

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016620.D
 Acq On : 06 Dec 2023 16:54
 Operator : SY/MD
 Sample : 05599-15RE
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-08RE

Quant Time: Dec 07 00:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

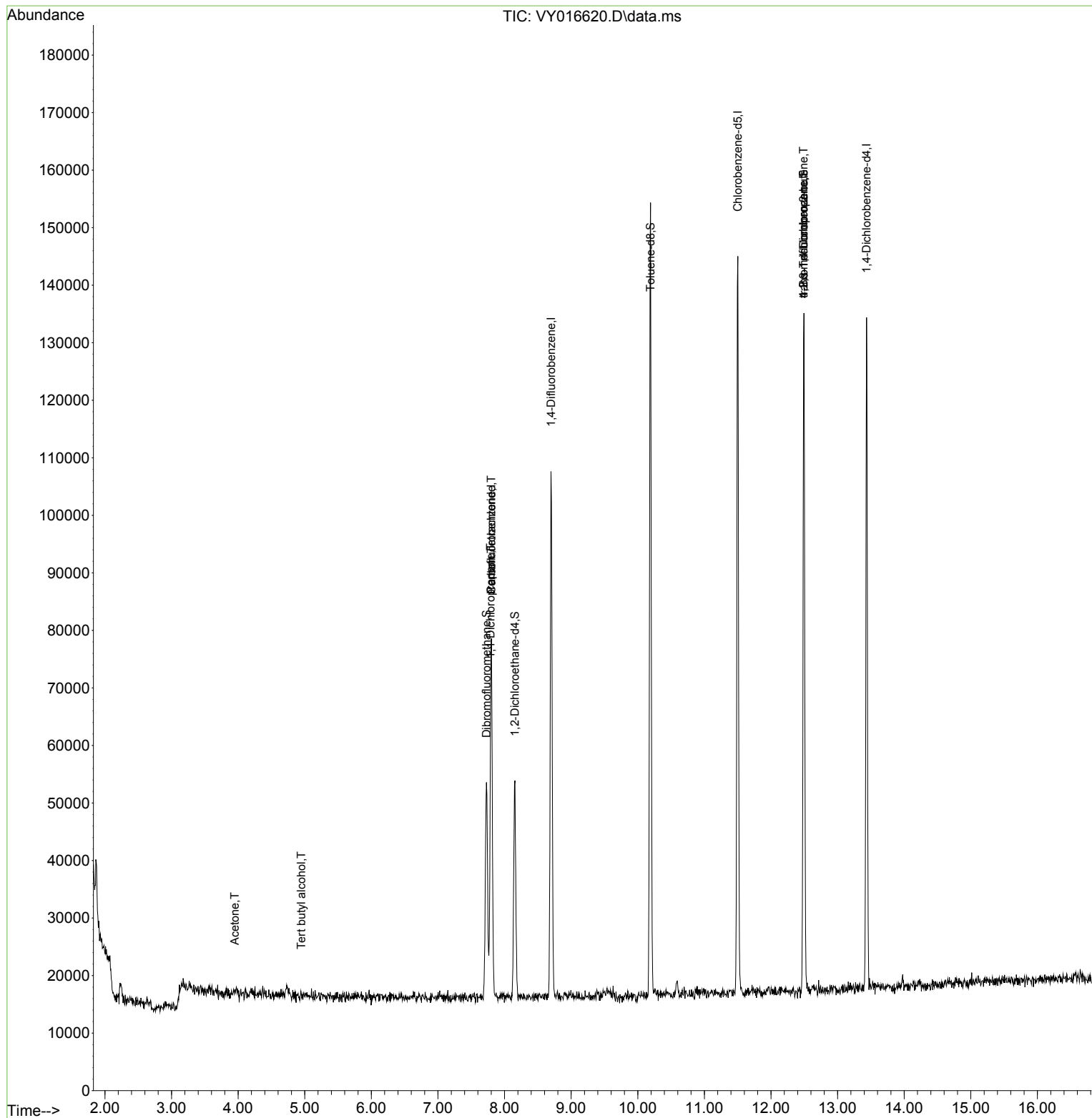
Internal Standards						
1) Pentafluorobenzene	7.801	168	51119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	79617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	75025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	30929	65.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.920%			
35) Dibromofluoromethane	7.728	113	26224	54.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.460%			
50) Toluene-d8	10.191	98	90917	50.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.489	95	28247	47.394	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	170	5.281	ug/l #	89
16) Acetone	3.948	43	1211	11.327	ug/l	99
20) Methylene Chloride	4.741	84	1164	Below Cal	#	53
36) 1,1-Dichloropropene	7.789	75	3363	4.617	ug/l #	50
38) Carbon Tetrachloride	7.801	117	4611	5.469	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	15982	53.387	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	15982	120.430	ug/l #	10
95) Naphthalene	15.251	128	248	Below Cal	#	69

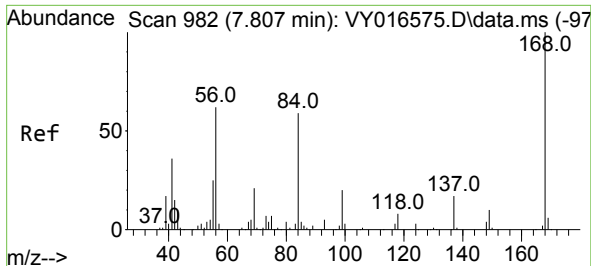
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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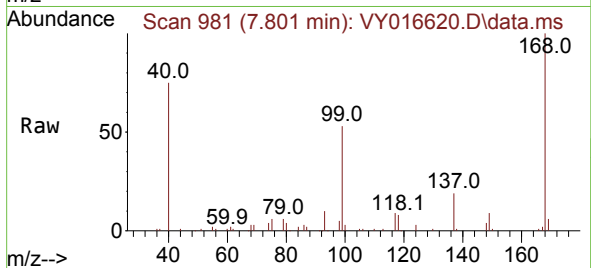
Quant Time: Dec 07 00:35:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
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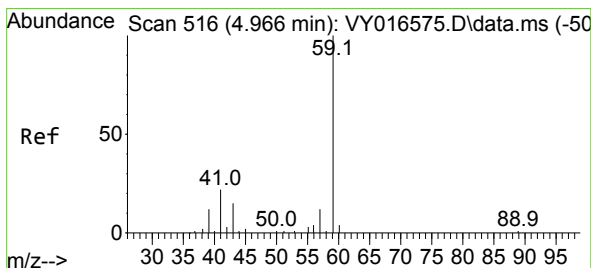
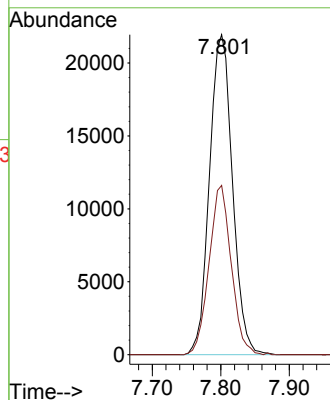
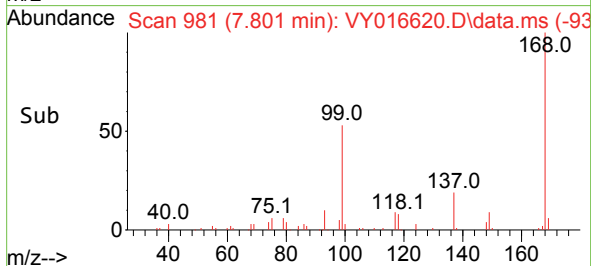


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

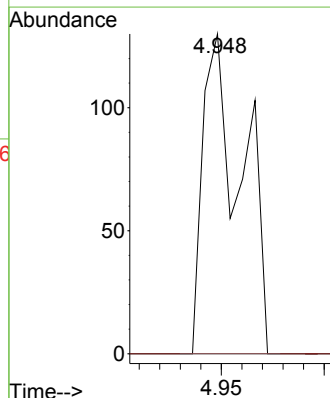
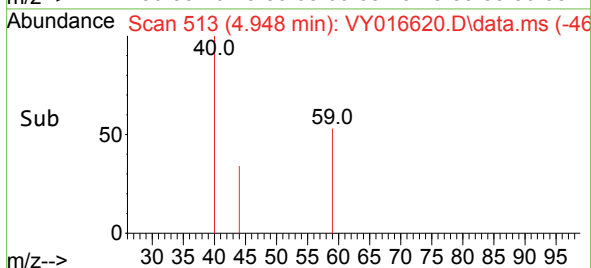
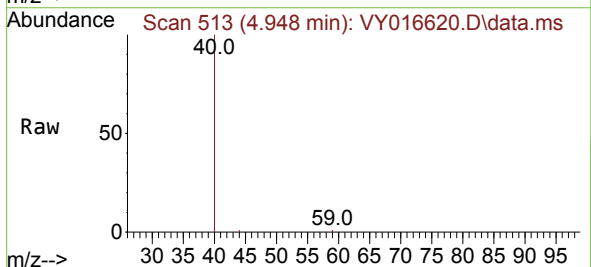


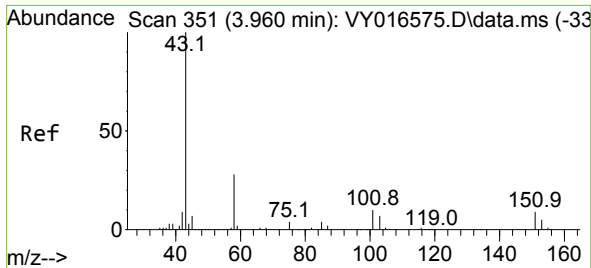
Tgt Ion:168 Resp: 51119
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.281 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

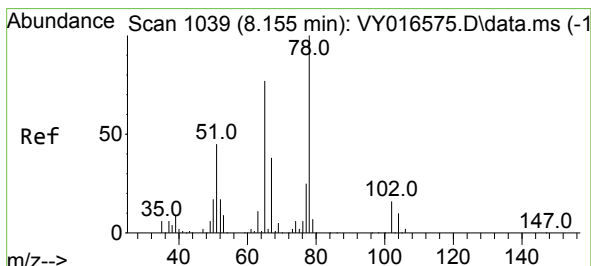
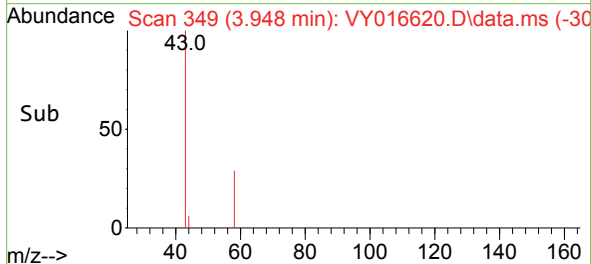
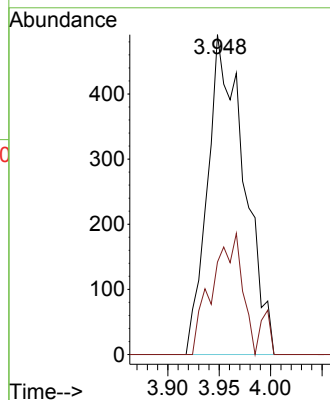
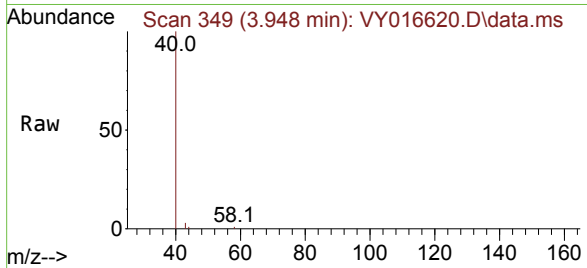




#16
Acetone
Concen: 11.327 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

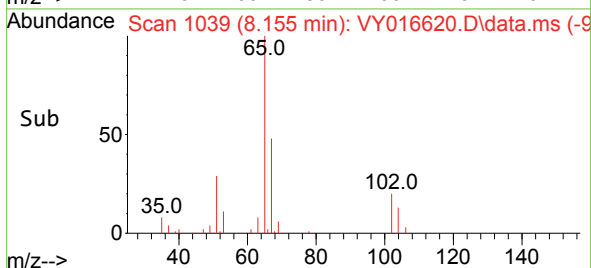
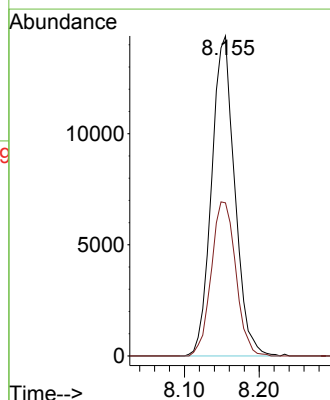
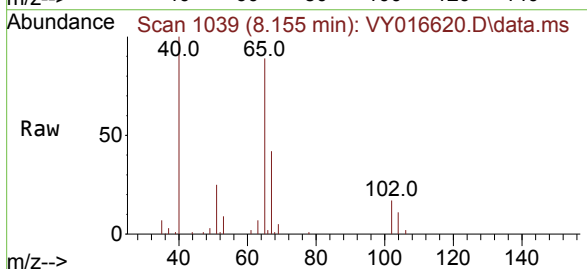
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

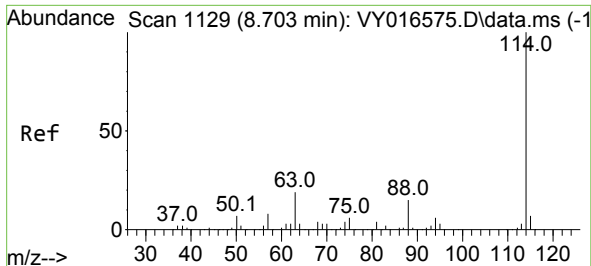
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1



#33
1,2-Dichloroethane-d4
Concen: 65.461 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 65 Resp: 30929
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-08RE

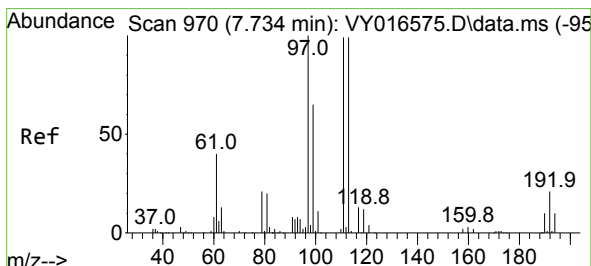
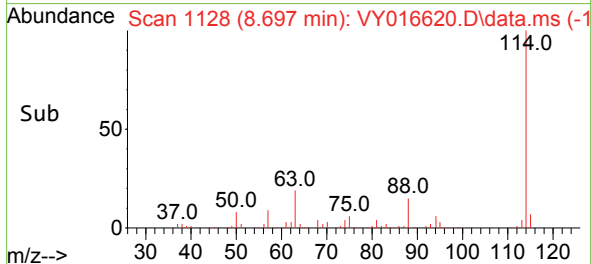
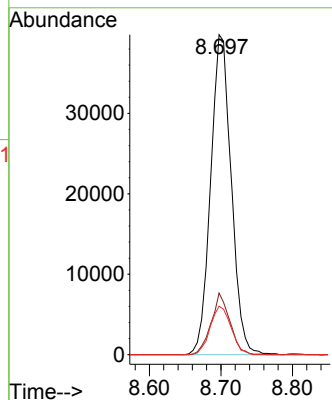
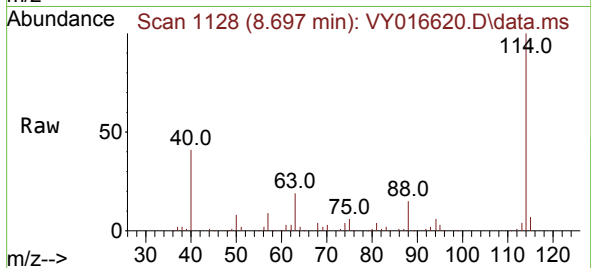
Tgt Ion:114 Resp: 79617

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.732 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

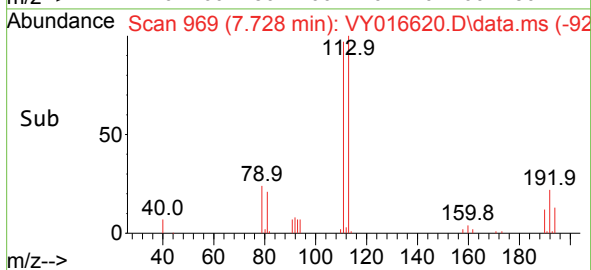
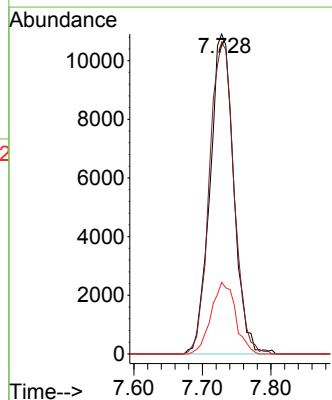
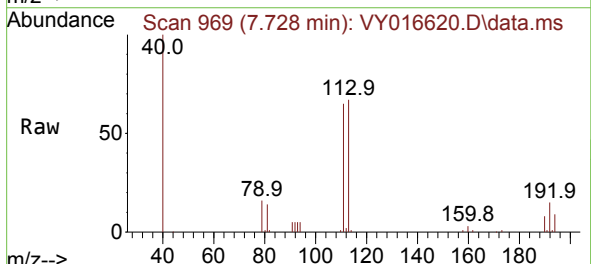
Tgt Ion:113 Resp: 26224

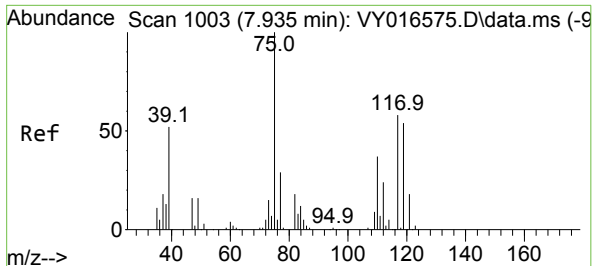
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 23.0 16.9 25.3

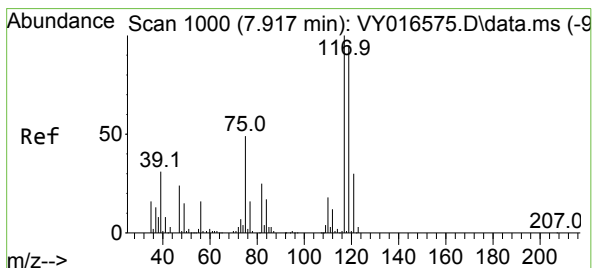
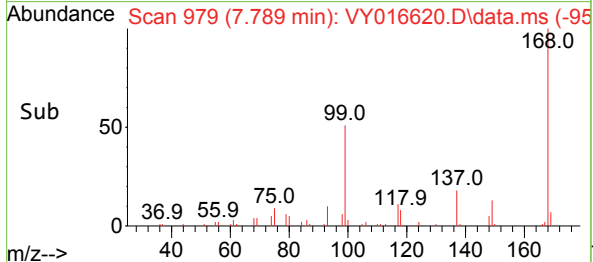
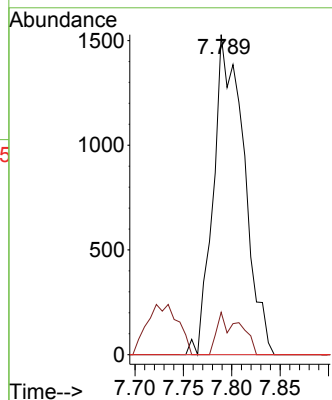
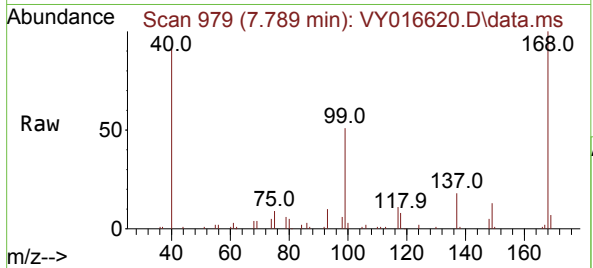




#36
1,1-Dichloropropene
Concen: 4.617 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.146 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

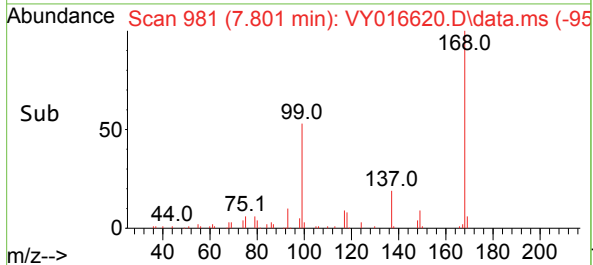
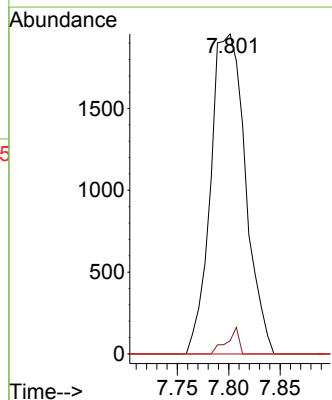
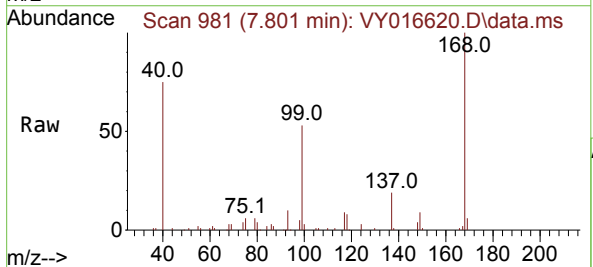
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

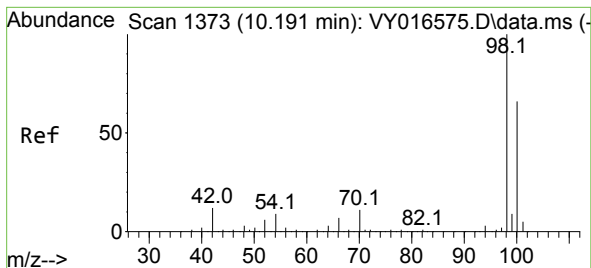
Tgt Ion: 75 Resp: 3363
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.469 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 117 Resp: 4611
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

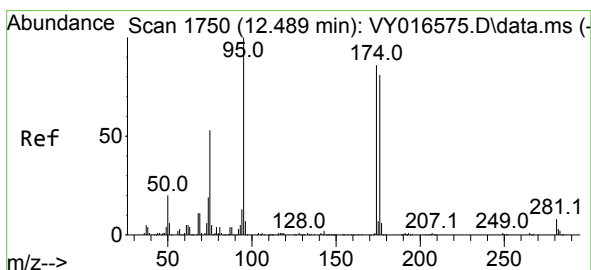
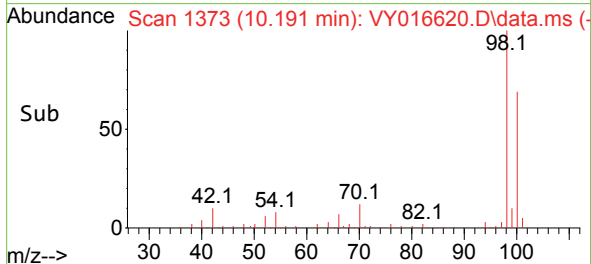
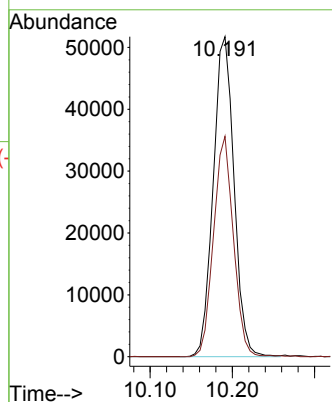
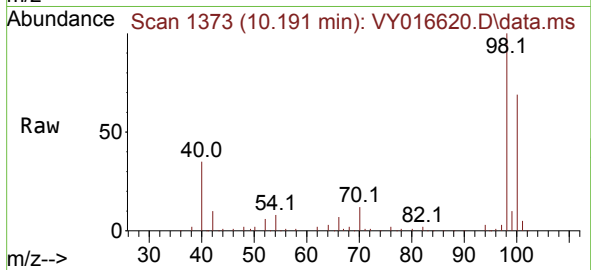
LKWD-BACKFILL-08RE

Tgt Ion: 98 Resp: 90917

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.394 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

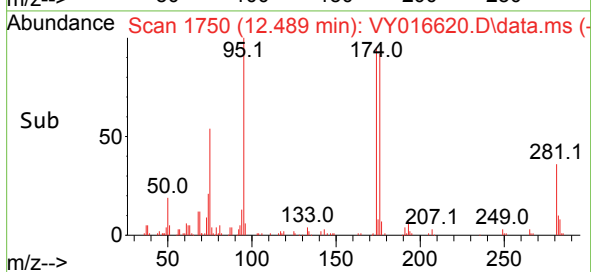
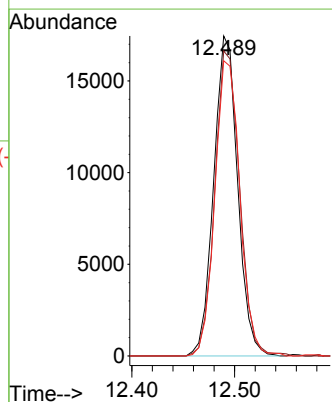
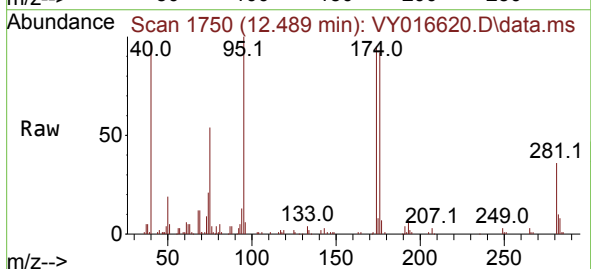
Tgt Ion: 95 Resp: 28247

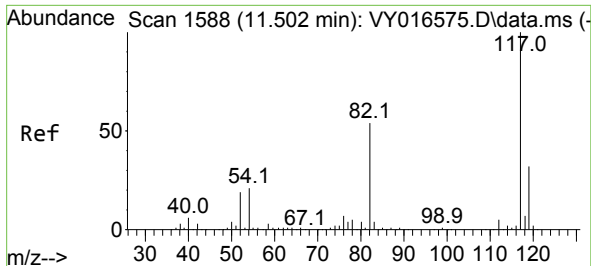
Ion Ratio Lower Upper

95 100

174 98.8 0.0 178.2

176 96.3 0.0 173.8

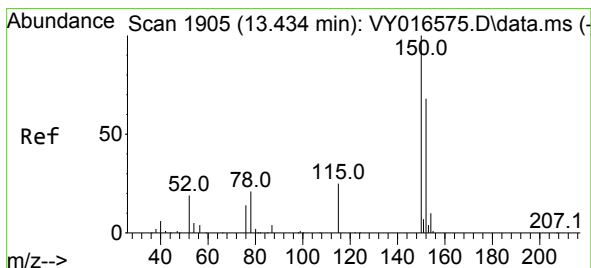
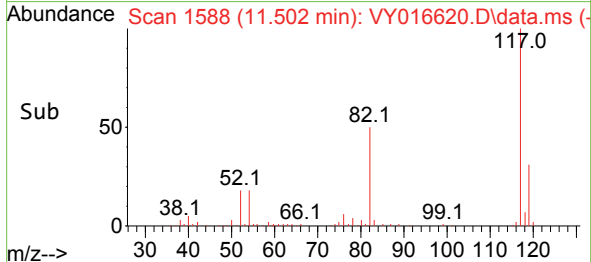
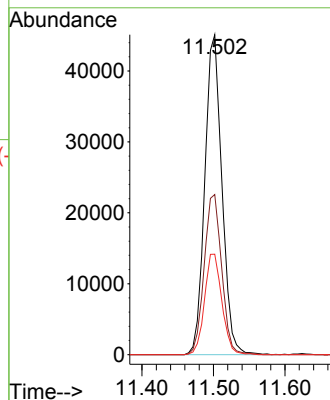
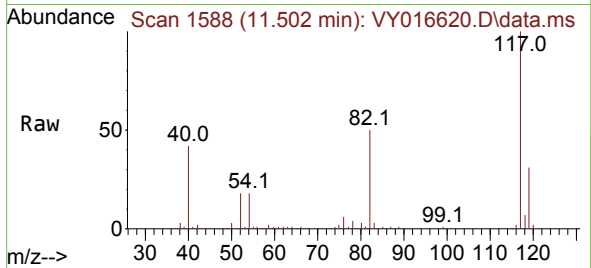




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

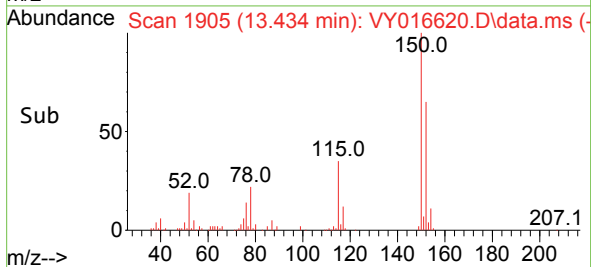
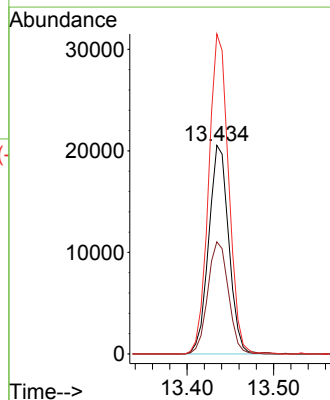
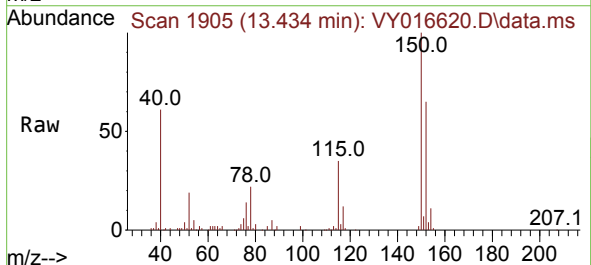
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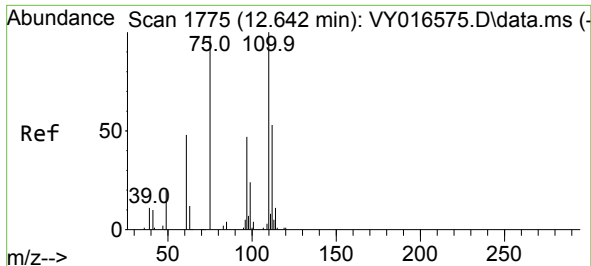
Tgt Ion:117 Resp: 75025
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion:152 Resp: 33140
Ion Ratio Lower Upper
152 100
115 55.0 28.8 86.5
150 152.4 0.0 348.8

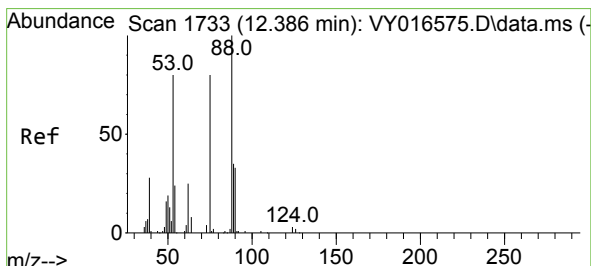
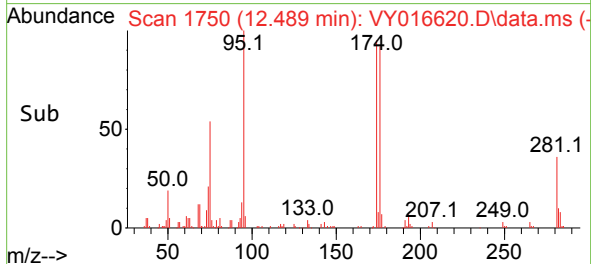
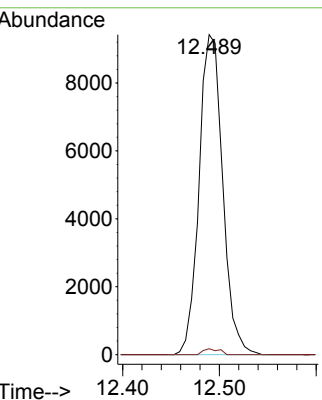
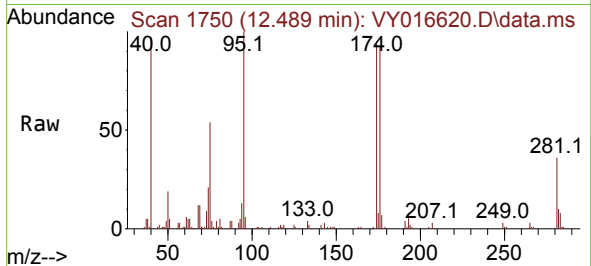




#76
1,2,3-Trichloropropane
Concen: 53.387 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

Tgt Ion: 75 Resp: 15982
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.430 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 75 Resp: 15982
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

