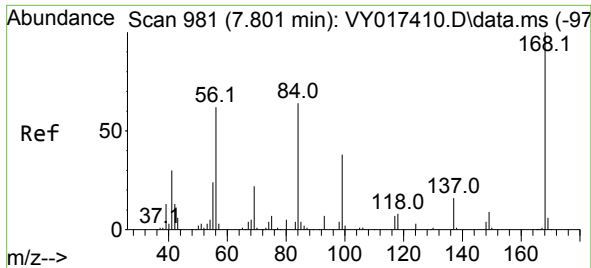
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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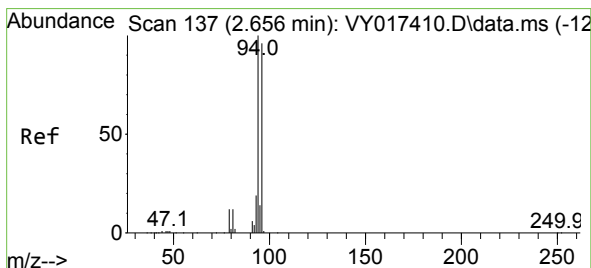
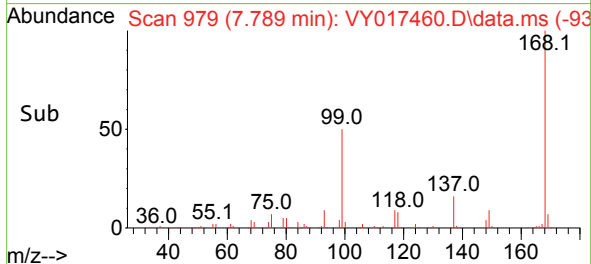
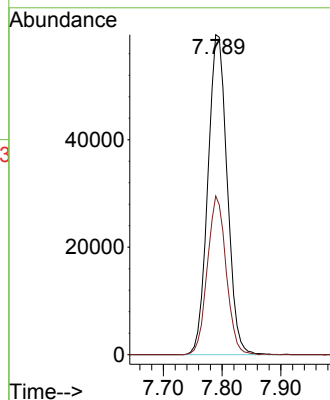
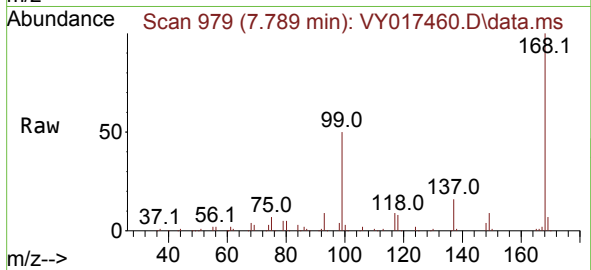




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

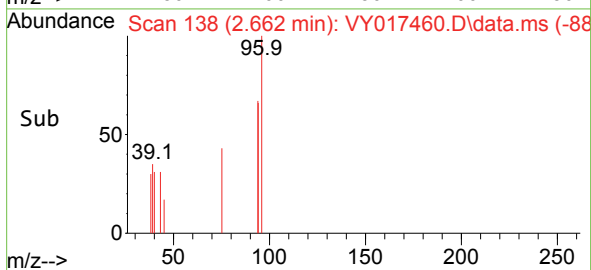
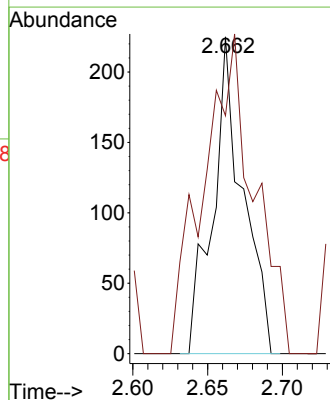
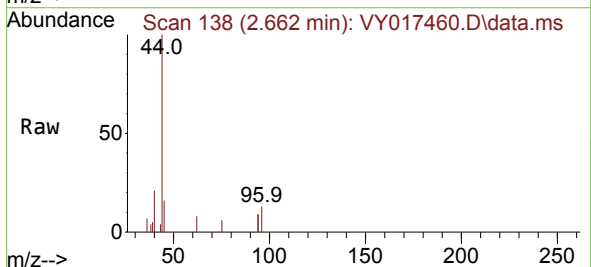
Instrument :
MSVOA_Y
ClientSampleId :

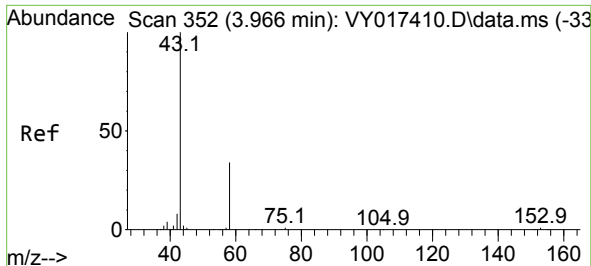
Tgt Ion:168 Resp: 135814
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 47.6 74.1 111.1#

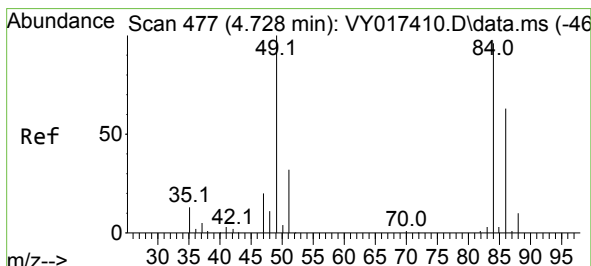
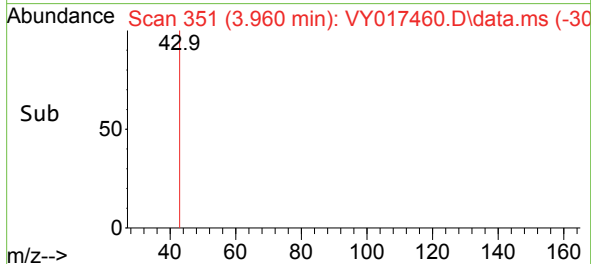
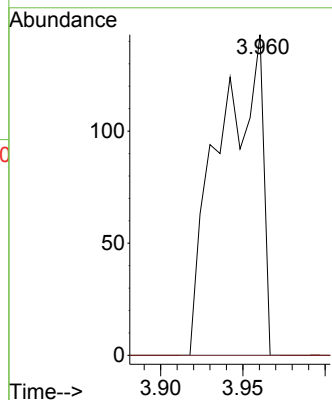
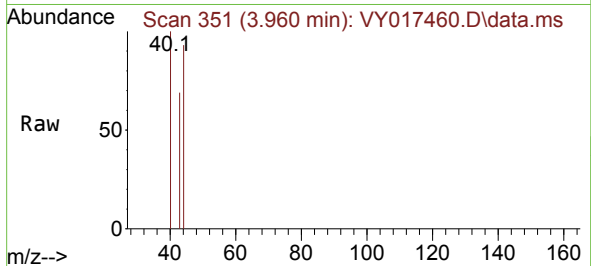




#16
Acetone
Concen: 1.035 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

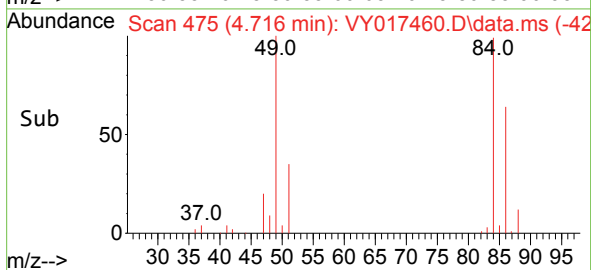
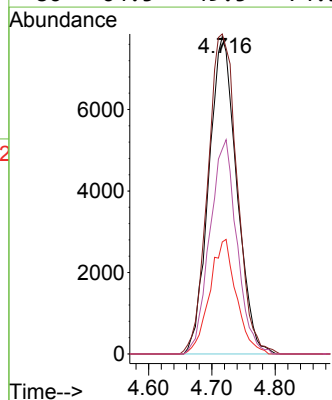
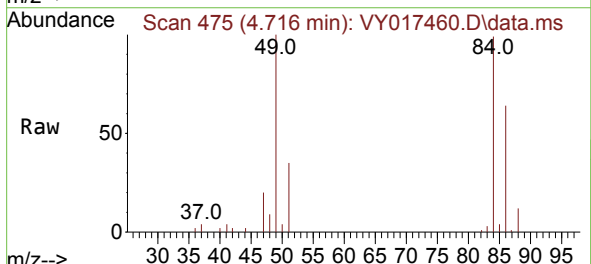
Instrument :
MSVOA_Y
ClientSampleId :

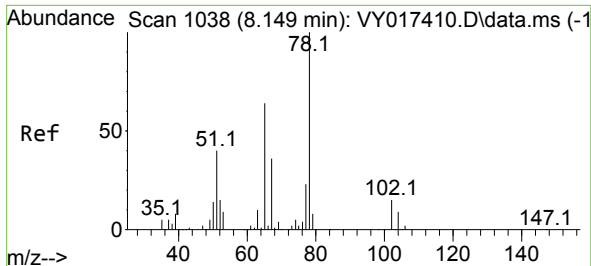
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 10.751 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion: 84 Resp: 23944
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 35.3 26.0 39.0
86 64.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 41.696 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017460.D

Acq: 22 Feb 2024 16:01

Instrument :

MSVOA_Y

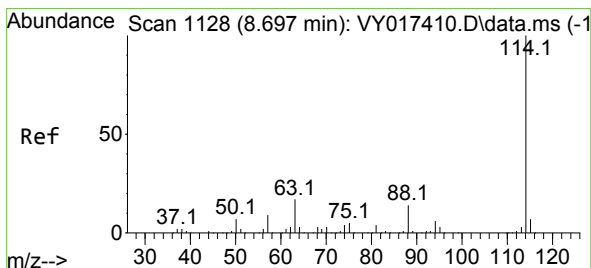
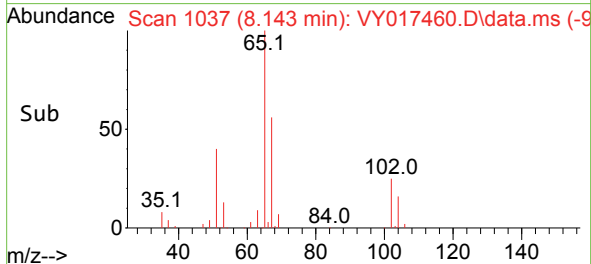
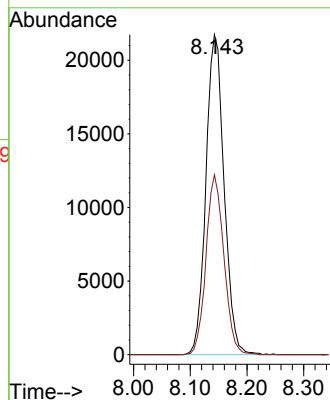
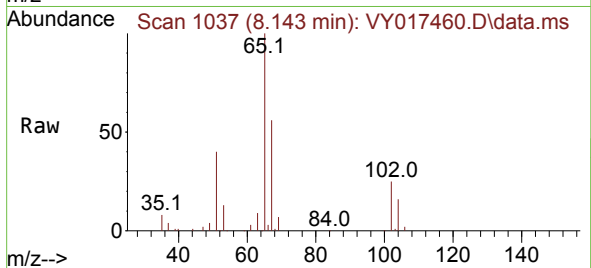
ClientSampleId :

Tgt Ion: 65 Resp: 48378

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017460.D

Acq: 22 Feb 2024 16:01

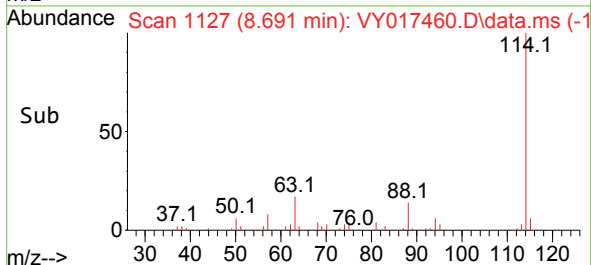
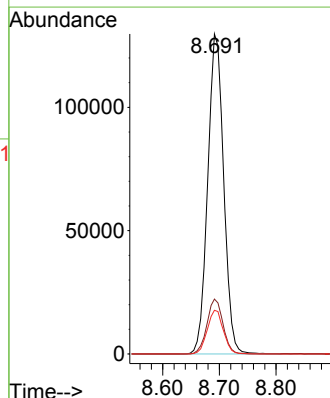
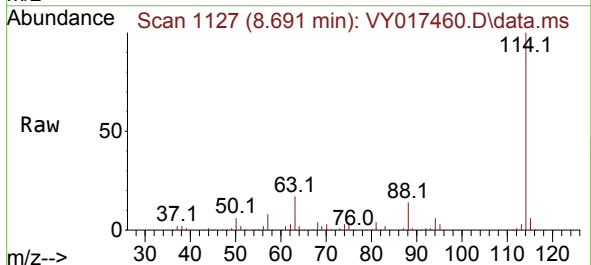
Tgt Ion:114 Resp: 253768

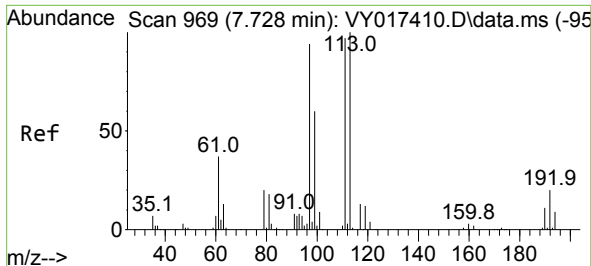
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

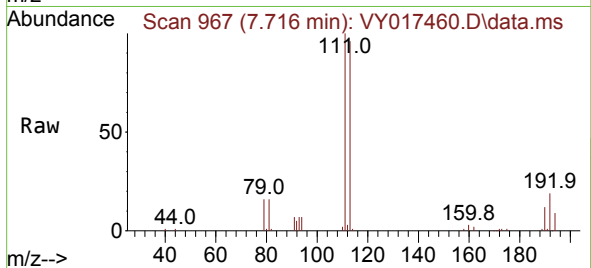
88 13.6 0.0 27.2



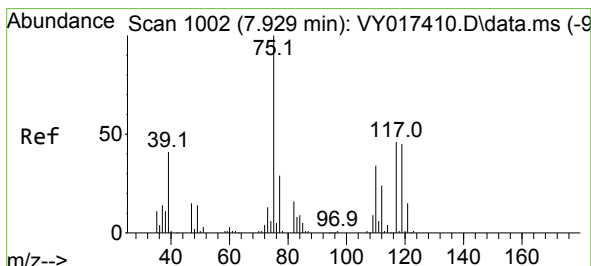
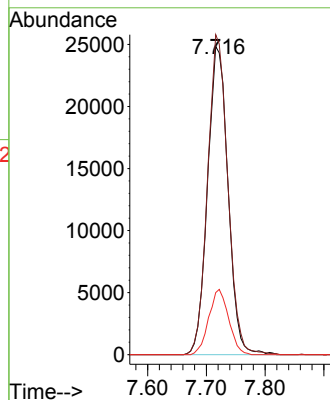
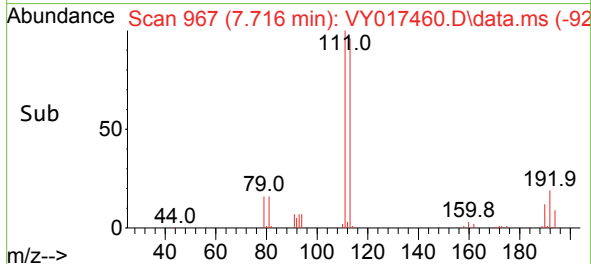


#35
Dibromofluoromethane
Concen: 40.495 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

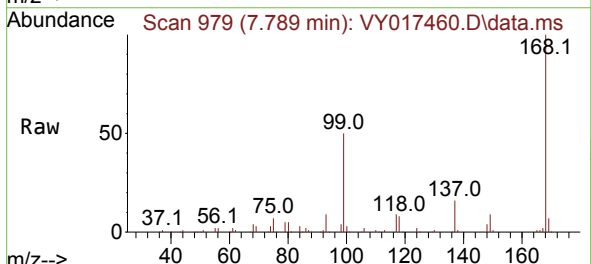
Instrument :
MSVOA_Y
ClientSampleId :



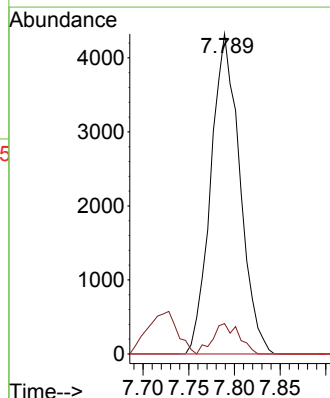
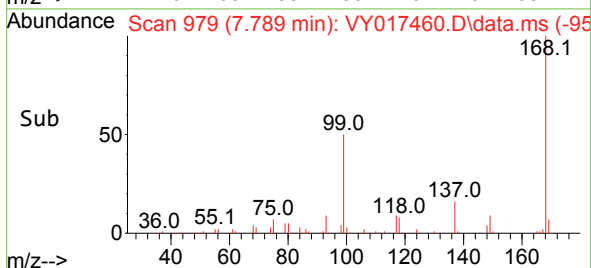
Tgt Ion:113 Resp: 60154
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.6 15.9 23.9

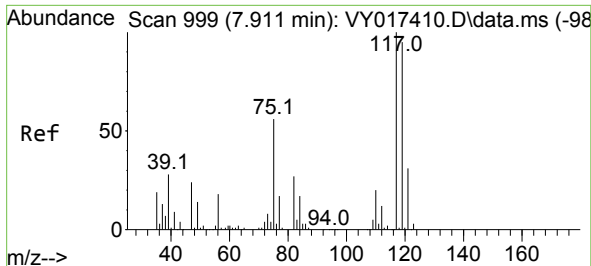


#36
1,1-Dichloropropene
Concen: 3.843 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01



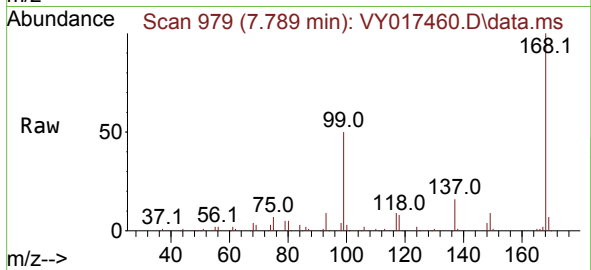
Tgt Ion: 75 Resp: 9534
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



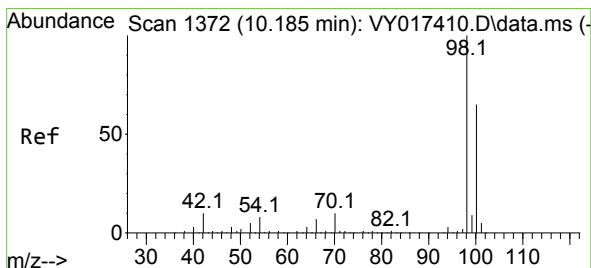
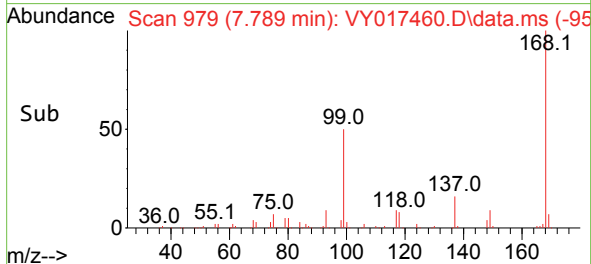
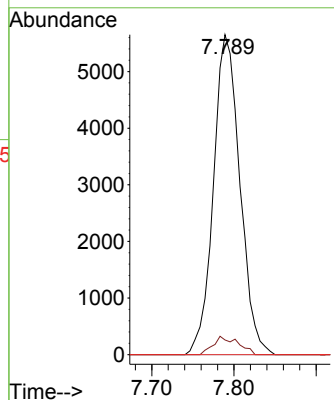


#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :

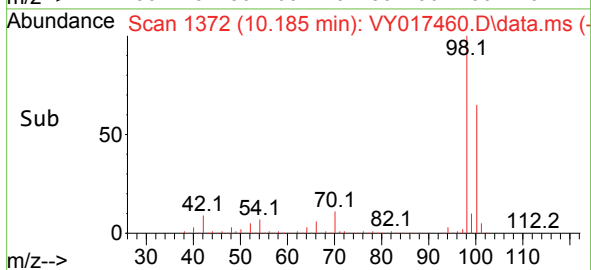
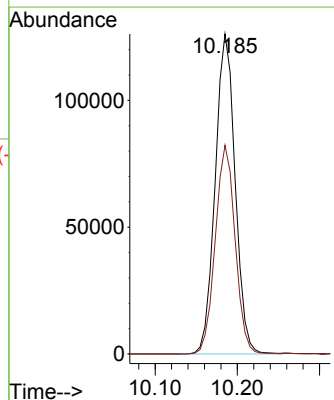
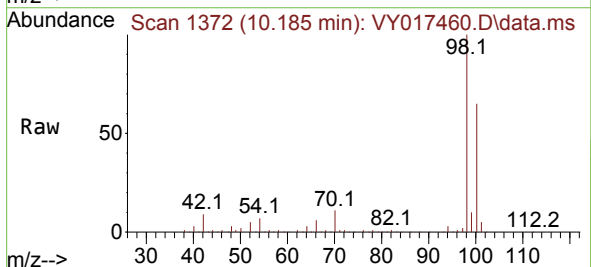


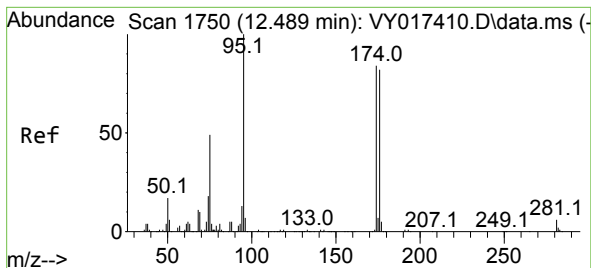
Tgt Ion:117 Resp: 12640
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 36.952 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion: 98 Resp: 212886
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

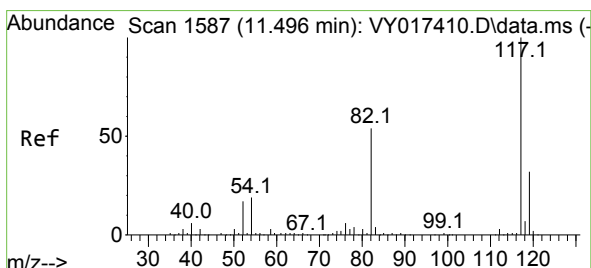
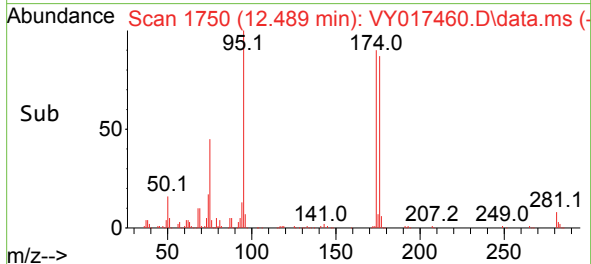
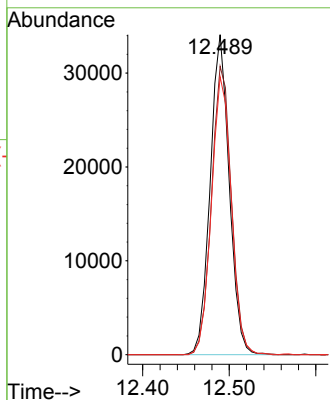
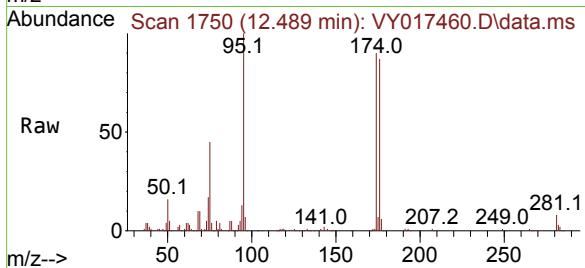




#62
4-Bromofluorobenzene
Concen: 27.904 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

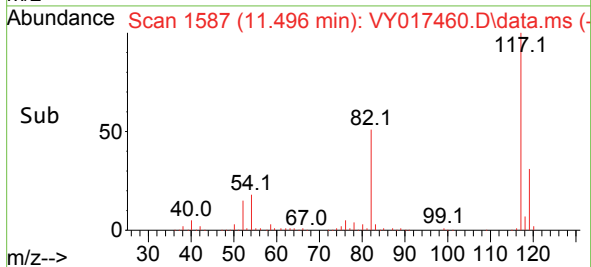
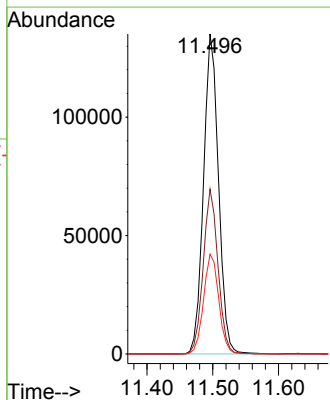
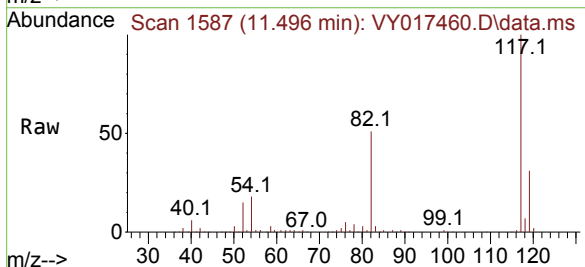
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ClientSampleId :

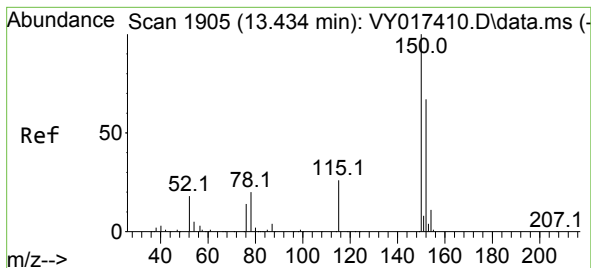
Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	175.6
176	90.6	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

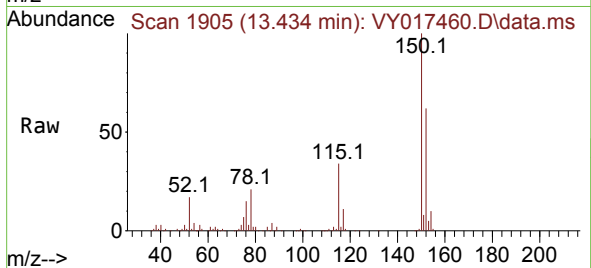
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.4	63.6
119	31.2	25.9	38.9



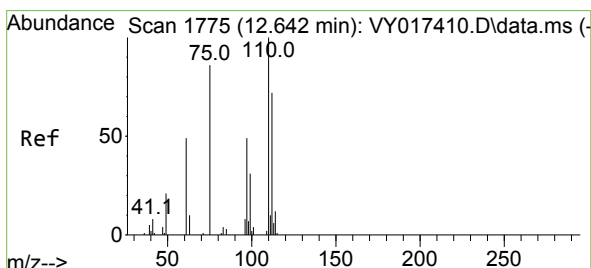
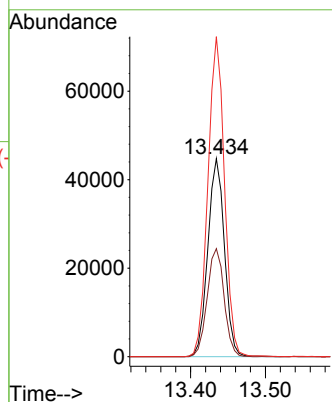
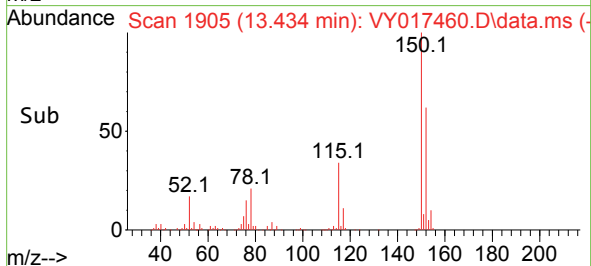


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017460.D
 Acq: 22 Feb 2024 16:01

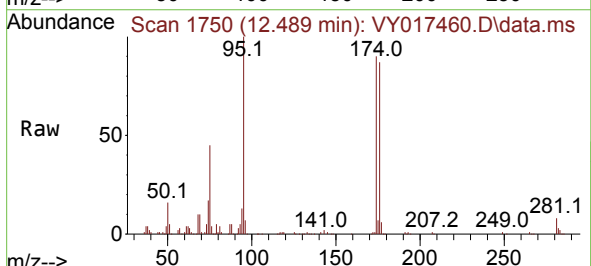
Instrument :
 MSVOA_Y
 ClientSampleId :



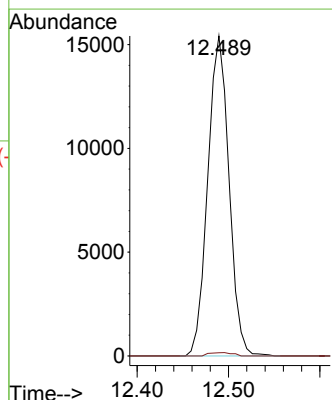
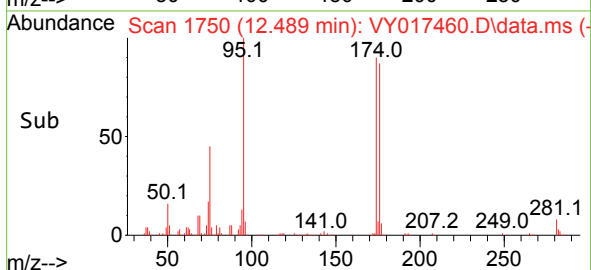
Tgt Ion:152 Resp: 69200
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 160.7 0.0 345.6

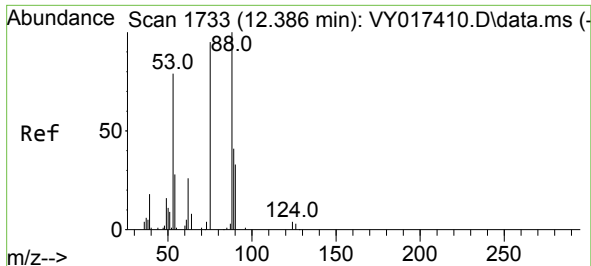


#76
 1,2,3-Trichloropropane
 Concen: 37.034 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017460.D
 Acq: 22 Feb 2024 16:01



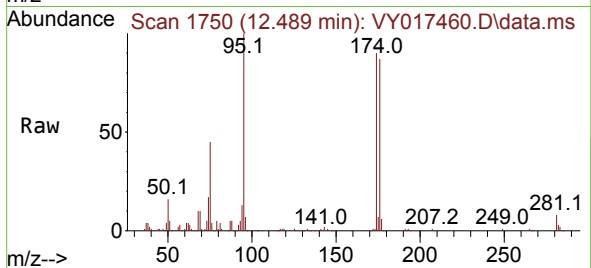
Tgt Ion: 75 Resp: 24848
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



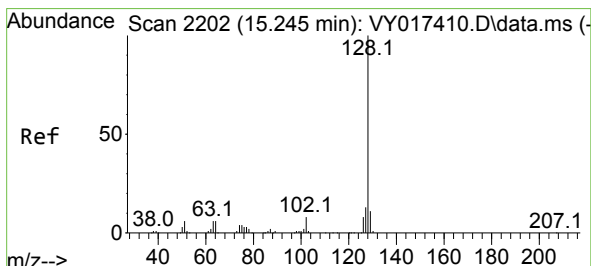
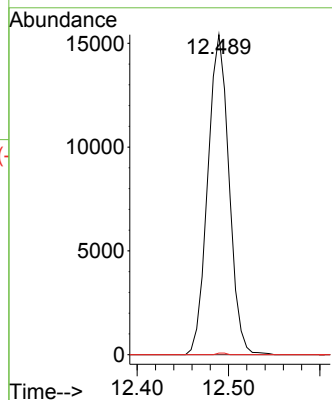
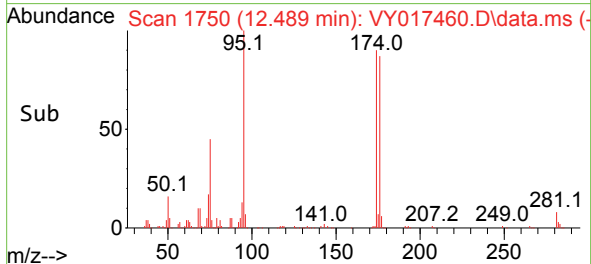


#81
trans-1,4-Dichloro-2-butene
Concen: 86.346 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#



#95
Naphthalene
Concen: 3.645 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017460.D
Acq: 22 Feb 2024 16:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

