

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016602.D
 Acq On : 05 Dec 2023 17:30
 Operator : SY/MD
 Sample : 05599-11
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-06

Quant Time: Dec 06 02:27:27 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)

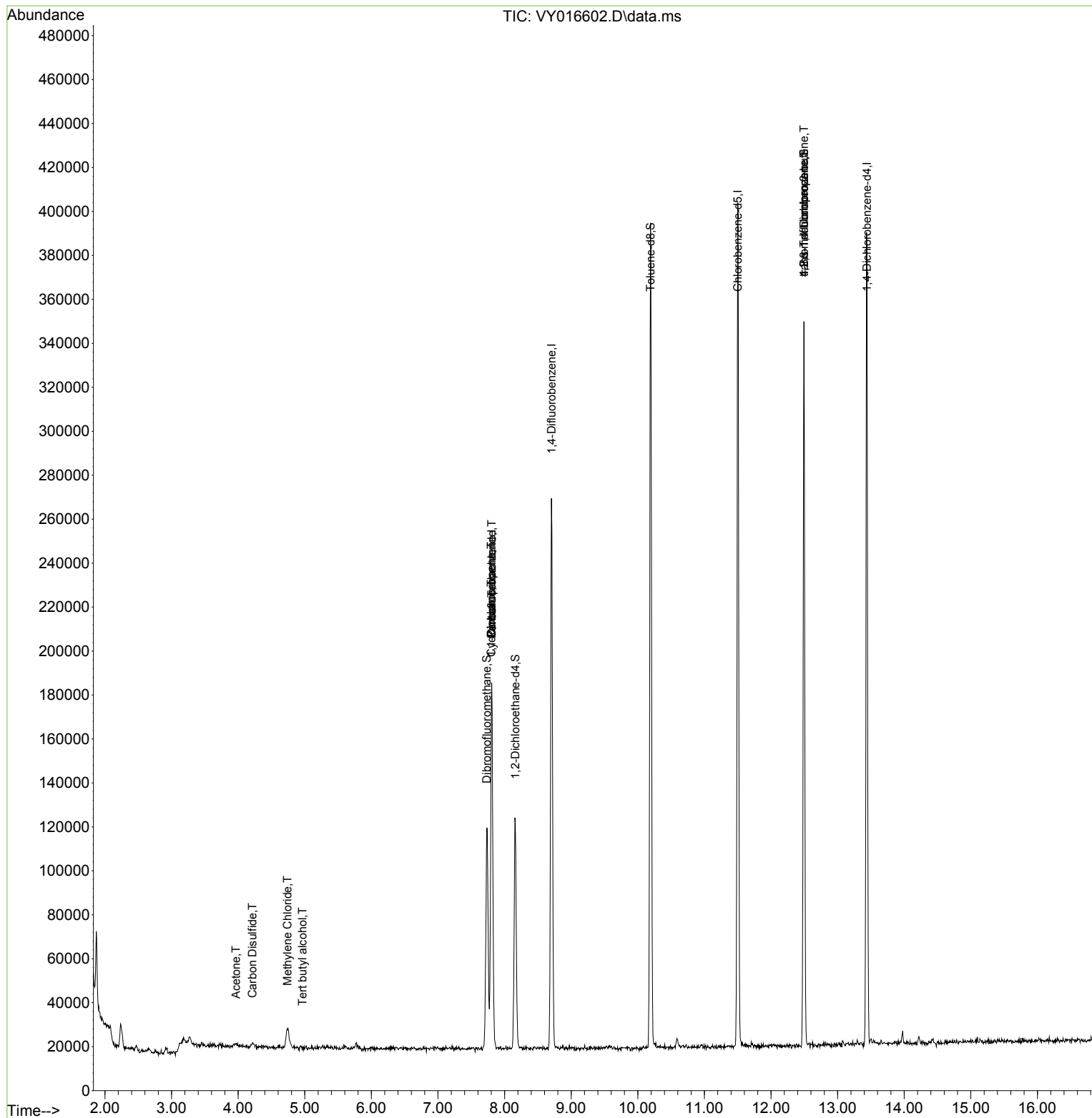
Internal Standards						
1) Pentafluorobenzene	7.807	168	133692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	86467	69.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.960%	
35) Dibromofluoromethane	7.734	113	70418	53.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.500%	
50) Toluene-d8	10.191	98	251398	50.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.495	95	90391	54.952	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	180	2.138	ug/l #	89
16) Acetone	3.966	43	2410	8.619	ug/l #	61
17) Carbon Disulfide	4.216	76	4120	1.237	ug/l #	93
20) Methylene Chloride	4.741	84	7040	2.511	ug/l #	81
31) Cyclohexane	7.801	56	2308	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9401	4.677	ug/l #	51
38) Carbon Tetrachloride	7.807	117	12866	5.529	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	48601	53.116	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	48601	119.819	ug/l #	11
95) Naphthalene	15.251	128	827	Below Cal	#	84
96) 1,2,3-Trichlorobenzene	15.446	180	54	Below Cal	#	1

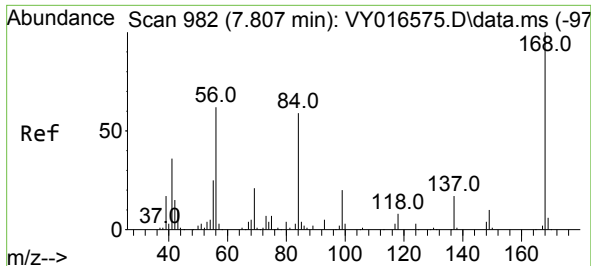
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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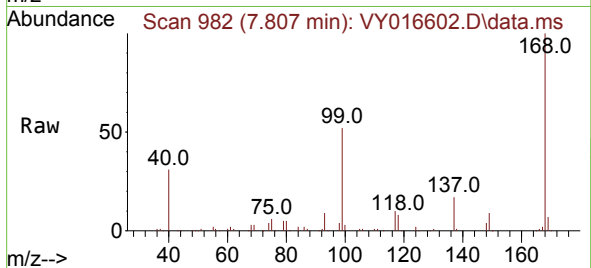
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
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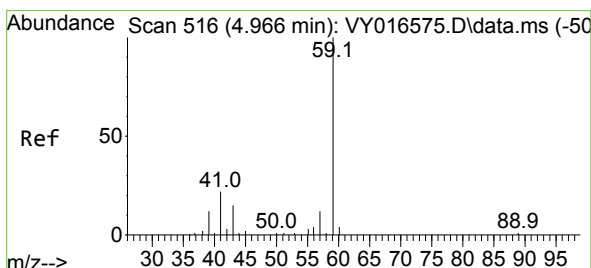
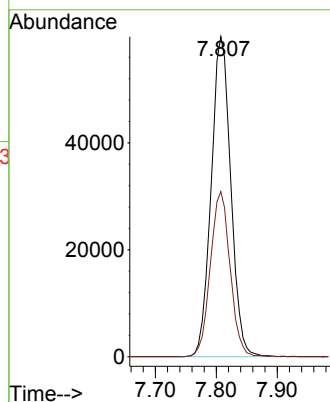
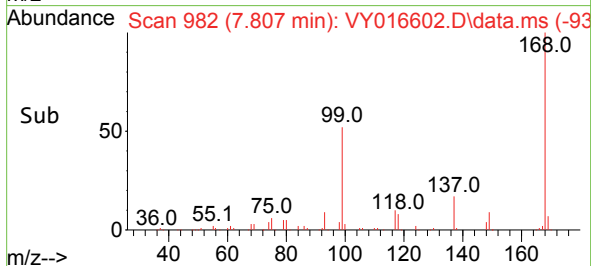


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06

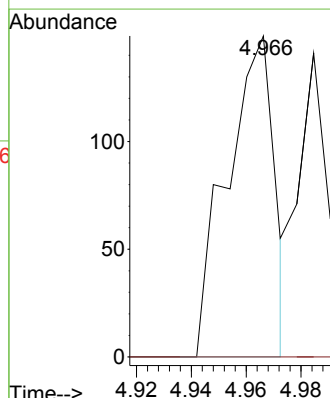
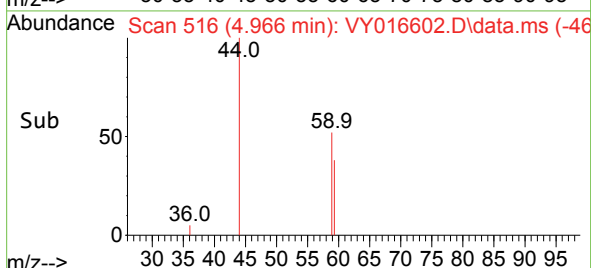
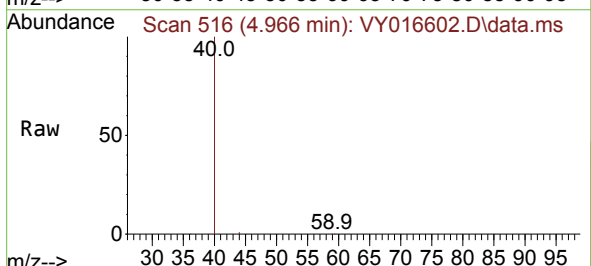


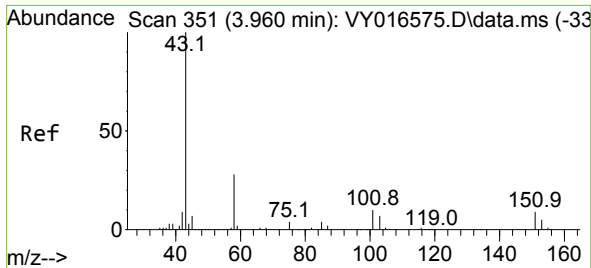
Tgt Ion:168 Resp: 133692
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.138 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

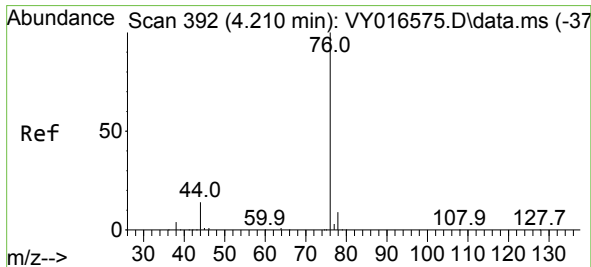
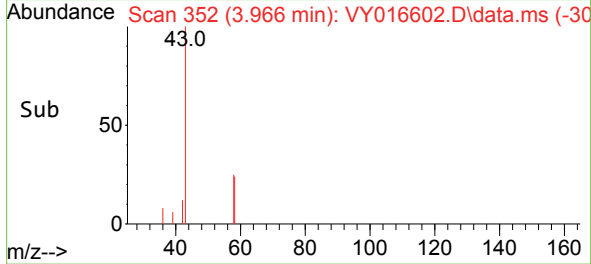
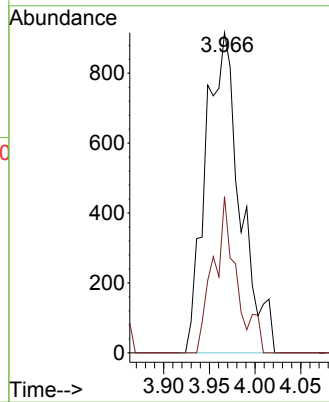
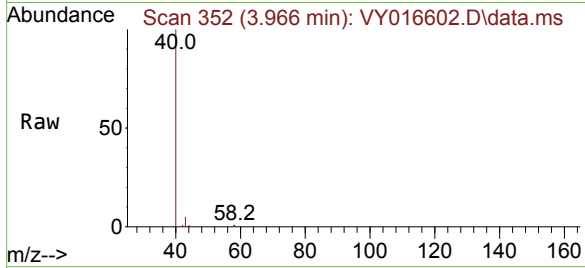




#16
Acetone
Concen: 8.619 ug/l
RT: 3.966 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

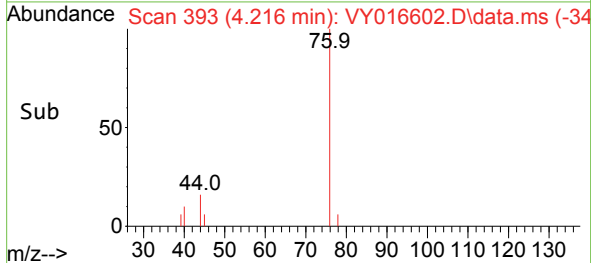
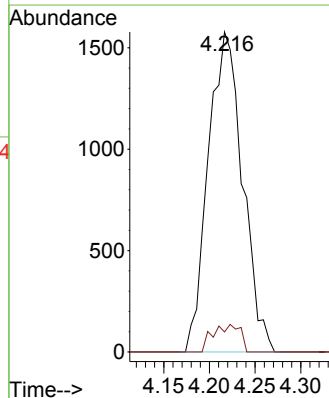
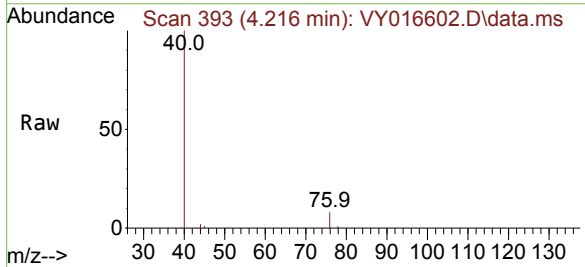
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06

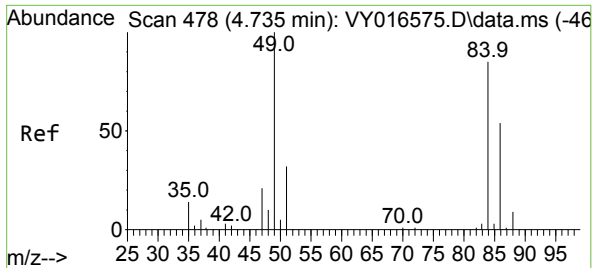
Tgt Ion: 43 Resp: 2410
Ion Ratio Lower Upper
43 100
58 48.8 22.7 34.1#



#17
Carbon Disulfide
Concen: 1.237 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 76 Resp: 4120
Ion Ratio Lower Upper
76 100
78 6.3 7.0 10.4#

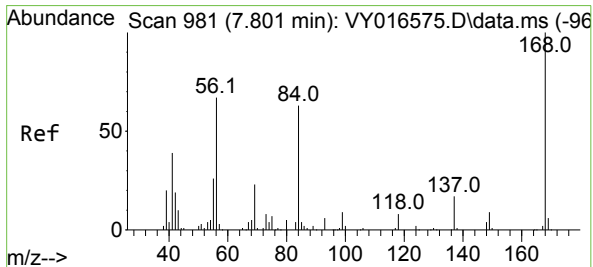
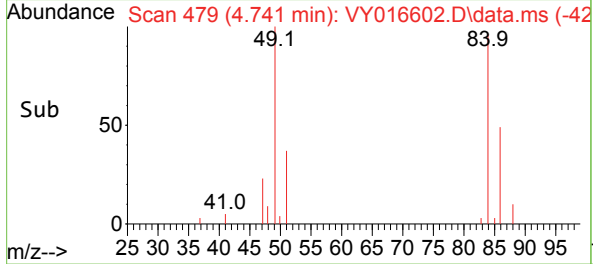
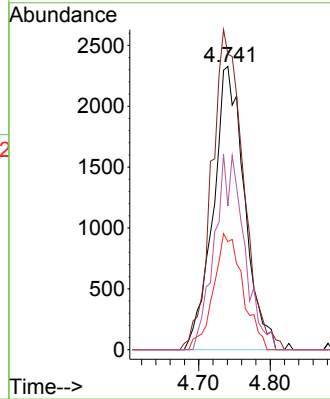
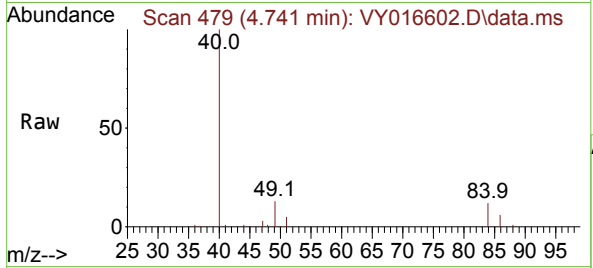




#20
Methylene Chloride
Concen: 2.511 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

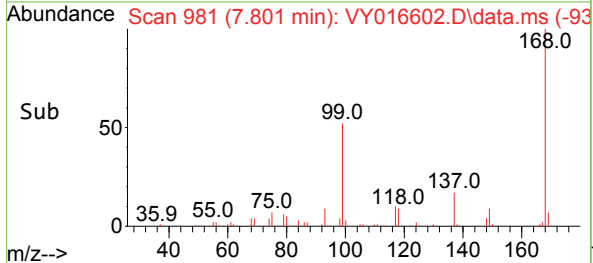
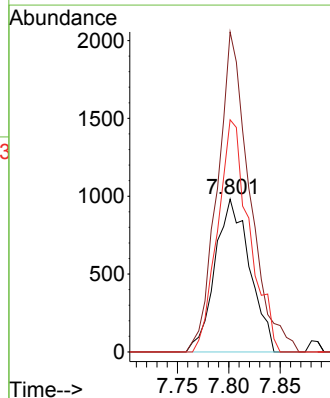
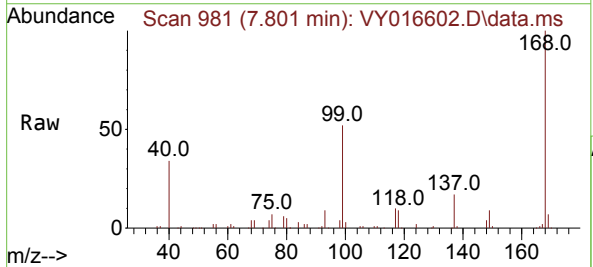
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06

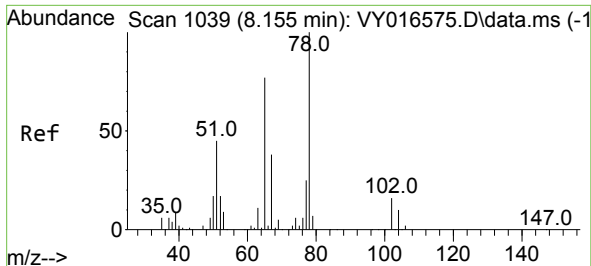
Tgt Ion: 84	Resp: 7040
Ion Ratio	Lower Upper
84 100	
49 104.3	106.9 160.3#
51 38.2	33.2 49.8
86 50.8	51.0 76.6#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 56	Resp: 2308
Ion Ratio	Lower Upper
56 100	
69 209.5	27.8 41.6#
84 152.0	66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 69.976 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016602.D

Acq: 05 Dec 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

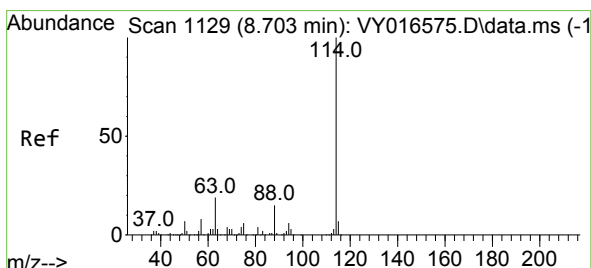
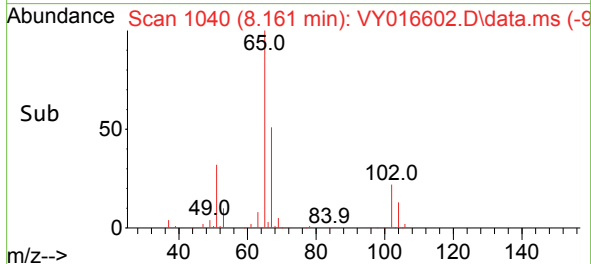
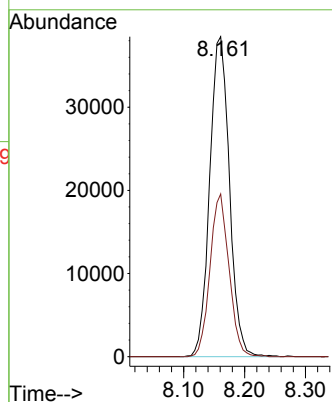
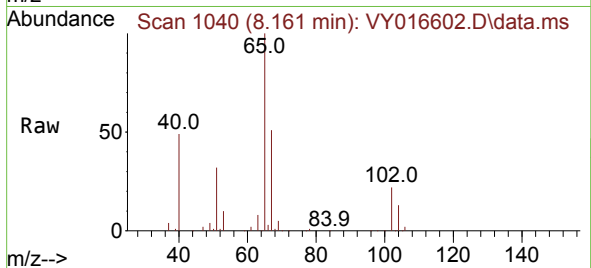
LKWD-BACKFILL-06

Tgt Ion: 65 Resp: 86467

Ion Ratio Lower Upper

65 100

67 49.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016602.D

Acq: 05 Dec 2023 17:30

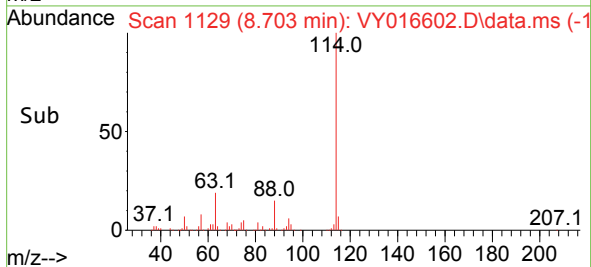
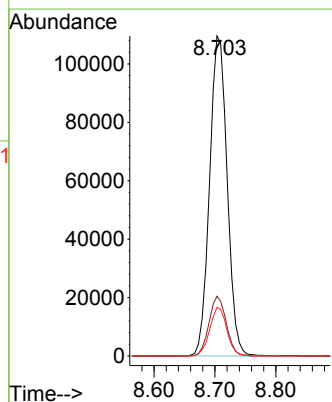
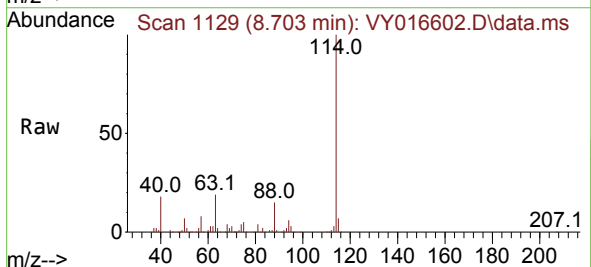
Tgt Ion: 114 Resp: 219737

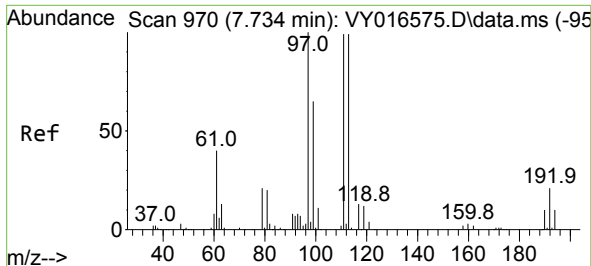
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

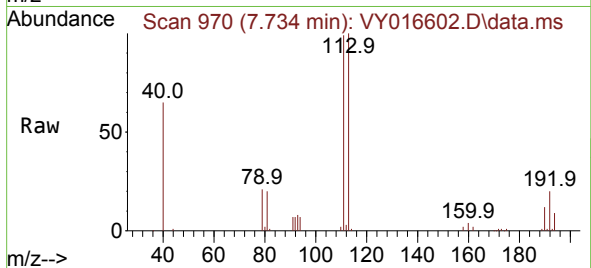
88 15.2 0.0 30.6



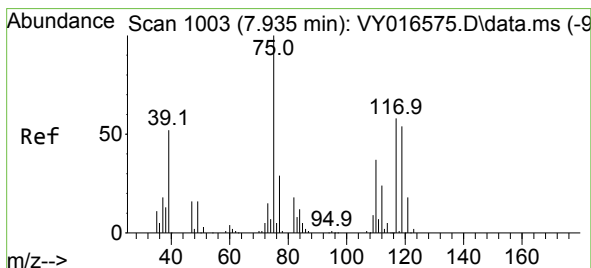
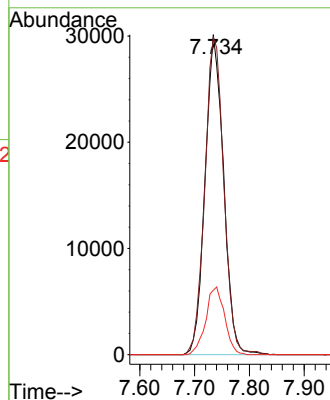
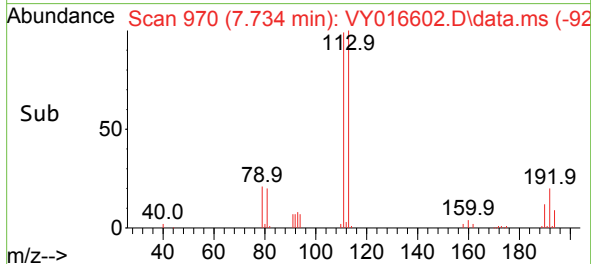


#35
Dibromofluoromethane
Concen: 53.251 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-06

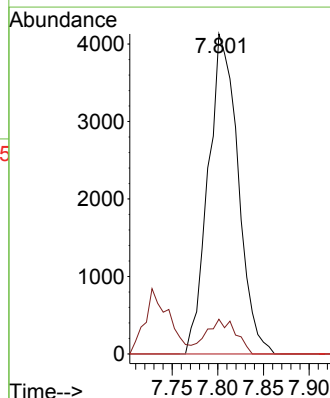
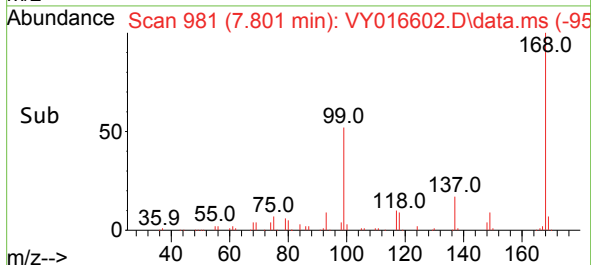
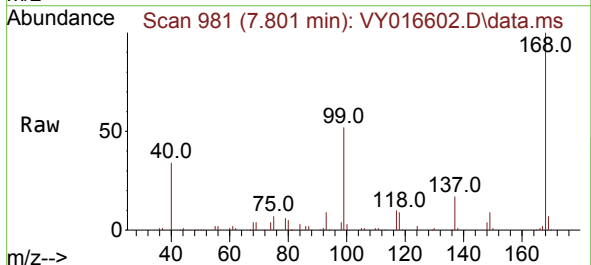


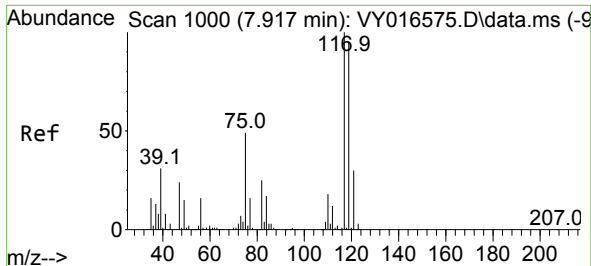
Tgt Ion:113 Resp: 70418
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 75 Resp: 9401
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#

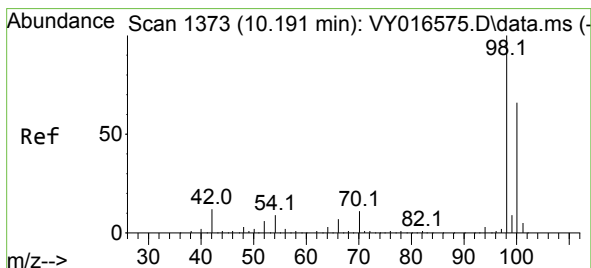
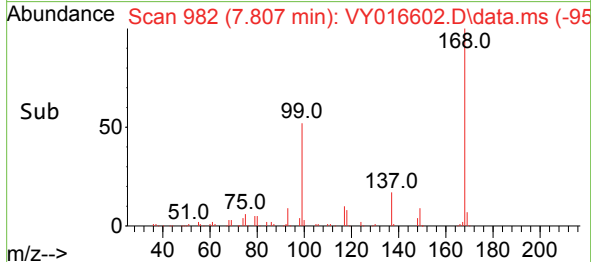
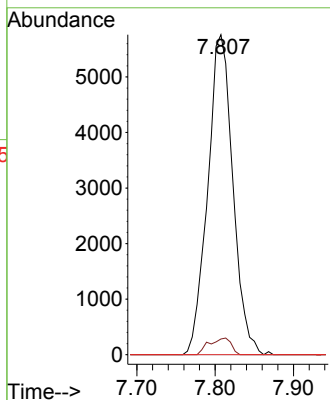
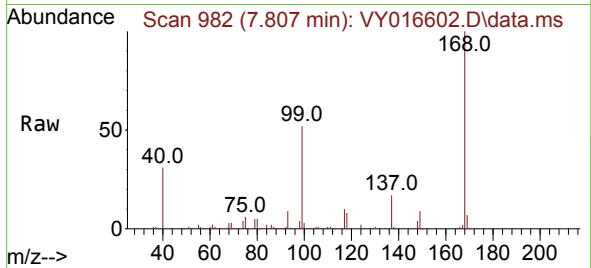




#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

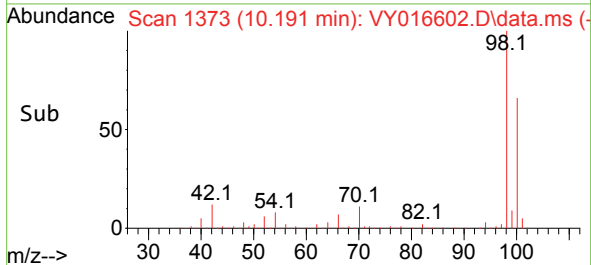
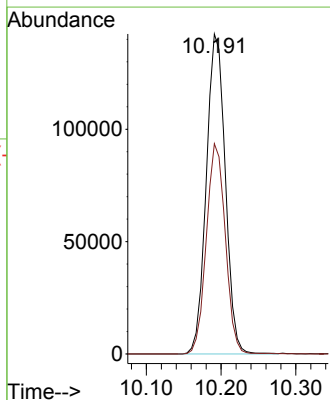
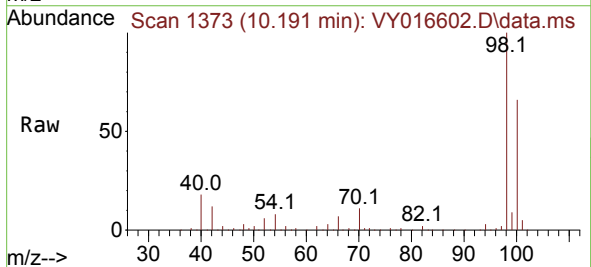
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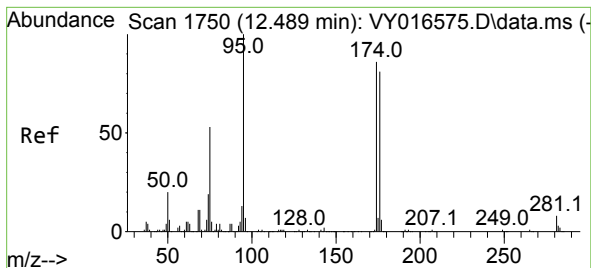
Tgt Ion:117 Resp: 12866
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.260 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion: 98 Resp: 251398
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

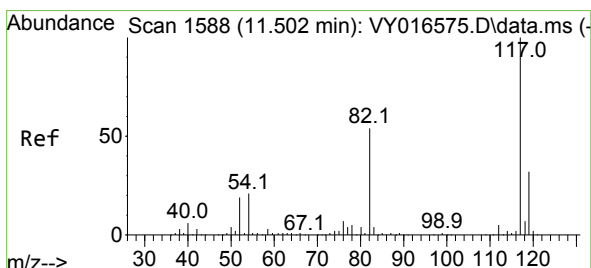
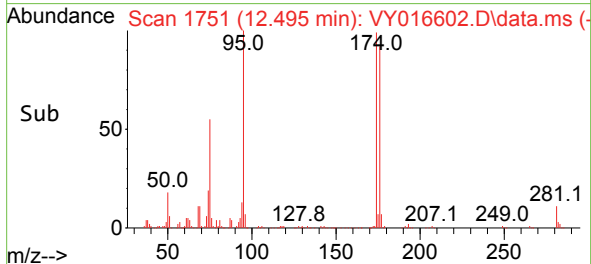
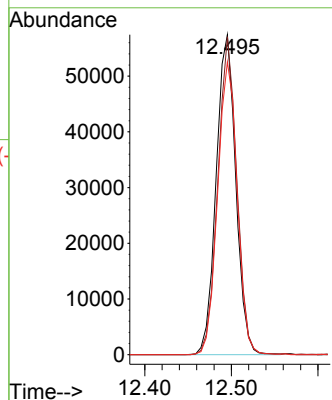
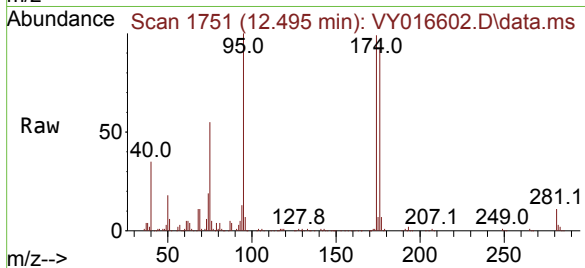




#62
4-Bromofluorobenzene
Concen: 54.952 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

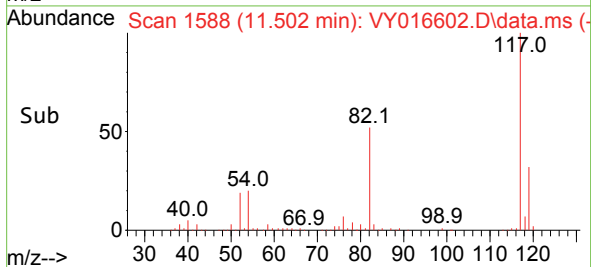
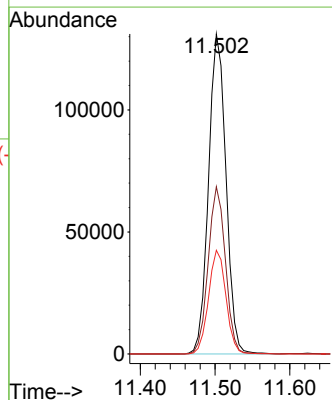
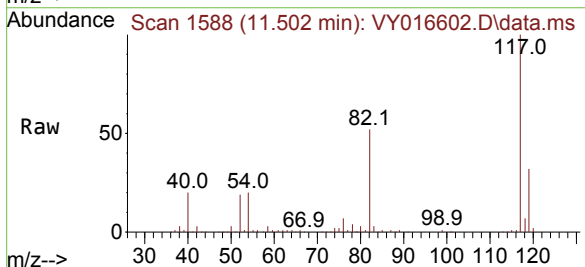
Instrument :
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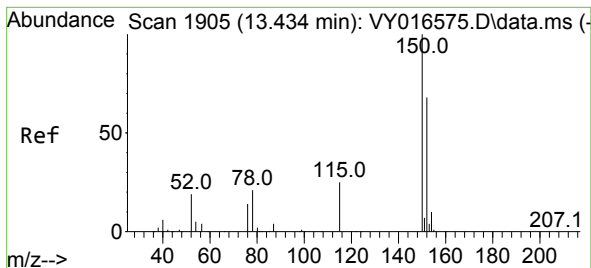
Tgt Ion:	95	Resp:	90391
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	178.2
176	91.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016602.D
Acq: 05 Dec 2023 17:30

Tgt Ion:	117	Resp:	213081
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.4	65.0
119	32.4	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016602.D

Acq: 05 Dec 2023 17:30

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-06

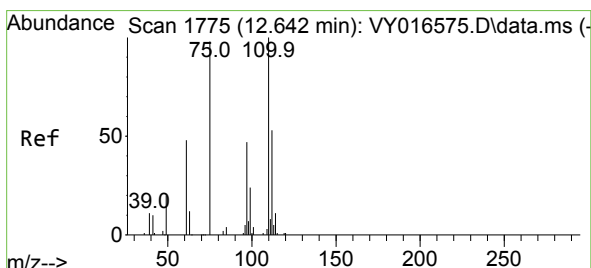
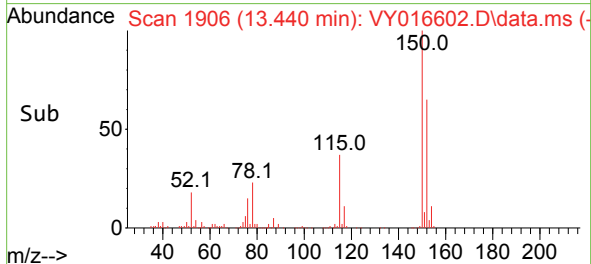
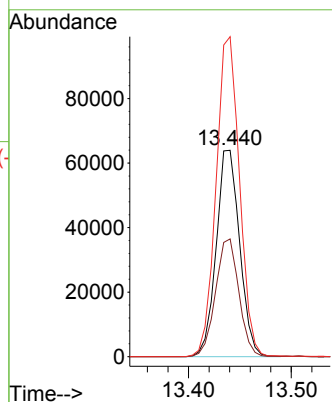
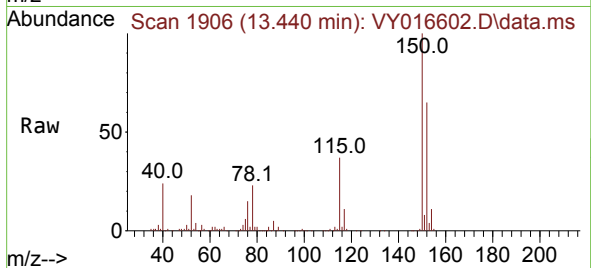
Tgt Ion:152 Resp: 101292

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 53.116 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY016602.D

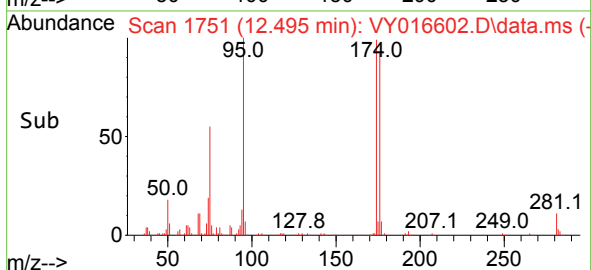
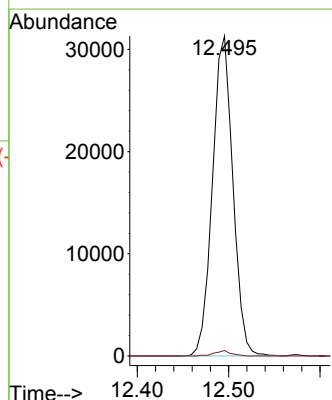
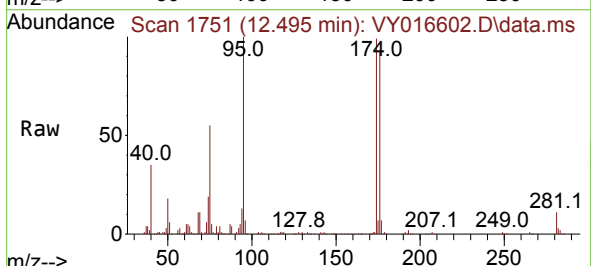
Acq: 05 Dec 2023 17:30

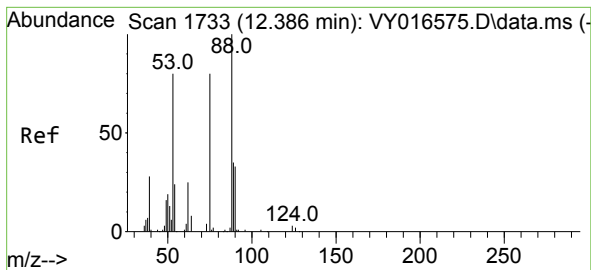
Tgt Ion: 75 Resp: 48601

Ion Ratio Lower Upper

75 100

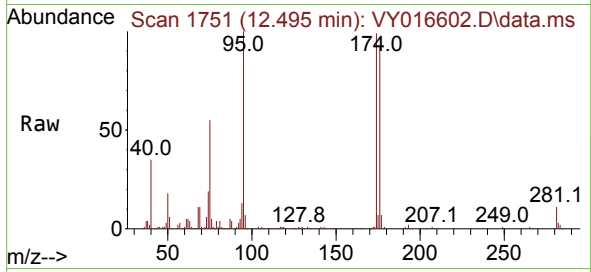
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.819 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016602.D
 Acq: 05 Dec 2023 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-06



Tgt Ion: 75 Resp: 48601
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

