

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016134.D
 Acq On : 30 Oct 2023 15:24
 Operator : SY/MD
 Sample : 05108-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 01:30:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

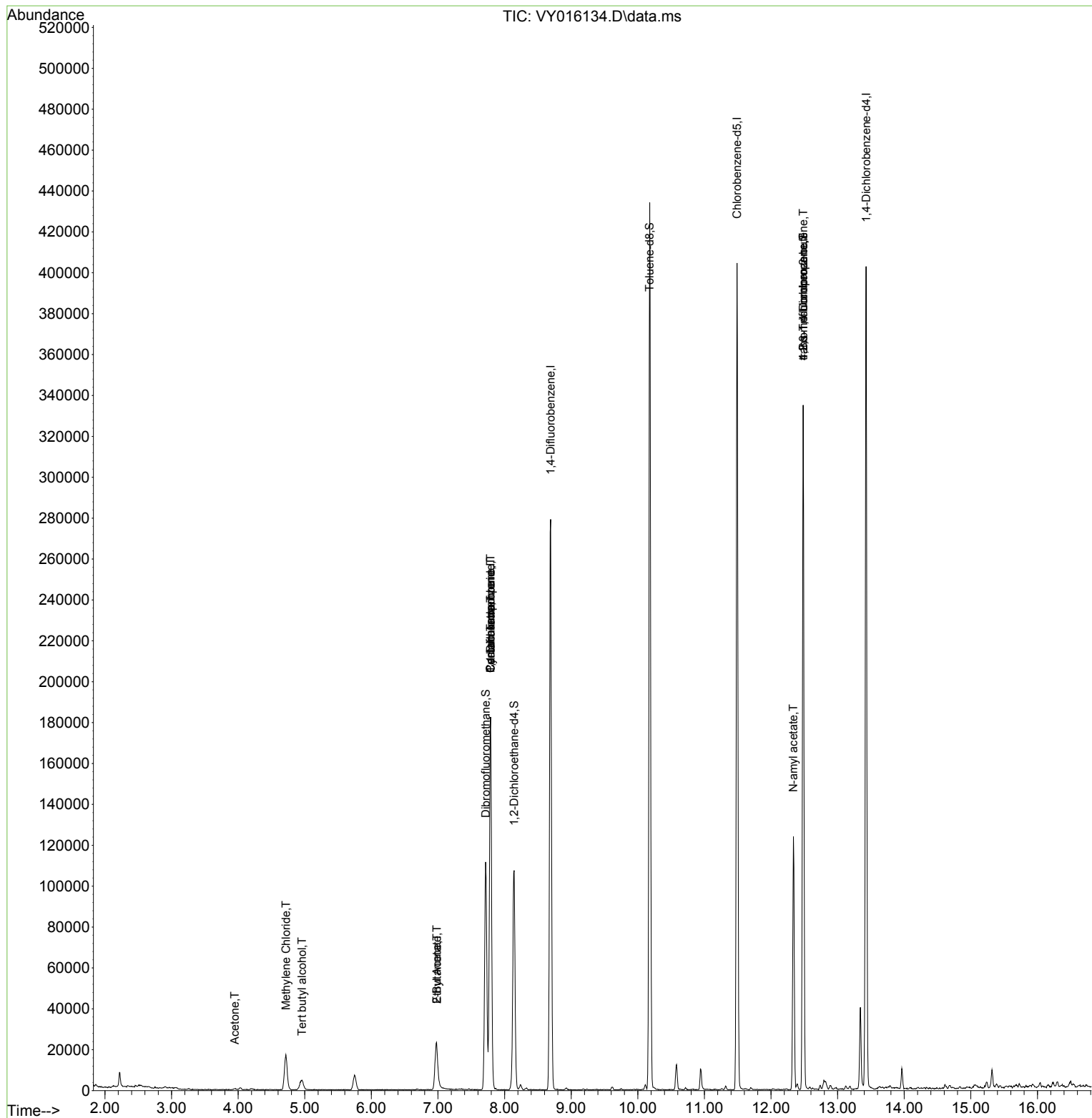
Internal Standards						
1) Pentafluorobenzene	7.789	168	144895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84675	58.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.540%	
35) Dibromofluoromethane	7.716	113	77900	50.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.179	98	281184	49.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.483	95	97301	50.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	10159	36.963	ug/l #	78
16) Acetone	3.948	43	1138	2.914	ug/l #	77
20) Methylene Chloride	4.716	84	12666	2.826	ug/l	93
25) 2-Butanone	6.984	43	1503	2.852	ug/l #	75
31) Cyclohexane	7.789	56	2878	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10834	5.075	ug/l #	50
37) Ethyl Acetate	6.984	43	1503	1.374	ug/l #	3
38) Carbon Tetrachloride	7.789	117	14057	6.227	ug/l #	16
74) N-amyl acetate	12.337	43	2358	1.322	ug/l #	10
76) 1,2,3-Trichloropropane	12.483	75	51216	48.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51216	104.862	ug/l #	11

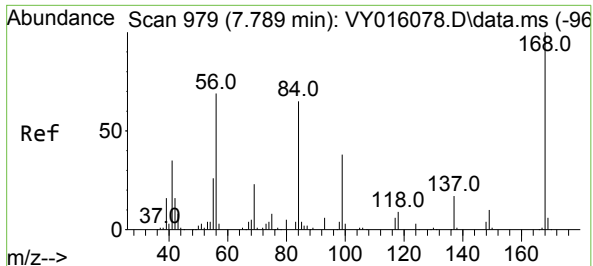
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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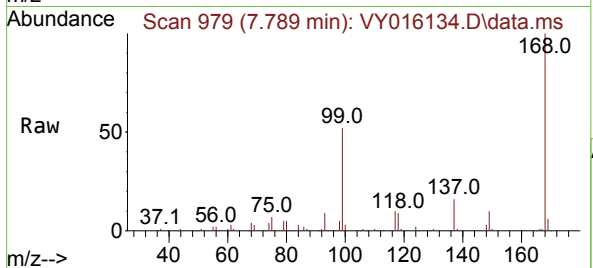
Quant Time: Oct 31 01:30:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



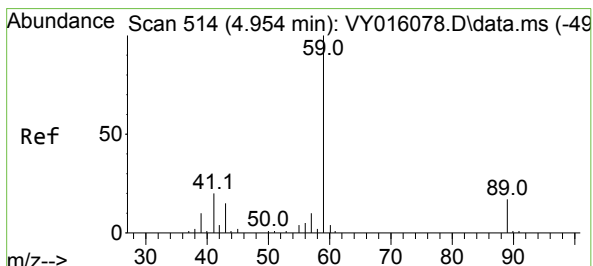
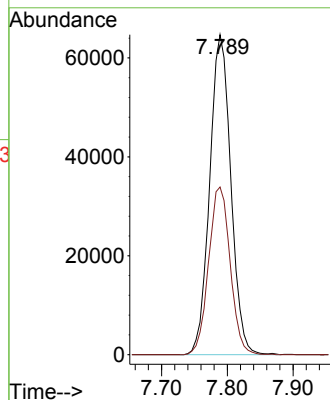
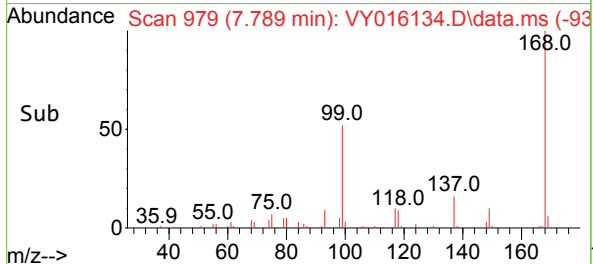


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

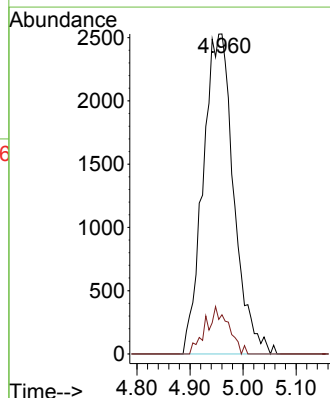
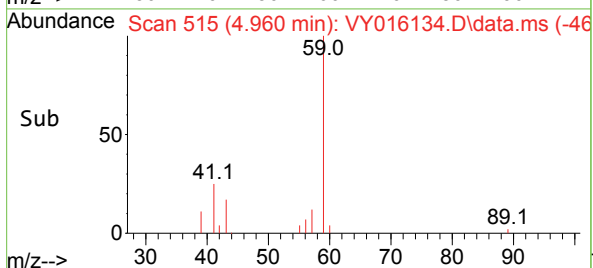
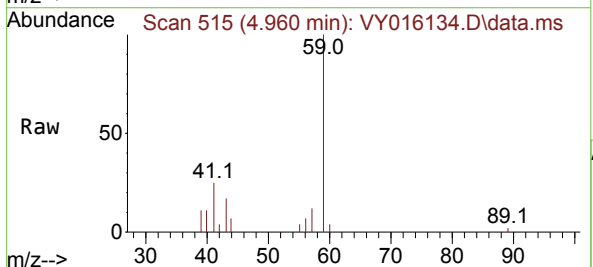


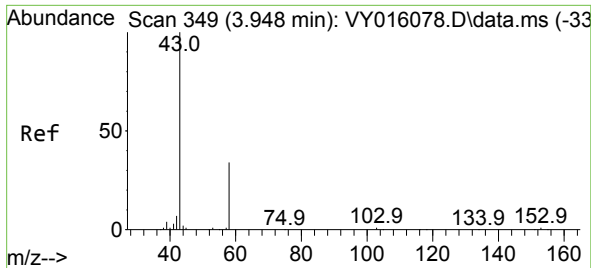
Tgt Ion:168 Resp: 144895
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 36.963 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 59 Resp: 10159
Ion Ratio Lower Upper
59 100
57 11.0 3.0 4.4#





#16

Acetone

Concen: 2.914 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

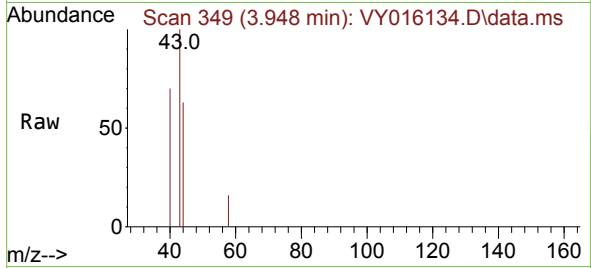
Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

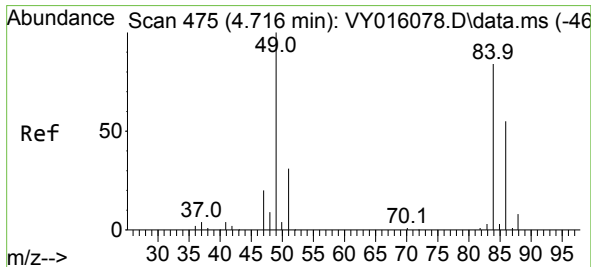
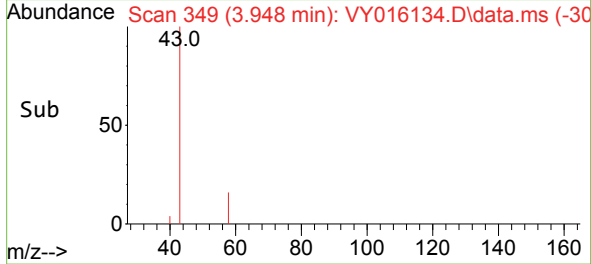
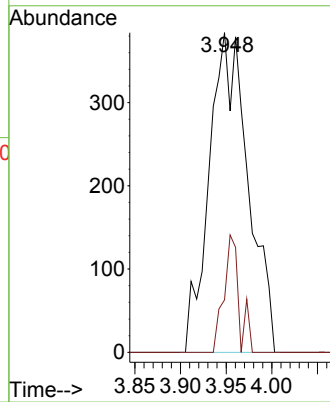


Tgt Ion: 43 Resp: 1138

Ion Ratio Lower Upper

43 100

58 16.4 22.7 34.1#



#20

Methylene Chloride

Concen: 2.826 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Tgt Ion: 84 Resp: 12666

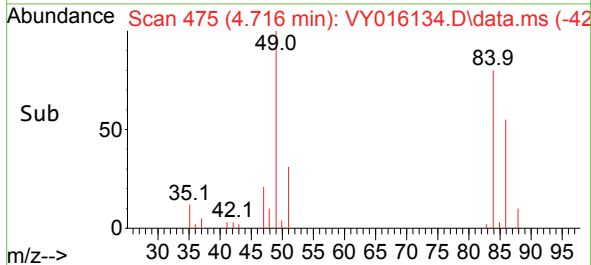
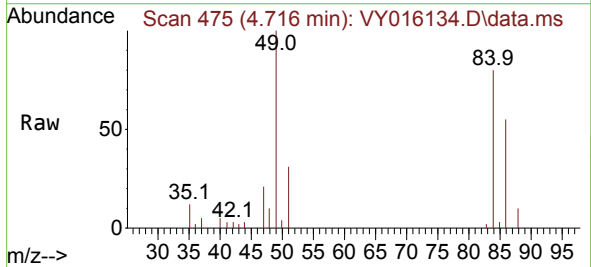
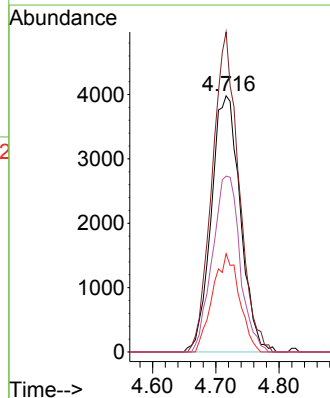
Ion Ratio Lower Upper

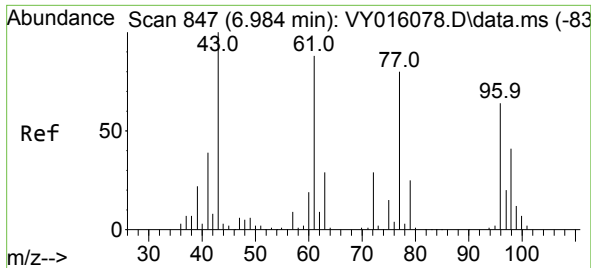
84 100

49 124.9 106.9 160.3

51 38.4 33.2 49.8

86 68.6 51.0 76.6

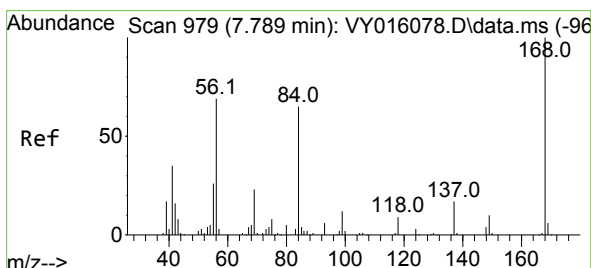
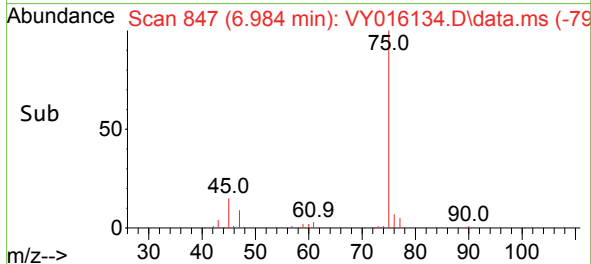
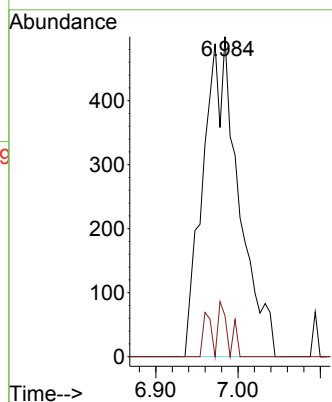
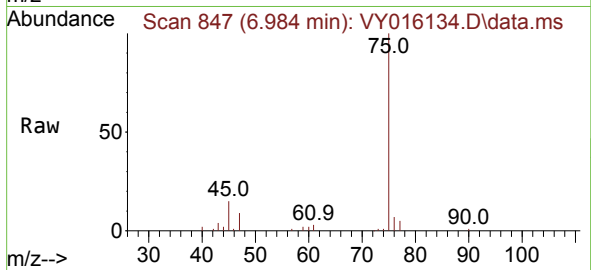




#25
2-Butanone
Concen: 2.852 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

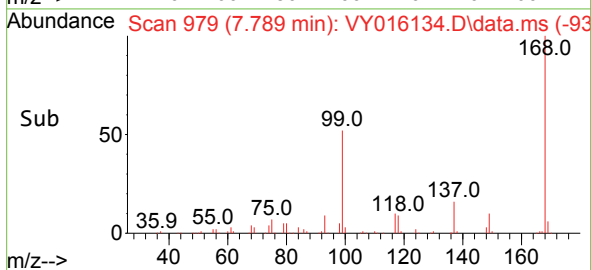
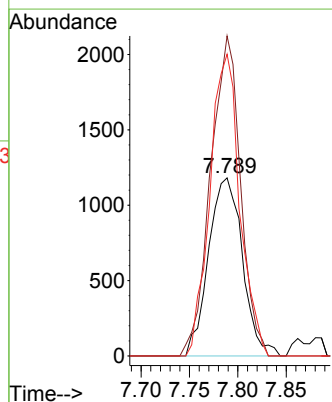
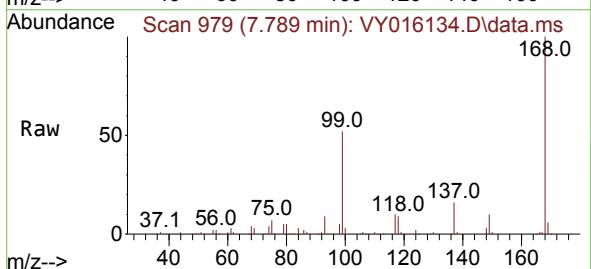
Instrument :
MSVOA_Y
ClientSampleId :

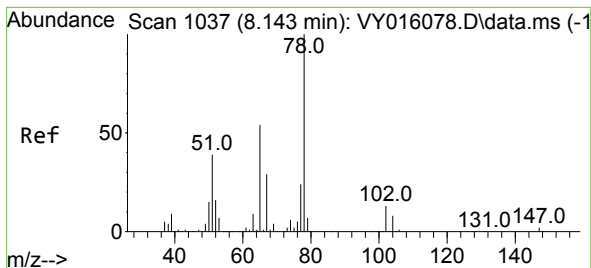
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
72 12.8 20.5 30.7#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 56 Resp: 2878
Ion Ratio Lower Upper
56 100
69 179.8 27.8 41.6#
84 169.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.770 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Instrument :

MSVOA_Y

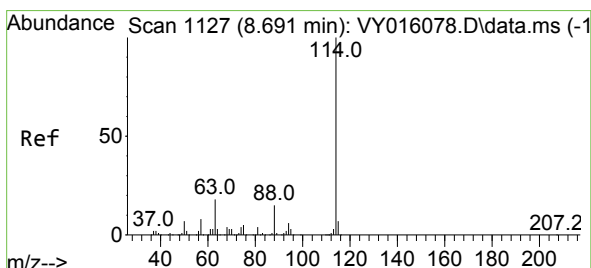
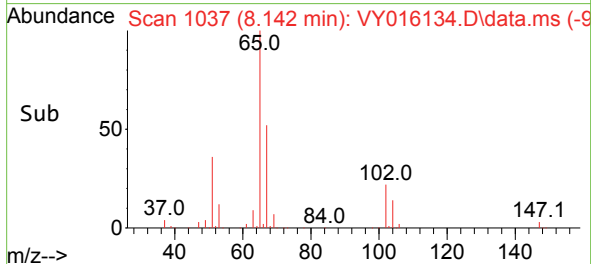
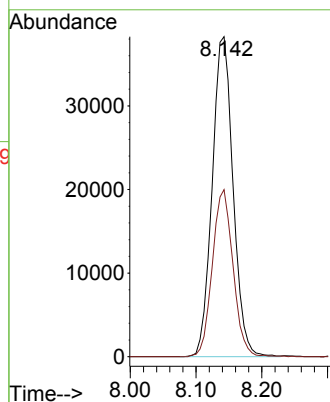
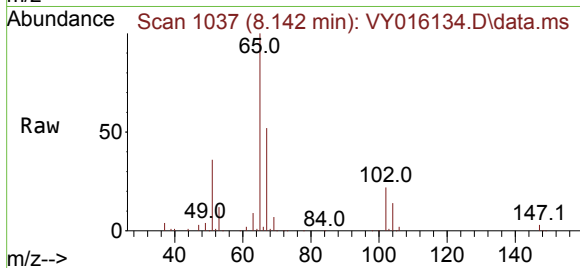
ClientSampleId :

Tgt Ion: 65 Resp: 84675

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

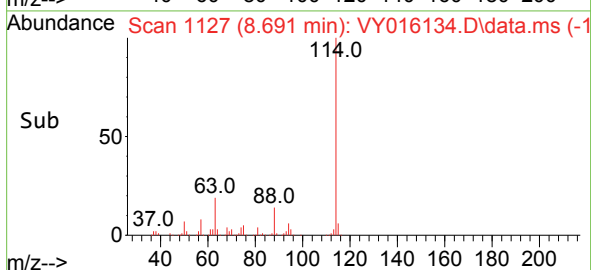
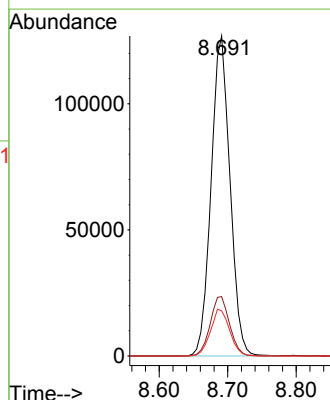
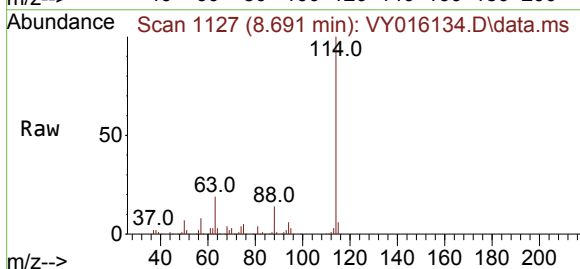
Tgt Ion: 114 Resp: 242603

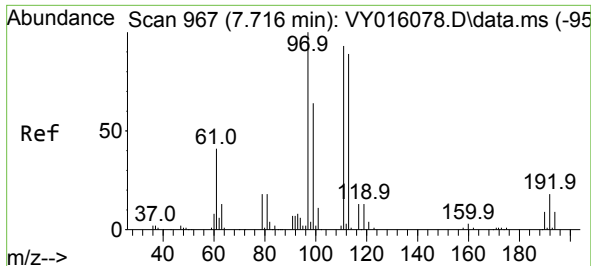
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

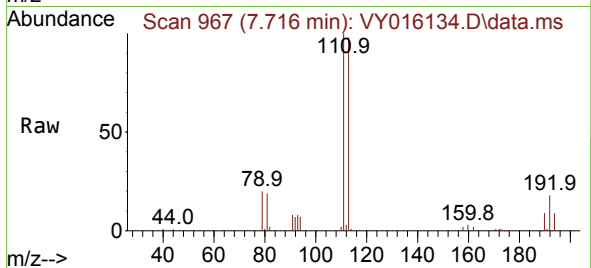
88 14.1 0.0 30.6



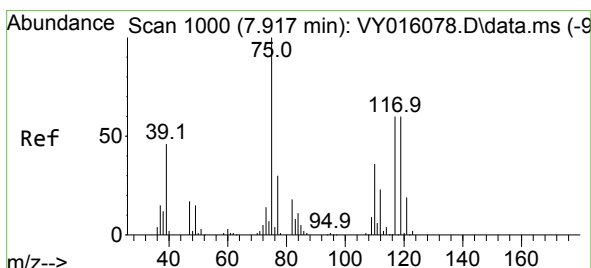
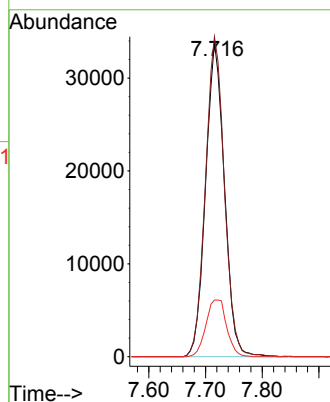
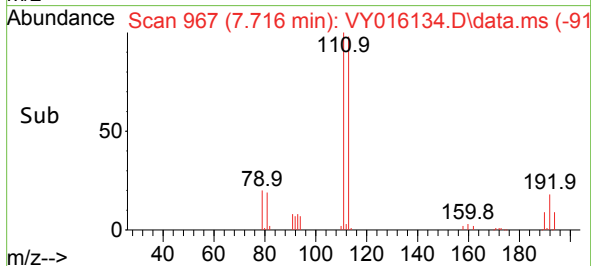


#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

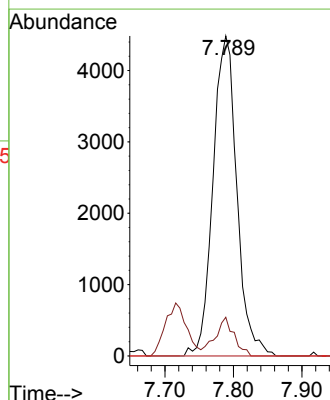
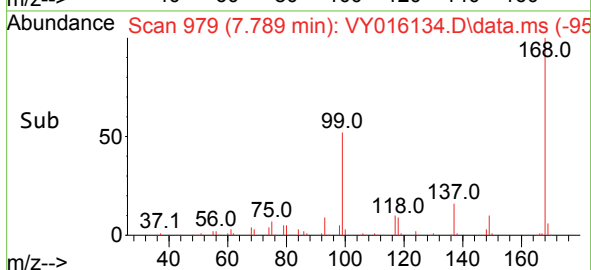
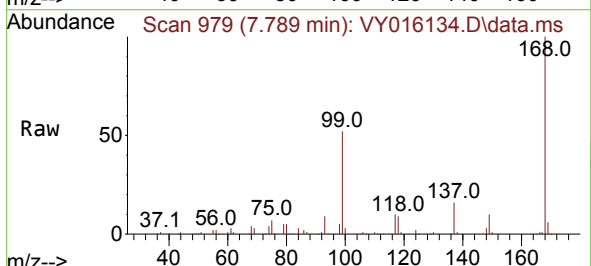


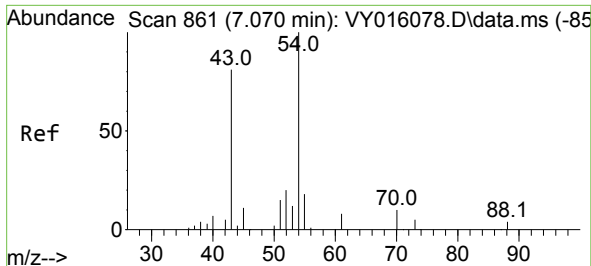
Tgt Ion:113 Resp: 77900
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 75 Resp: 10834
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.374 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.085 min

Lab File: VY016134.D

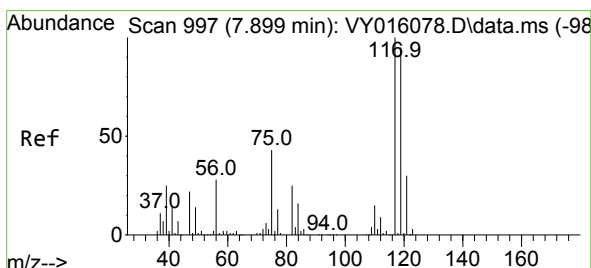
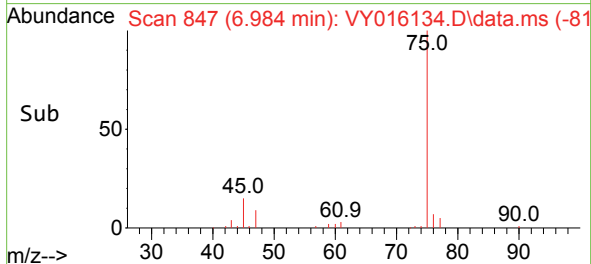
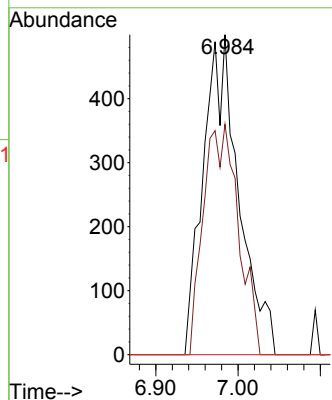
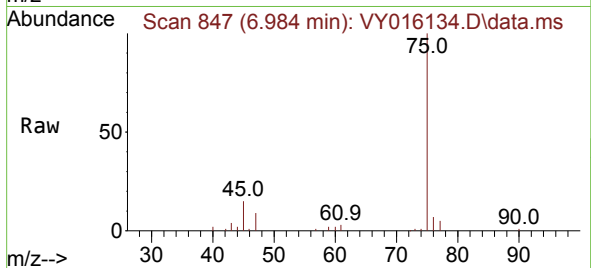
Acq: 30 Oct 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	1503
Ion	Ratio	Lower	Upper
43	100		
61	70.9	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.227 ug/l

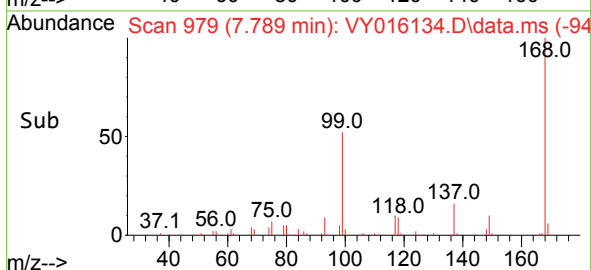
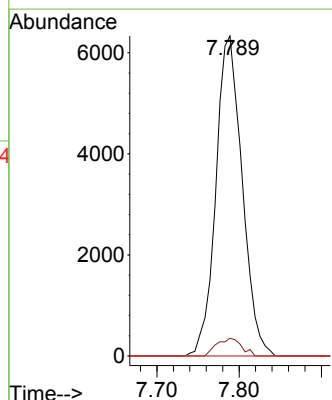
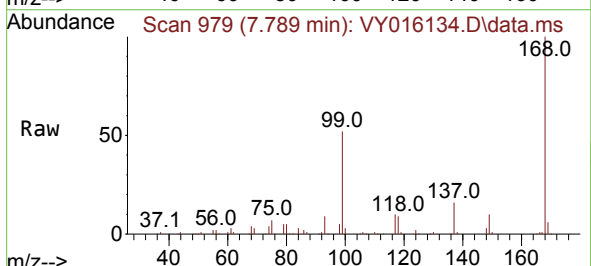
RT: 7.789 min Scan# 979

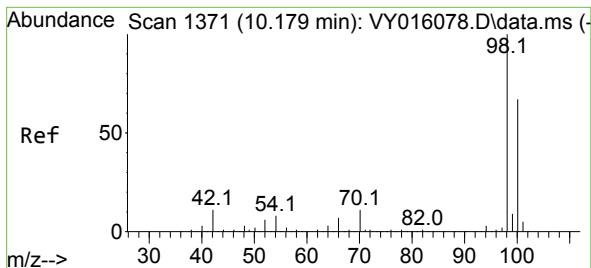
Delta R.T. -0.110 min

Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Tgt Ion:	117	Resp:	14057
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.4	114.6#
121	0.0	25.8	38.6#

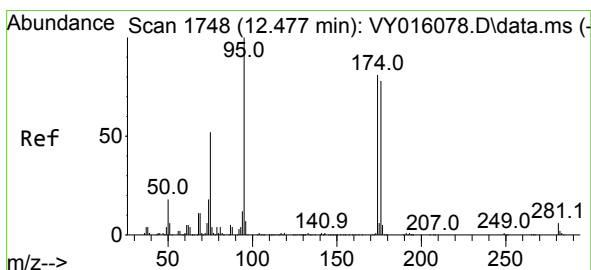
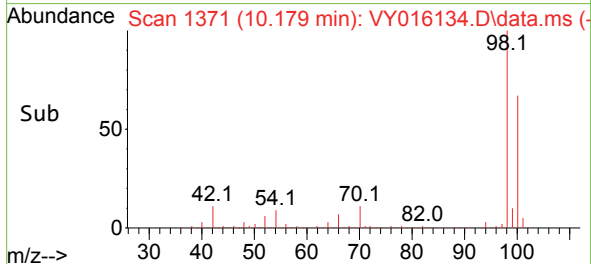
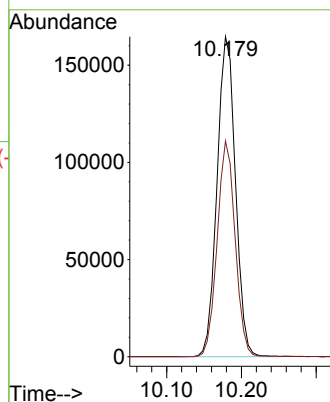
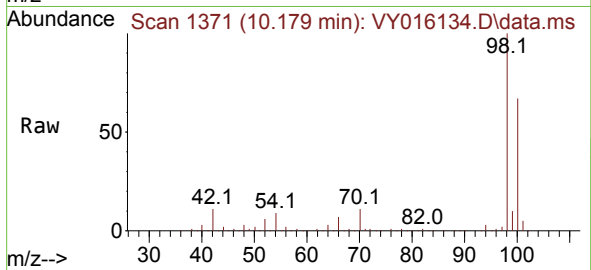




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

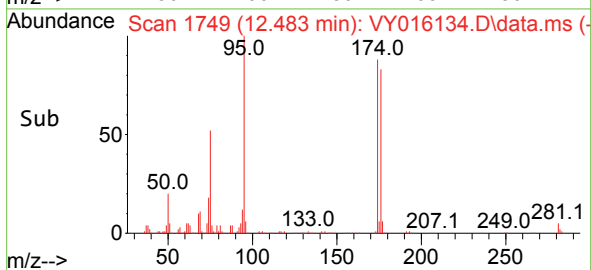
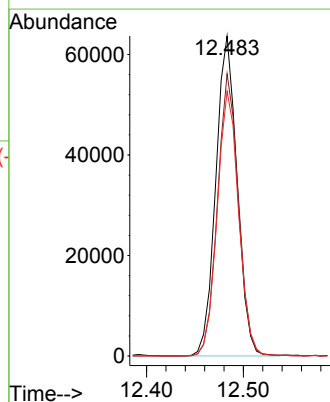
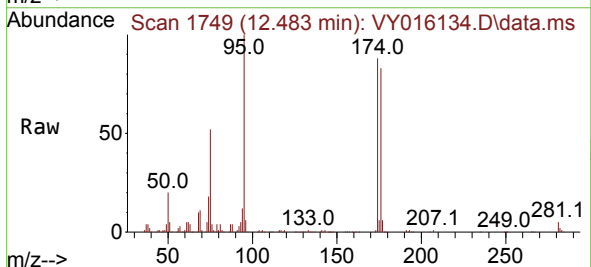
Instrument :
MSVOA_Y
ClientSampleId :

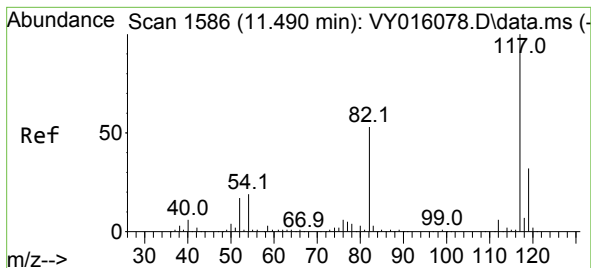
Tgt Ion: 98 Resp: 281184
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion: 95 Resp: 97301
Ion Ratio Lower Upper
95 100
174 87.1 0.0 178.2
176 83.1 0.0 173.8

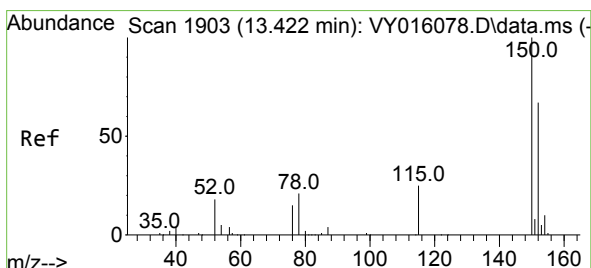
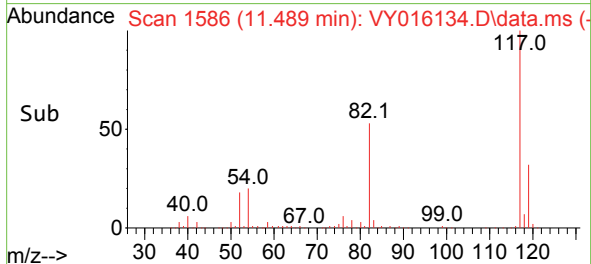
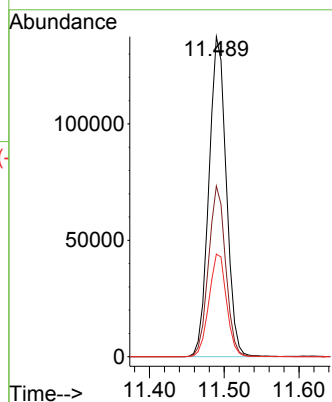
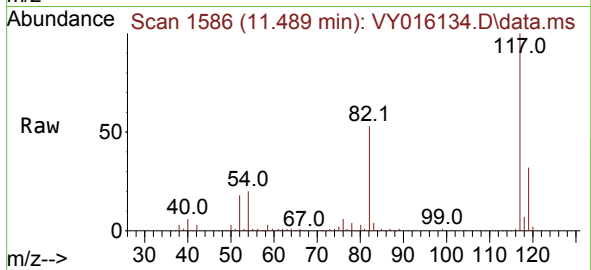




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

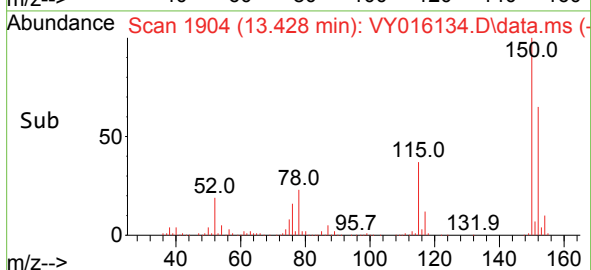
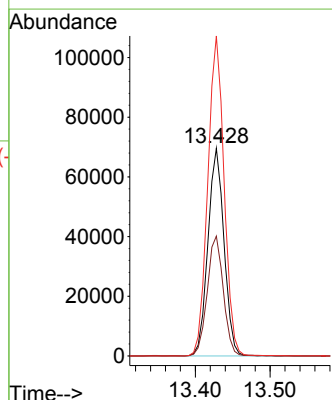
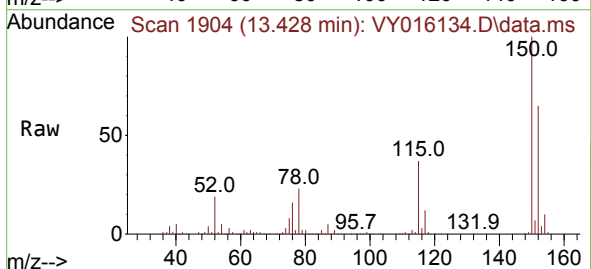
Instrument :
MSVOA_Y
ClientSampleId :

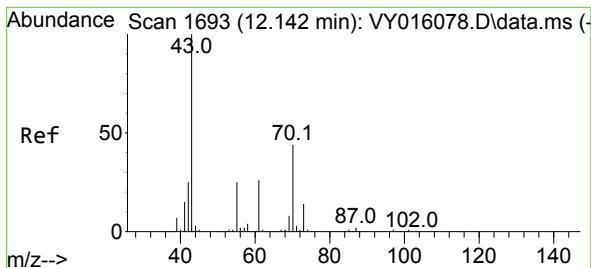
Tgt Ion:117 Resp: 221551
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016134.D
Acq: 30 Oct 2023 15:24

Tgt Ion:152 Resp: 103959
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 156.4 0.0 348.8





#74

N-amy1 acetate

Concen: 1.322 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.195 min

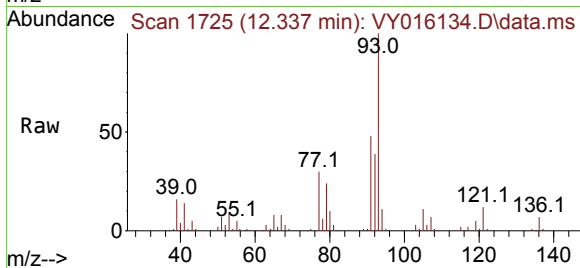
Lab File: VY016134.D

Acq: 30 Oct 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 2358

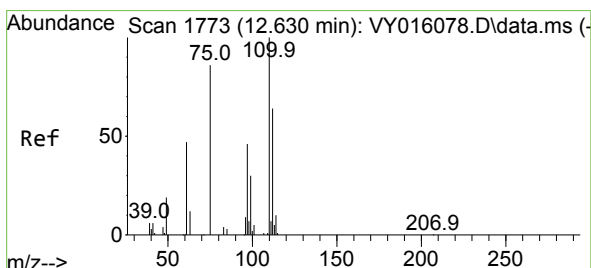
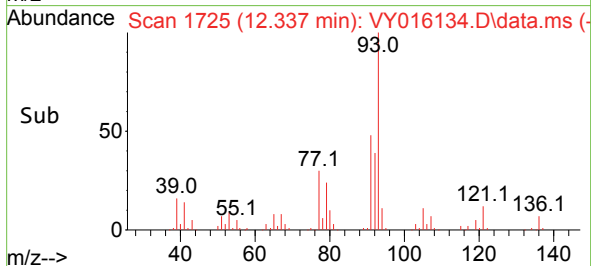
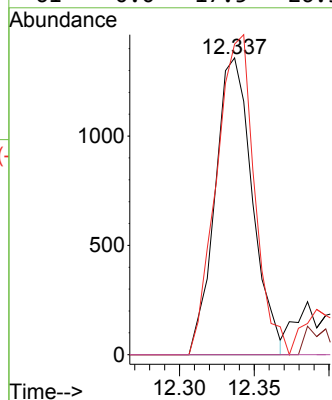
Ion Ratio Lower Upper

43 100

70 0.0 29.7 44.5#

55 109.4 18.3 27.5#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 48.254 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016134.D

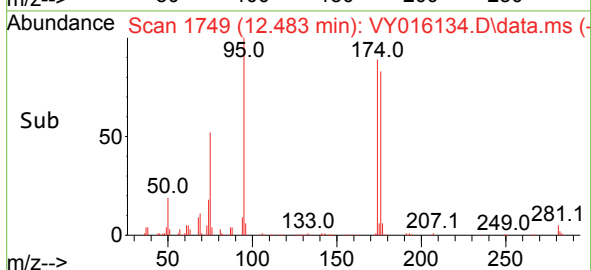
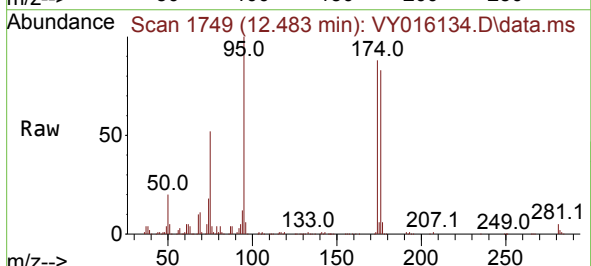
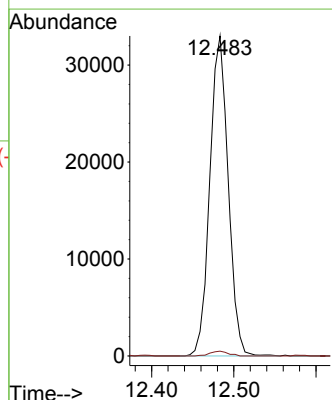
Acq: 30 Oct 2023 15:24

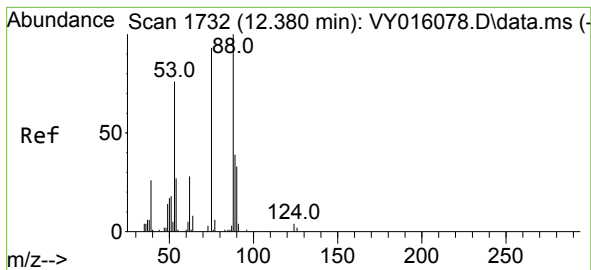
Tgt Ion: 75 Resp: 51216

Ion Ratio Lower Upper

75 100

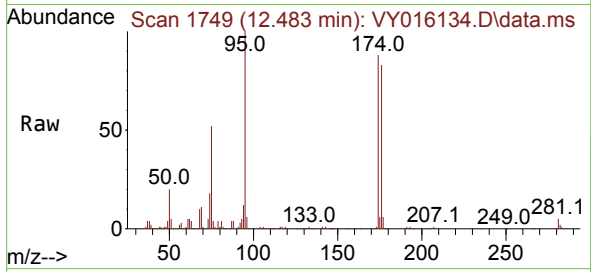
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.862 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016134.D
 Acq: 30 Oct 2023 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :



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

