

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017341.D
 Acq On : 09 Feb 2024 15:56
 Operator : SY/MD
 Sample : P1423-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 09 22:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

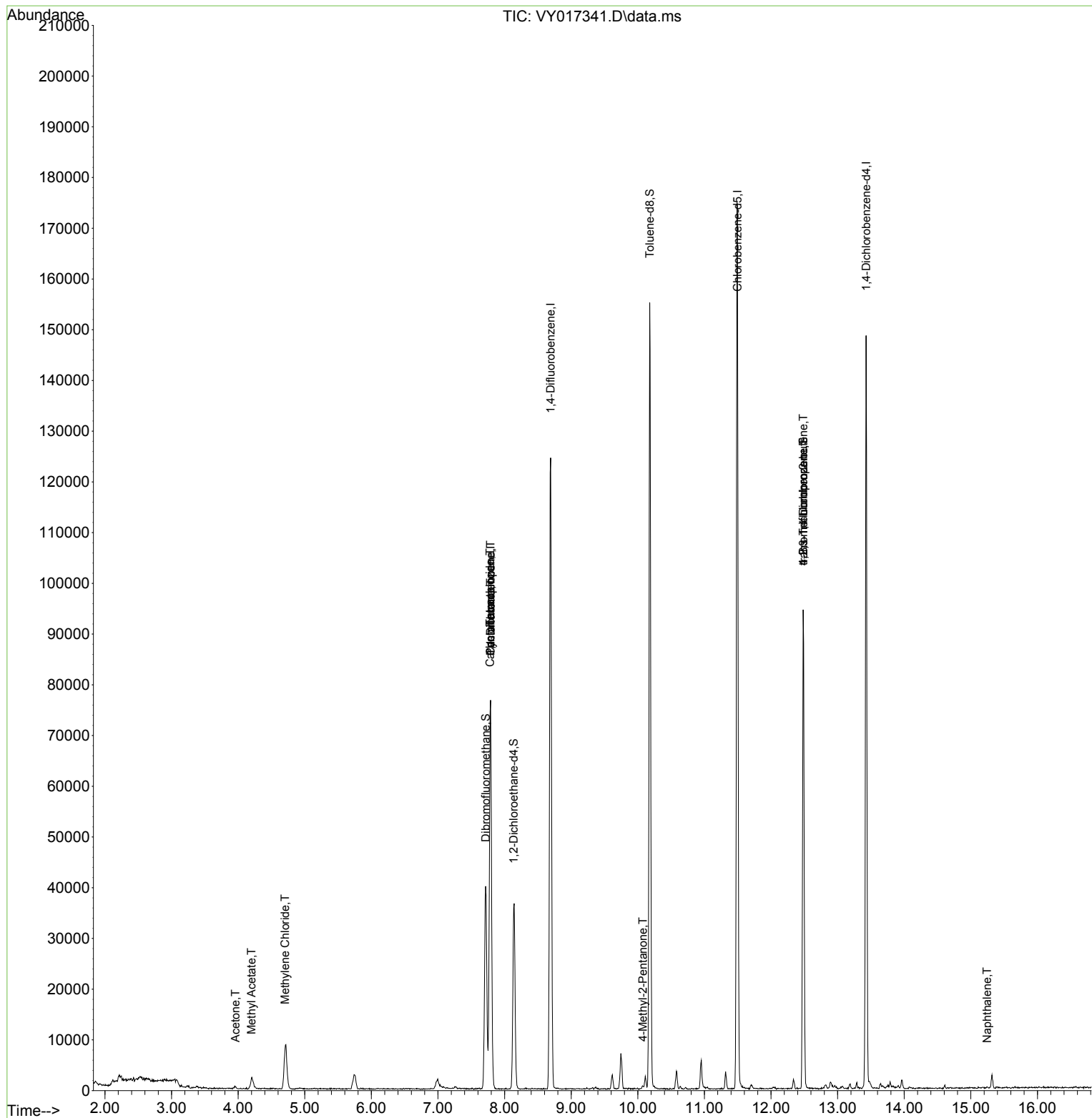
Internal Standards						
1) Pentafluorobenzene	7.789	168	58531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	111163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	98194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28254	54.035	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.080%	
35) Dibromofluoromethane	7.715	113	29243	48.721	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.440%	
50) Toluene-d8	10.178	98	101635	46.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.020%	
62) 4-Bromofluorobenzene	12.483	95	28082	39.228	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	21	Below Cal	#	75
16) Acetone	3.960	43	784	5.101	ug/l #	85
18) Methyl Acetate	4.198	43	887	2.587	ug/l #	51
20) Methylene Chloride	4.704	84	6355	7.090	ug/l	94
31) Cyclohexane	7.789	56	1316	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4994	4.824	ug/l #	49
38) Carbon Tetrachloride	7.782	117	5781	5.832	ug/l #	20
51) 4-Methyl-2-Pentanone	10.075	43	542	1.189	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	14593	44.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14593	92.215	ug/l #	12
95) Naphthalene	15.245	128	159	3.580	ug/l #	69

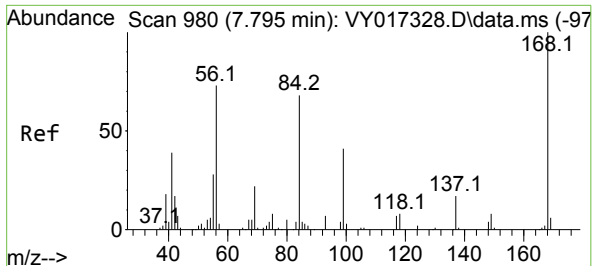
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Feb 09 22:04:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

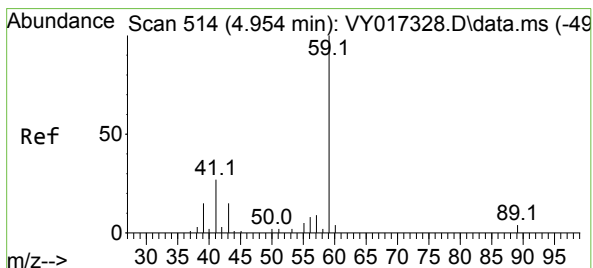
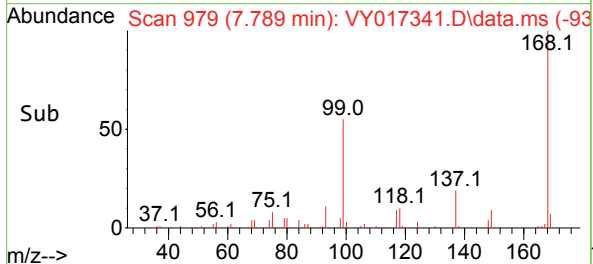
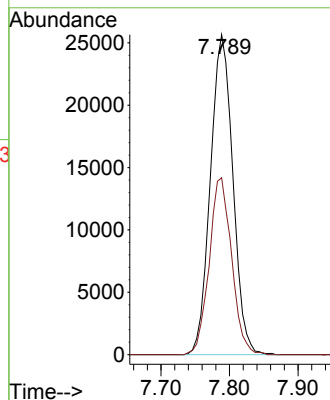
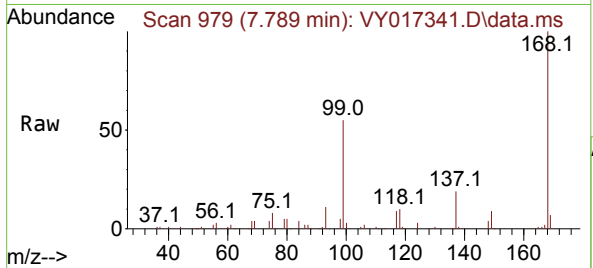




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

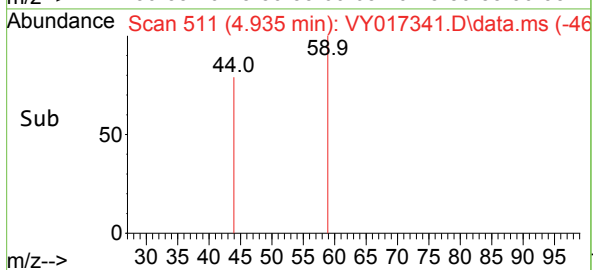
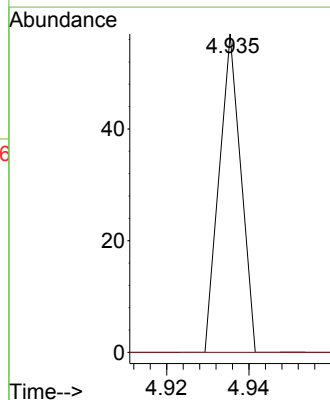
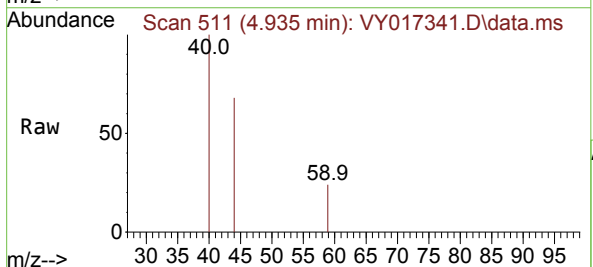
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

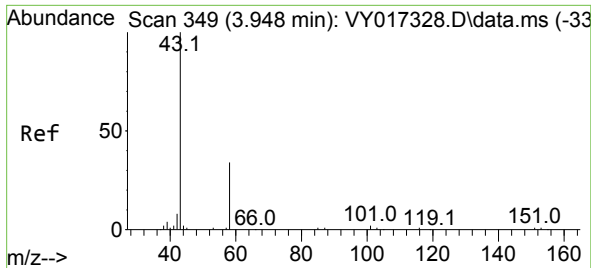
Tgt Ion:168 Resp: 58531
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.025 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

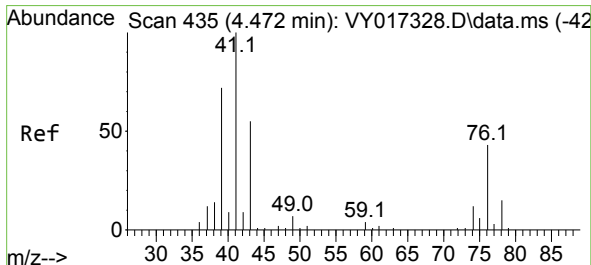
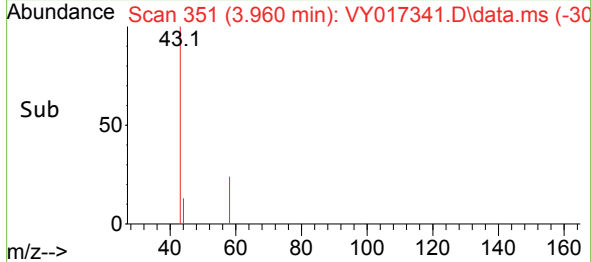
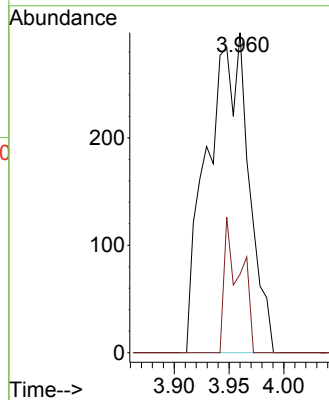
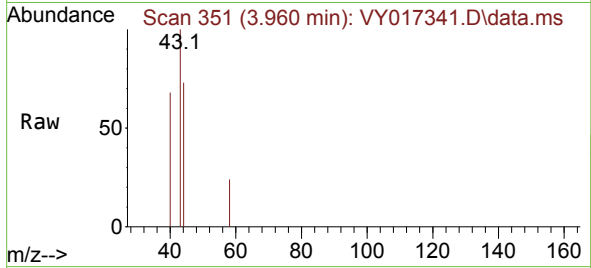




#16
Acetone
Concen: 5.101 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

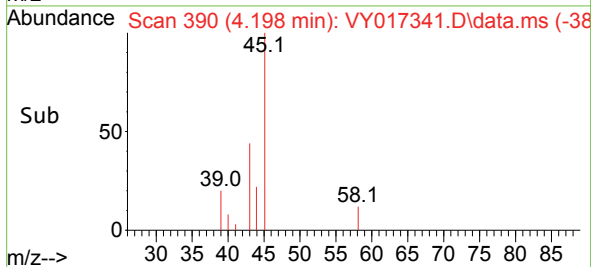
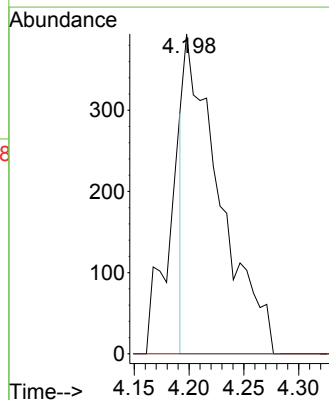
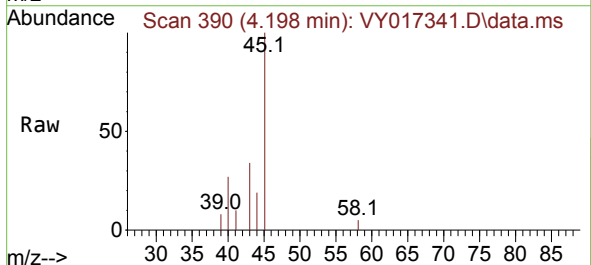
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

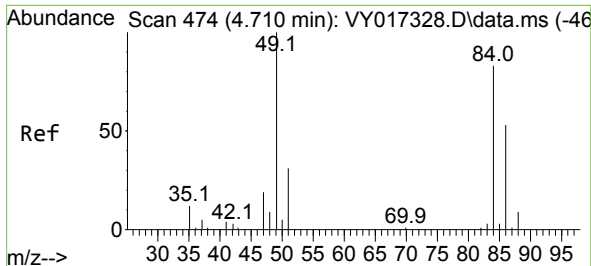
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 24.5 26.6 39.8#



#18
Methyl Acetate
Concen: 2.587 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.287 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

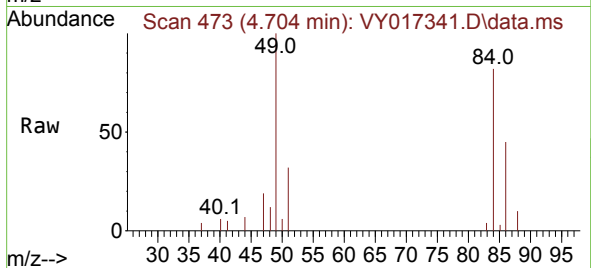
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



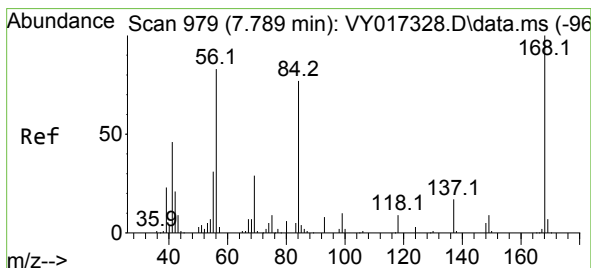
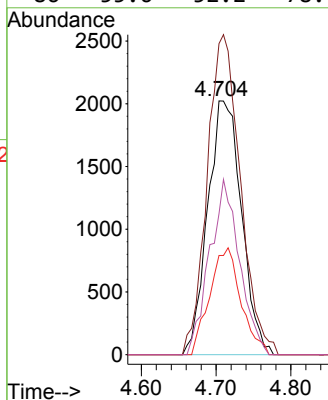
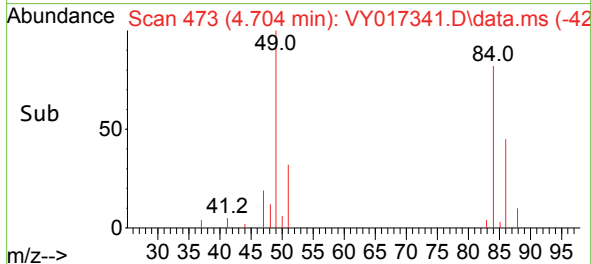


#20
Methylene Chloride
Concen: 7.090 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

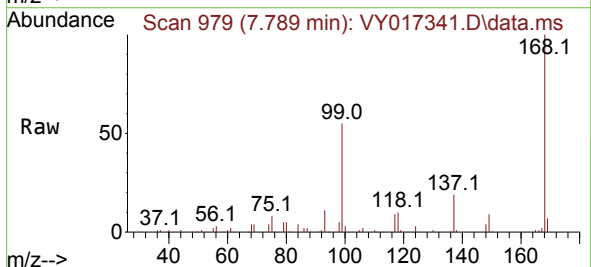
Instrument :
MSVOA_Y
ClientSampleId :
TP-3



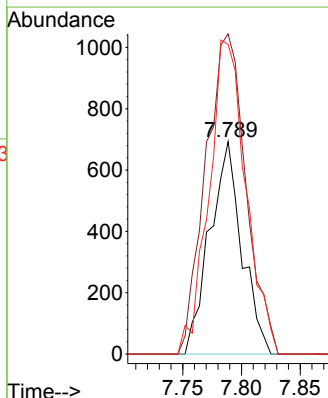
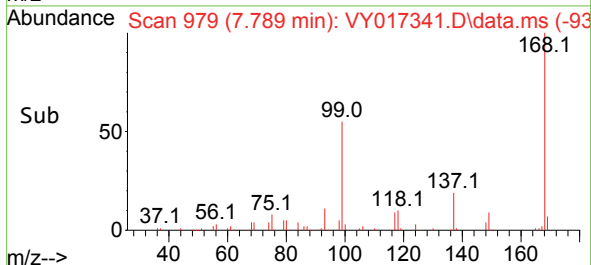
Tgt Ion: 84	Resp: 6355
Ion Ratio	Lower Upper
84 100	
49 122.6	95.2 142.8
51 39.1	29.9 44.9
86 55.6	52.2 78.4

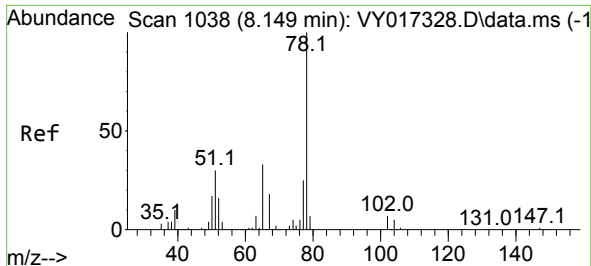


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56



Tgt Ion: 56	Resp: 1316
Ion Ratio	Lower Upper
56 100	
69 150.6	27.0 40.6#
84 145.7	71.8 107.6#

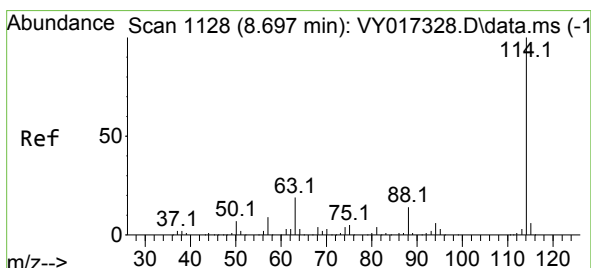
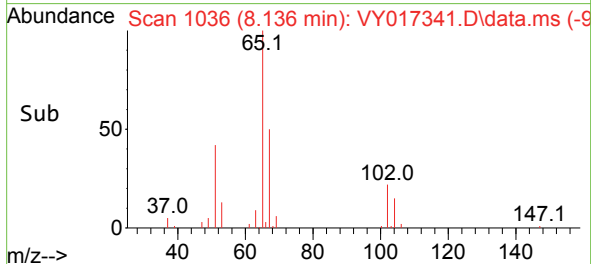
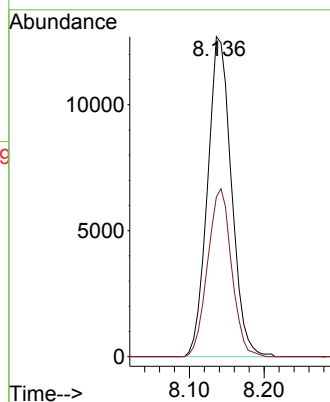
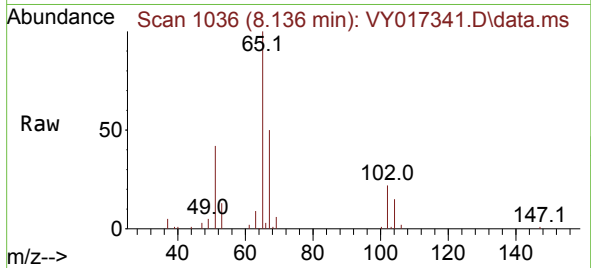




#33
 1,2-Dichloroethane-d4
 Concen: 54.035 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY017341.D
 Acq: 09 Feb 2024 15:56

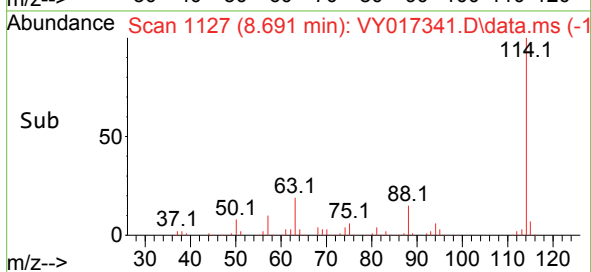
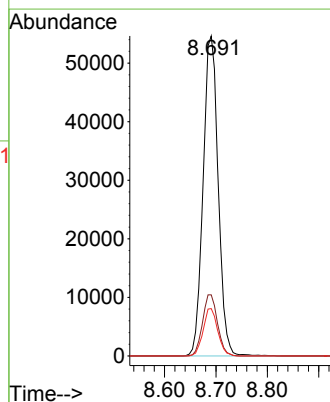
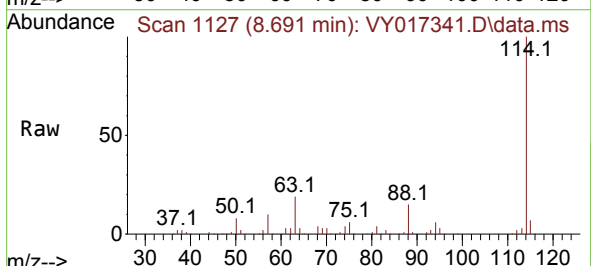
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

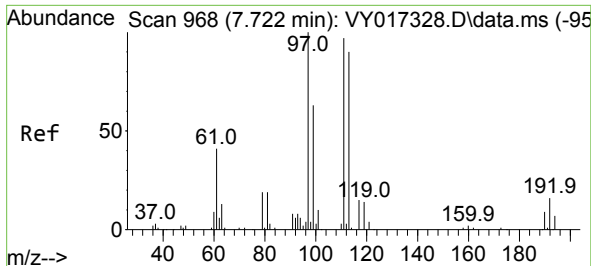
Tgt Ion: 65 Resp: 28254
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY017341.D
 Acq: 09 Feb 2024 15:56

Tgt Ion: 114 Resp: 111163
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 14.8 0.0 29.0

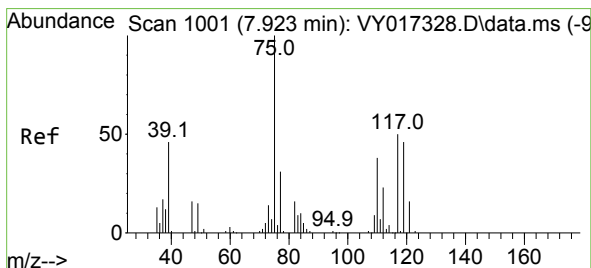
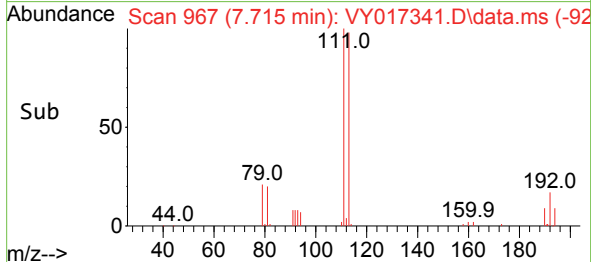
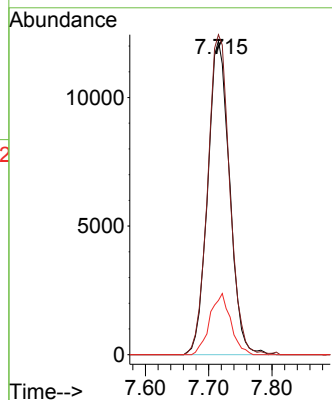
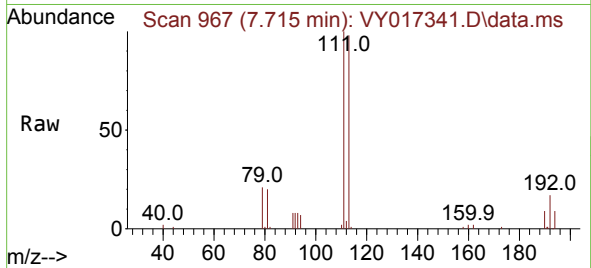




#35
Dibromofluoromethane
Concen: 48.721 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

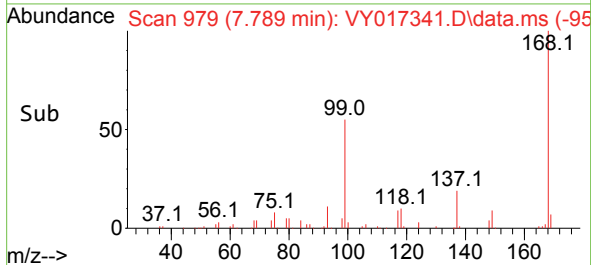
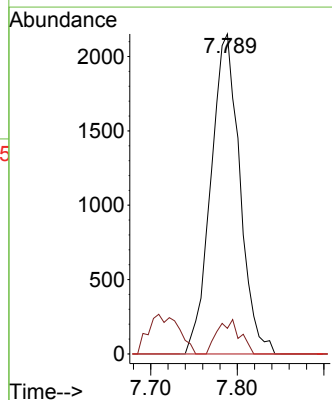
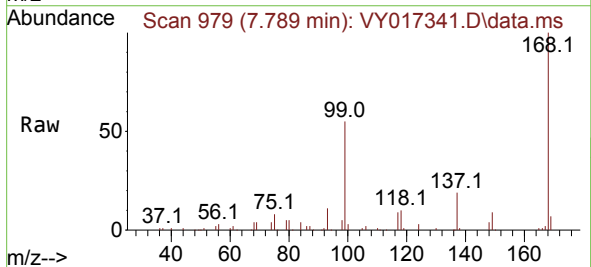
Instrument :
MSVOA_Y
ClientSampleId :
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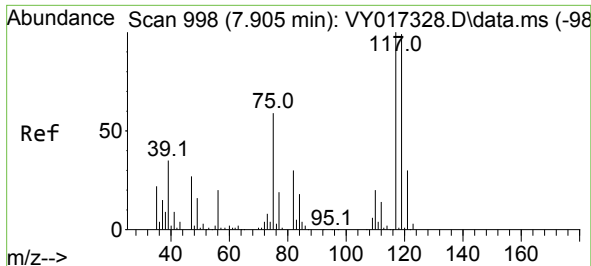
Tgt Ion:113 Resp: 29243
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion: 75 Resp: 4994
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#

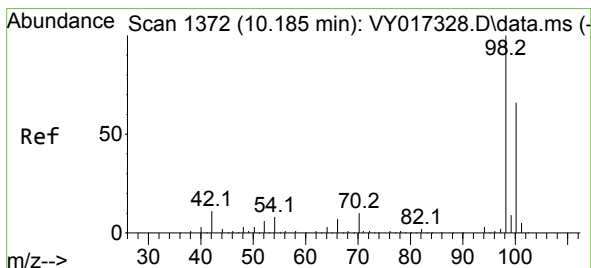
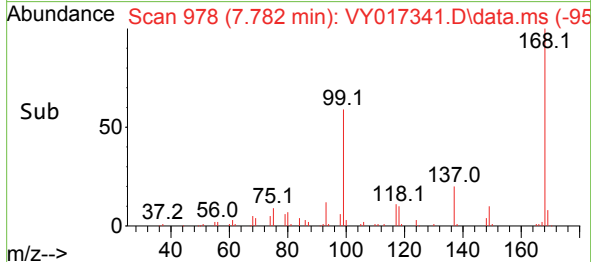
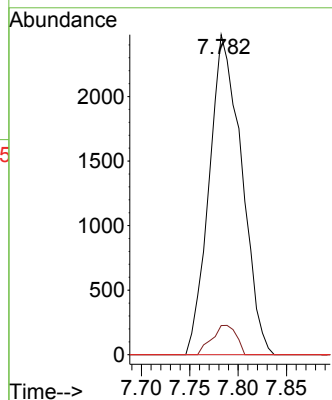
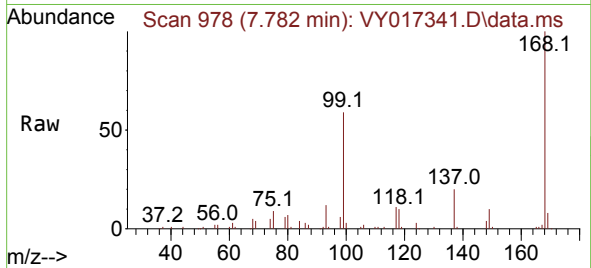




#38
Carbon Tetrachloride
Concen: 5.832 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

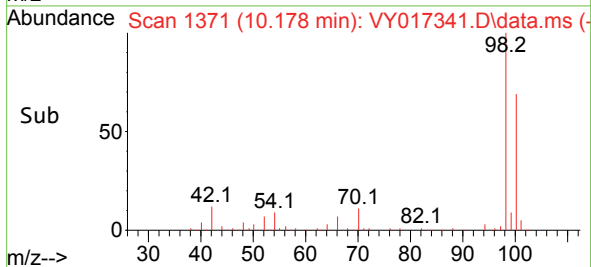
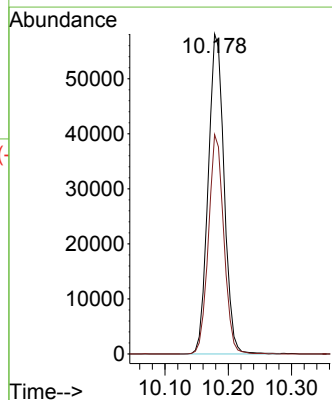
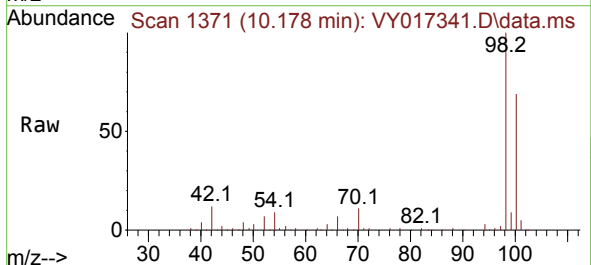
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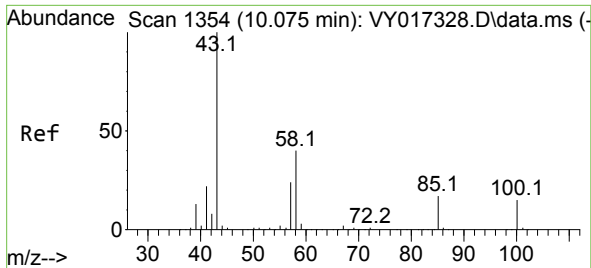
Tgt Ion:117 Resp: 5781
Ion Ratio Lower Upper
117 100
119 9.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.508 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion: 98 Resp: 101635
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5

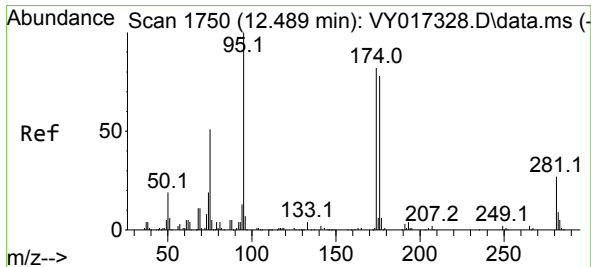
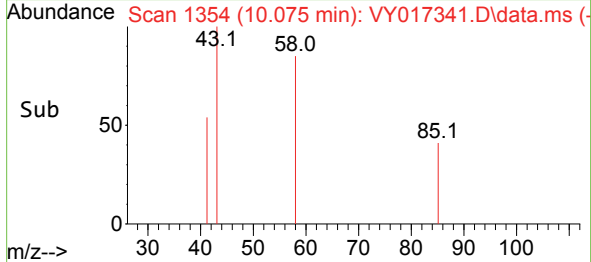
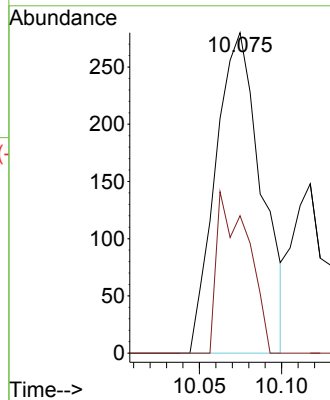
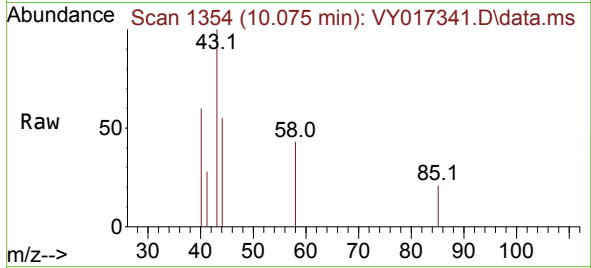




#51
4-Methyl-2-Pentanone
Concen: 1.189 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

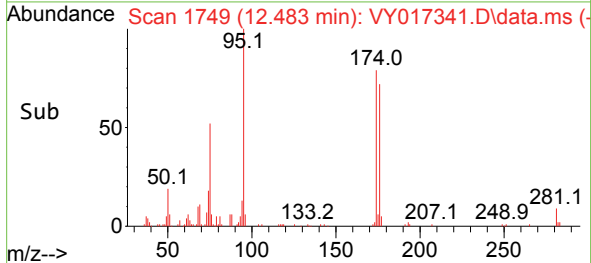
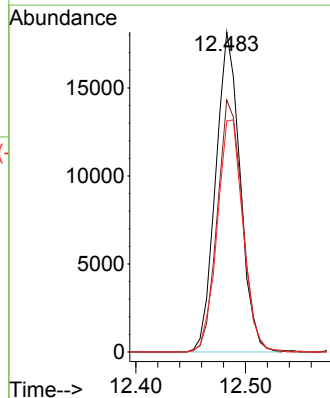
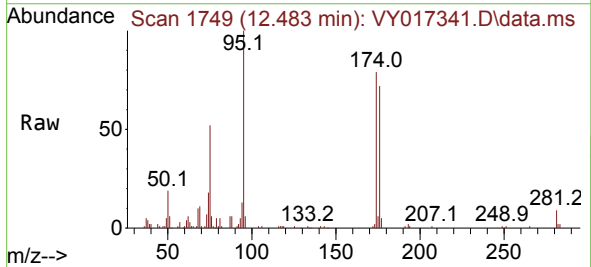
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

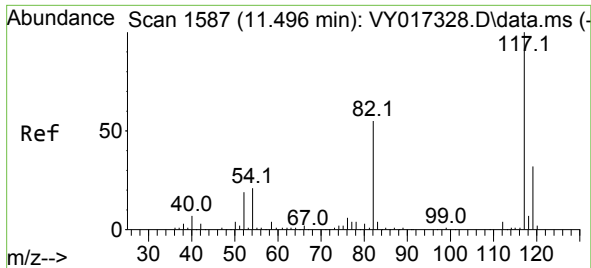
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 34.5 32.2 48.2



#62
4-Bromofluorobenzene
Concen: 39.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion: 95 Resp: 28082
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.0
176 76.9 0.0 151.8

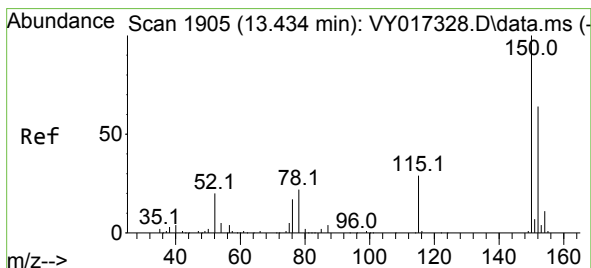
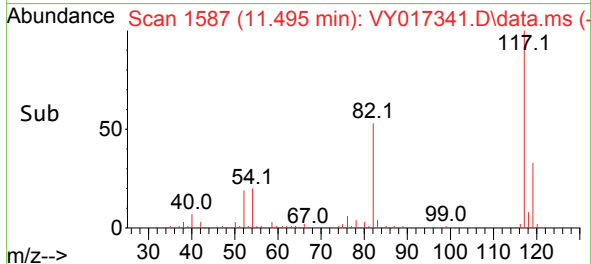
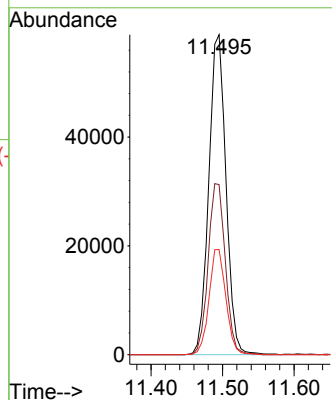
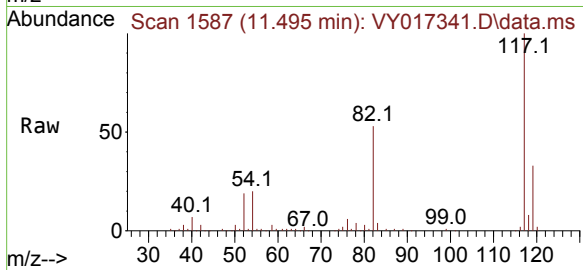




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

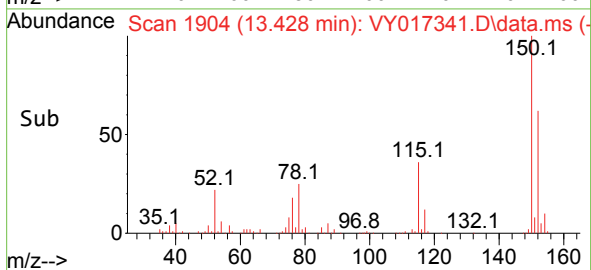
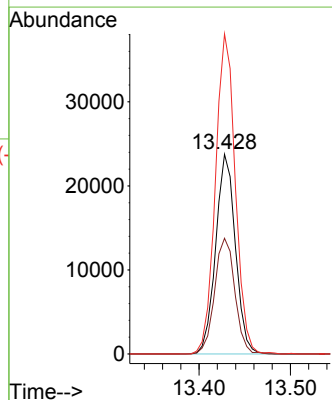
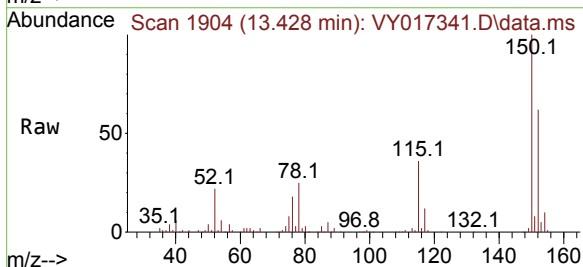
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

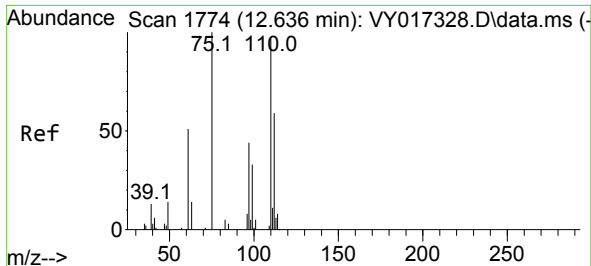
Tgt Ion:117 Resp: 98194
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion:152 Resp: 35626
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 161.1 0.0 344.6

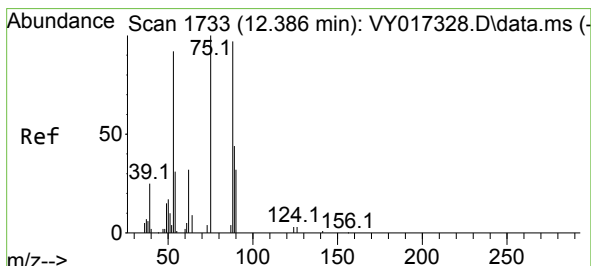
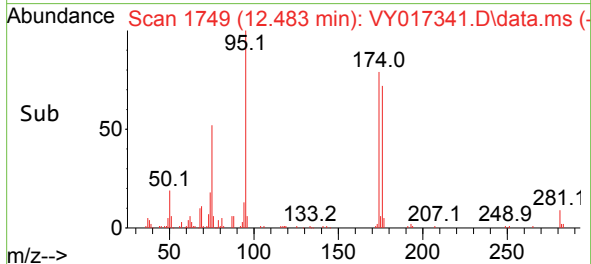
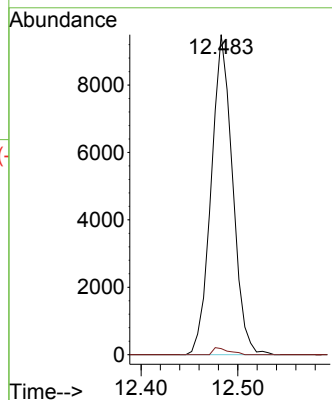
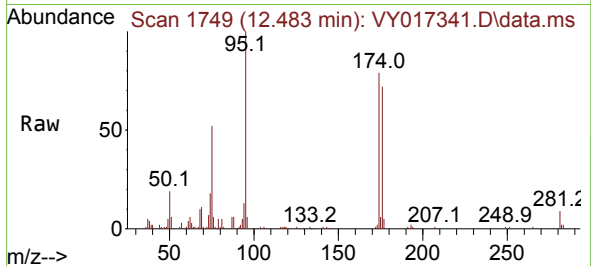




#76
1,2,3-Trichloropropane
Concen: 44.380 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

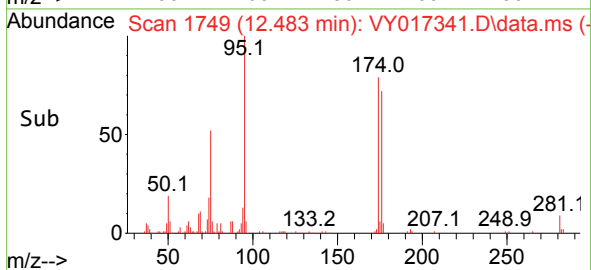
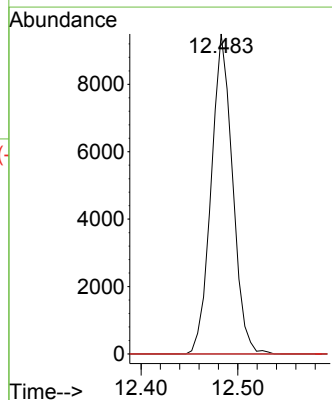
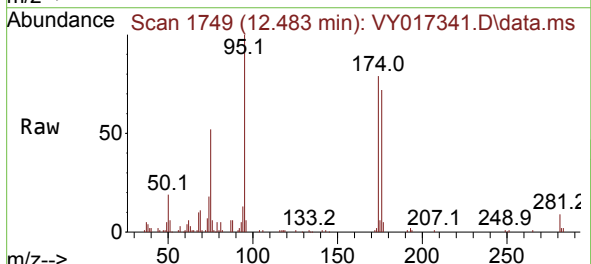
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

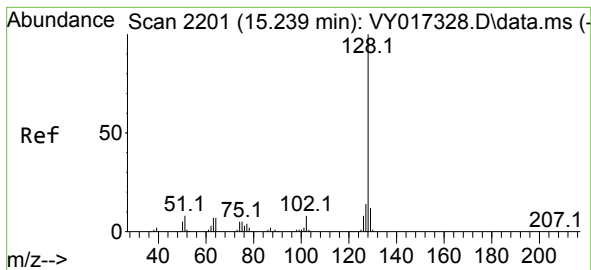
Tgt Ion: 75 Resp: 14593
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017341.D
Acq: 09 Feb 2024 15:56

Tgt Ion: 75 Resp: 14593
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.580 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017341.D

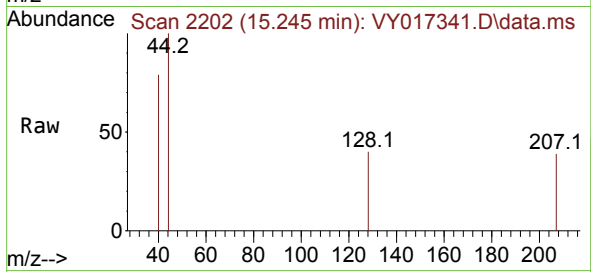
Acq: 09 Feb 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-3



Tgt Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

