

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016275.D
 Acq On : 09 Nov 2023 12:39
 Operator : SY/MD
 Sample : 05293-01
 Misc : 6.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:57:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

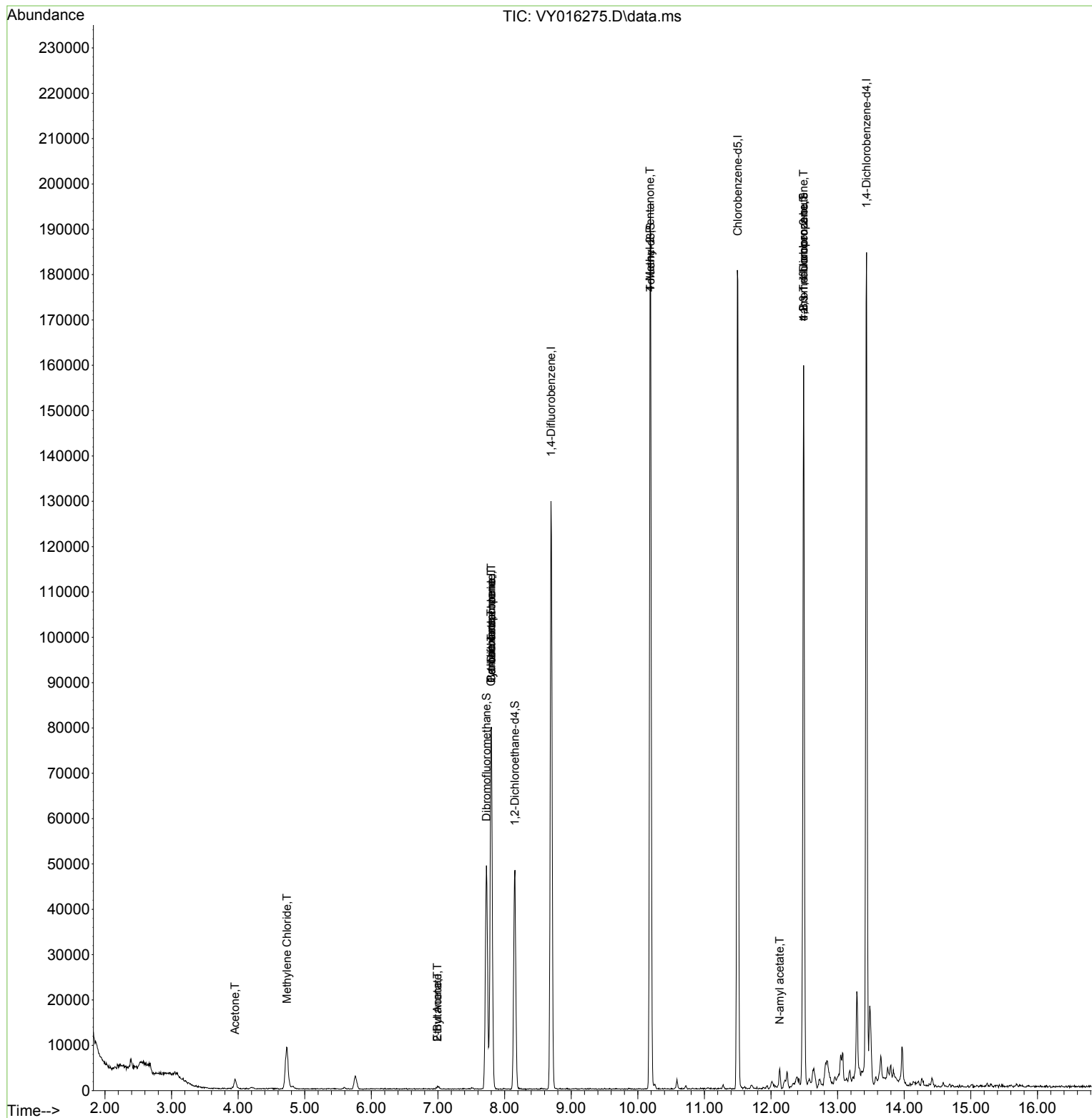
Internal Standards						
1) Pentafluorobenzene	7.801	168	64991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	112771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	104030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	47660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	38014	63.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.000%	
35) Dibromofluoromethane	7.728	113	35180	54.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.191	98	131706	50.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.489	95	44722	53.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.020%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3546	36.090	ug/l	94
20) Methylene Chloride	4.734	84	7175	7.369	ug/l	83
25) 2-Butanone	6.990	43	1102	6.403	ug/l #	84
31) Cyclohexane	7.795	56	1187	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	4893	4.399	ug/l #	48
37) Ethyl Acetate	6.990	43	1102	2.452	ug/l #	71
38) Carbon Tetrachloride	7.801	117	6228	5.395	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	487	1.109	ug/l #	1
74) N-amyl acetate	12.129	43	979	1.263	ug/l #	48
76) 1,2,3-Trichloropropane	12.489	75	23045	50.405	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	23045	109.408	ug/l #	11

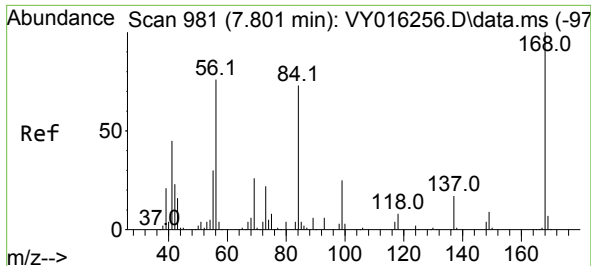
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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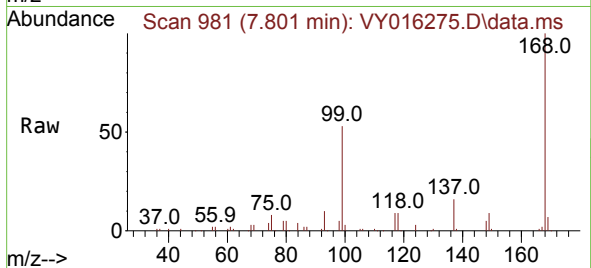
Quant Time: Nov 09 22:57:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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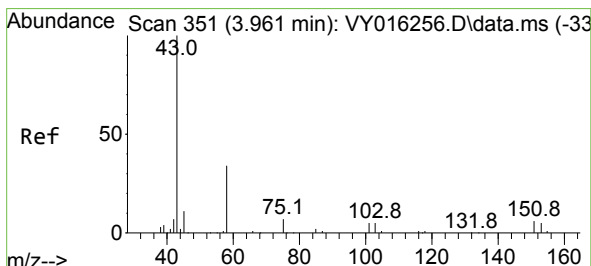
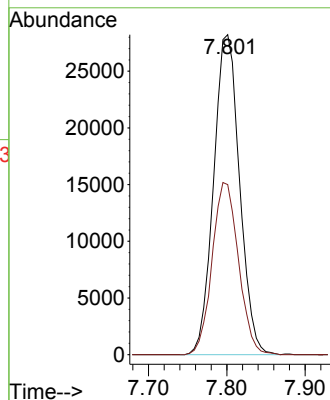
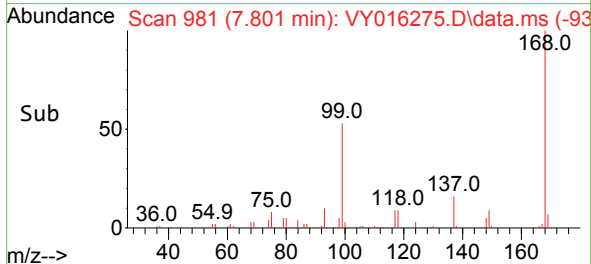


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :

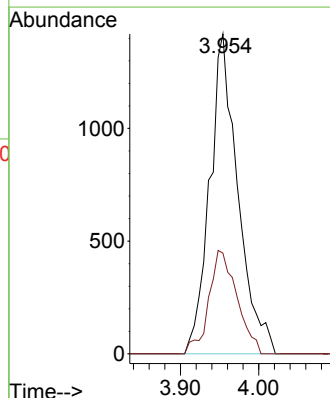
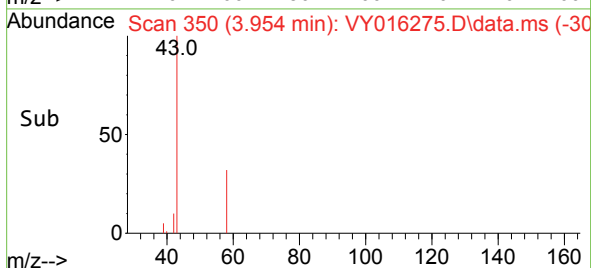
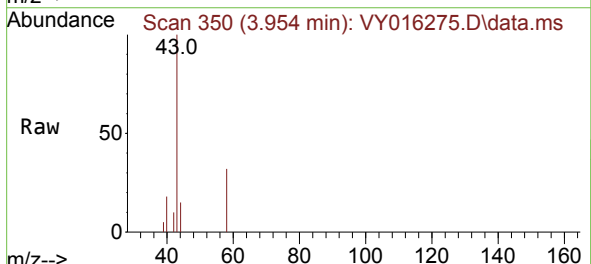


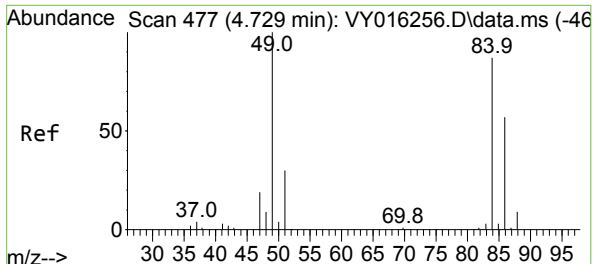
Tgt Ion:168 Resp: 64991
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 36.090 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

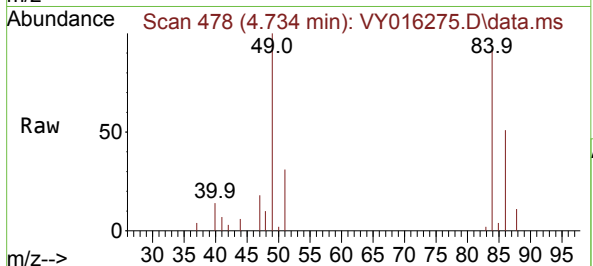
Tgt Ion: 43 Resp: 3546
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1



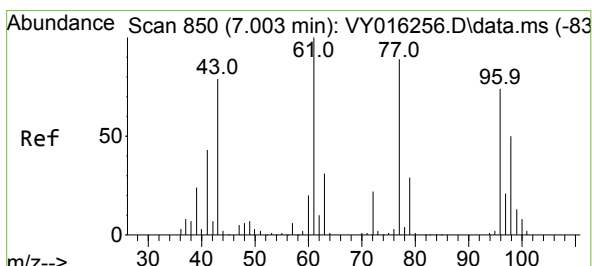
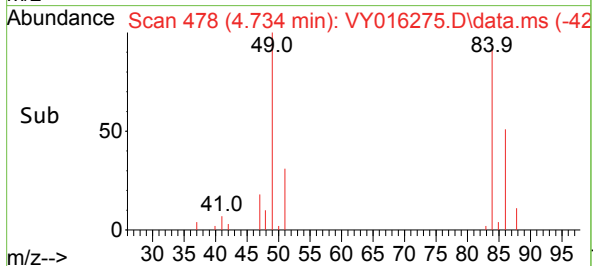
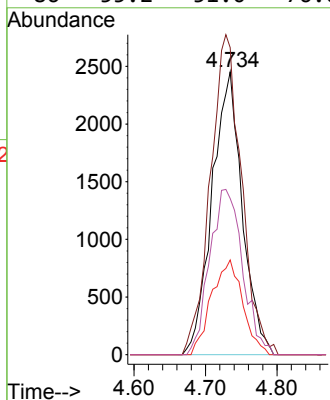


#20
Methylene Chloride
Concen: 7.369 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :

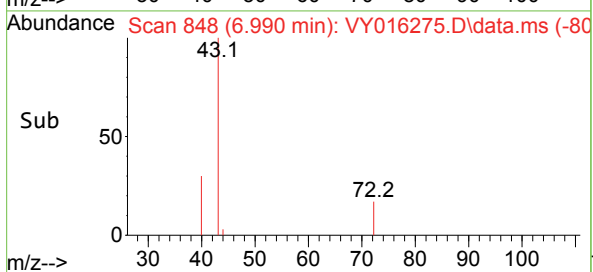
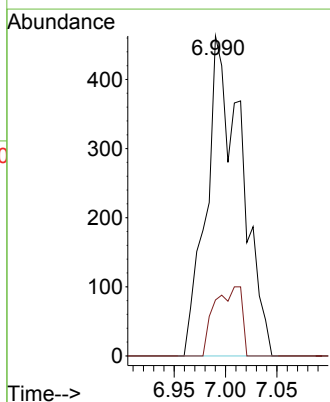
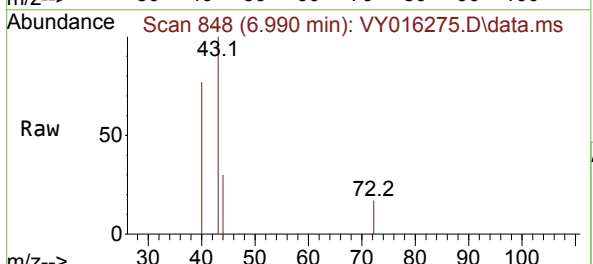


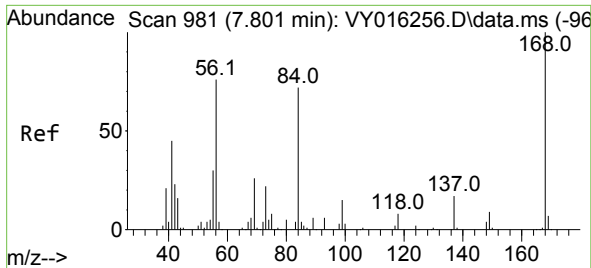
Tgt Ion:	84	Resp:	7175
Ion	Ratio	Lower	Upper
84	100		
49	108.6	106.9	160.3
51	33.5	33.2	49.8
86	55.2	51.0	76.6



#25
2-Butanone
Concen: 6.403 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion:	43	Resp:	1102
Ion	Ratio	Lower	Upper
43	100		
72	17.5	20.5	30.7#

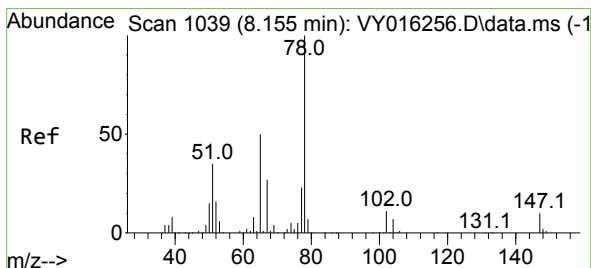
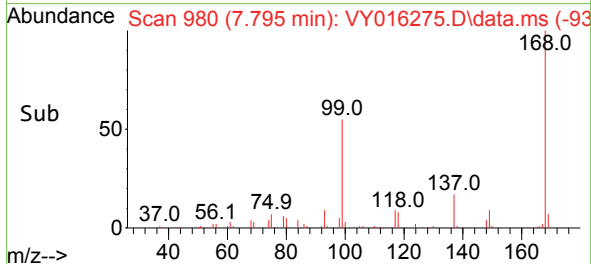
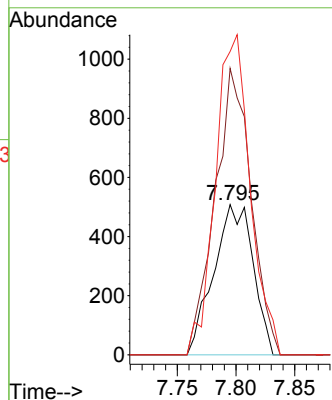
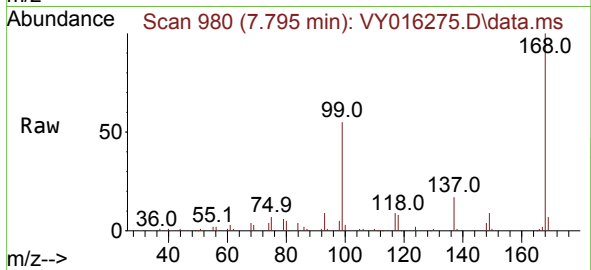




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

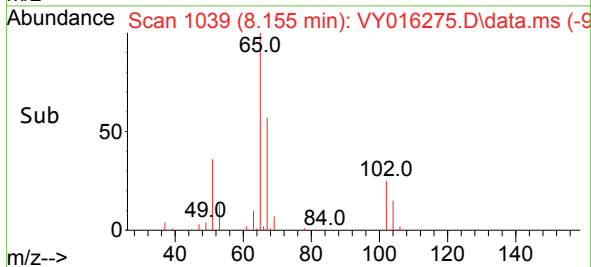
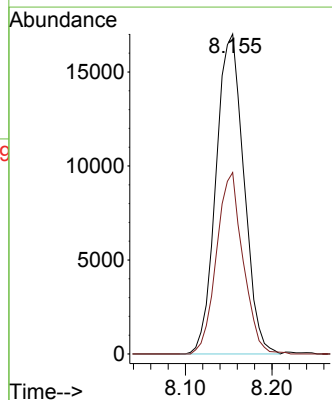
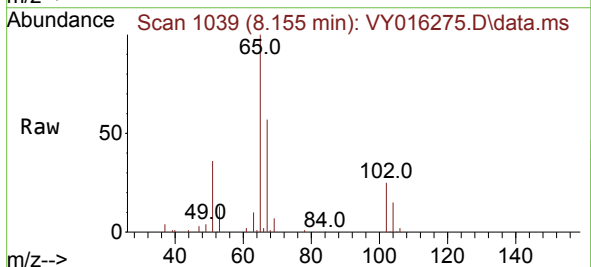
Instrument :
MSVOA_Y
ClientSampleId :

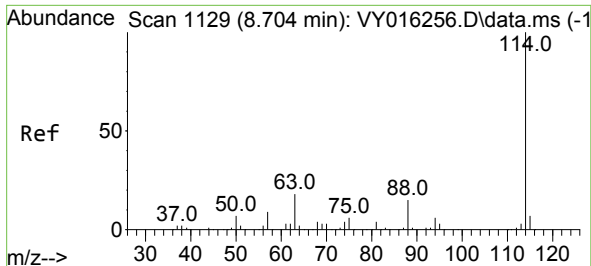
Tgt Ion: 56 Resp: 1187
Ion Ratio Lower Upper
56 100
69 190.7 27.8 41.6#
84 202.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 63.997 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion: 65 Resp: 38014
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

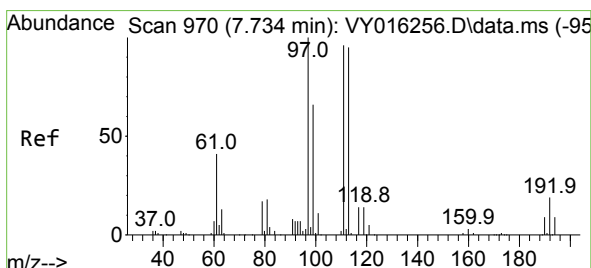
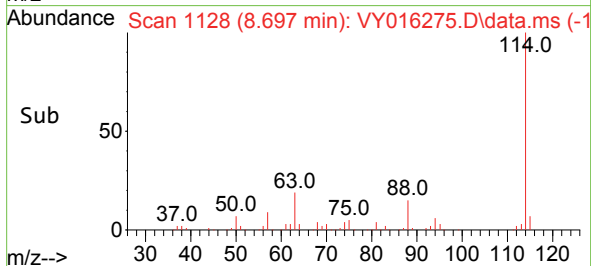
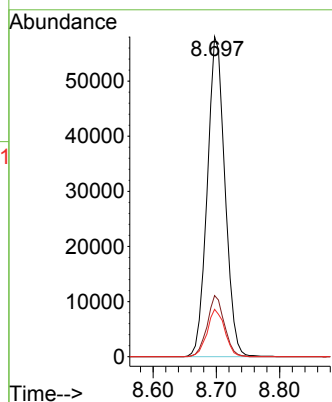
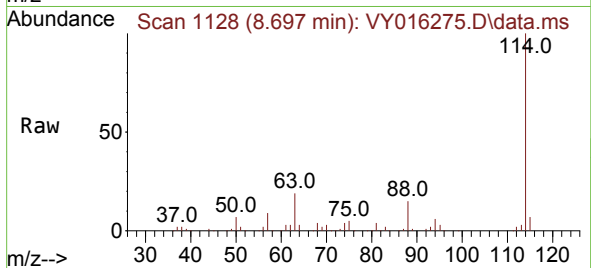
Tgt Ion:114 Resp: 112771

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.916 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

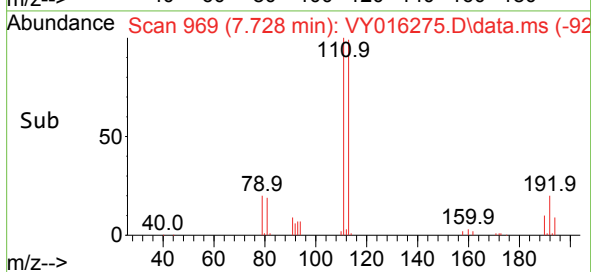
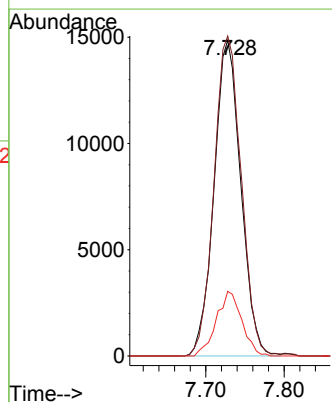
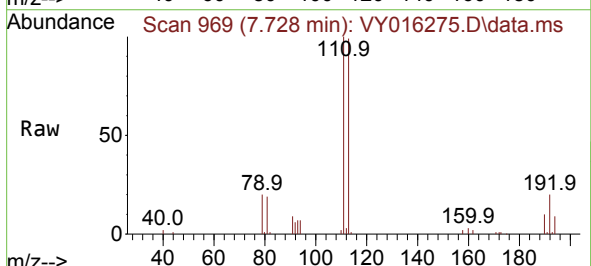
Tgt Ion:113 Resp: 35180

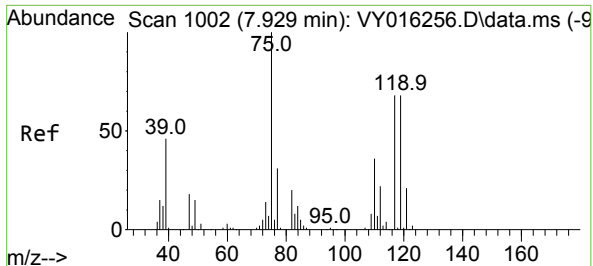
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

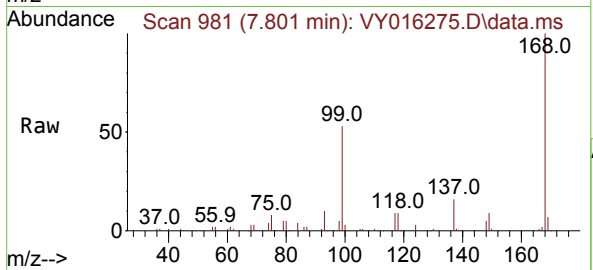
192 19.5 16.9 25.3



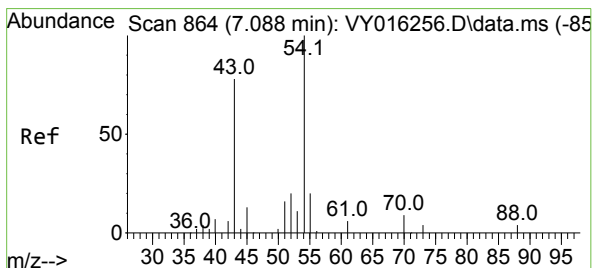
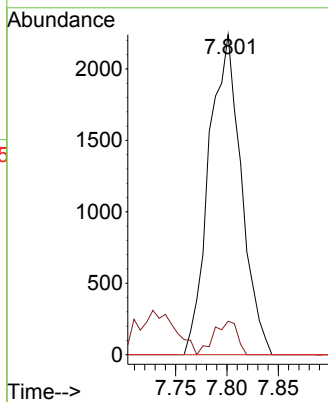
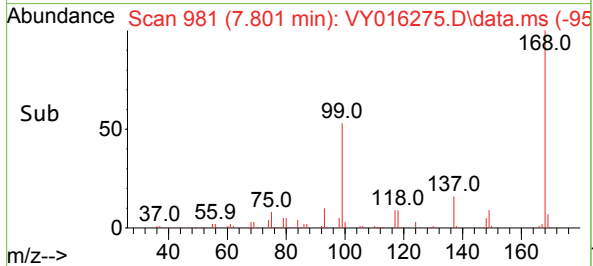


#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

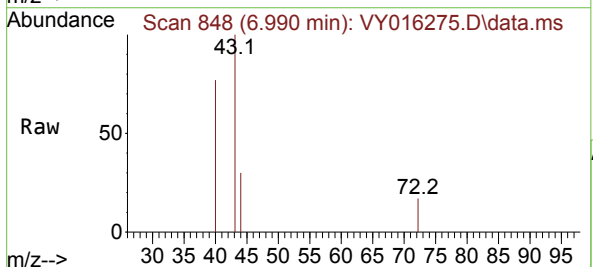
Instrument :
MSVOA_Y
ClientSampleId :



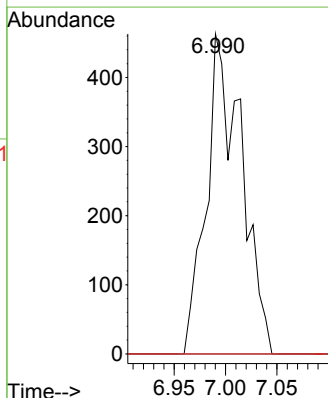
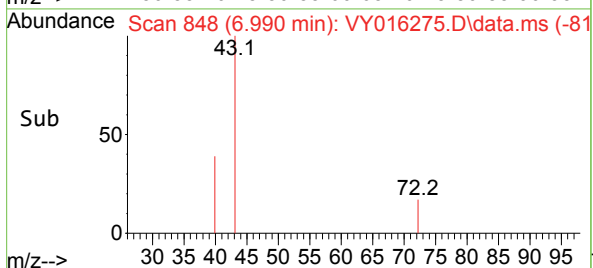
Tgt Ion: 75 Resp: 4893
Ion Ratio Lower Upper
75 100
110 7.6 17.8 53.5#
77 0.0 24.4 36.6#

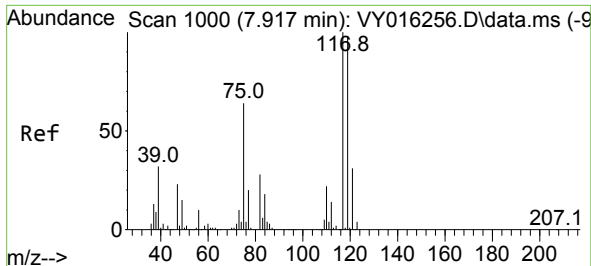


#37
Ethyl Acetate
Concen: 2.452 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.098 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39



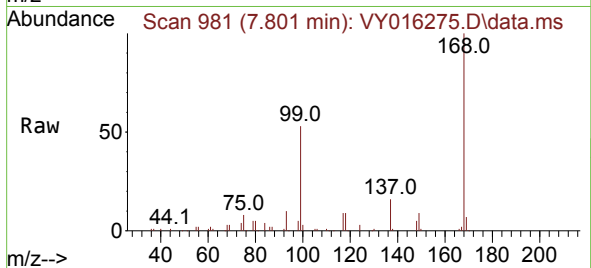
Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



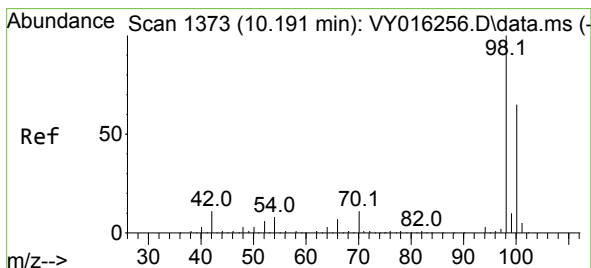
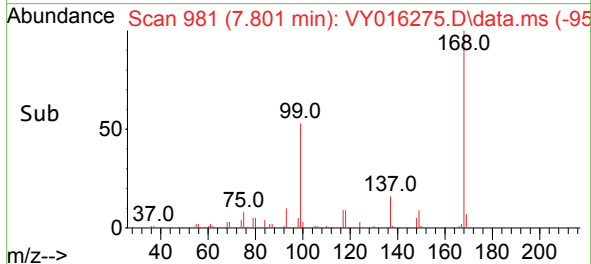
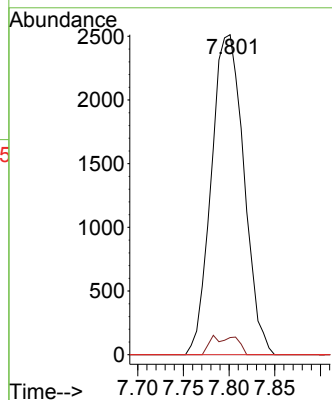


#38
Carbon Tetrachloride
Concen: 5.395 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Instrument :
MSVOA_Y
ClientSampleId :

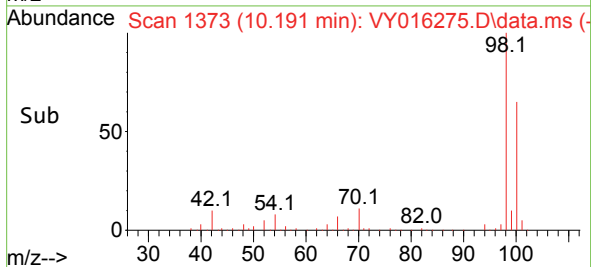
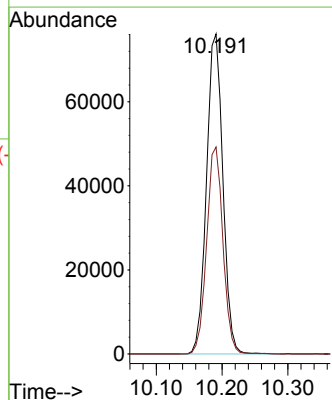
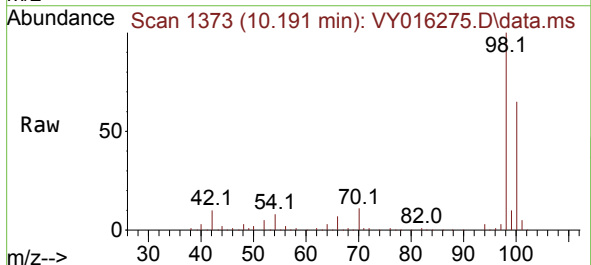


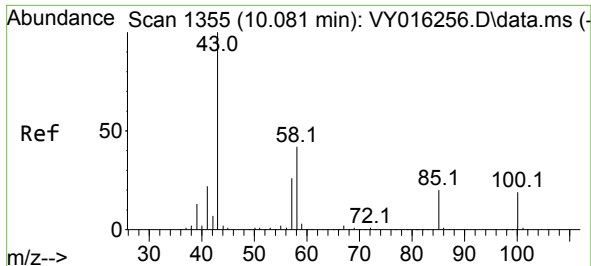
Tgt Ion:117 Resp: 6228
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion: 98 Resp: 131706
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

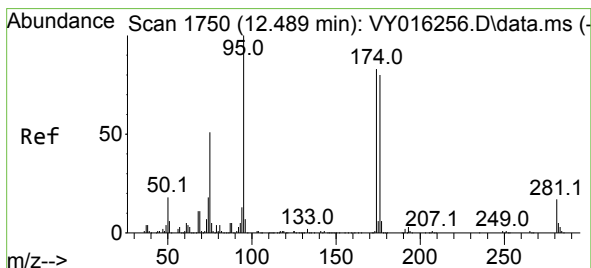
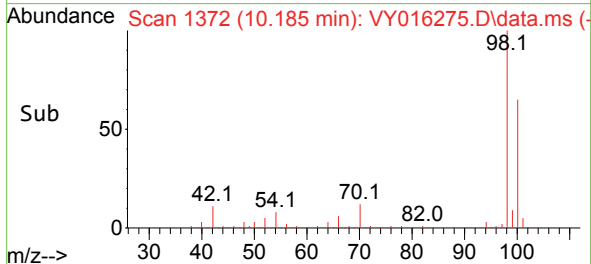
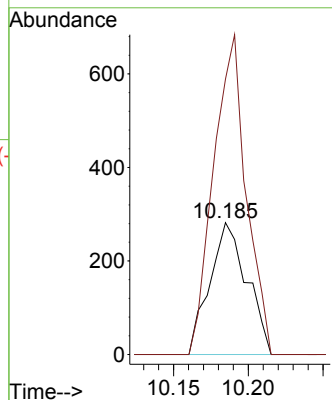
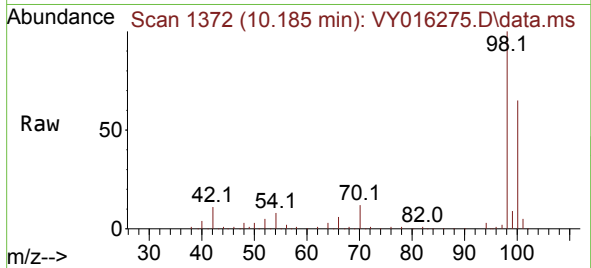




#51
4-Methyl-2-Pentanone
Concen: 1.109 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

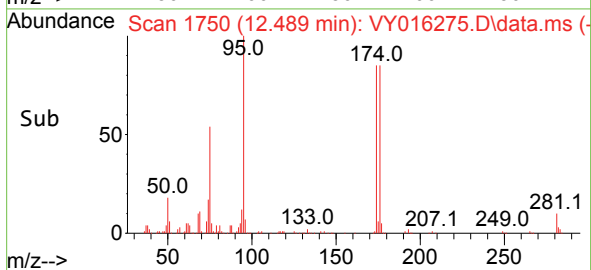
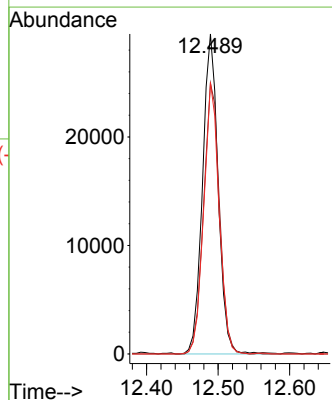
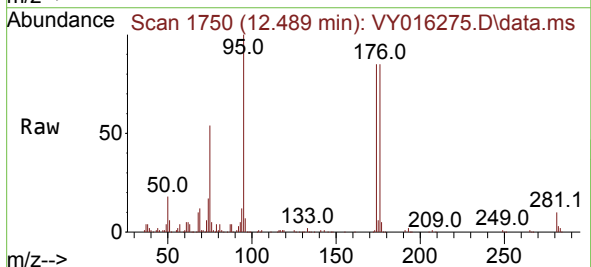
Instrument :
MSVOA_Y
ClientSampleId :

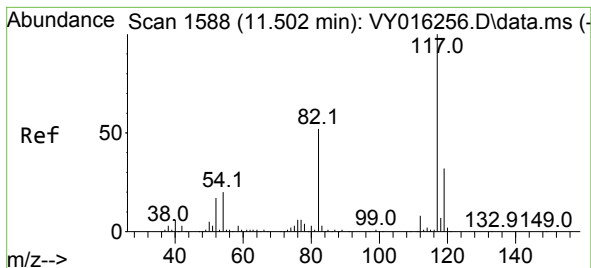
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 213.8 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016275.D
Acq: 09 Nov 2023 12:39

Tgt Ion: 95 Resp: 44722
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.6 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: VY016275.D

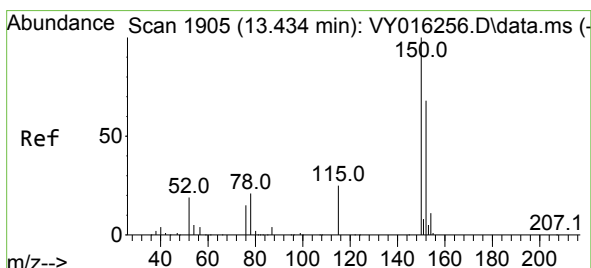
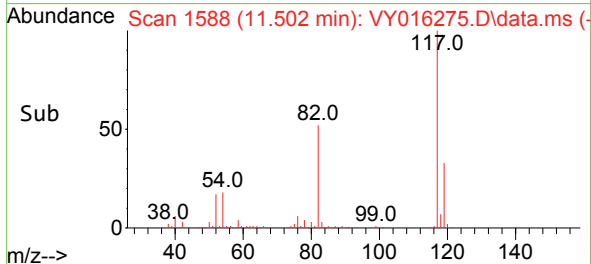
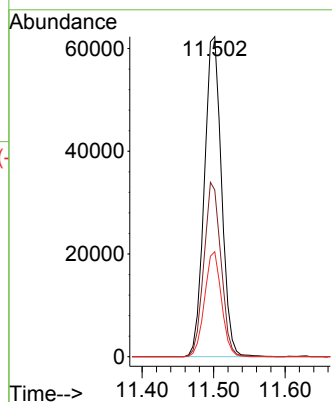
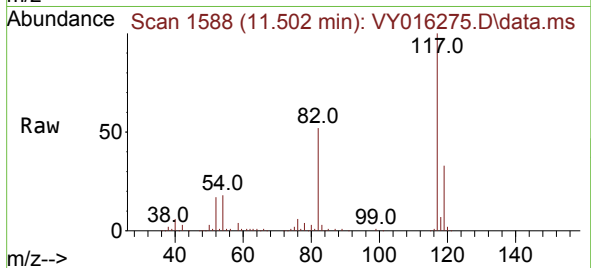
Acq: 09 Nov 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 104030
Ion Ratio	Lower Upper
117 100	
82 52.1	43.4 65.0
119 32.8	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

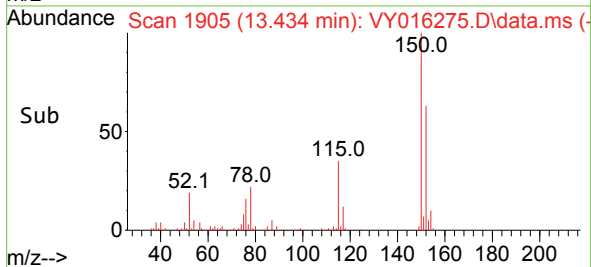
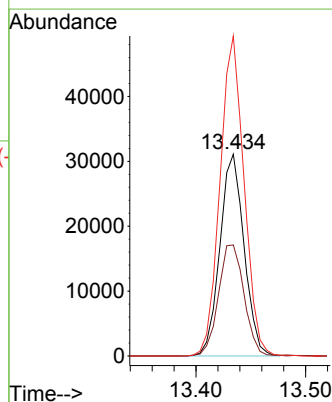
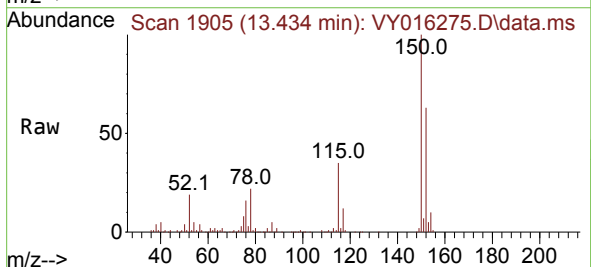
RT: 13.434 min Scan# 1905

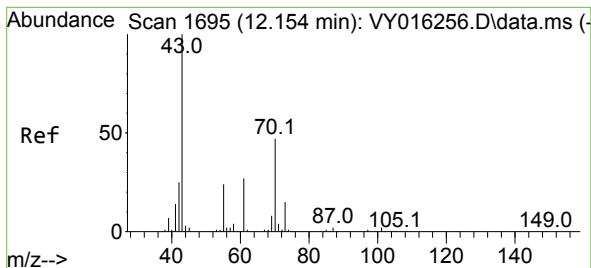
Delta R.T. -0.000 min

Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

Tgt Ion:152	Resp: 47660
Ion Ratio	Lower Upper
152 100	
115 58.3	28.8 86.5
150 157.6	0.0 348.8





#74

N-amy1 acetate

Concen: 1.263 ug/l

RT: 12.129 min Scan# 1

Delta R.T. -0.025 min

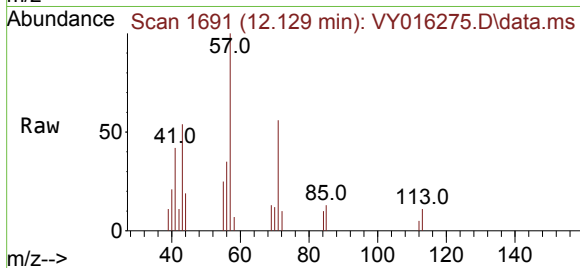
Lab File: VY016275.D

Acq: 09 Nov 2023 12:39

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 979

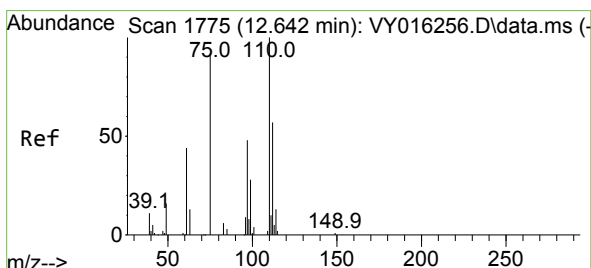
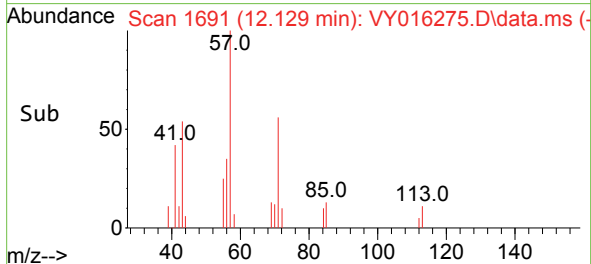
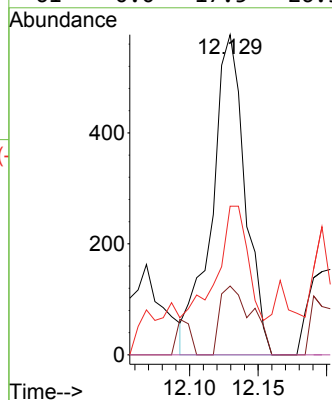
Ion Ratio Lower Upper

43 100

70 20.4 29.7 44.5#

55 70.4 18.3 27.5#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 50.405 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016275.D

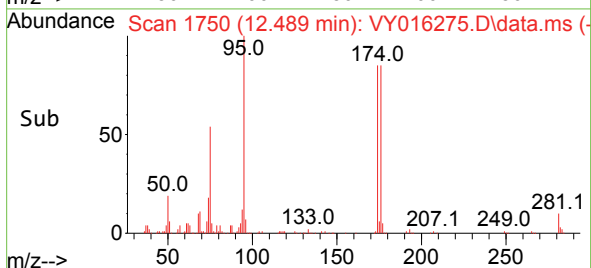
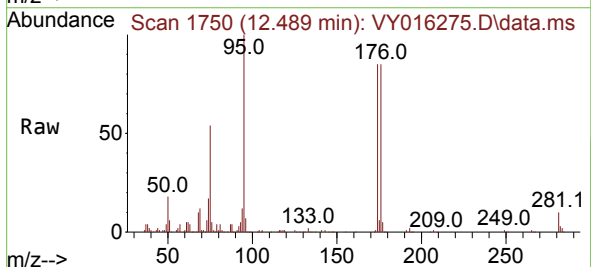
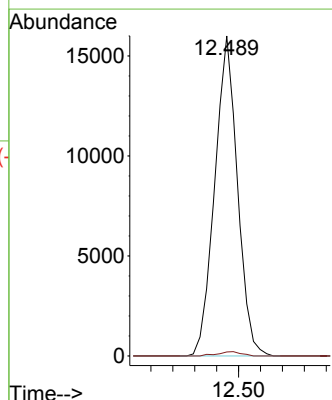
Acq: 09 Nov 2023 12:39

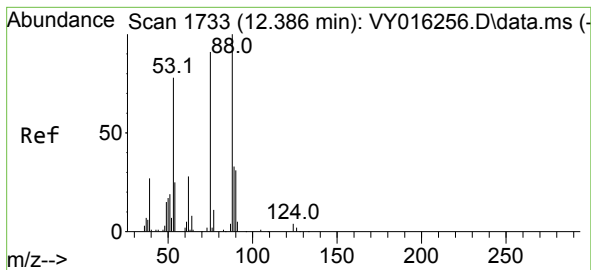
Tgt Ion: 75 Resp: 23045

Ion Ratio Lower Upper

75 100

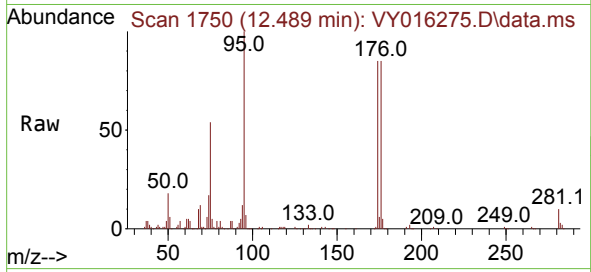
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.408 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016275.D
 Acq: 09 Nov 2023 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	77.8	116.8#
89	0.1	37.4	56.0#

