

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017443.D
 Acq On : 21 Feb 2024 17:16
 Operator : SY/MD
 Sample : P1537-10
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10

Quant Time: Feb 22 03:40:41 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)

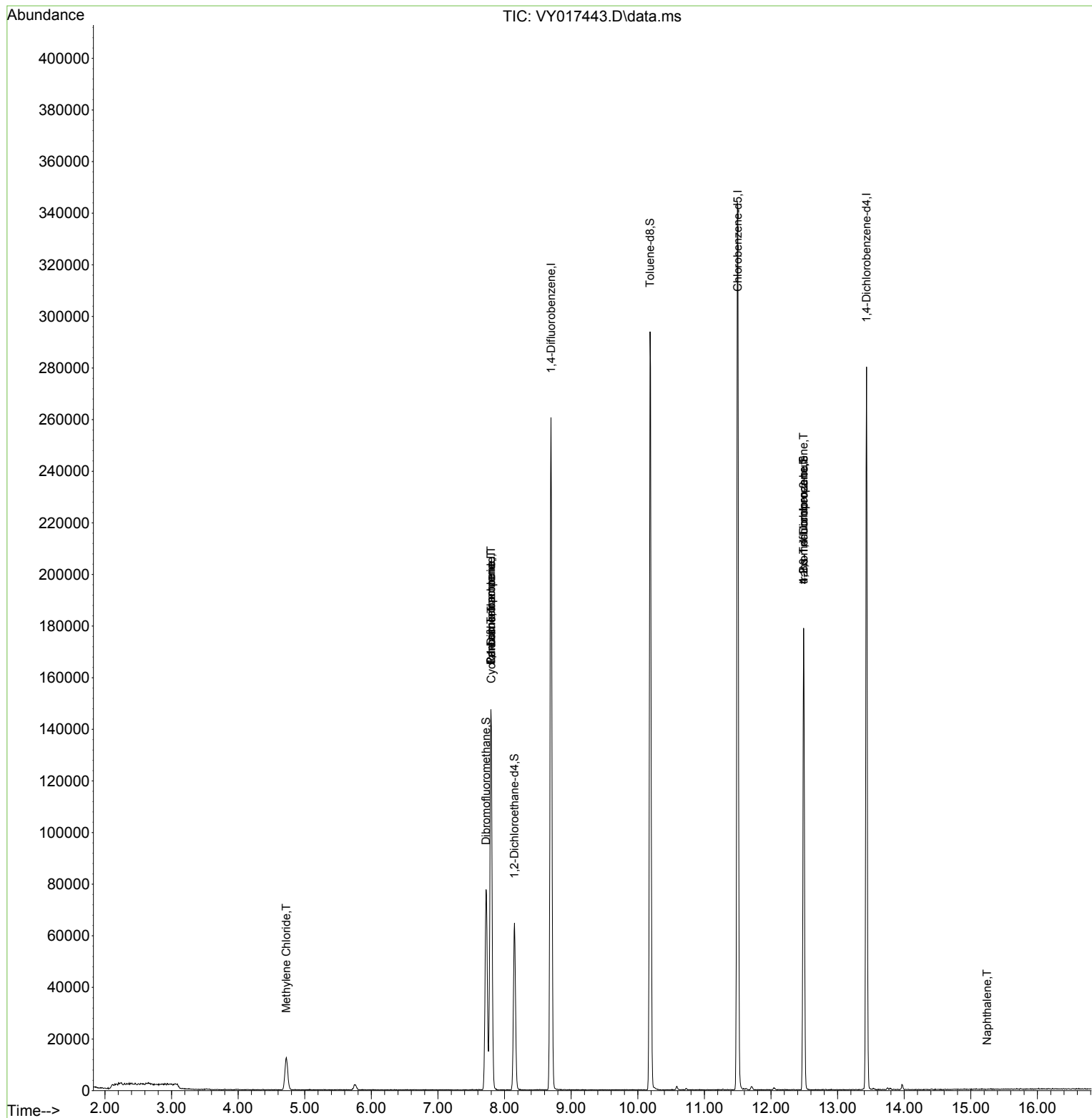
Internal Standards						
1) Pentafluorobenzene	7.795	168	123593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	207110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	48313	45.758	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.520%		
35) Dibromofluoromethane	7.722	113	56680	41.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.060%		
50) Toluene-d8	10.185	98	198760	37.551	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.100%		
62) 4-Bromofluorobenzene	12.489	95	52116	30.230	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	60.460%		
Target Compounds						
5) Bromomethane	2.674	94	237	Below Cal		83
20) Methylene Chloride	4.723	84	10367	1.498	ug/l	98
31) Cyclohexane	7.801	56	2095	1.002	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	8438	3.702	ug/l #	47
38) Carbon Tetrachloride	7.795	117	11468	5.053	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	26154	36.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26154	85.075	ug/l #	16
95) Naphthalene	15.245	128	116	3.588	ug/l #	69

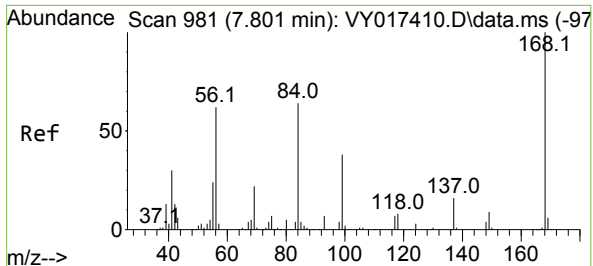
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

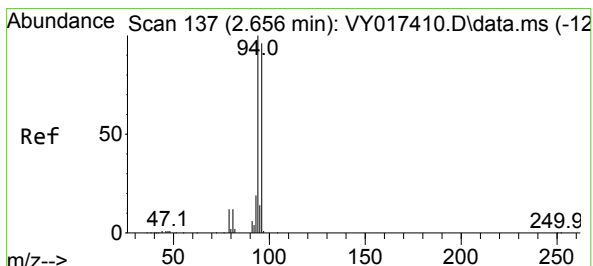
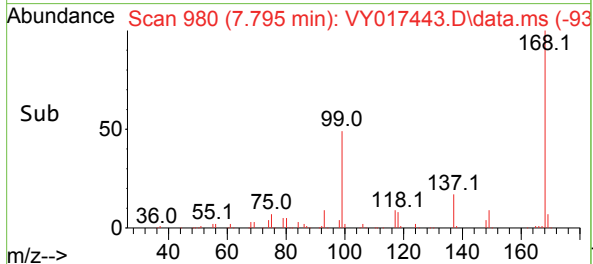
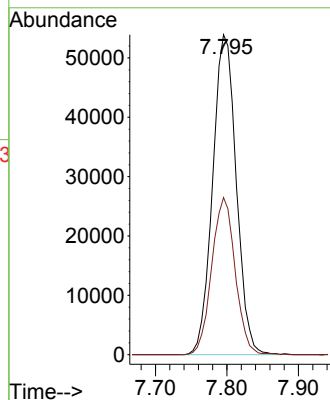
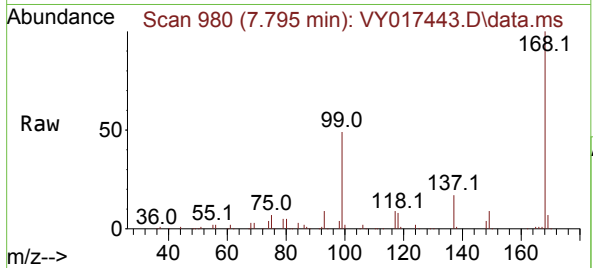




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

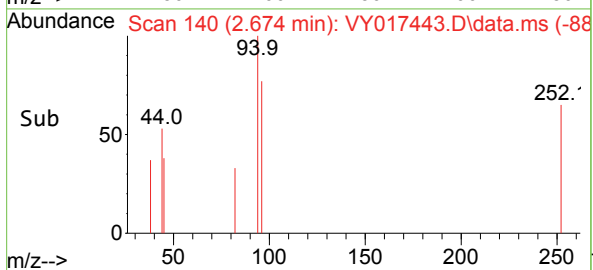
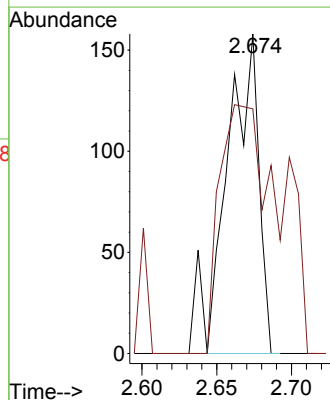
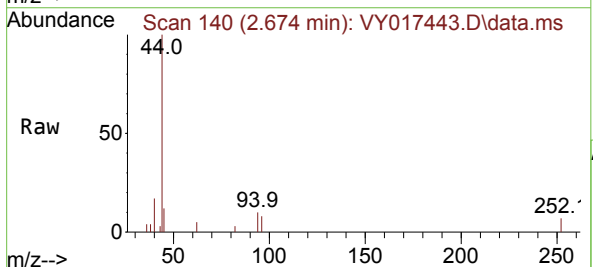
Instrument :
MSVOA_Y
ClientSampleId :
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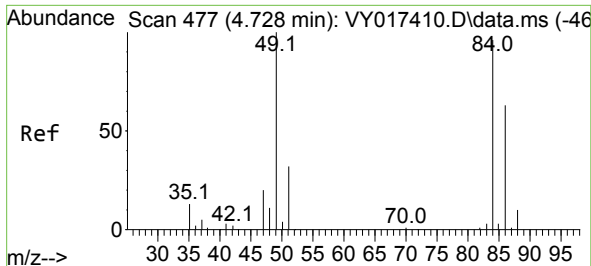
Tgt Ion:168 Resp: 123593
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

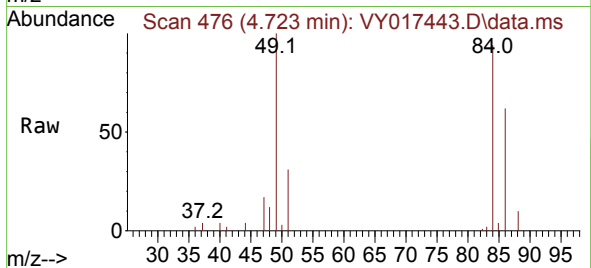
Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 76.6 74.1 111.1



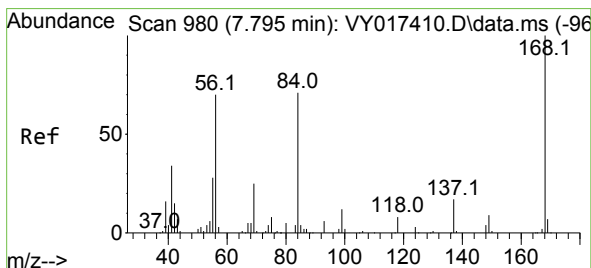
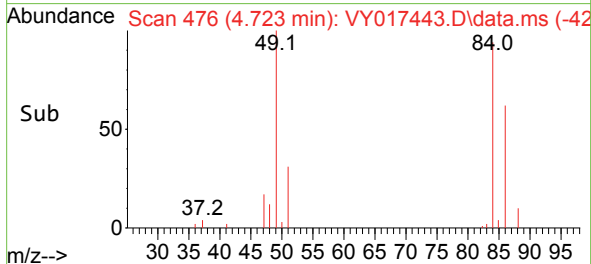
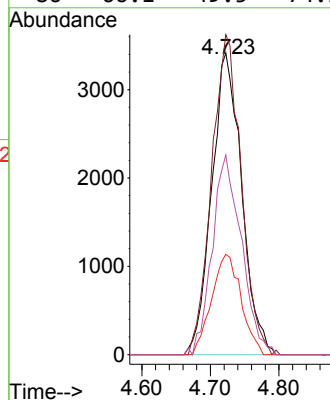


#20
Methylene Chloride
Concen: 1.498 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :
10

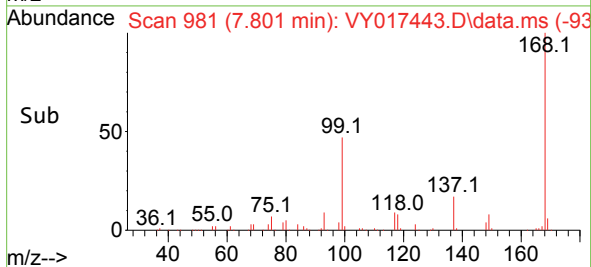
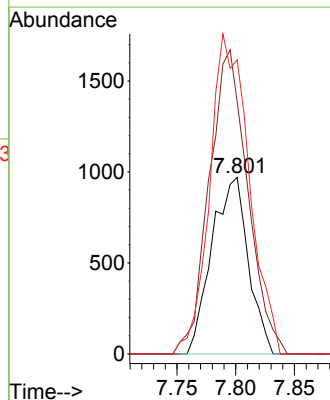
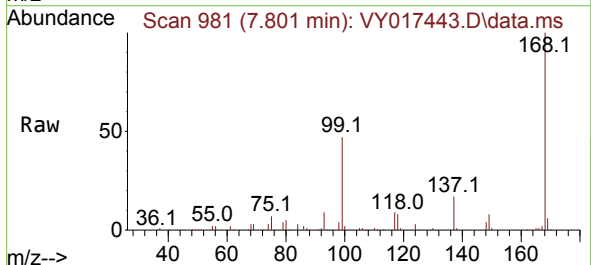


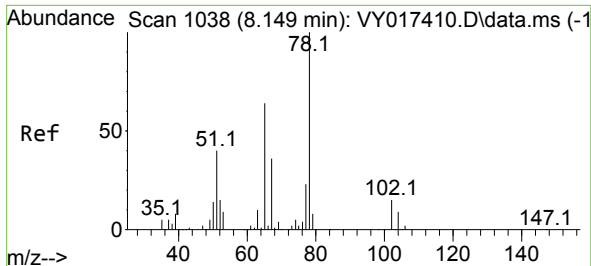
Tgt Ion: 84	Resp: 10367
Ion Ratio	Lower Upper
84 100	
49 106.0	84.4 126.6
51 33.2	26.0 39.0
86 66.1	49.5 74.3



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 56	Resp: 2095
Ion Ratio	Lower Upper
56 100	
69 136.2	28.7 43.1#
84 166.6	77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 45.758 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017443.D

Acq: 21 Feb 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

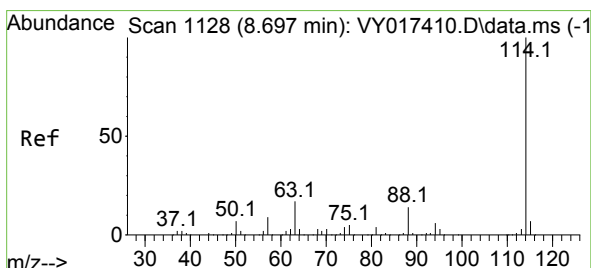
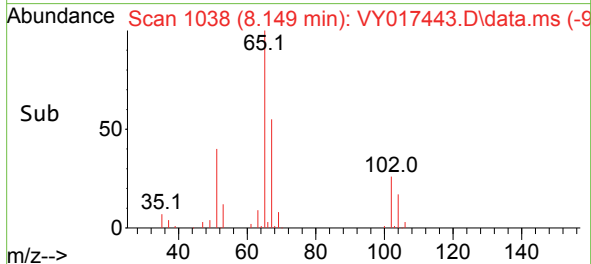
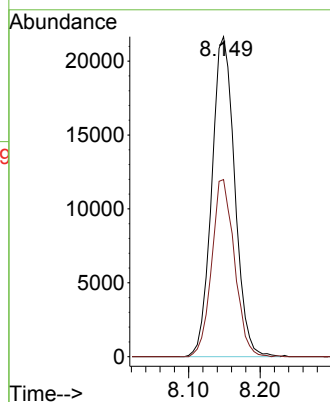
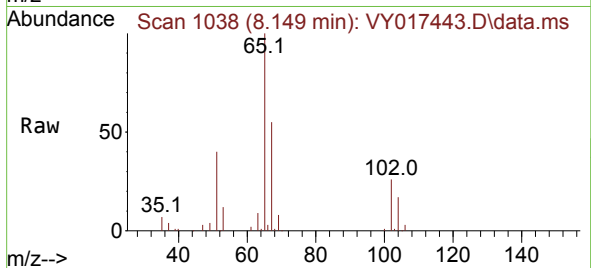
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Tgt Ion: 65 Resp: 48313

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017443.D

Acq: 21 Feb 2024 17:16

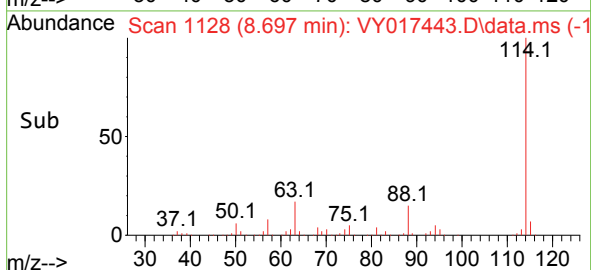
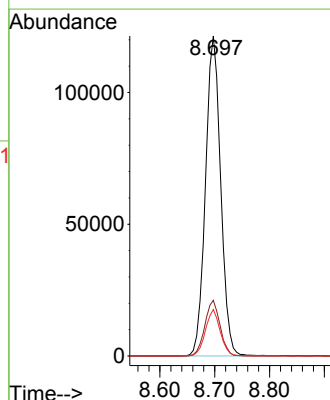
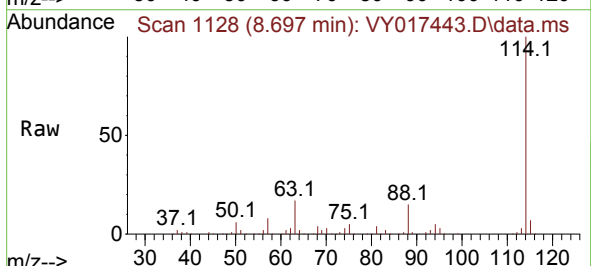
Tgt Ion: 114 Resp: 233150

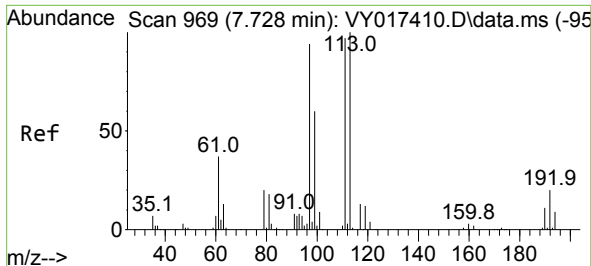
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.5 0.0 27.2

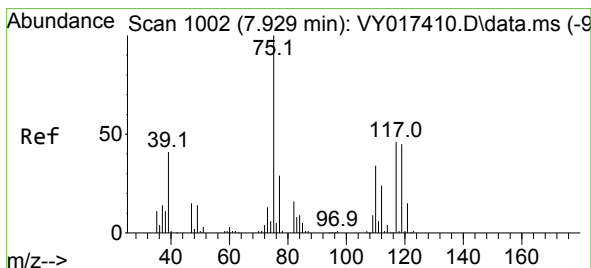
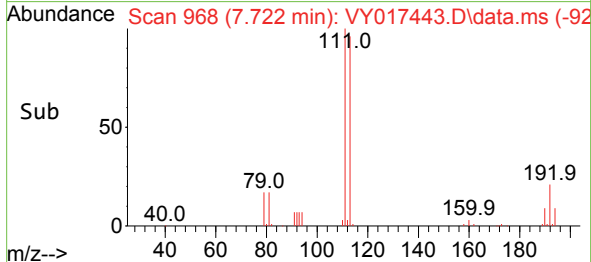
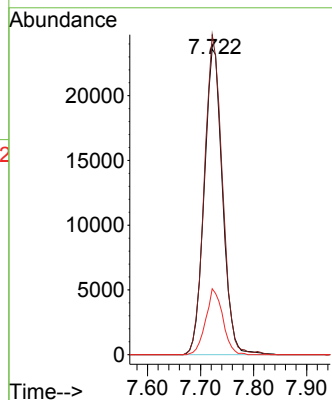
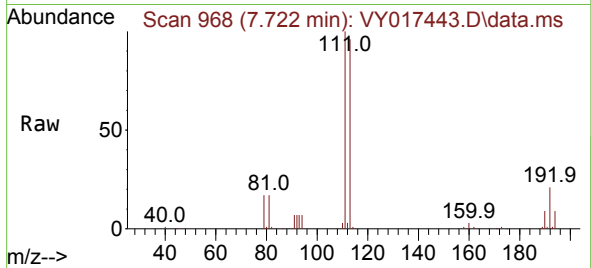




#35
Dibromofluoromethane
Concen: 41.531 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

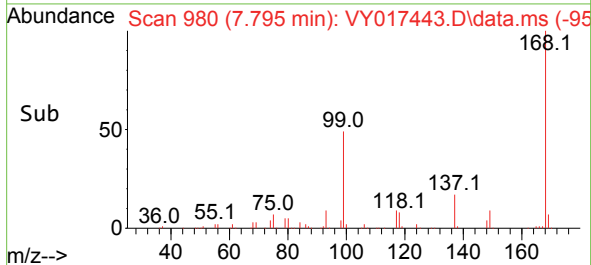
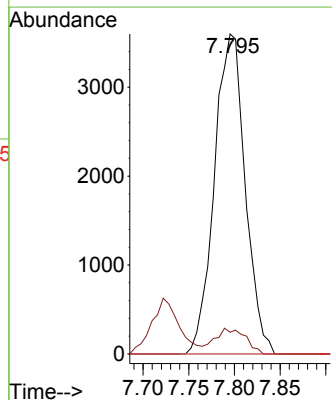
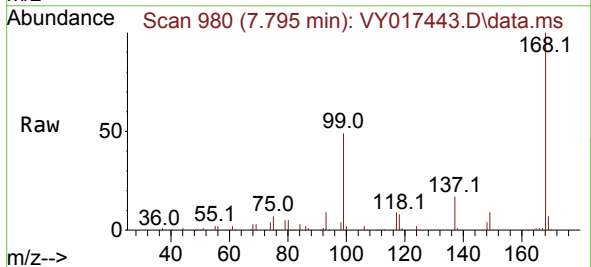
Instrument :
MSVOA_Y
ClientSampleId :
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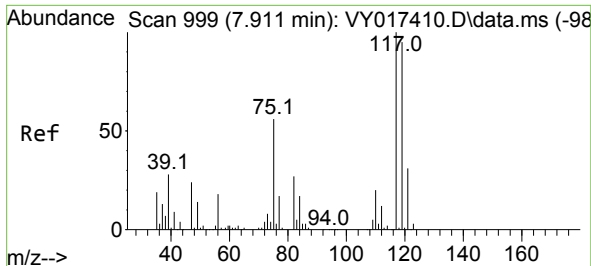
Tgt Ion:113 Resp: 56680
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.702 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 75 Resp: 8438
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#

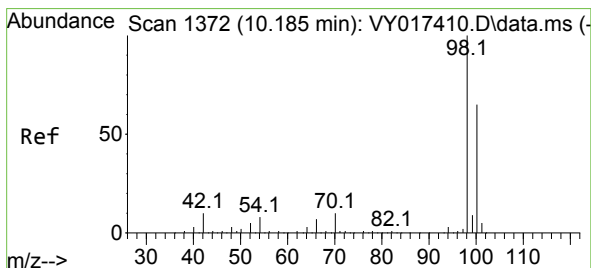
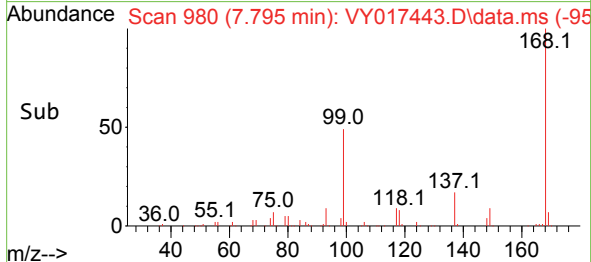
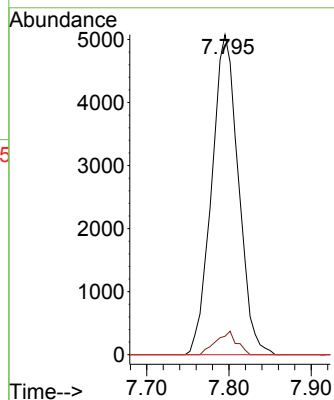
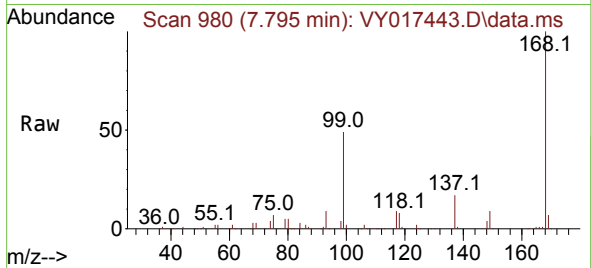




#38
Carbon Tetrachloride
Concen: 5.053 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.116 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

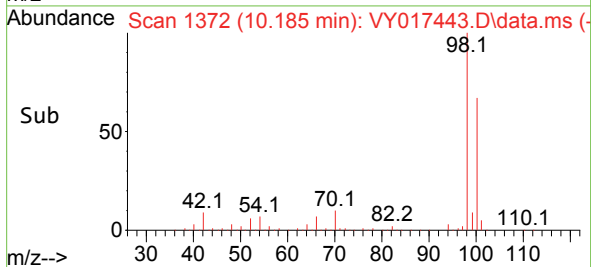
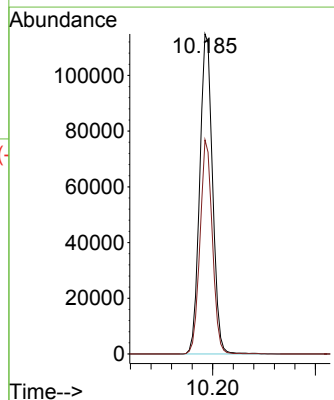
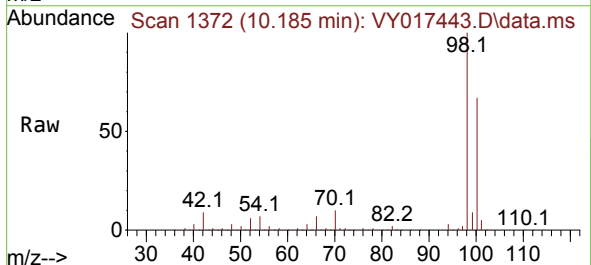
Instrument :
MSVOA_Y
ClientSampleId :
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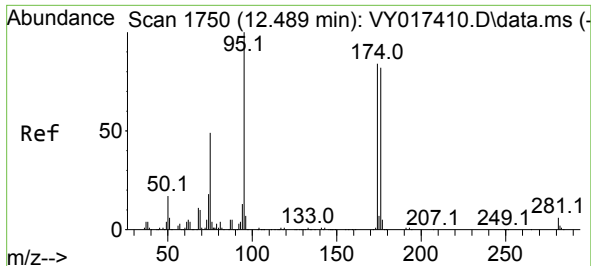
Tgt Ion:117 Resp: 11468
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 37.551 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 98 Resp: 198760
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

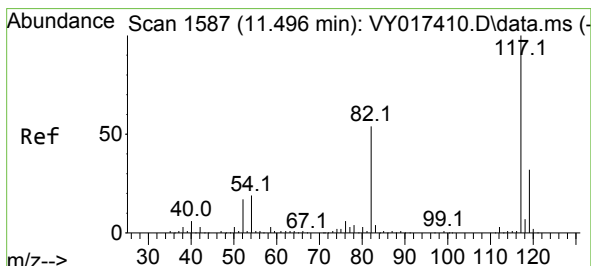
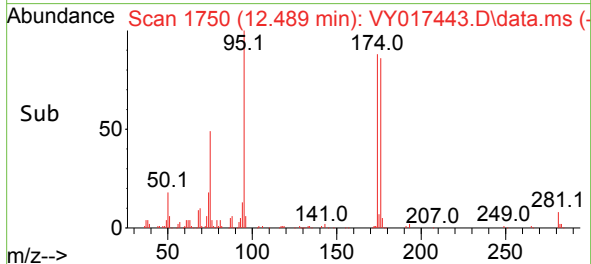
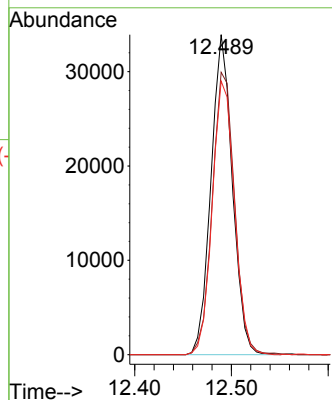
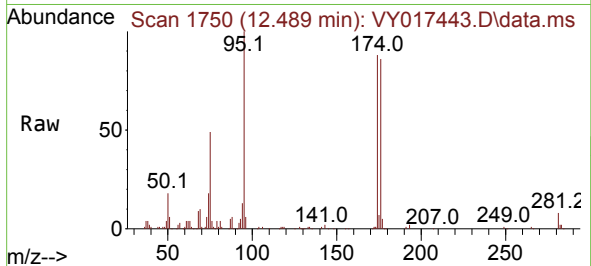




#62
4-Bromofluorobenzene
Concen: 30.230 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

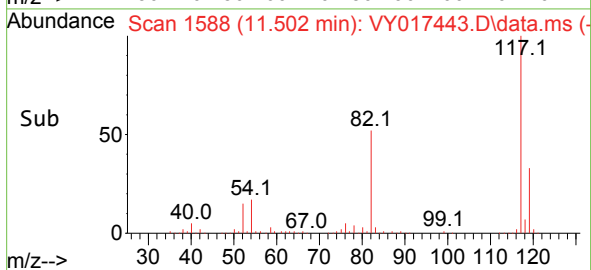
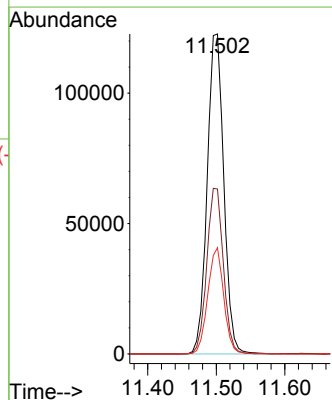
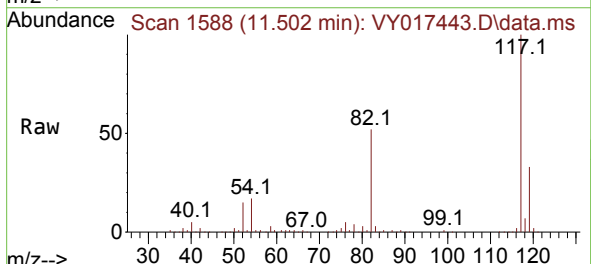
Instrument :
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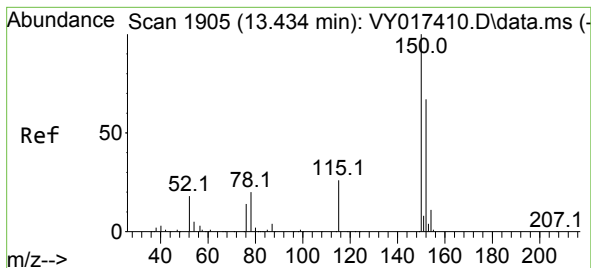
Tgt Ion:	95	Resp:	52116
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	175.6
176	88.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion:	117	Resp:	207110
Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.4	63.6
119	33.2	25.9	38.9

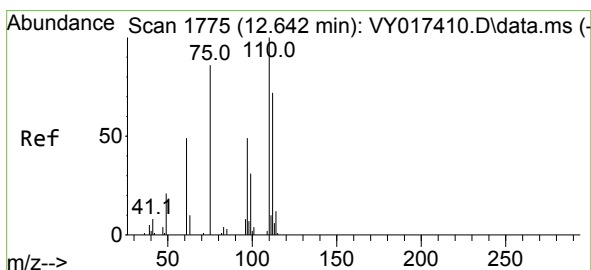
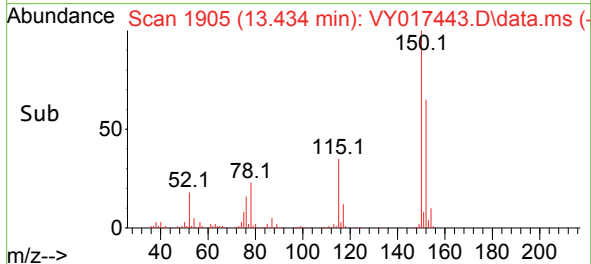
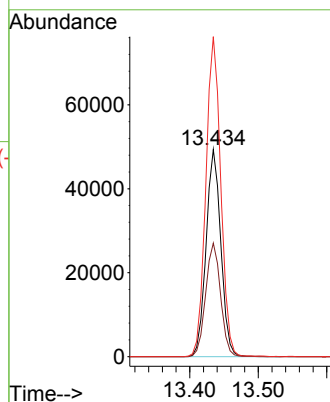
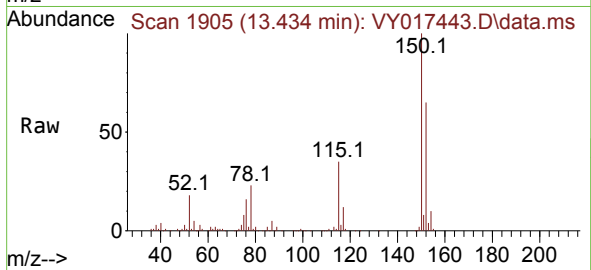




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

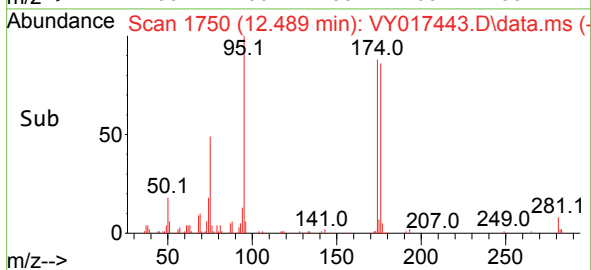
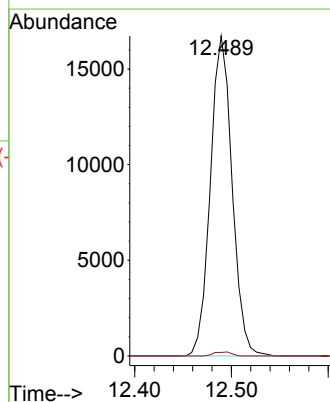
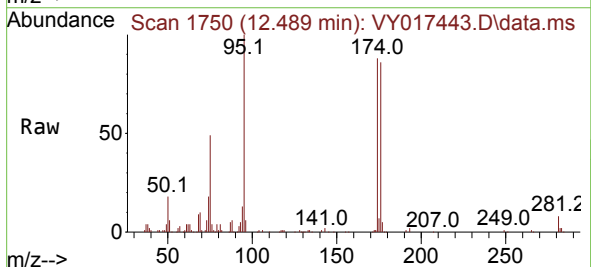
Instrument :
MSVOA_Y
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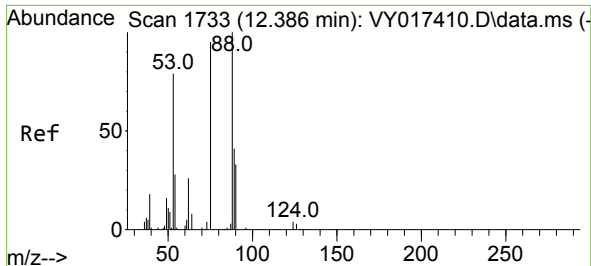
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	156.3	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 36.489 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

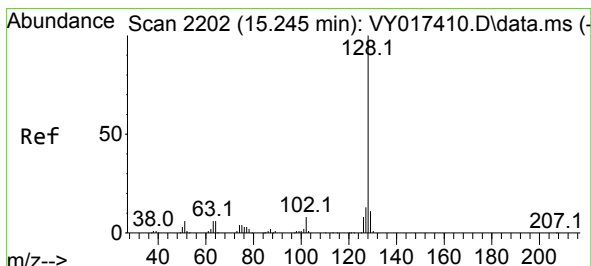
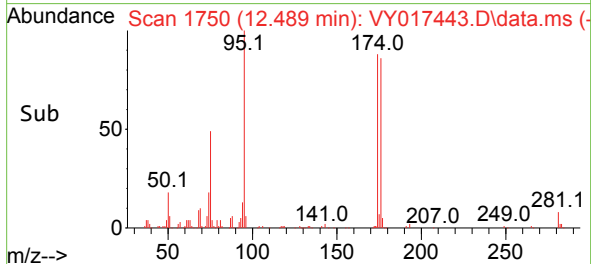
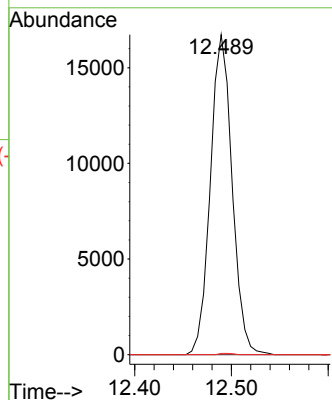
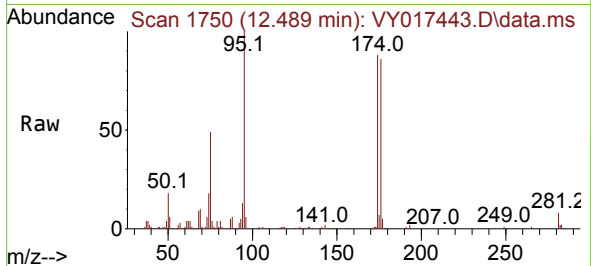




#81
trans-1,4-Dichloro-2-butene
Concen: 85.075 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :
10

Tgt Ion: 75 Resp: 26154
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#



#95
Naphthalene
Concen: 3.588 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 128 Resp: 116
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

