

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016597.D
 Acq On : 05 Dec 2023 15:33
 Operator : SY/MD
 Sample : 05599-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-01

Quant Time: Dec 06 02:25:41 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)

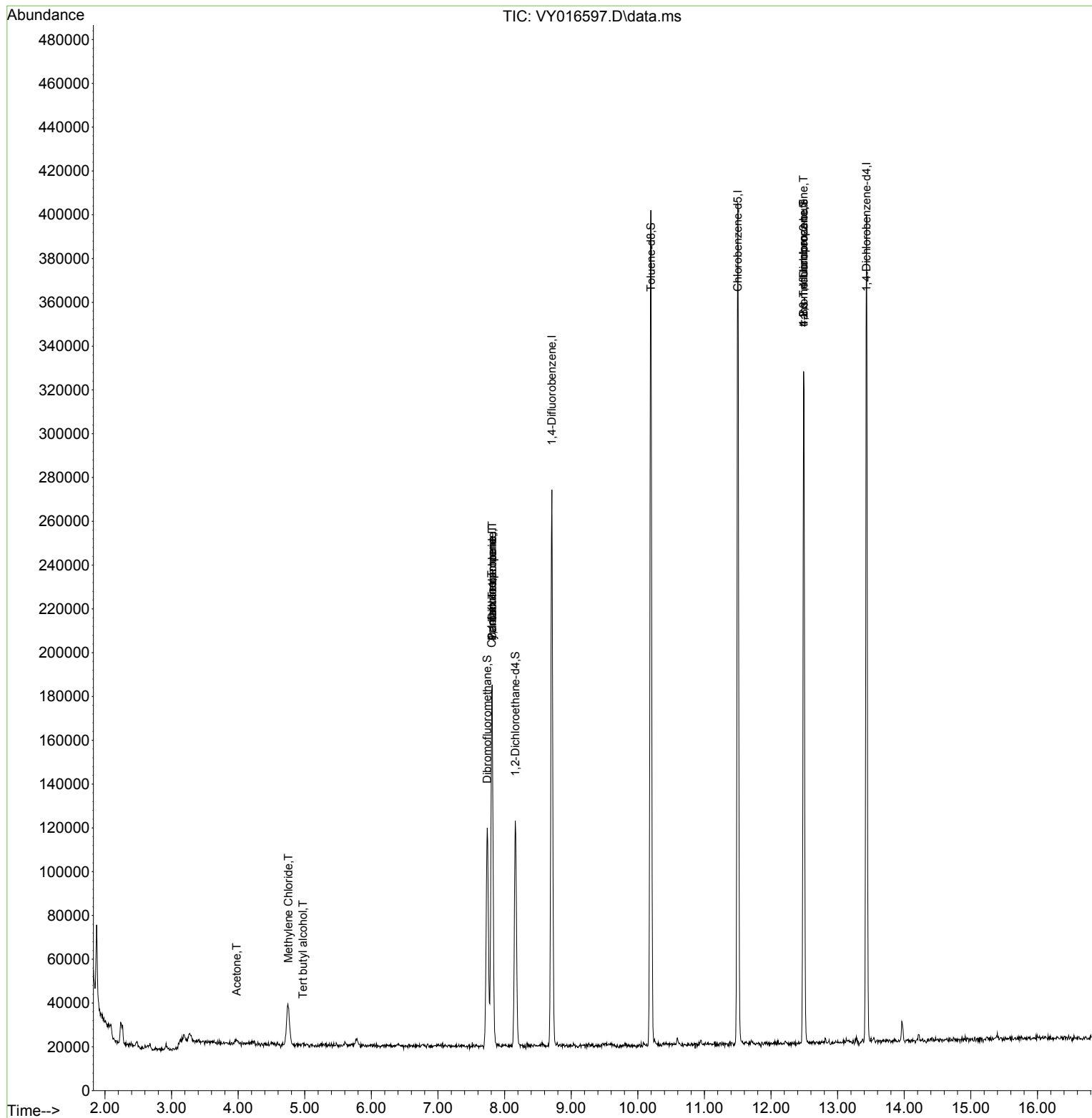
Internal Standards						
1) Pentafluorobenzene	7.813	168	131233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	217744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	211213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	85215	70.255	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.500%			
35) Dibromofluoromethane	7.740	113	69361	52.932	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.860%			
50) Toluene-d8	10.197	98	252201	50.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.489	95	91204	55.953	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.900%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	243	2.940	ug/l #	89
16) Acetone	3.979	43	3224	11.746	ug/l #	87
20) Methylene Chloride	4.753	84	14835	9.533	ug/l #	84
31) Cyclohexane	7.807	56	2503	1.209	ug/l #	42
36) 1,1-Dichloropropene	7.813	75	8977	4.507	ug/l #	50
38) Carbon Tetrachloride	7.813	117	12687	5.502	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	48041	51.840	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48041	116.941	ug/l #	10
95) Naphthalene	15.251	128	1025	Below Cal	#	82
96) 1,2,3-Trichlorobenzene	15.422	180	165	Below Cal	#	81

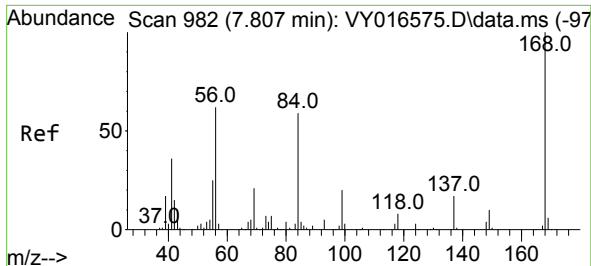
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 05 01:24:25 2023
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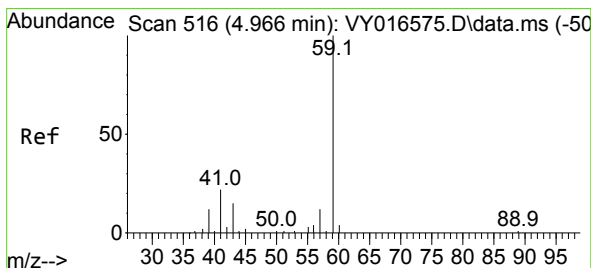
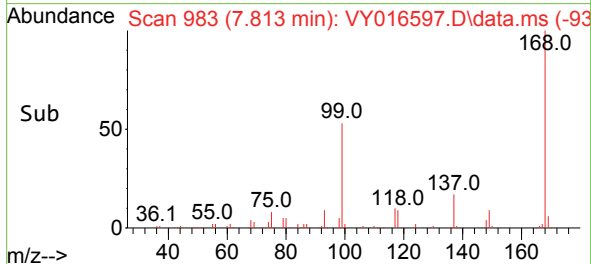
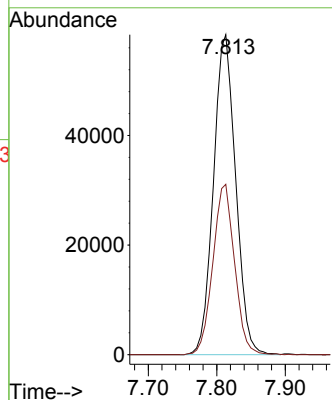
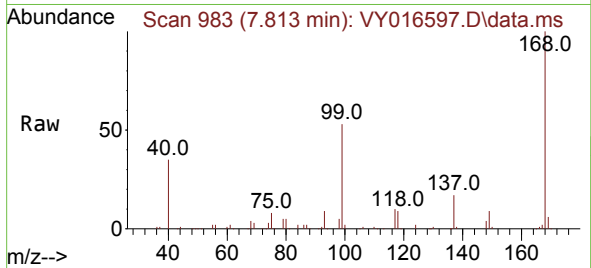




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

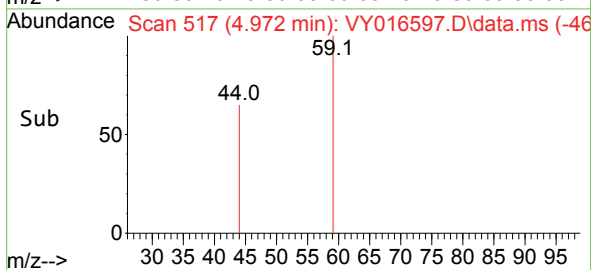
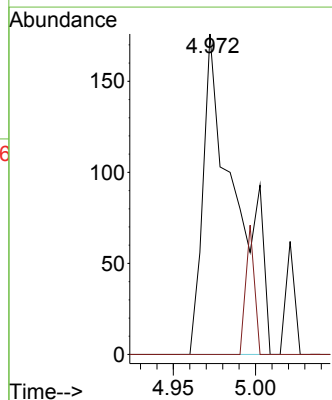
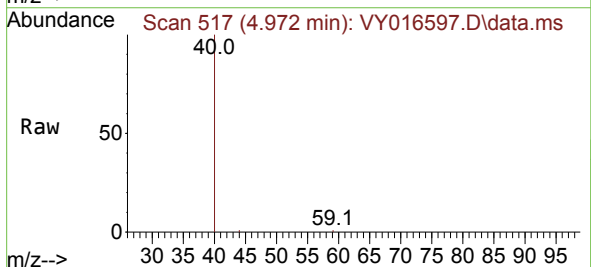
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

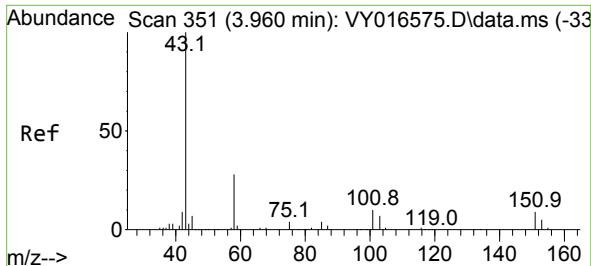
Tgt Ion:168 Resp: 131233
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.940 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

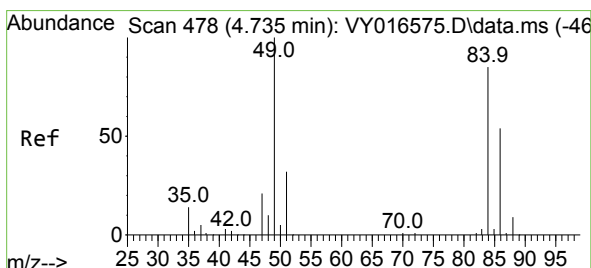
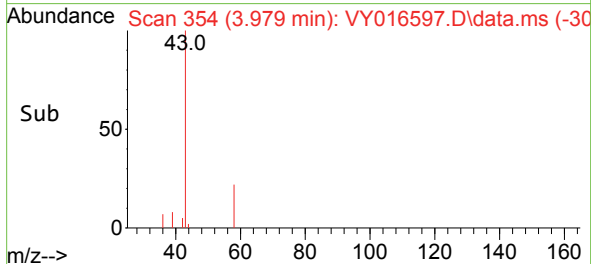
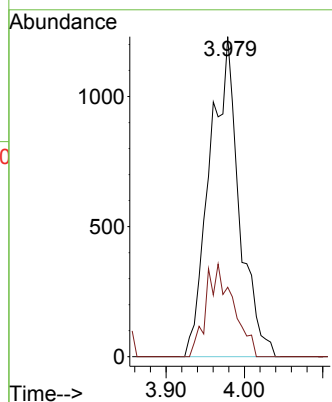
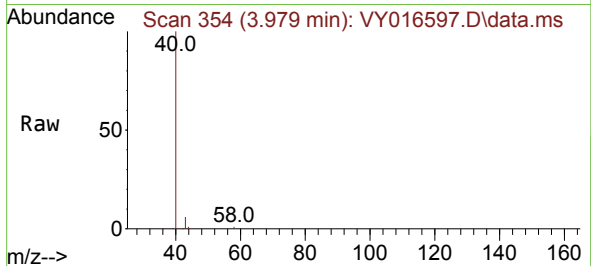




#16
Acetone
Concen: 11.746 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

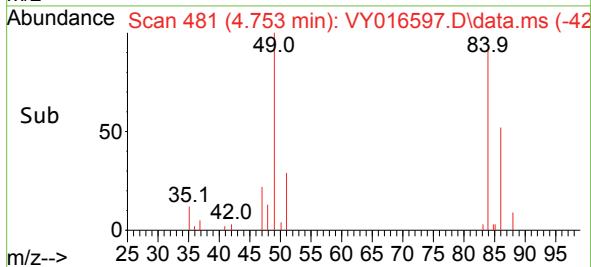
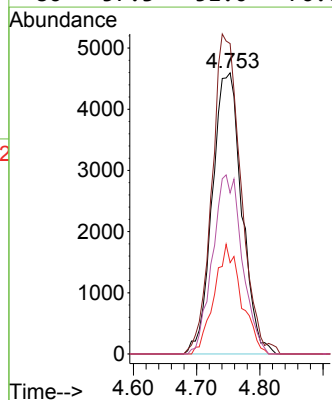
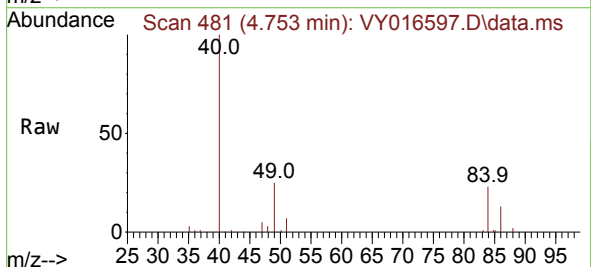
Instrument :
MSVOA_Y
ClientSampleId :
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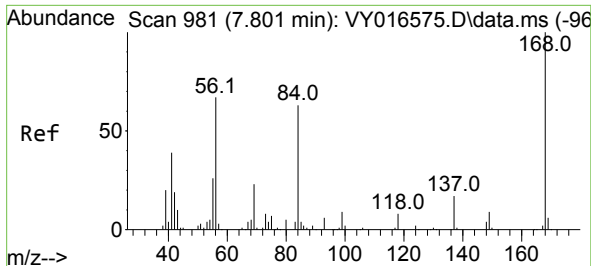
Tgt Ion: 43 Resp: 3224
Ion Ratio Lower Upper
43 100
58 21.7 22.7 34.1#



#20
Methylene Chloride
Concen: 9.533 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.018 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 84 Resp: 14835
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 32.5 33.2 49.8#
86 57.3 51.0 76.6

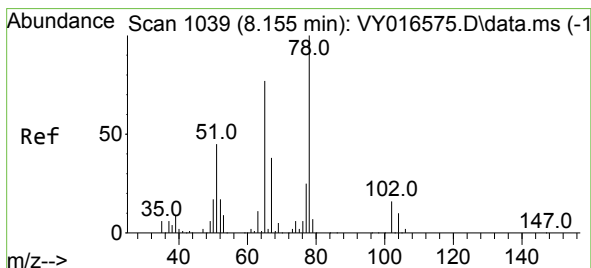
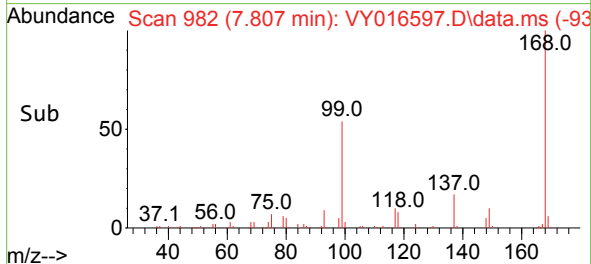
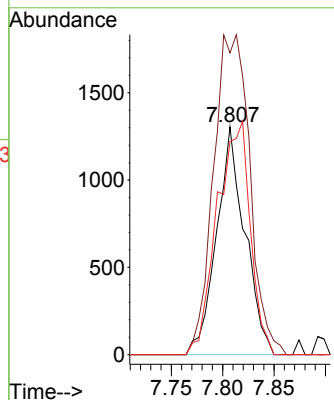
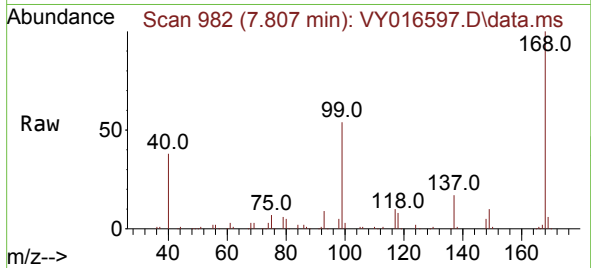




#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

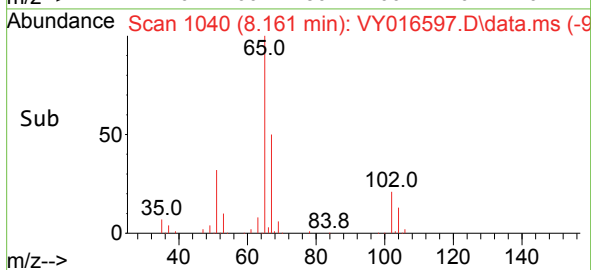
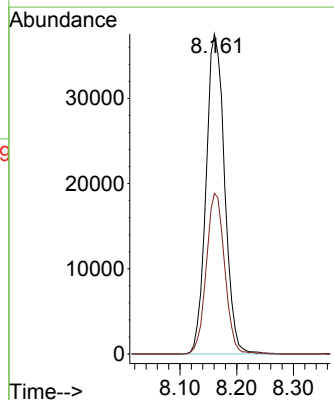
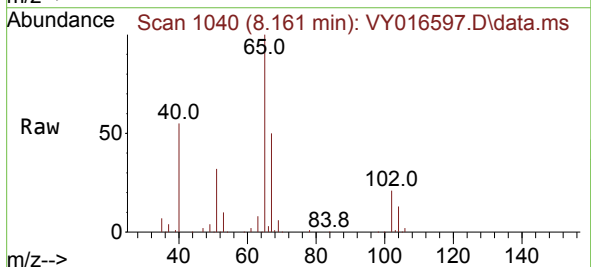
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

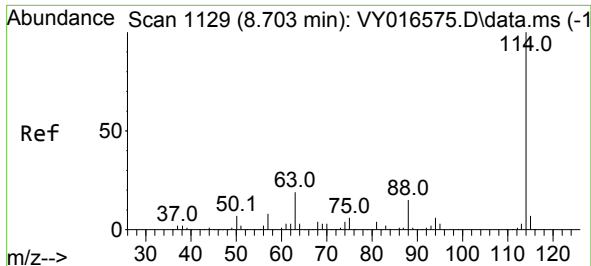
Tgt Ion: 56 Resp: 2503
Ion Ratio Lower Upper
56 100
69 132.5 27.8 41.6#
84 93.6 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 70.255 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 65 Resp: 85215
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

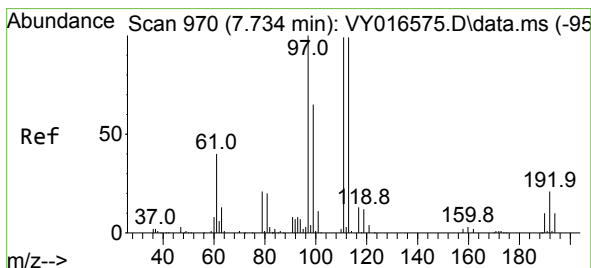
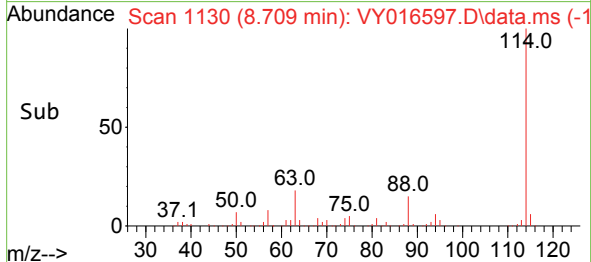
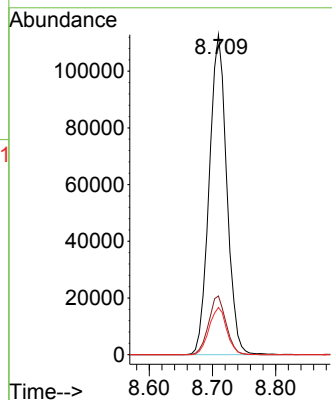
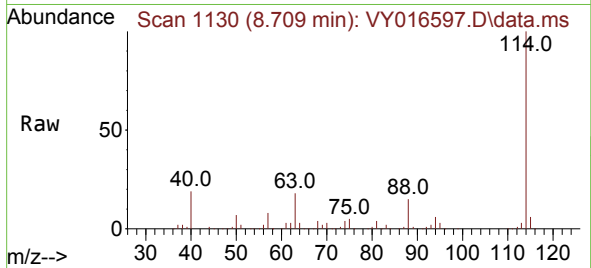




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

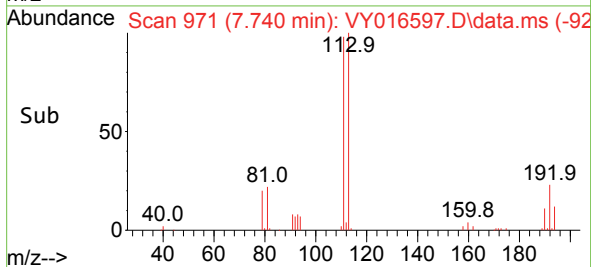
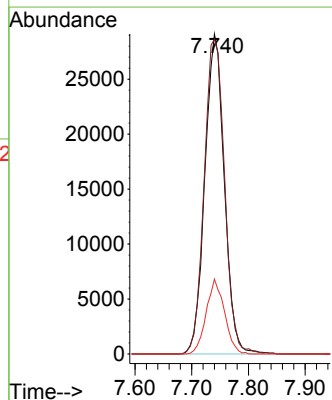
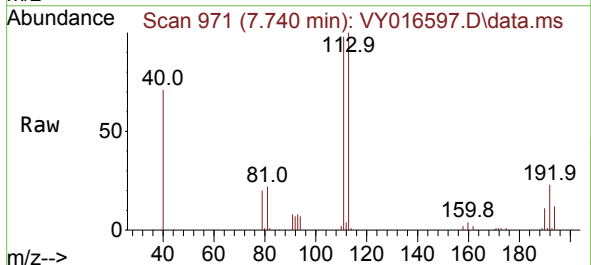
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

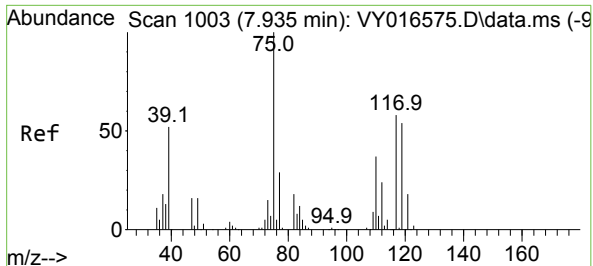
Tgt Ion:114 Resp: 217744
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.932 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion:113 Resp: 69361
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 22.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.507 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY016597.D

Acq: 05 Dec 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-01

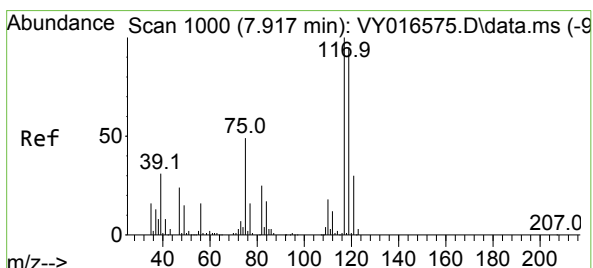
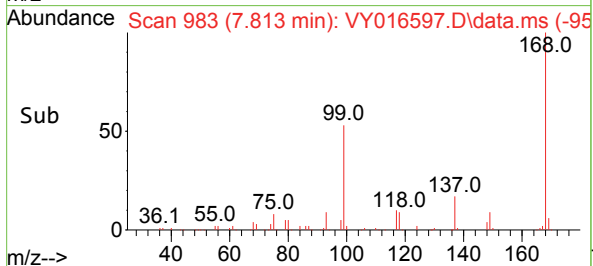
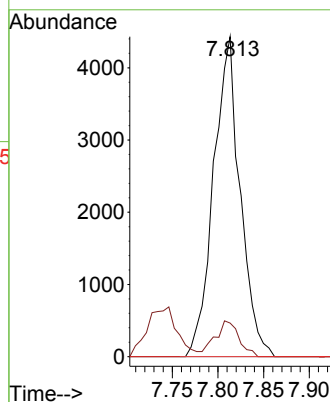
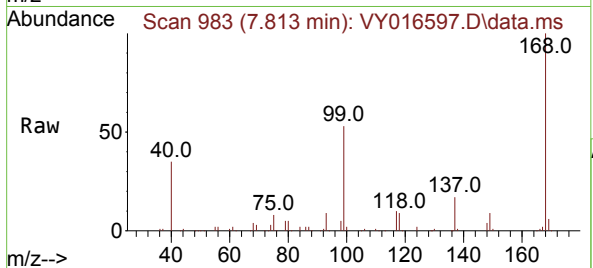
Tgt Ion: 75 Resp: 8977

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

RT: 7.813 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY016597.D

Acq: 05 Dec 2023 15:33

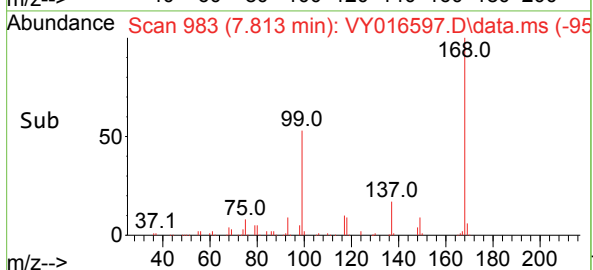
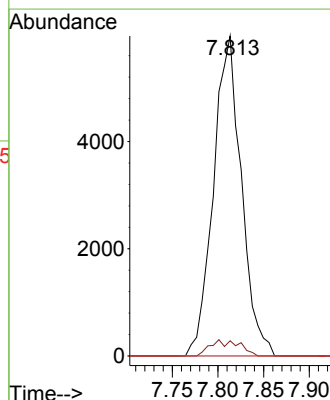
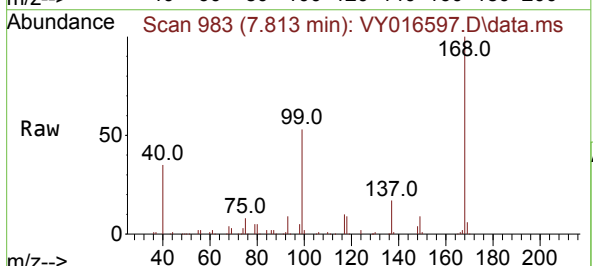
Tgt Ion: 117 Resp: 12687

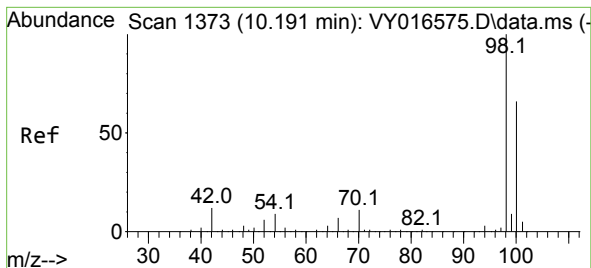
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.882 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016597.D

Acq: 05 Dec 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

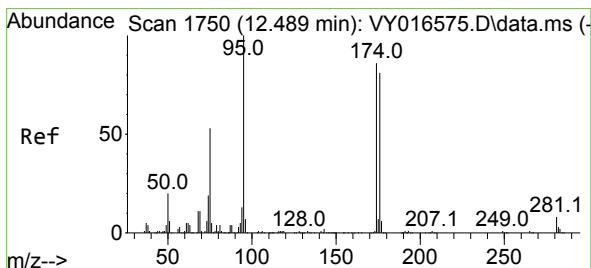
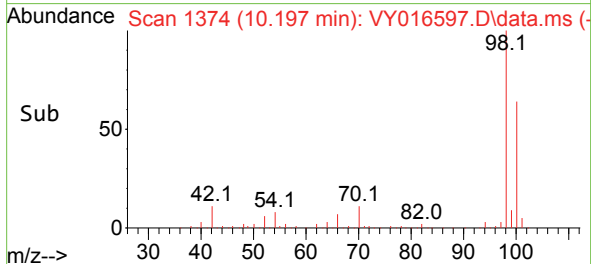
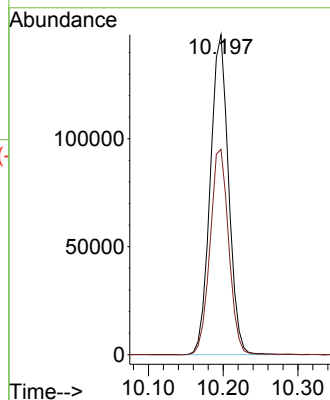
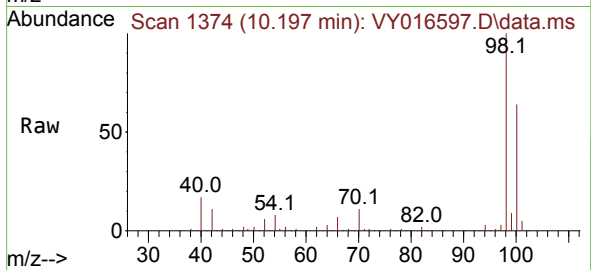
LKWD-BACKFILL-01

Tgt Ion: 98 Resp: 252201

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.953 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016597.D

Acq: 05 Dec 2023 15:33

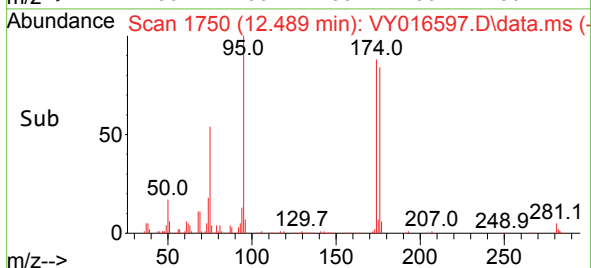
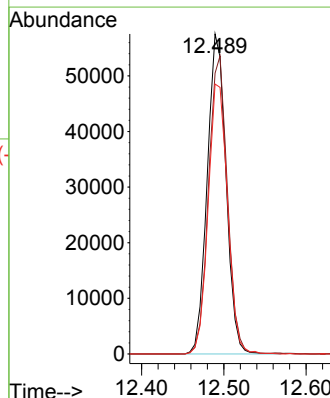
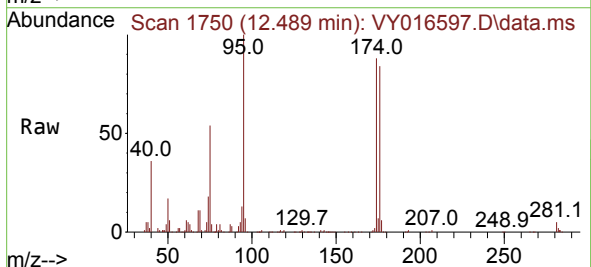
Tgt Ion: 95 Resp: 91204

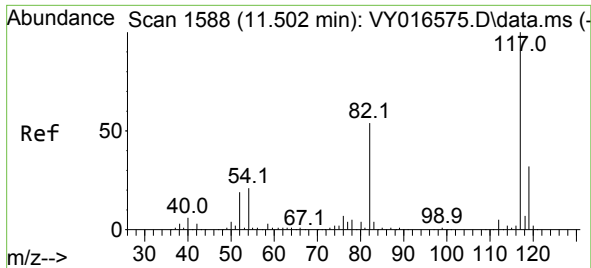
Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.2

176 87.6 0.0 173.8

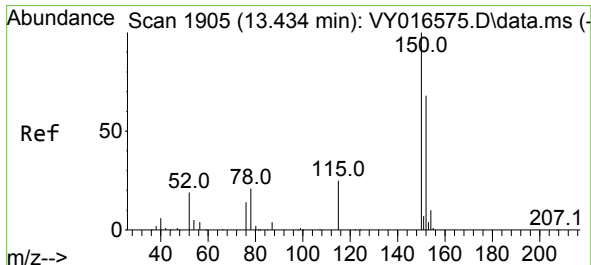
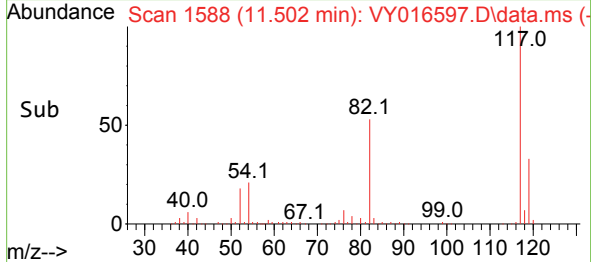
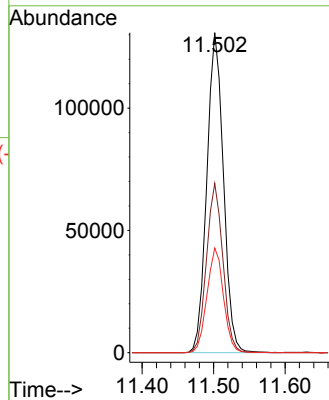
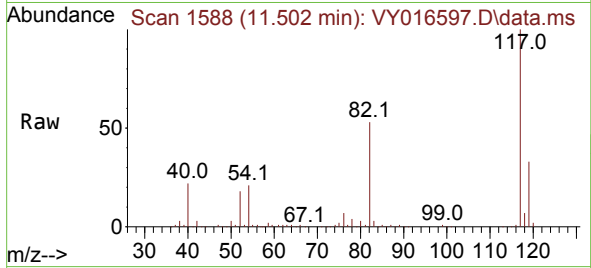




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

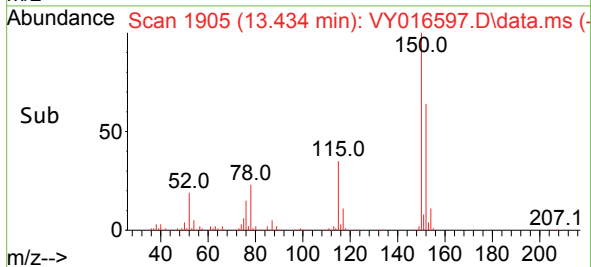
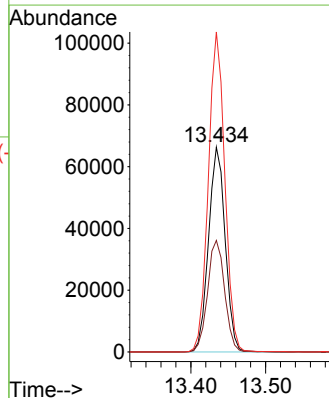
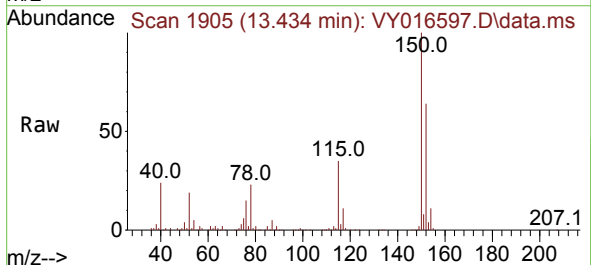
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

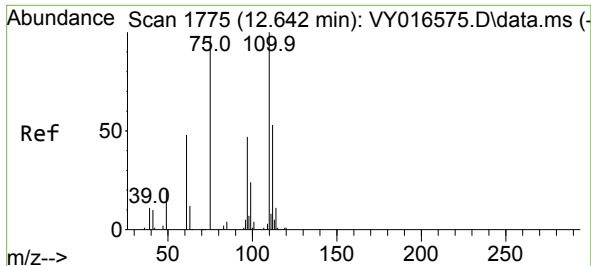
Tgt Ion:117 Resp: 211213
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion:152 Resp: 102589
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 154.7 0.0 348.8

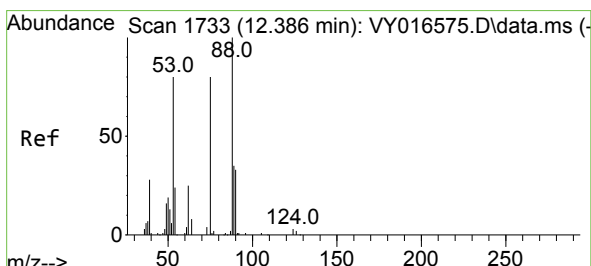
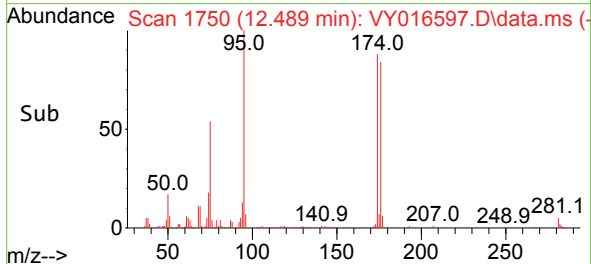
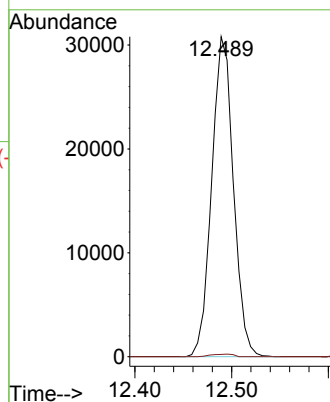
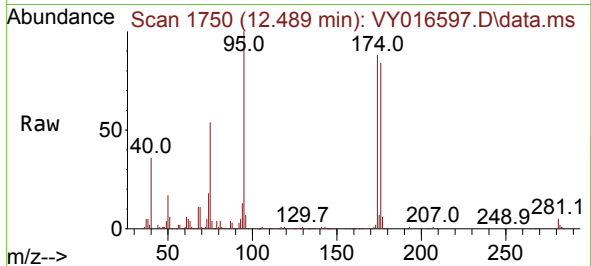




#76
1,2,3-Trichloropropane
Concen: 51.840 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

Tgt Ion: 75 Resp: 48041
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.941 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 75 Resp: 48041
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

