

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017506.D
 Acq On : 27 Feb 2024 18:59
 Operator : SY/MD
 Sample : P1564-01RE
 Misc : 3.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-09

Quant Time: Feb 28 00:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

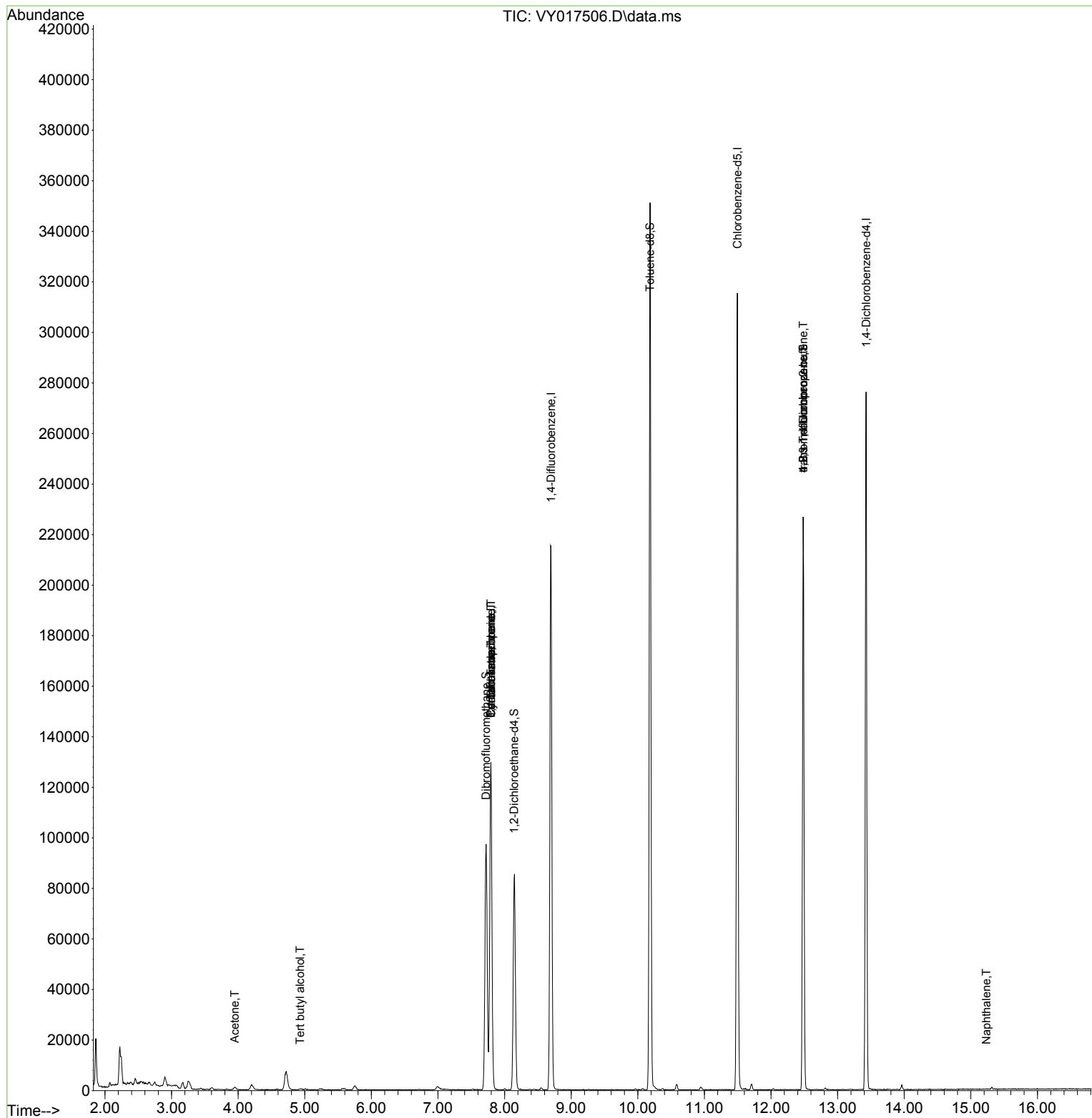
Internal Standards						
1) Pentafluorobenzene	7.795	168	108449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64532	62.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.580%	
35) Dibromofluoromethane	7.722	113	70811	50.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.360%	
50) Toluene-d8	10.185	98	236301	47.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	12.483	95	66833	43.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	212	2.428	ug/l #	88
16) Acetone	3.948	43	1769	8.874	ug/l	93
20) Methylene Chloride	4.722	84	6328	Below Cal		92
31) Cyclohexane	7.795	56	1946	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7317	3.843	ug/l #	48
38) Carbon Tetrachloride	7.795	117	9774	5.122	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	33553	46.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33553	107.611	ug/l #	16
95) Naphthalene	15.233	128	169	3.980	ug/l #	69

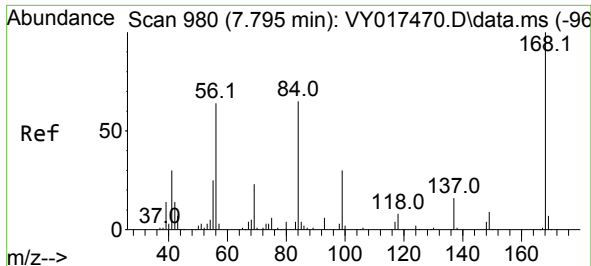
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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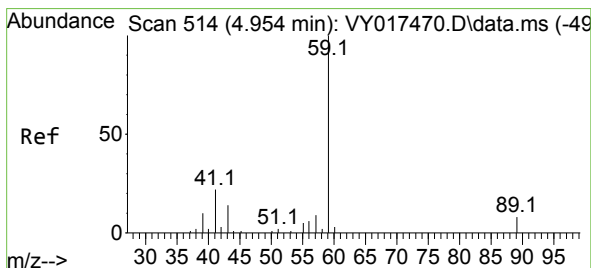
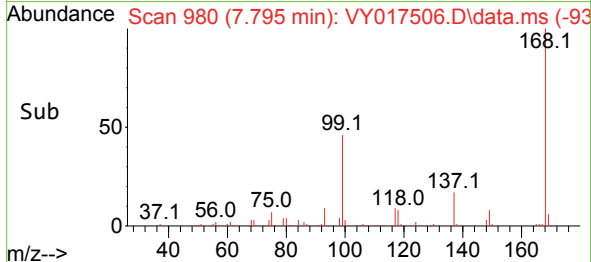
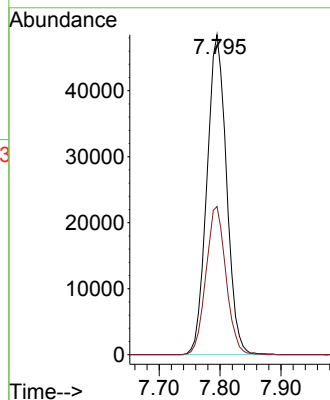
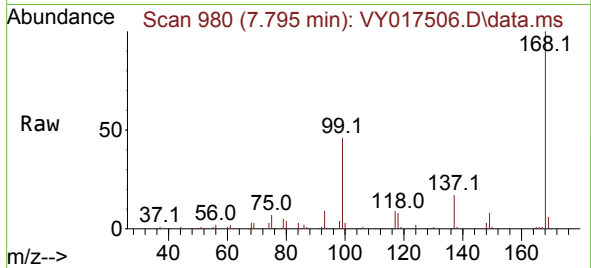




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

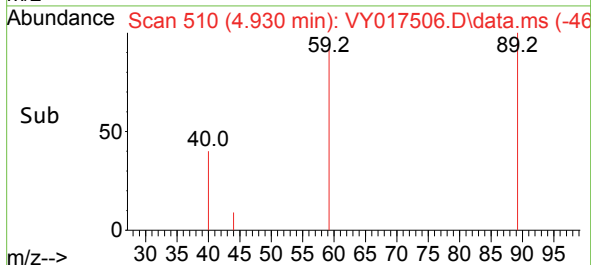
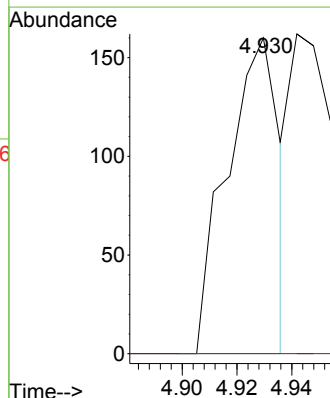
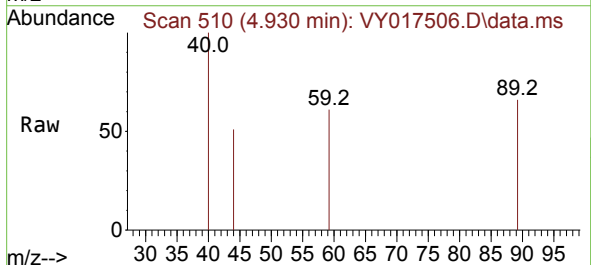
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

Tgt Ion:168 Resp: 108449
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.428 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 8.874 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

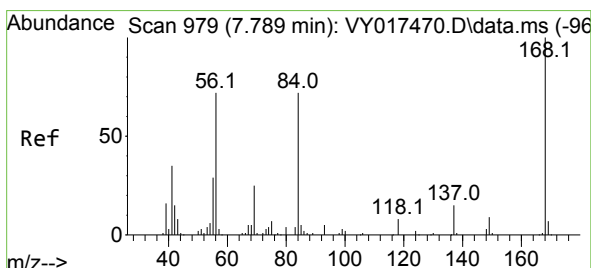
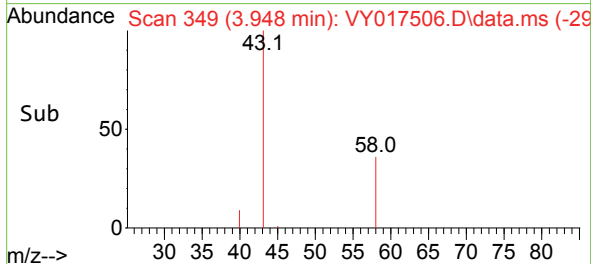
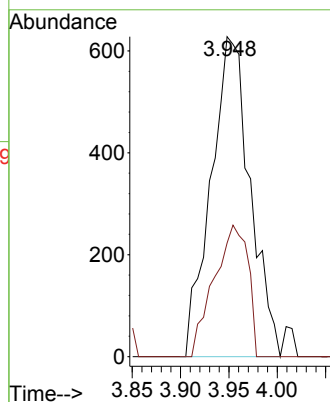
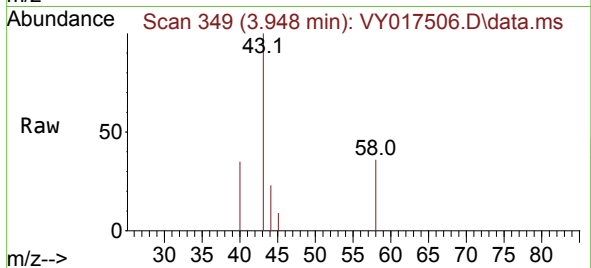
LKWD-BACKFILL-09

Tgt Ion: 43 Resp: 1769

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

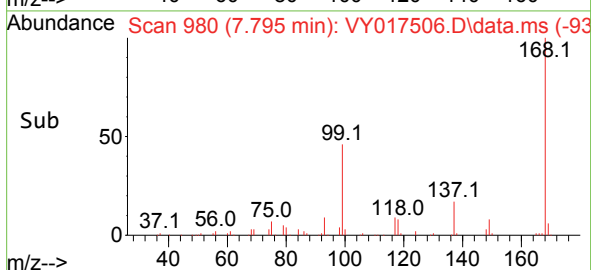
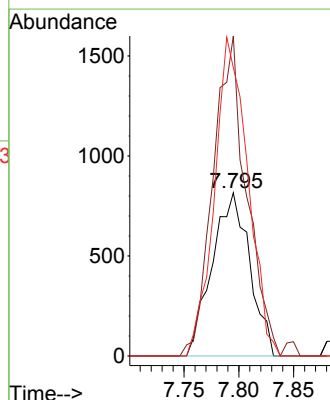
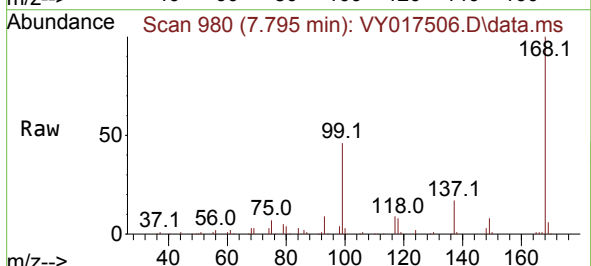
Tgt Ion: 56 Resp: 1946

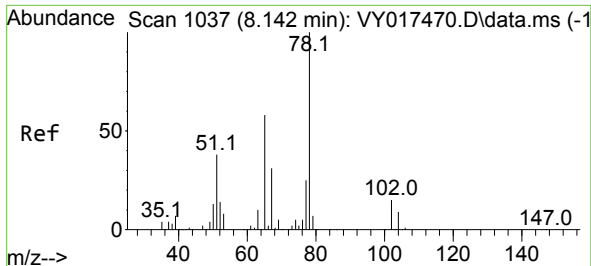
Ion Ratio Lower Upper

56 100

69 196.1 28.7 43.1#

84 176.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.786 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

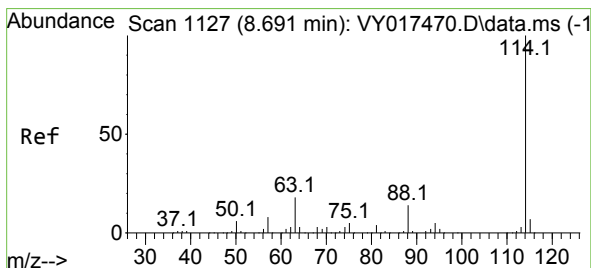
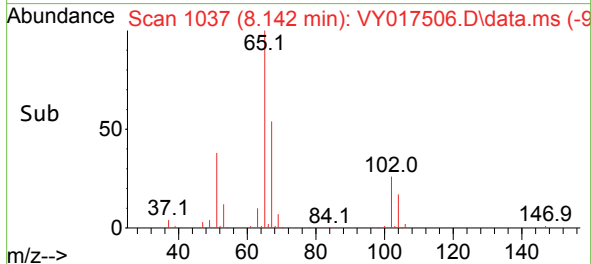
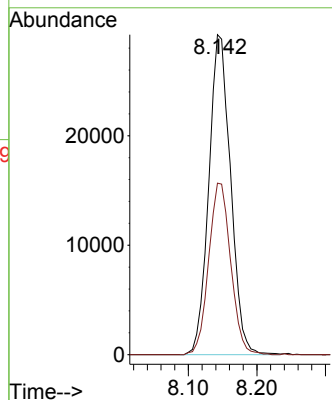
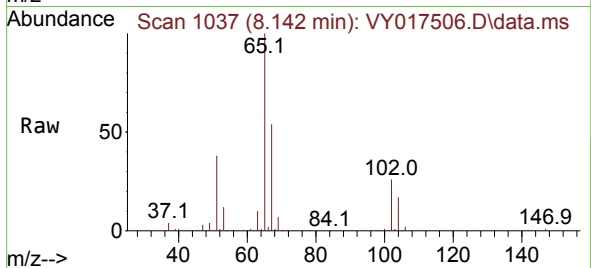
LKWD-BACKFILL-09

Tgt Ion: 65 Resp: 64532

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

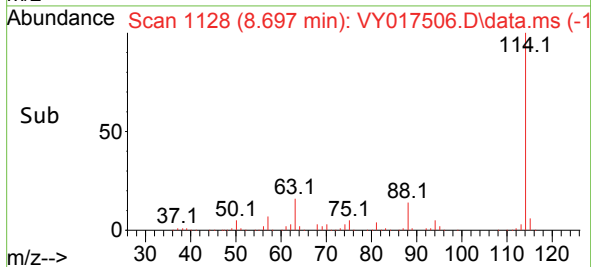
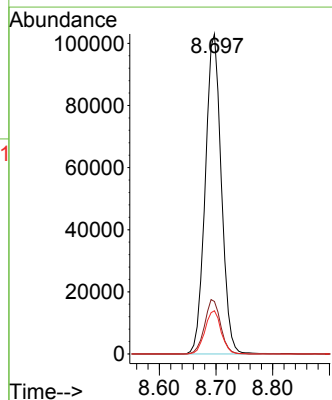
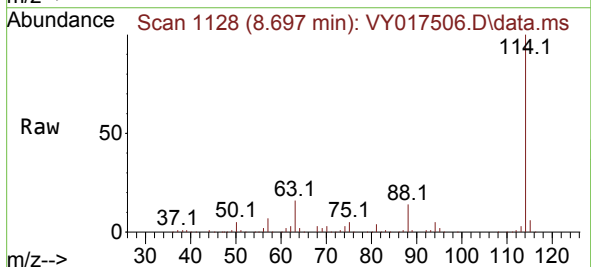
Tgt Ion: 114 Resp: 202526

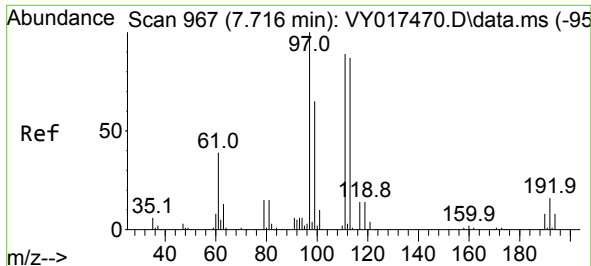
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.176 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-09

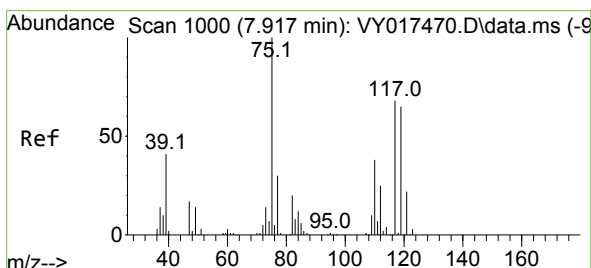
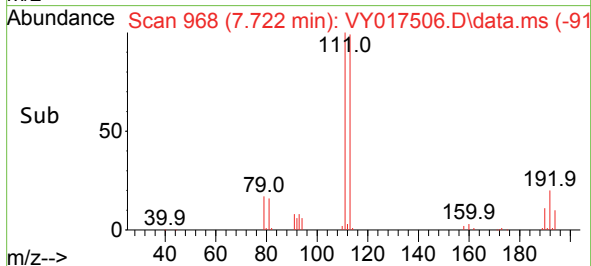
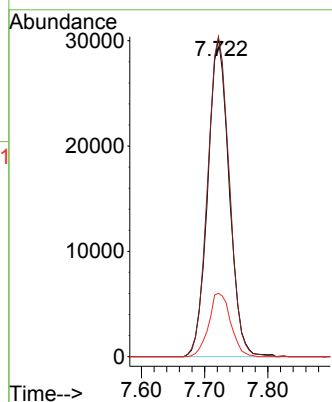
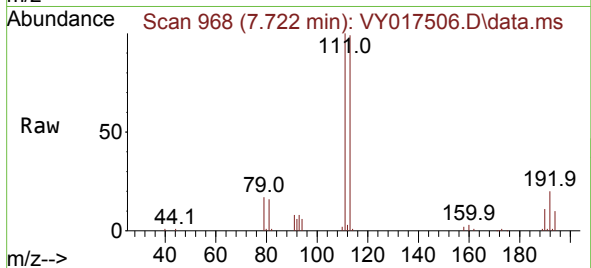
Tgt Ion:113 Resp: 70811

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 3.843 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

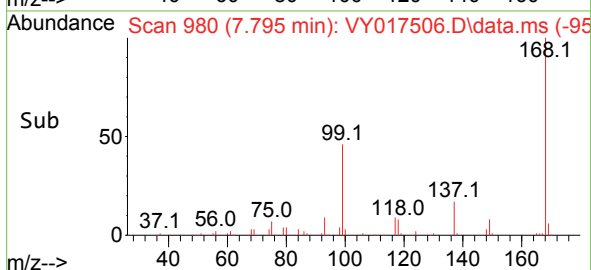
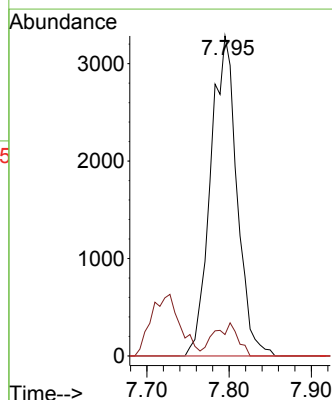
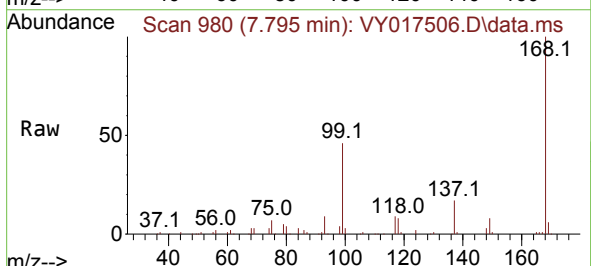
Tgt Ion: 75 Resp: 7317

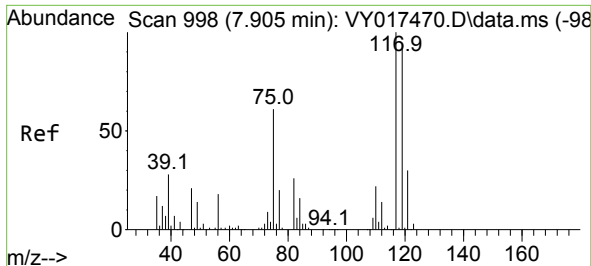
Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

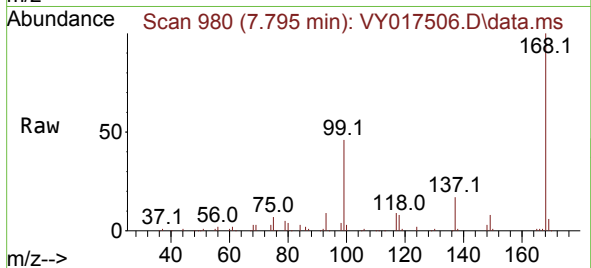
77 0.0 25.3 37.9#



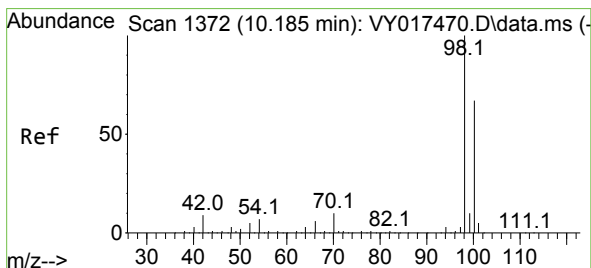
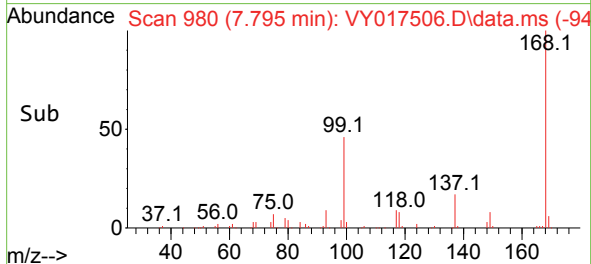
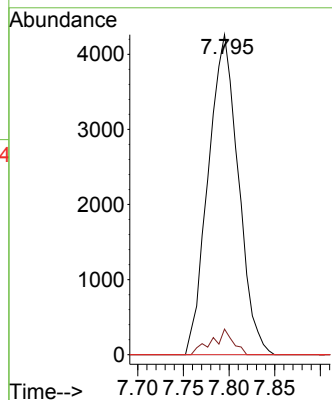


#38
Carbon Tetrachloride
Concen: 5.122 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

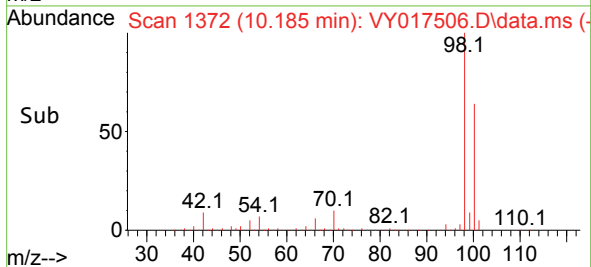
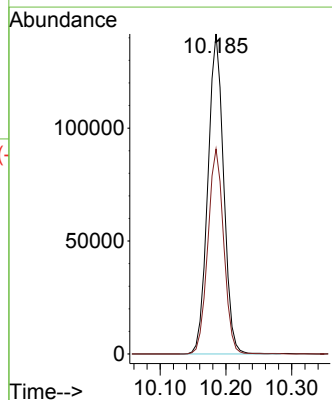
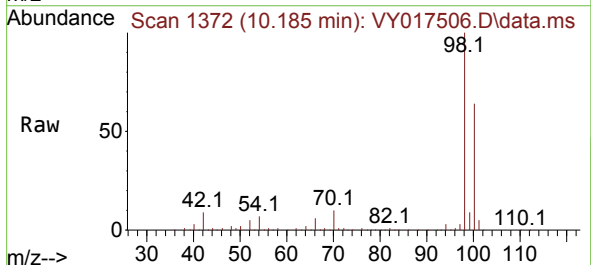


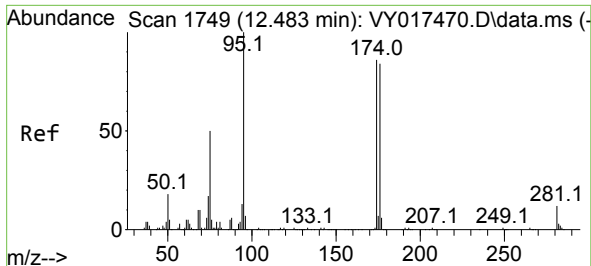
Tgt Ion:117 Resp: 9774
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 98 Resp: 236301
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

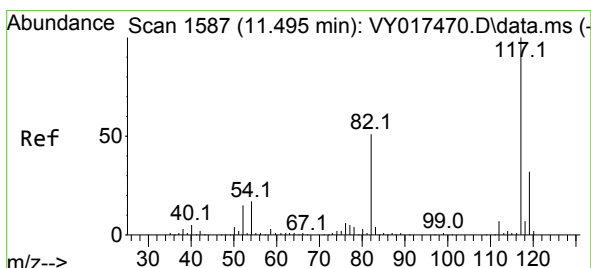
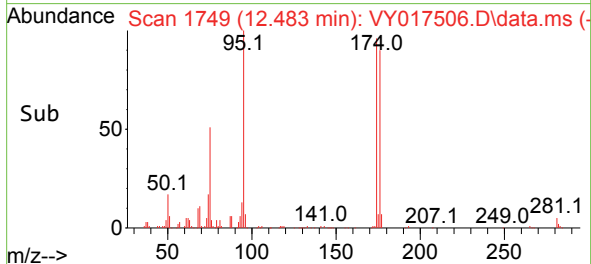
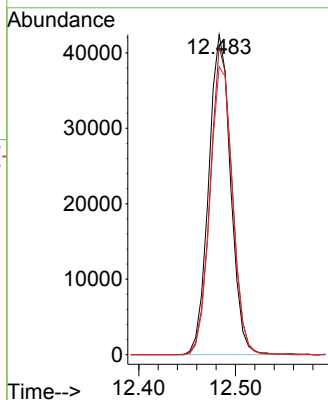
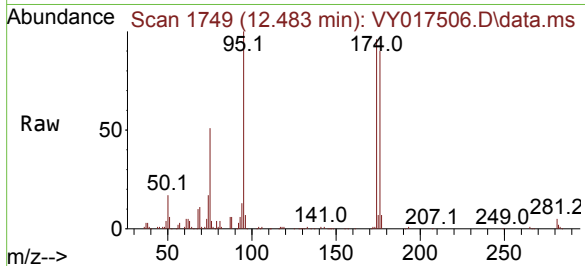




#62
4-Bromofluorobenzene
Concen: 43.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

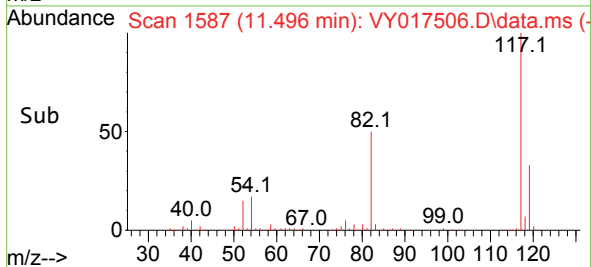
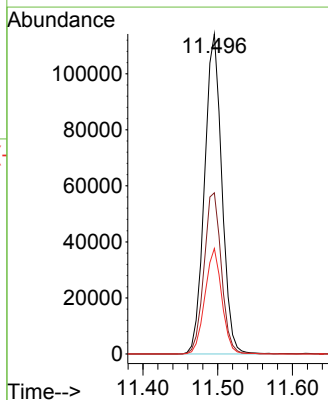
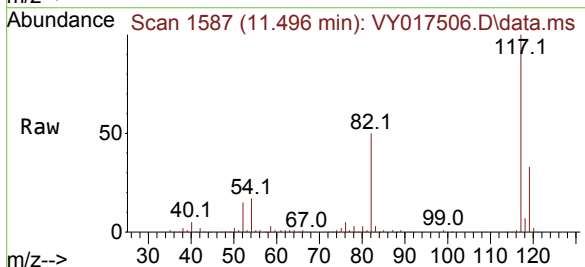
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ClientSampleId :
LKWD-BACKFILL-09

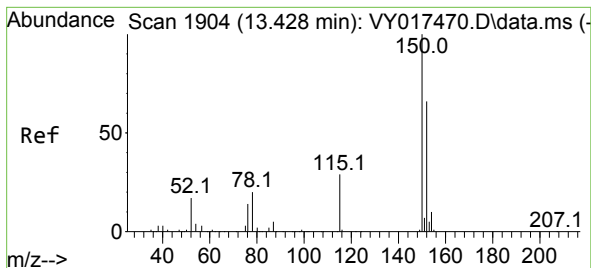
Tgt Ion: 95 Resp: 66833
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 92.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 117 Resp: 183460
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.9 25.9 38.9

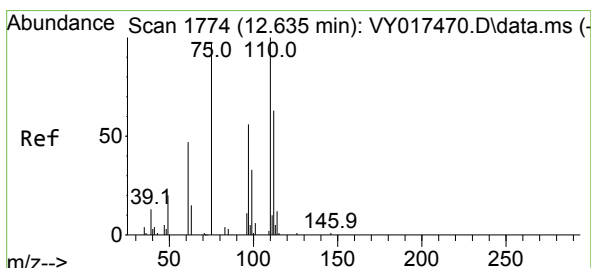
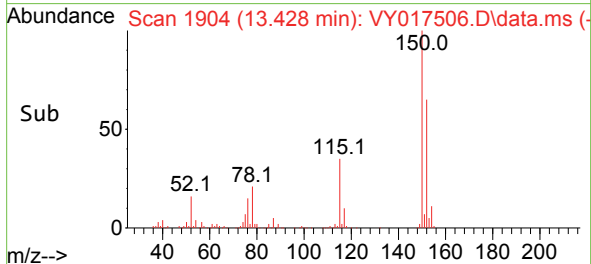
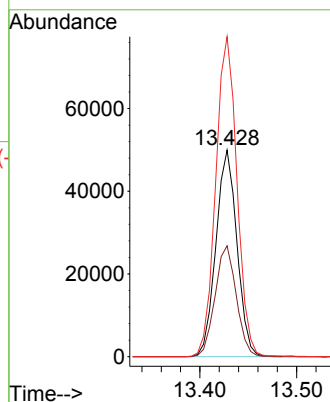
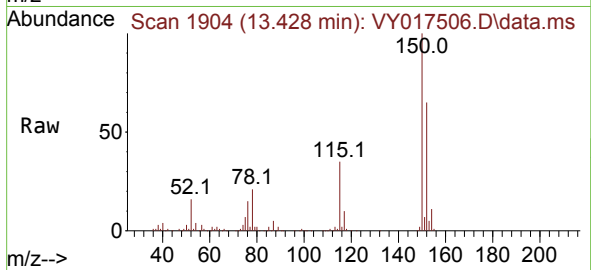




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017506.D
 Acq: 27 Feb 2024 18:59

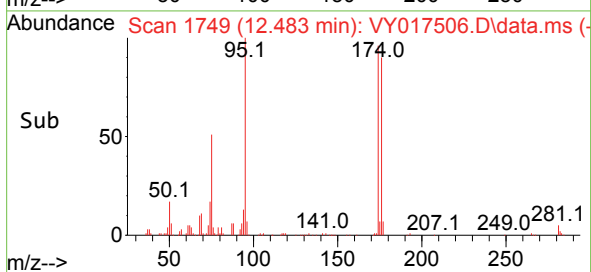
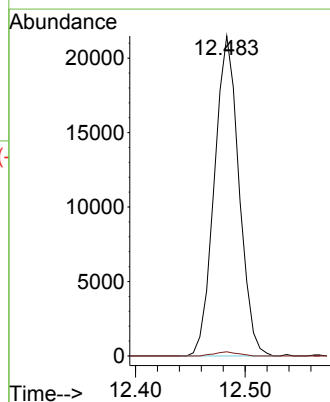
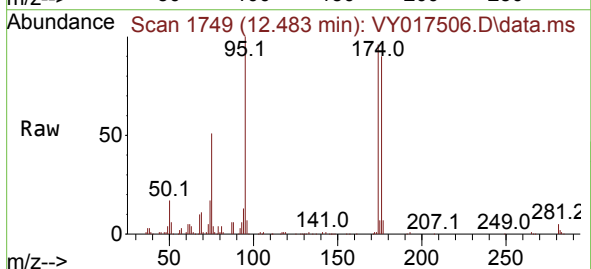
Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-09

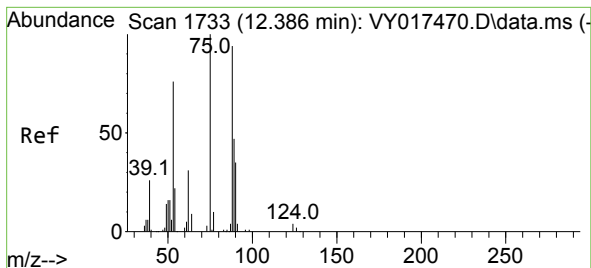
Tgt Ion:152 Resp: 75403
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 156.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.833 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017506.D
 Acq: 27 Feb 2024 18:59

Tgt Ion: 75 Resp: 33553
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

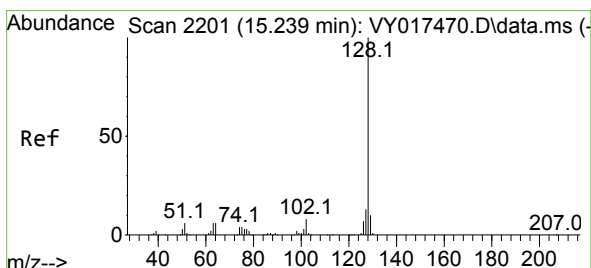
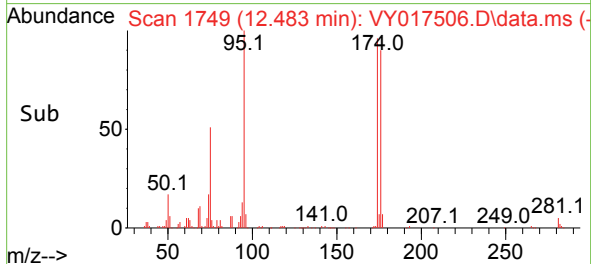
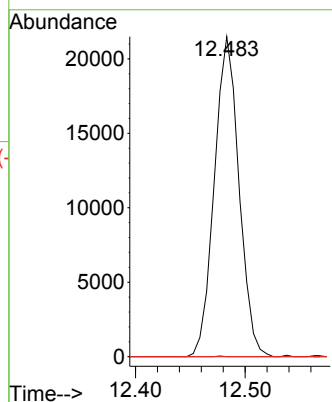
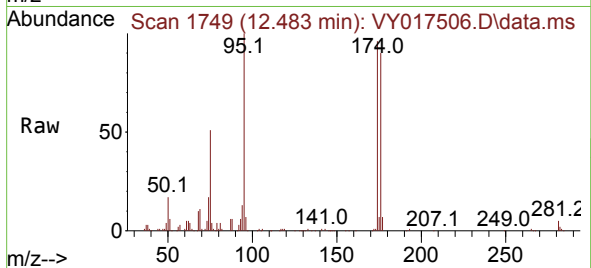




#81
trans-1,4-Dichloro-2-butene
Concen: 107.611 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

Tgt Ion: 75 Resp: 33553
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.980 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 128 Resp: 169
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

