

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017192.D
 Acq On : 02 Feb 2024 18:22
 Operator : SY/MD
 Sample : P1297-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-013024

Quant Time: Feb 02 22:33:36 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	7.795	168	62552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	124975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	118684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	44052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	27069	48.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.722	113	29441	43.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.185	98	109162	44.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.489	95	32197	40.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.020%

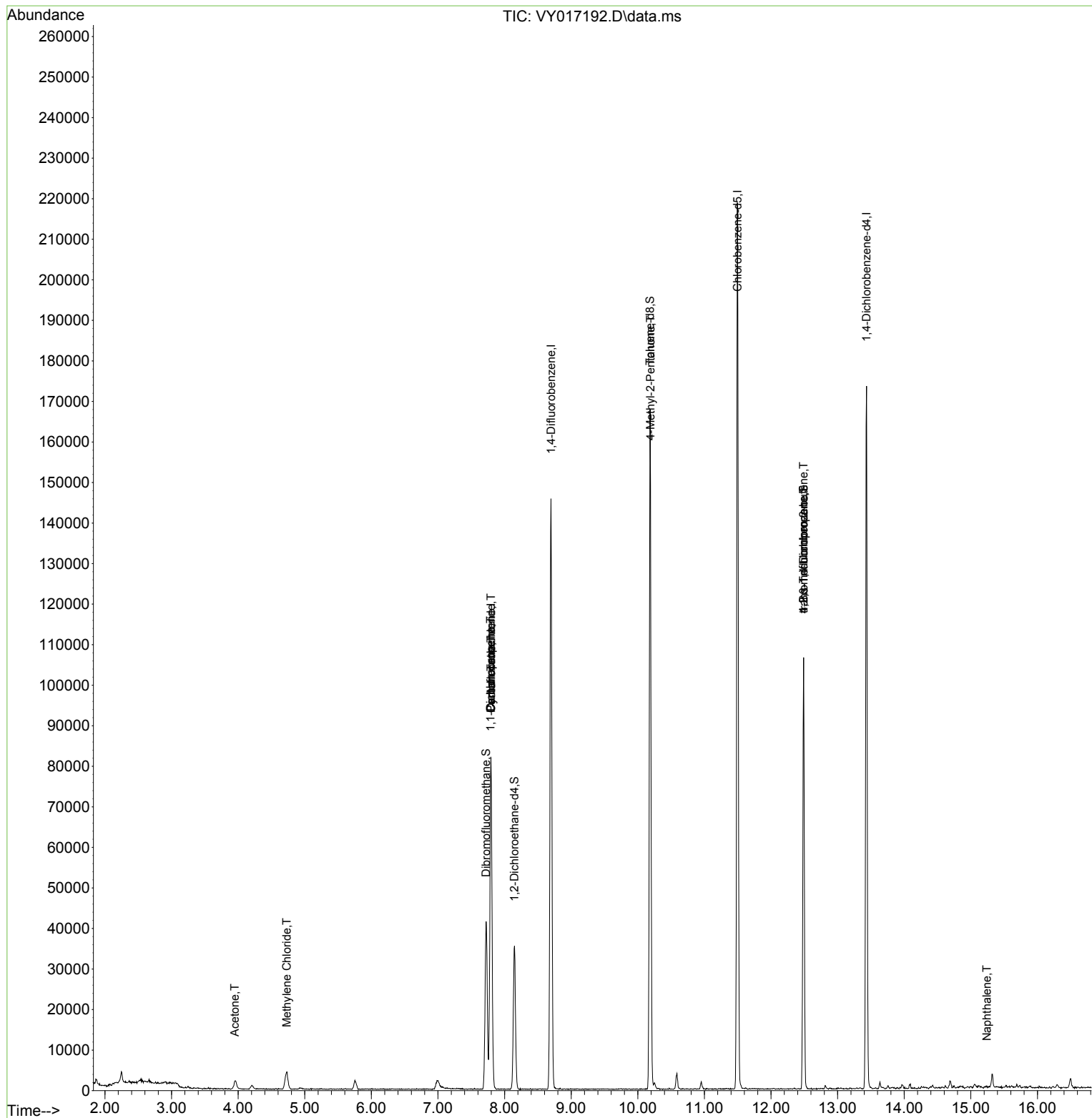
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	161	Below Cal	#	75
16) Acetone	3.948	43	3957	24.093	ug/l	94
20) Methylene Chloride	4.729	84	3530	1.876	ug/l	# 93
31) Cyclohexane	7.795	56	1384	1.229	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	5599	4.810	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	6114	5.486	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.191	43	566	1.105	ug/l	# 1
76) 1,2,3-Trichloropropane	12.489	75	16704	41.083	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	16704	85.365	ug/l	# 12
95) Naphthalene	15.239	128	351	3.704	ug/l	# 69

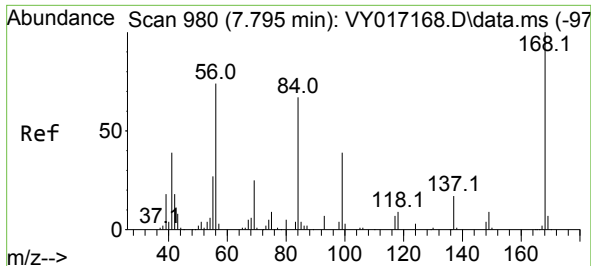
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

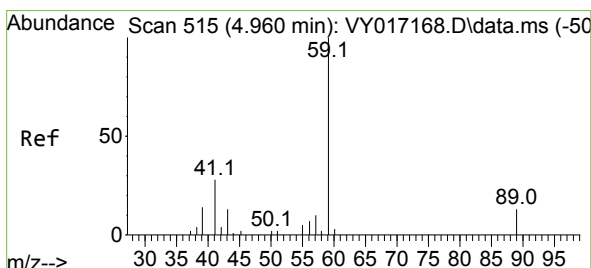
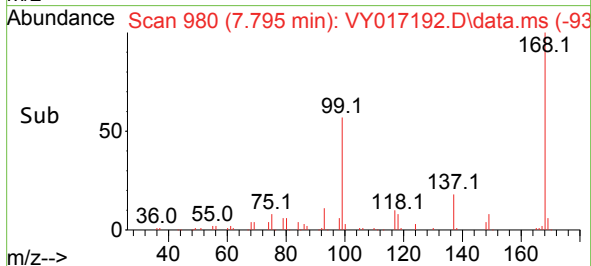
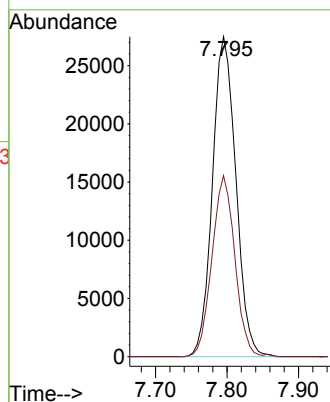
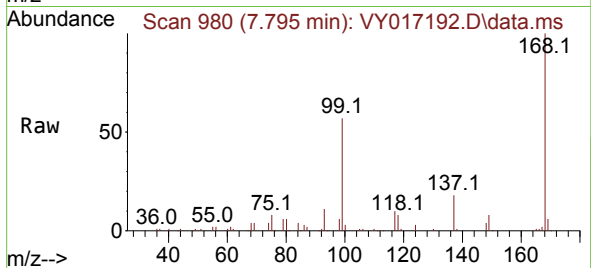




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

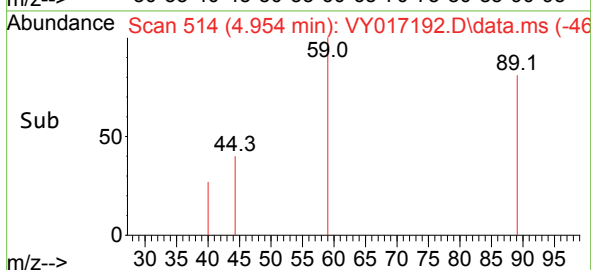
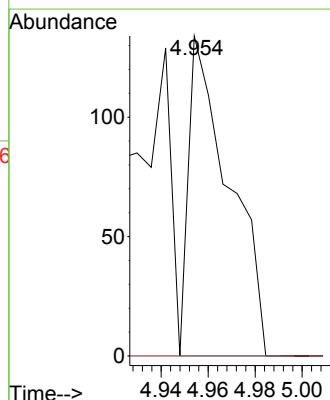
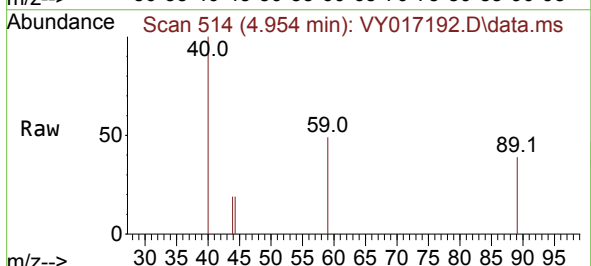
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

Tgt Ion:168 Resp: 62552
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

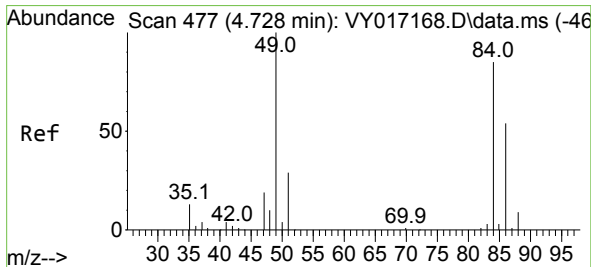
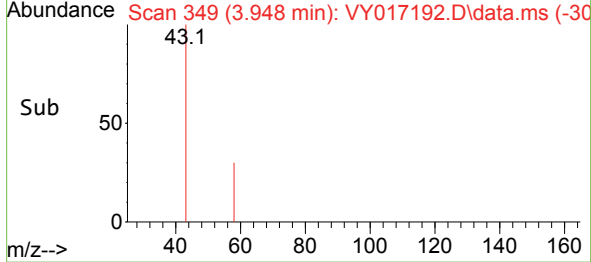
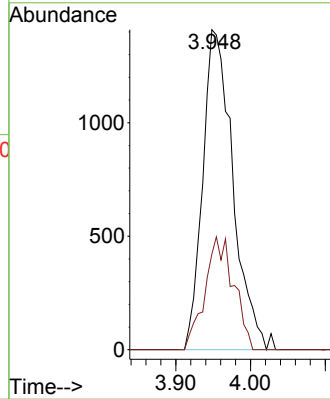
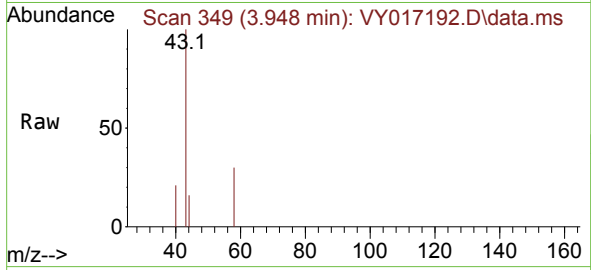




#16
Acetone
Concen: 24.093 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

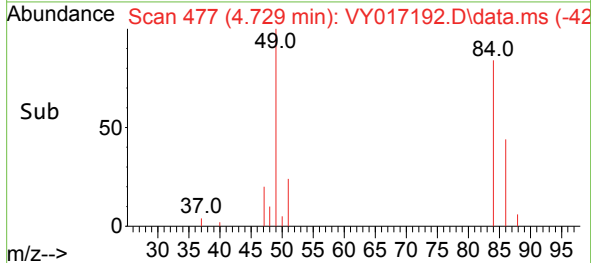
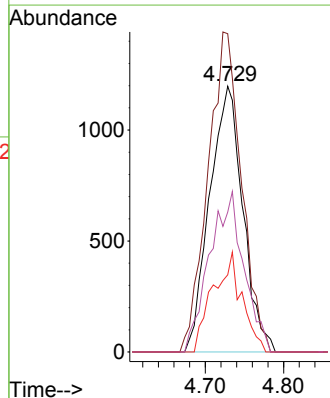
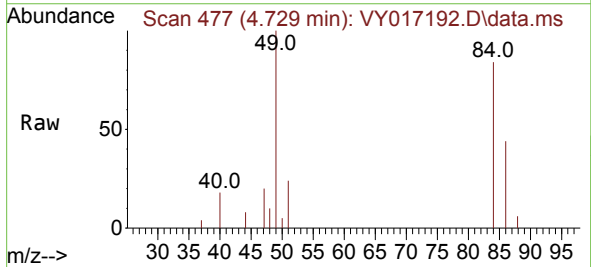
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

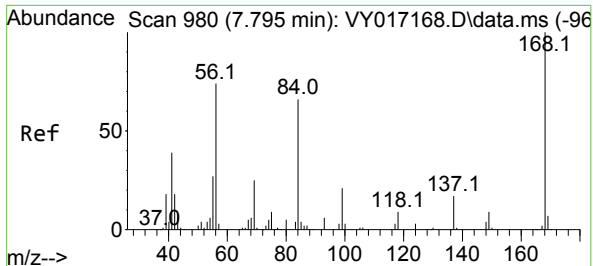
Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
58 29.9 26.6 39.8



#20
Methylene Chloride
Concen: 1.876 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 84 Resp: 3530
Ion Ratio Lower Upper
84 100
49 119.7 95.2 142.8
51 29.0 29.9 44.9#
86 52.6 52.2 78.4

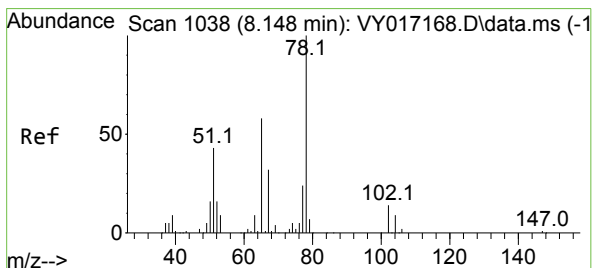
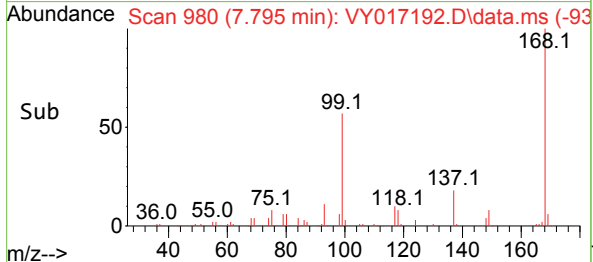
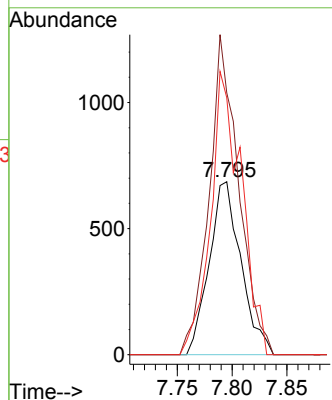
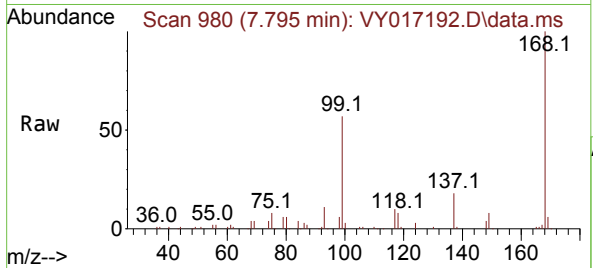




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

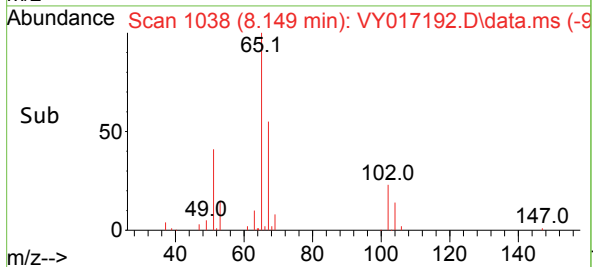
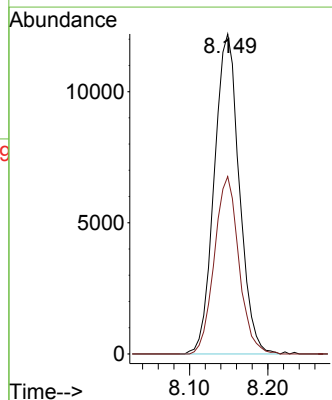
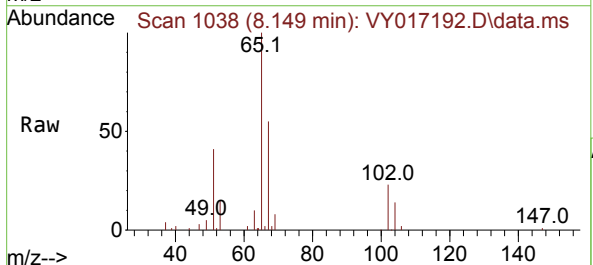
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

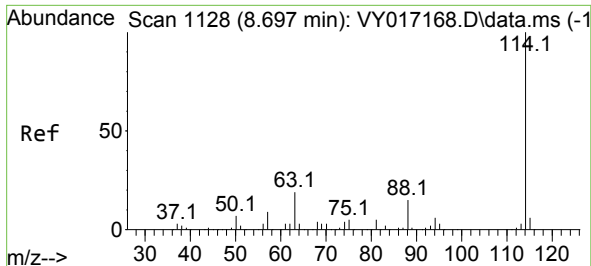
Tgt Ion: 56 Resp: 1384
Ion Ratio Lower Upper
56 100
69 151.5 27.0 40.6#
84 148.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.441 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 65 Resp: 27069
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

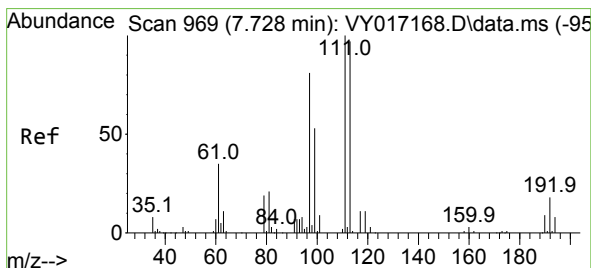
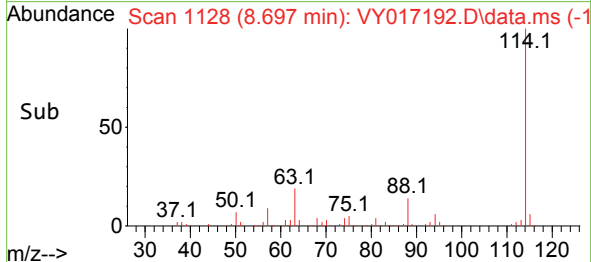
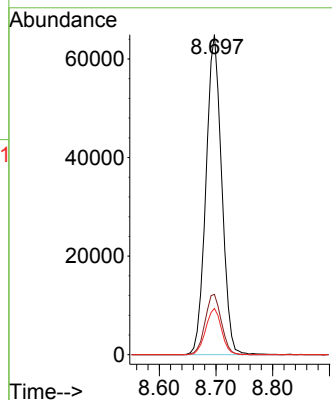
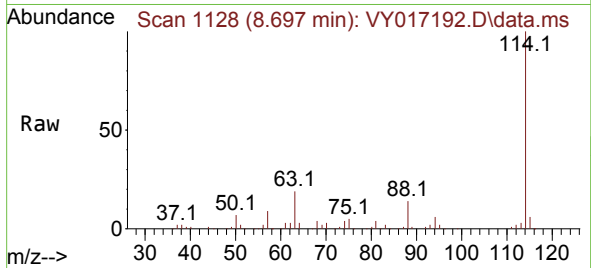




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

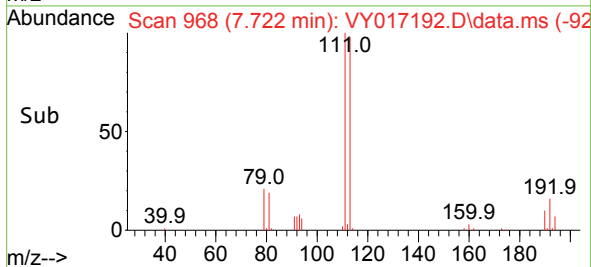
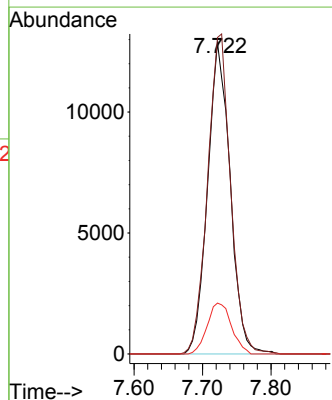
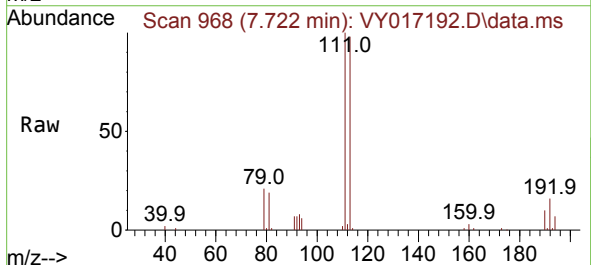
Instrument :
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ClientSampleId :
TR-05-013024

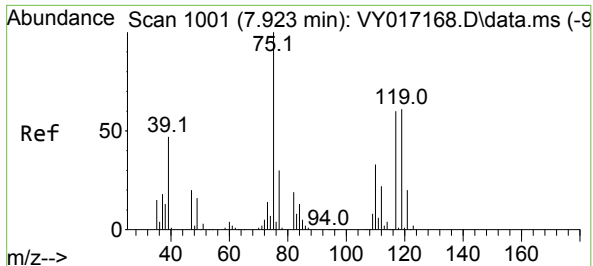
Tgt Ion:114 Resp: 124975
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 43.630 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion:113 Resp: 29441
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.5 14.5 21.7

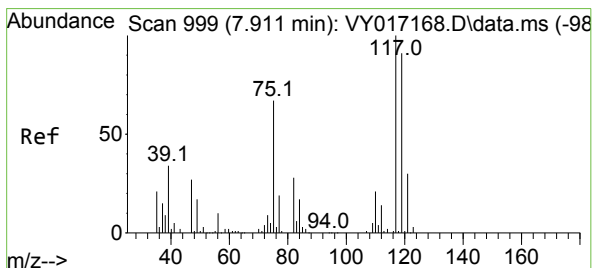
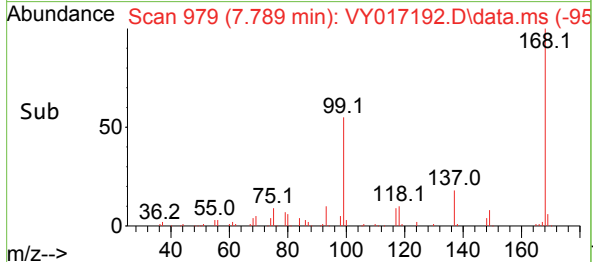
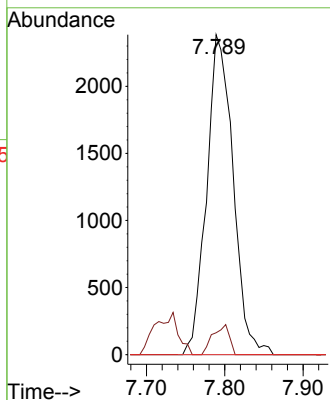
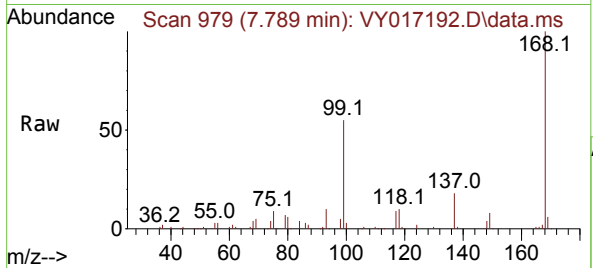




#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

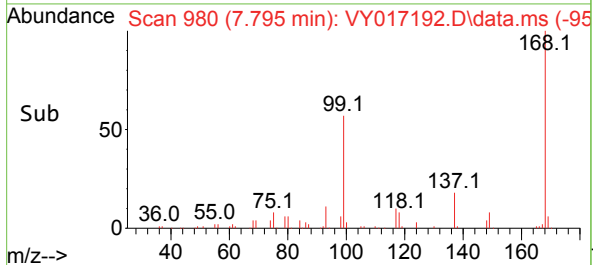
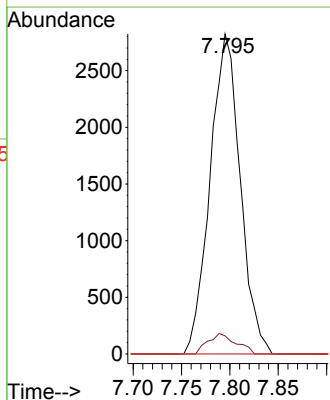
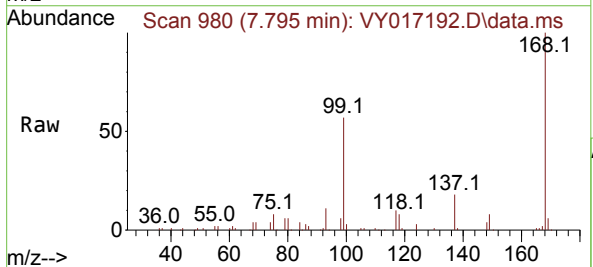
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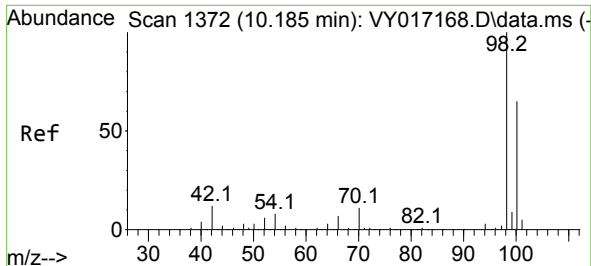
Tgt Ion: 75 Resp: 5599
Ion Ratio Lower Upper
75 100
110 5.9 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 117 Resp: 6114
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.2 36.2#

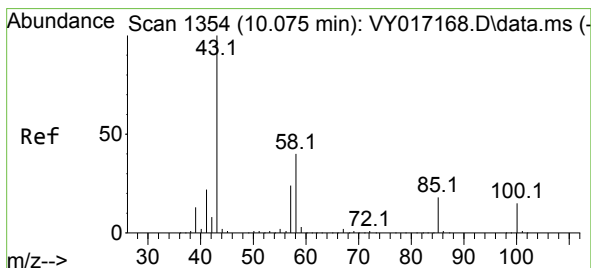
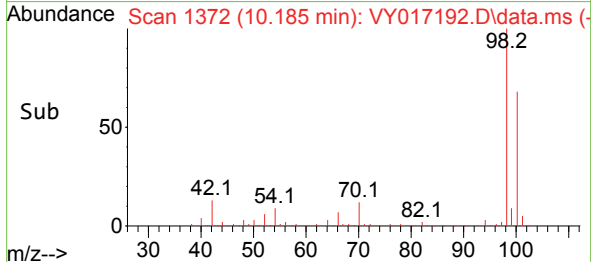
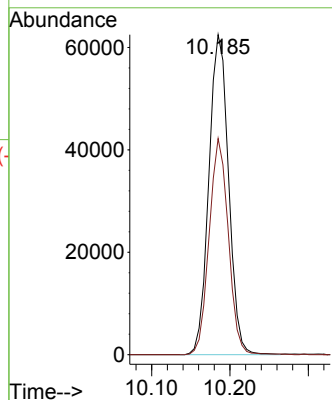
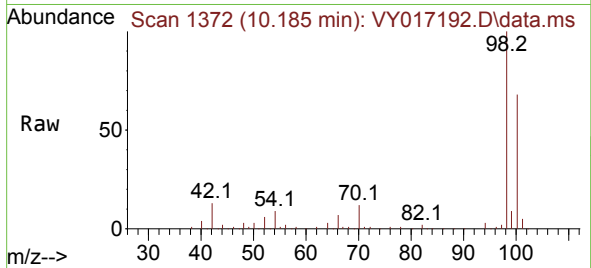




#50
Toluene-d8
Concen: 44.432 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

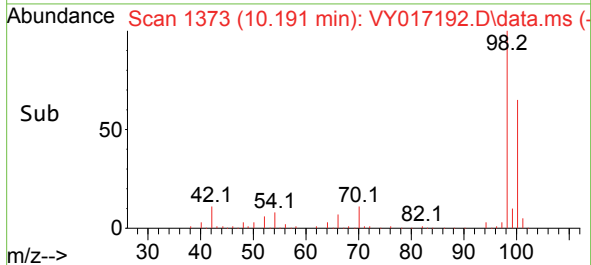
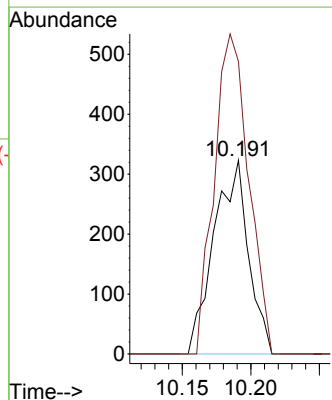
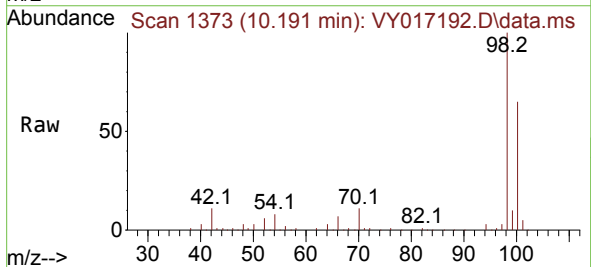
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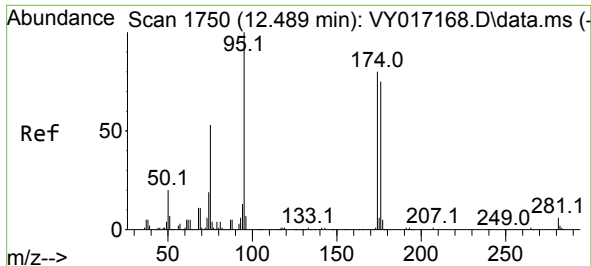
Tgt Ion: 98 Resp: 109162
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 164.7 32.2 48.2#

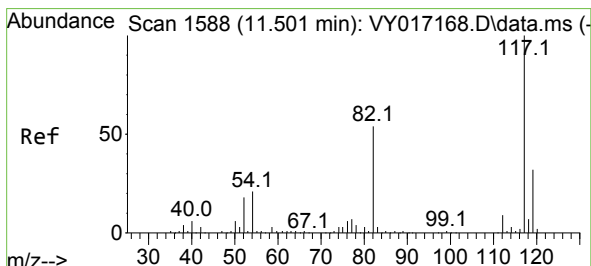
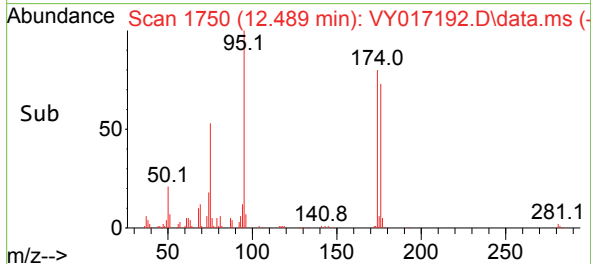
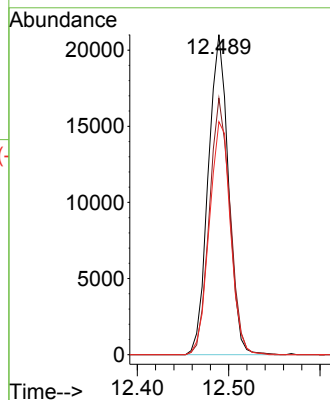
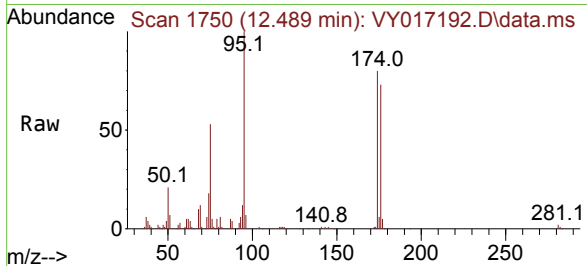




#62
4-Bromofluorobenzene
Concen: 40.005 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

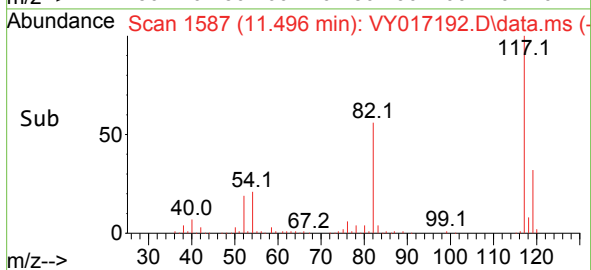
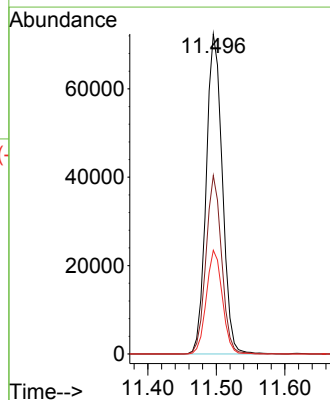
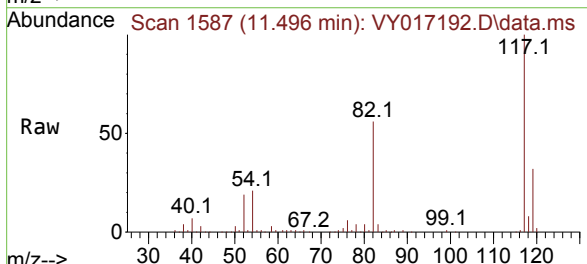
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

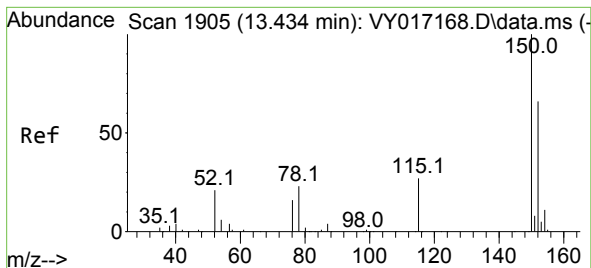
Tgt Ion:	95	Resp:	32197
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	160.0
176	76.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion:	117	Resp:	118684
Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.8	65.8
119	32.4	26.5	39.7

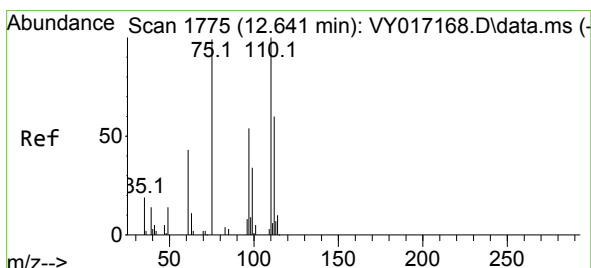
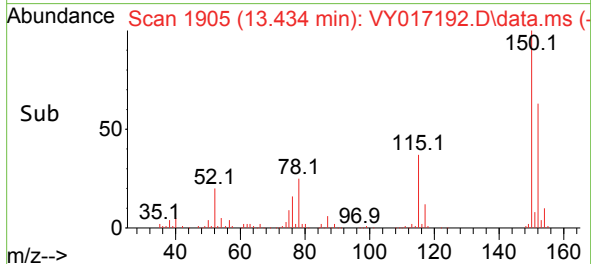
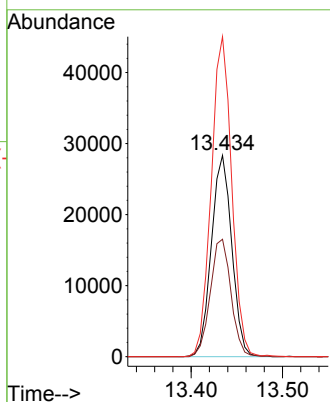
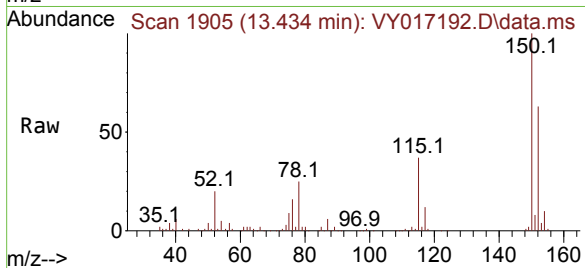




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

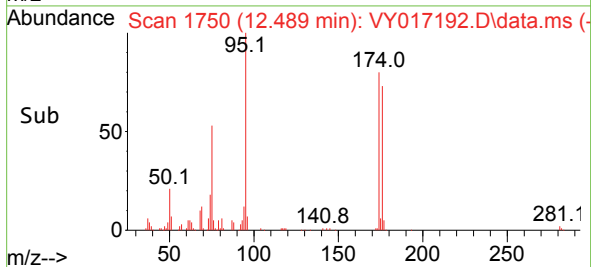
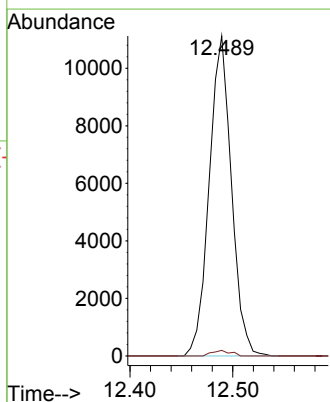
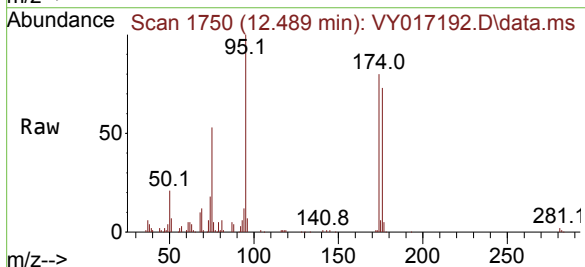
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

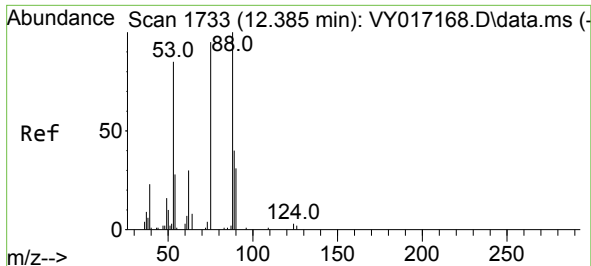
Tgt Ion:152 Resp: 44052
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 159.5 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 41.083 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 75 Resp: 16704
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

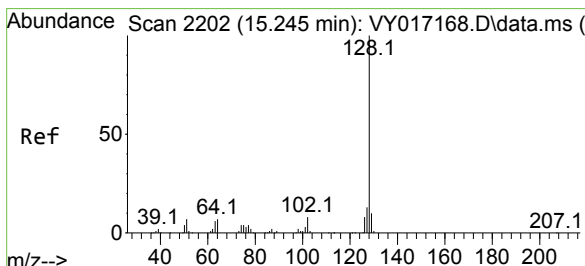
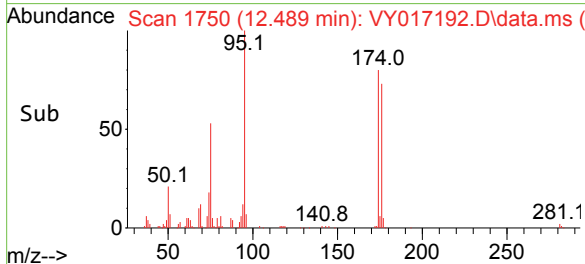
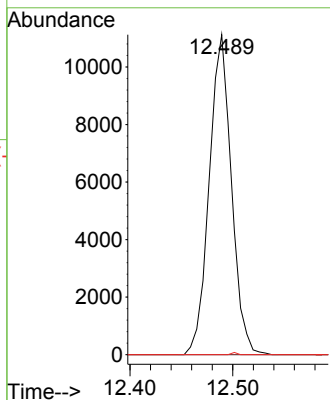
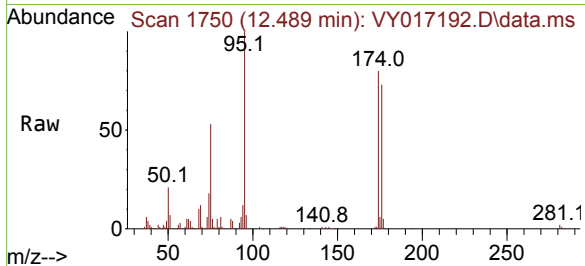




#81
trans-1,4-Dichloro-2-butene
Concen: 85.365 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

Tgt Ion: 75 Resp: 16704
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#



#95
Naphthalene
Concen: 3.704 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017192.D
Acq: 02 Feb 2024 18:22

Tgt Ion: 128 Resp: 351
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

