

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016482.D
 Acq On : 24 Nov 2023 14:18
 Operator : SY/MD
 Sample : 05539-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:45:46 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)

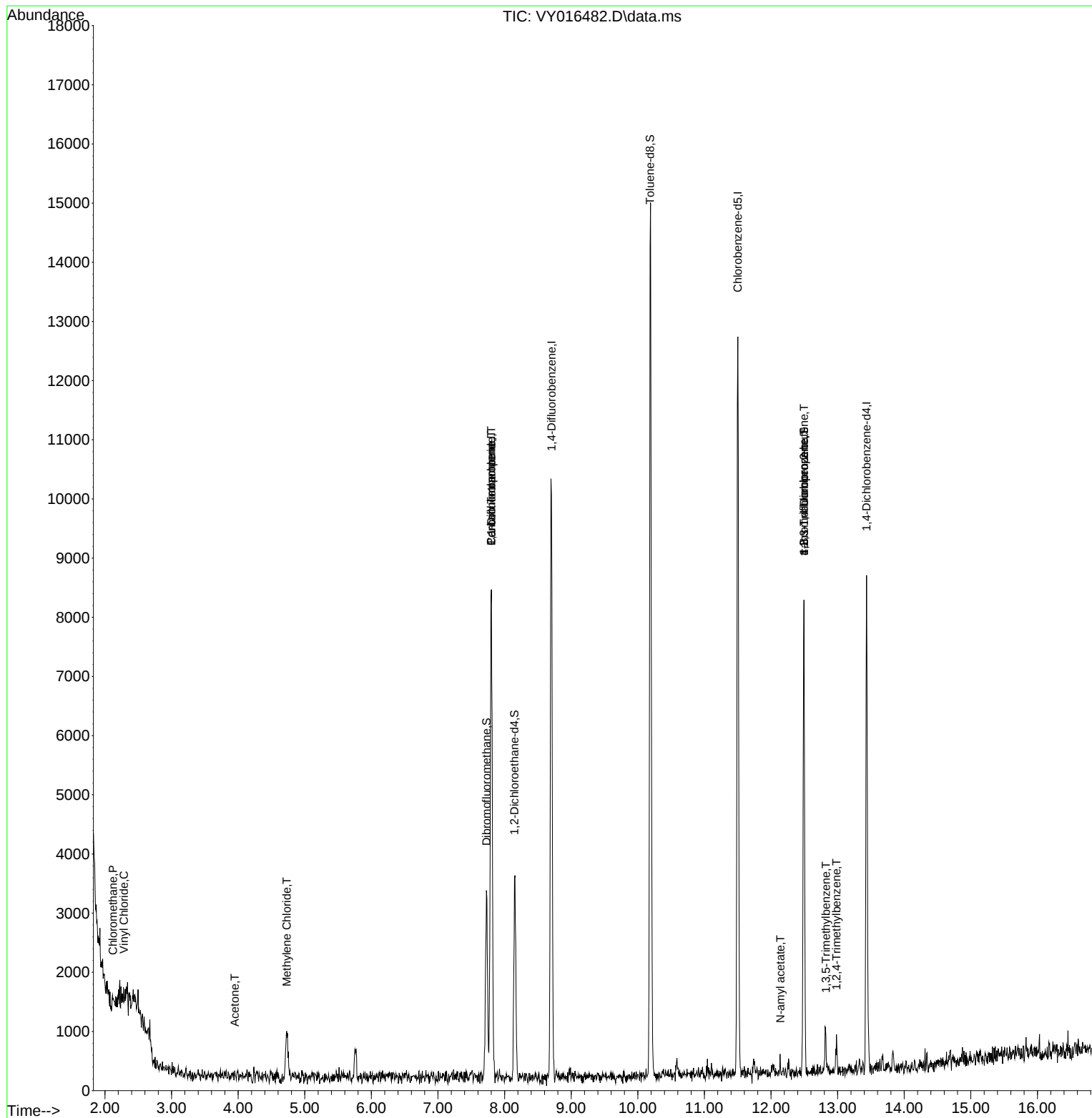
Internal Standards						
1) Pentafluorobenzene	7.801	168	7173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	9568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	7866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	2774	42.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.620%
35) Dibromofluoromethane	7.728	113	2243	41.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.540%
50) Toluene-d8	10.185	98	10642	48.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.495	95	2782	38.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	101	1.228	ug/l #	43
4) Vinyl Chloride	2.284	62	165	1.865	ug/l #	44
16) Acetone	3.948	43	131	12.080	ug/l #	46
20) Methylene Chloride	4.728	84	595	4.607	ug/l #	64
36) 1,1-Dichloropropene	7.801	75	459	4.863	ug/l #	41
38) Carbon Tetrachloride	7.801	117	634	6.473	ug/l #	12
74) N-amyl acetate	12.142	43	46	1.057	ug/l #	46
76) 1,2,3-Trichloropropane	12.495	75	1269	49.434	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.824	105	339	1.940	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.495	75	1269	107.301	ug/l #	10
84) 1,2,4-Trimethylbenzene	12.983	105	522	3.034	ug/l	79

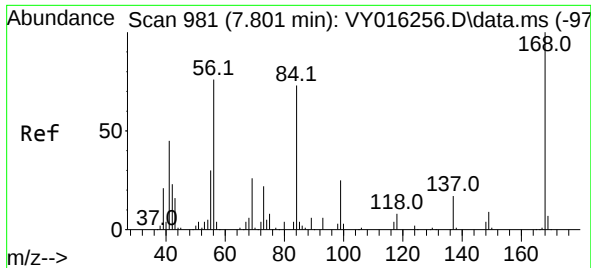
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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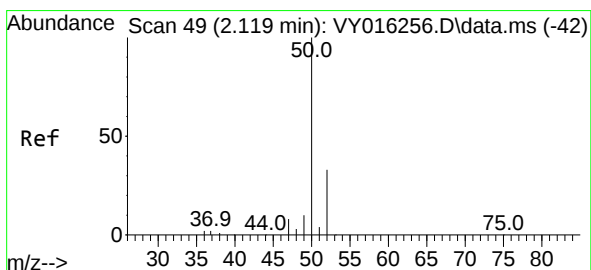
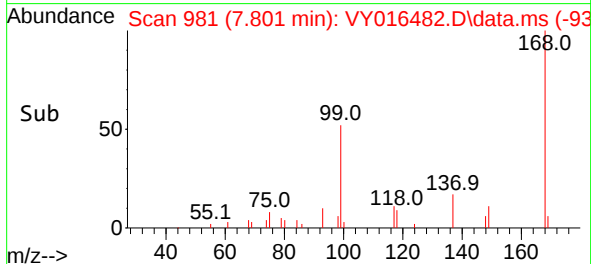
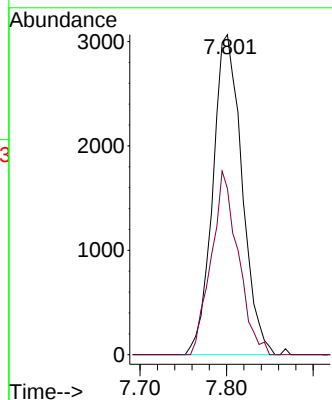
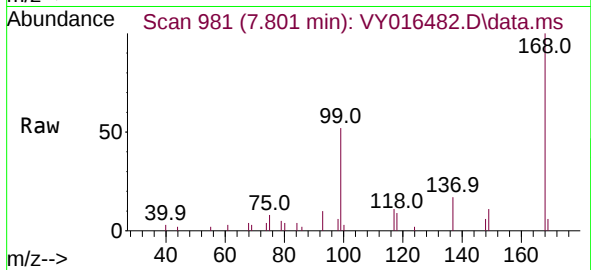




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

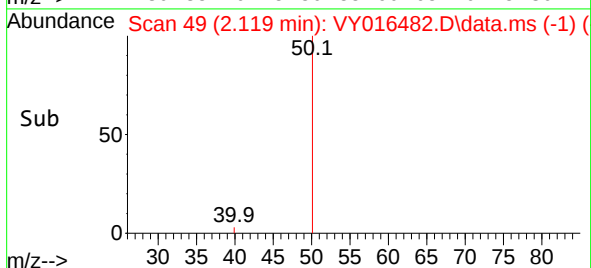
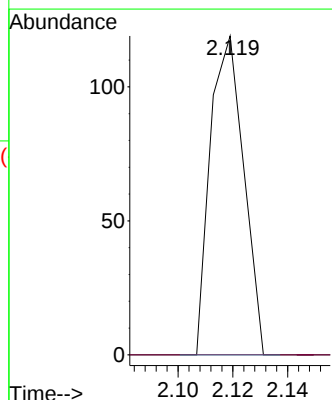
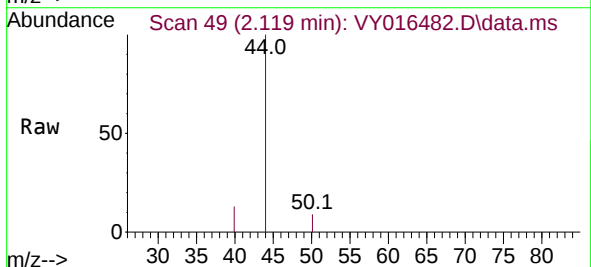
Instrument :
MSVOA_Y
ClientSampleId :

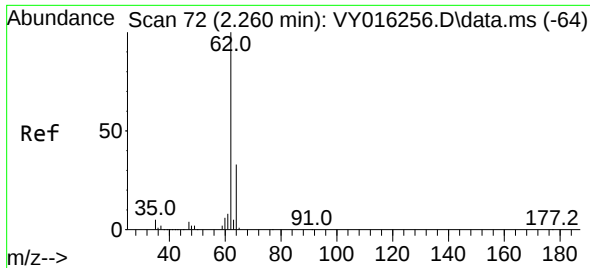
Tgt Ion:168 Resp: 7173
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#3
Chloromethane
Concen: 1.228 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Tgt Ion: 50 Resp: 101
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

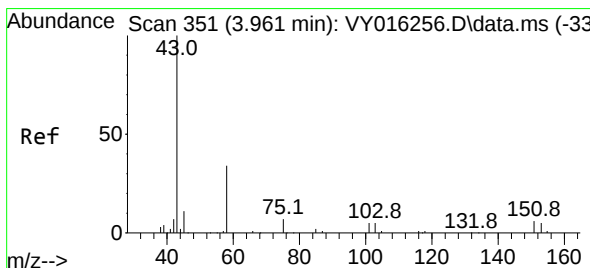
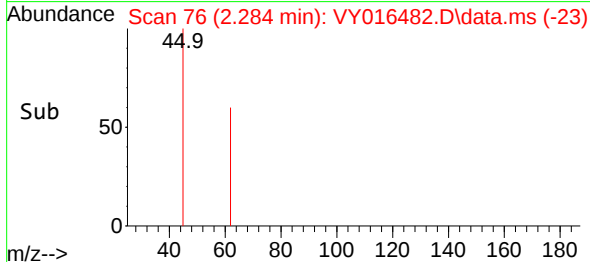
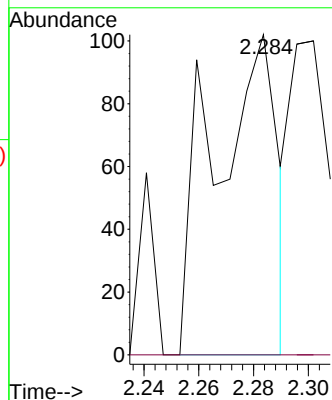
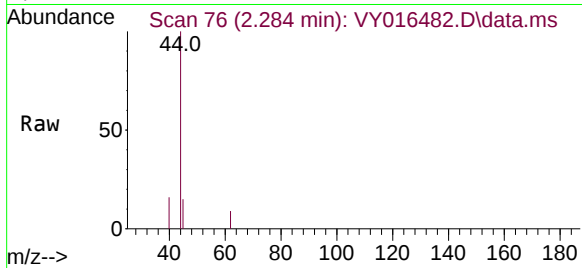




#4
 Vinyl Chloride
 Concen: 1.865 ug/l
 RT: 2.284 min Scan# 70
 Delta R.T. 0.024 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

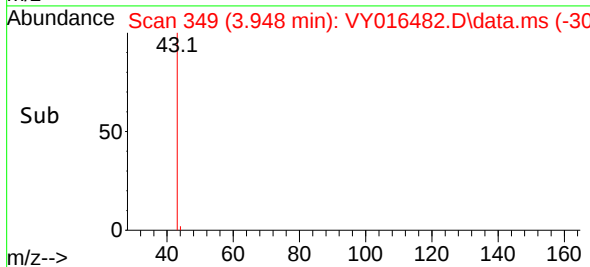
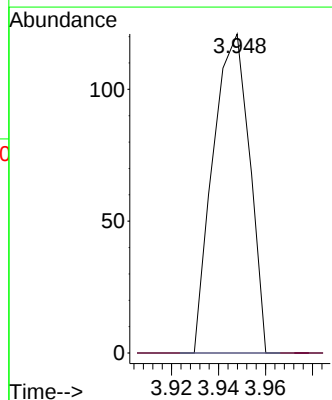
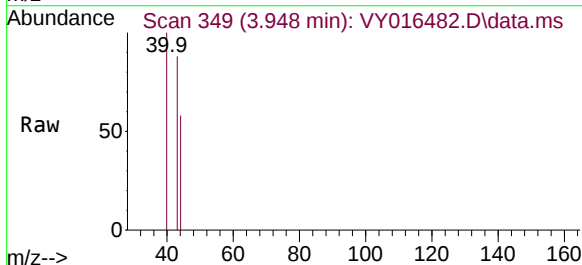
Instrument :
 MSVOA_Y
 ClientSampleId :

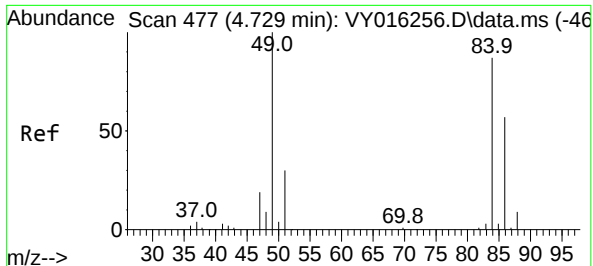
Tgt Ion: 62 Resp: 165
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#16
 Acetone
 Concen: 12.080 ug/l
 RT: 3.948 min Scan# 349
 Delta R.T. -0.013 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

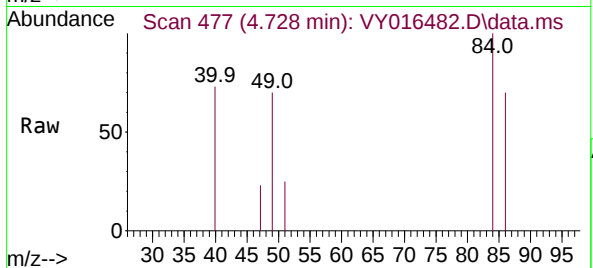
Tgt Ion: 43 Resp: 131
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.7 34.1#





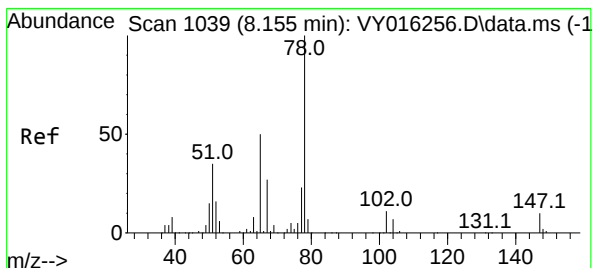
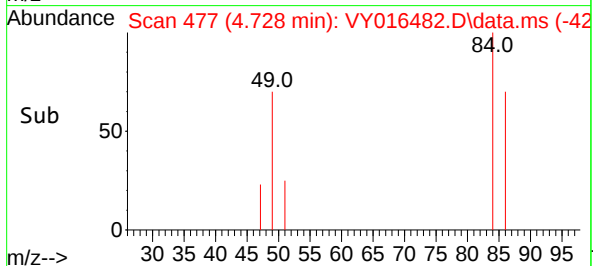
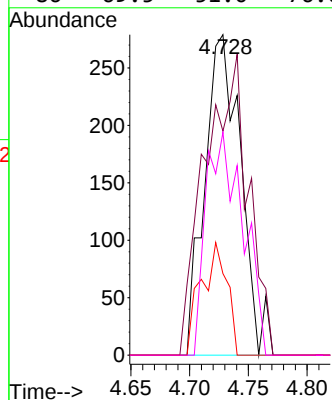
#20
Methylene Chloride
Concen: 4.607 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 595

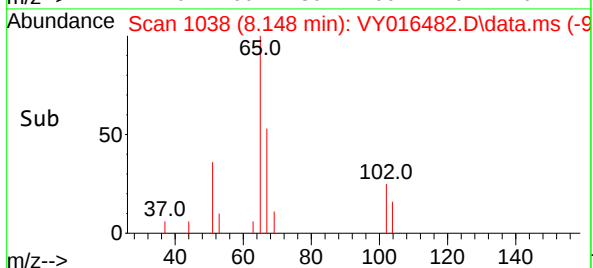
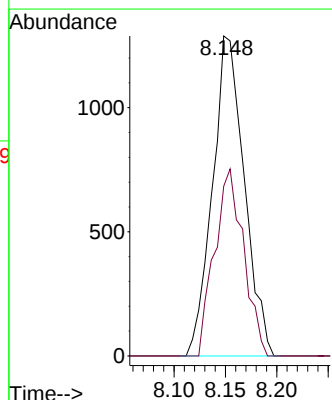
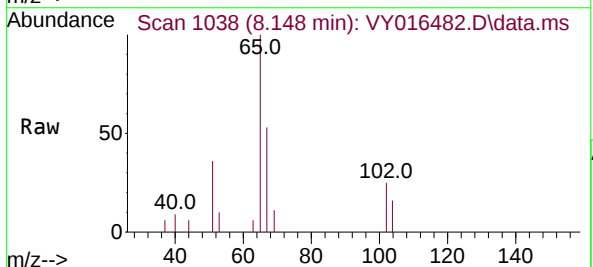
Ion	Ratio	Lower	Upper
84	100		
49	69.9	106.9	160.3#
51	25.4	33.2	49.8#
86	69.5	51.0	76.6

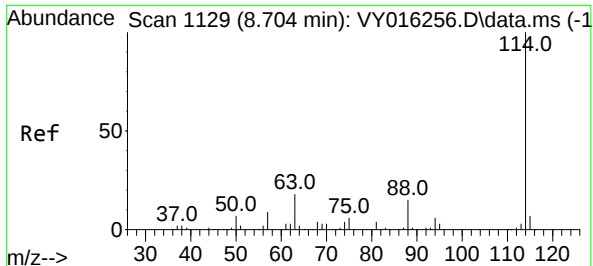


#33
1,2-Dichloroethane-d4
Concen: 42.313 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Tgt Ion: 65 Resp: 2774

Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VY016482.D

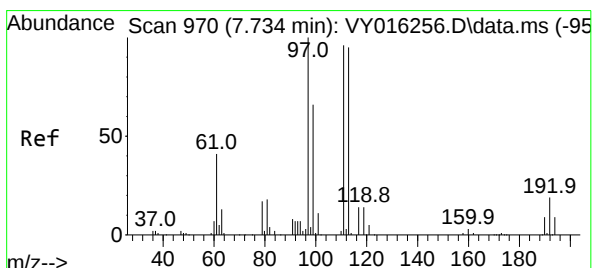
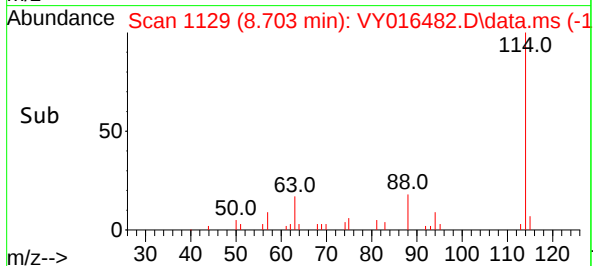
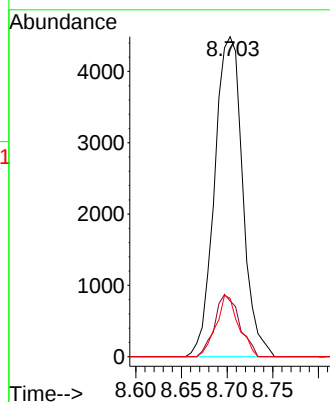
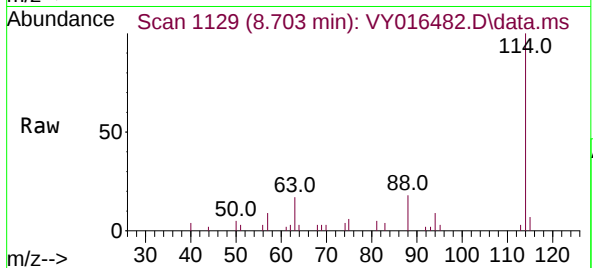
Acq: 24 Nov 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	9568
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 42.4
88	18.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 41.268 ug/l

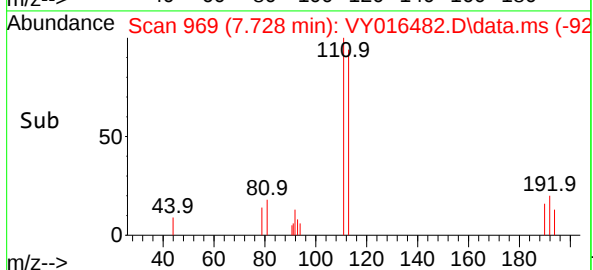
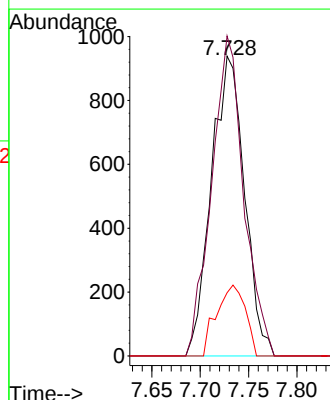
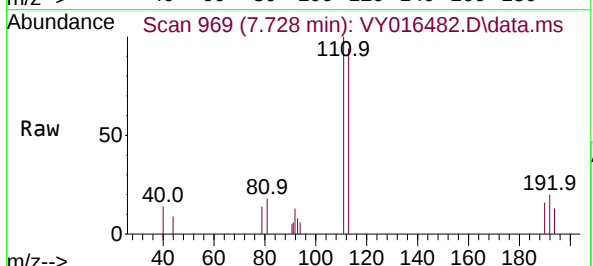
RT: 7.728 min Scan# 969

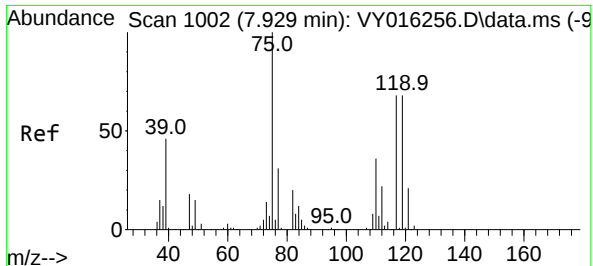
Delta R.T. -0.006 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Tgt Ion:113	Resp:	2243
Ion Ratio	Lower	Upper
113	100	
111	103.1	81.3 121.9
192	20.4	16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

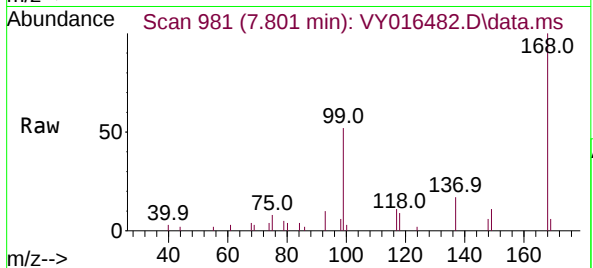
Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

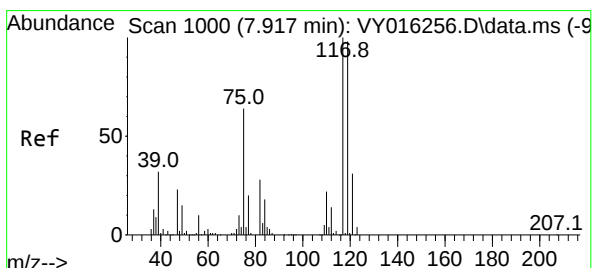
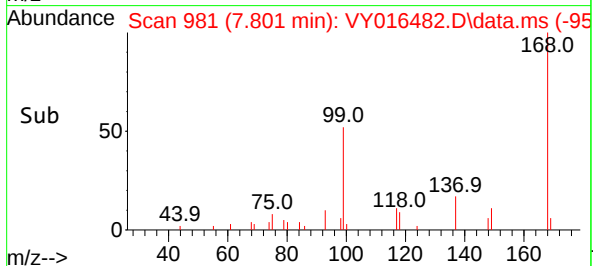
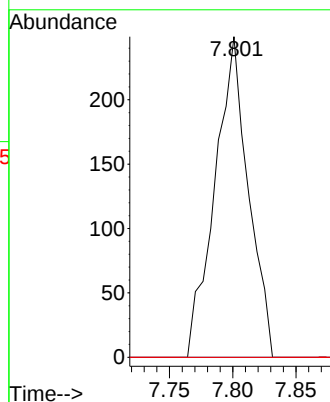
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 459
Ion Ratio	Lower Upper
75	100
110	0.0 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.473 ug/l

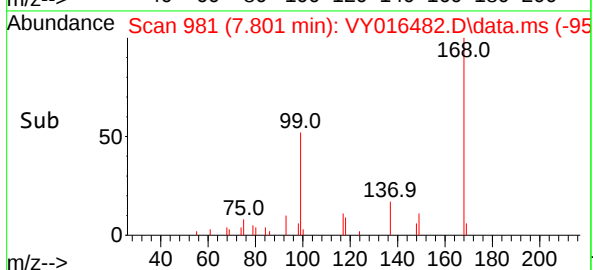
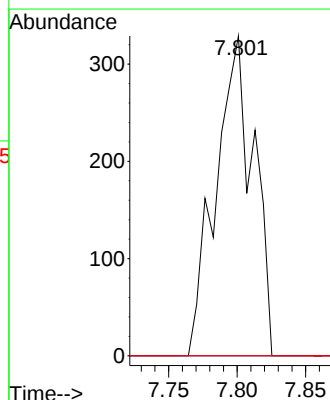
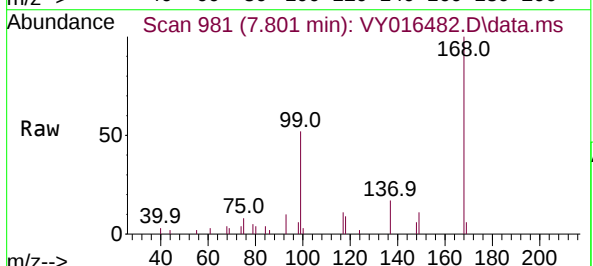
RT: 7.801 min Scan# 981

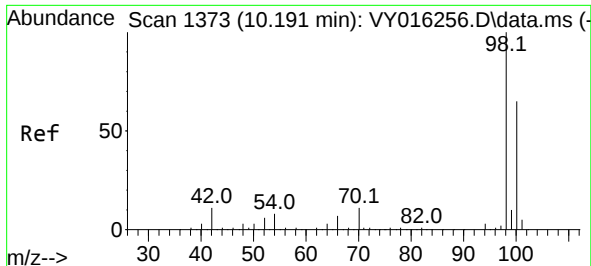
Delta R.T. -0.116 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Tgt Ion: 117	Resp: 634
Ion Ratio	Lower Upper
117	100
119	0.0 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.283 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Instrument :

MSVOA_Y

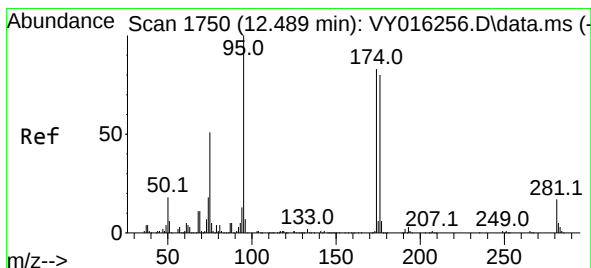
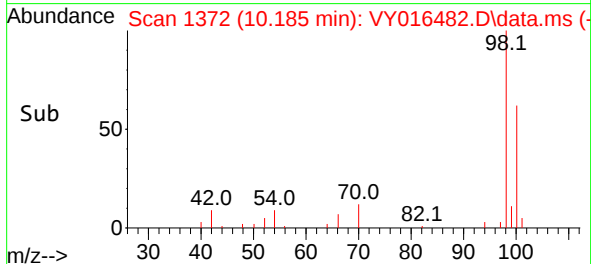
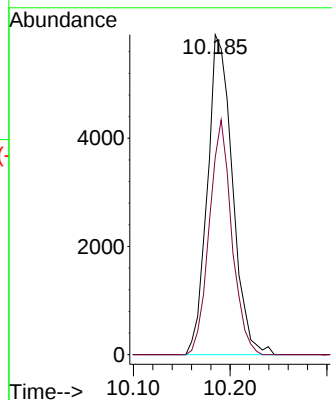
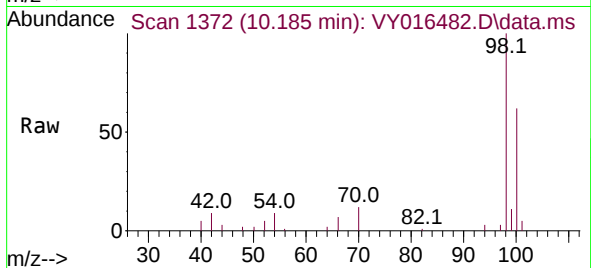
ClientSampleId :

Tgt Ion: 98 Resp: 10642

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 38.862 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

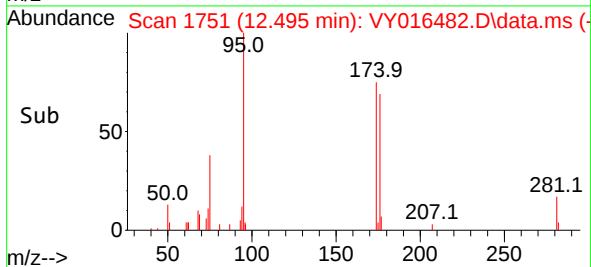
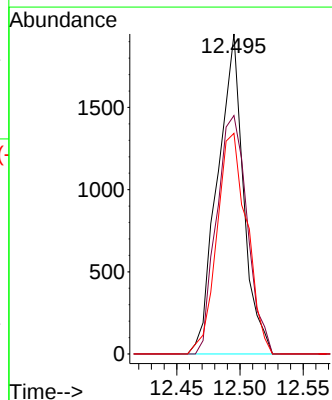
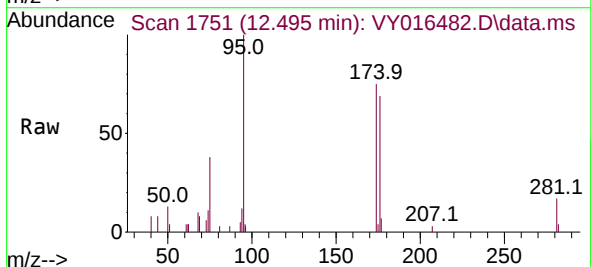
Tgt Ion: 95 Resp: 2782

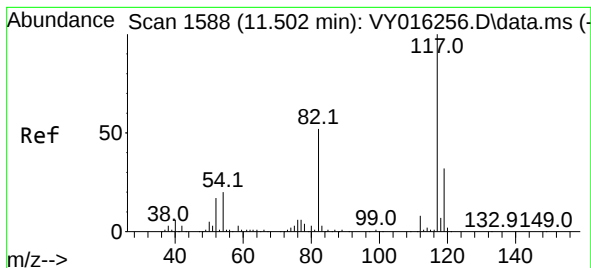
Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.2

176 79.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

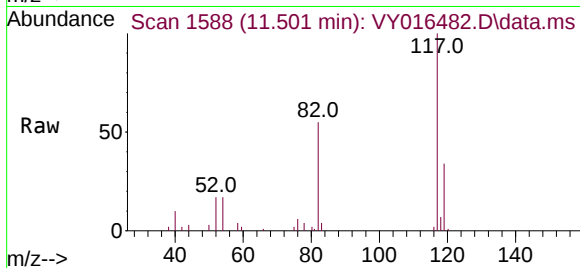
Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

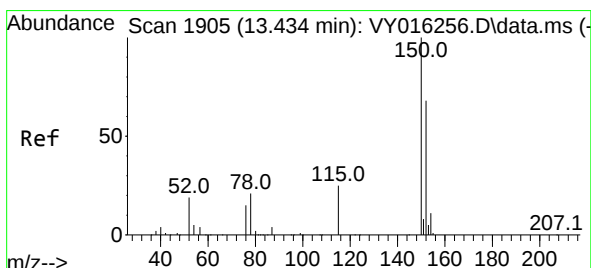
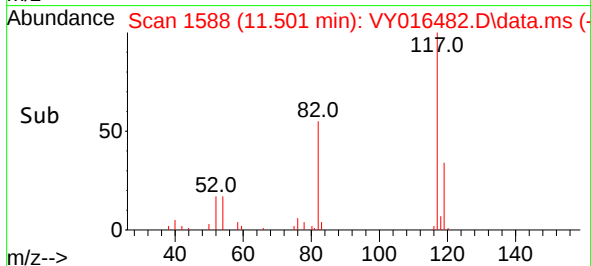
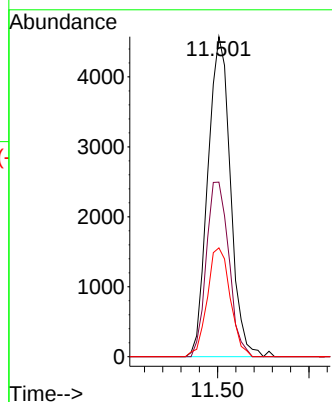
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	7866
Ion Ratio	Lower	Upper	
117	100		
82	54.6	43.4	65.0
119	34.0	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

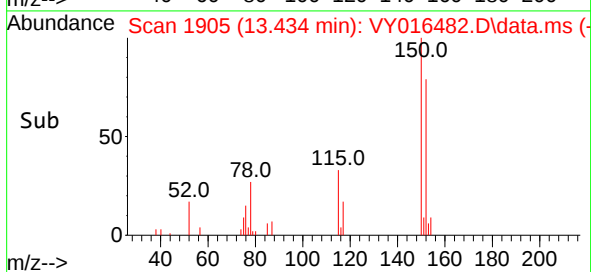
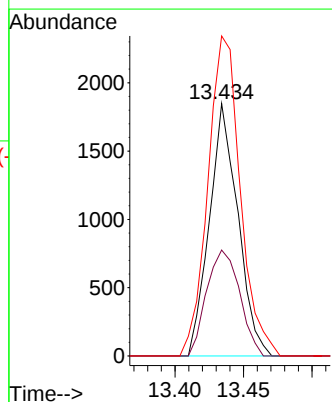
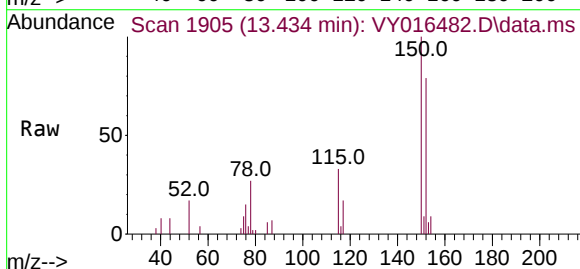
RT: 13.434 min Scan# 1905

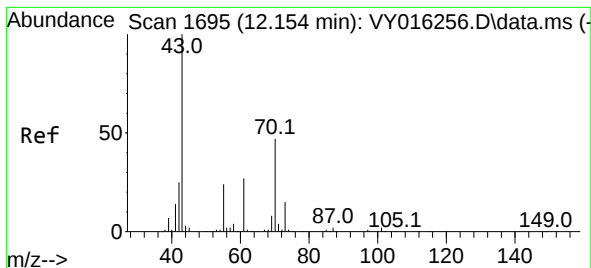
Delta R.T. -0.000 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

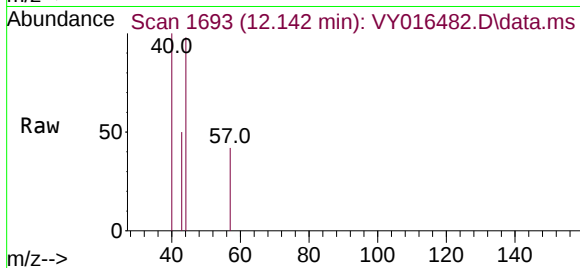
Tgt Ion:	152	Resp:	2676
Ion Ratio	Lower	Upper	
152	100		
115	48.5	28.8	86.5
150	144.1	0.0	348.8



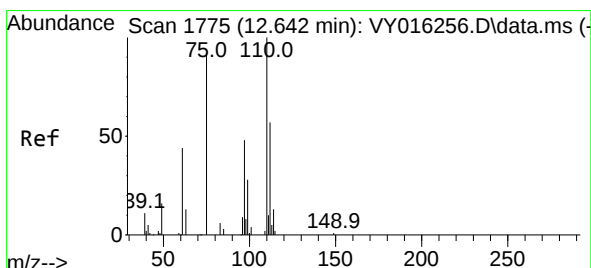
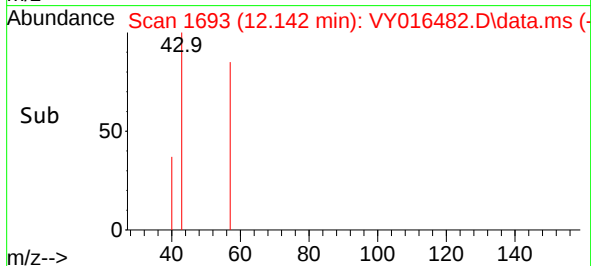
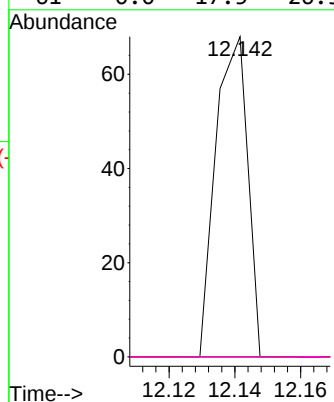


#74
N-amy1 acetate
Concen: 1.057 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.013 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :

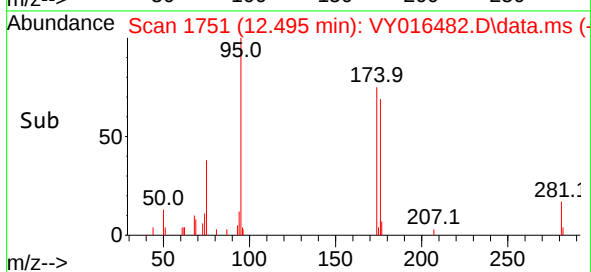
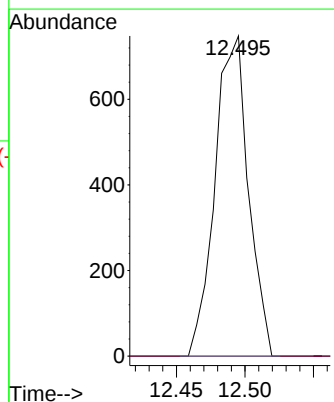
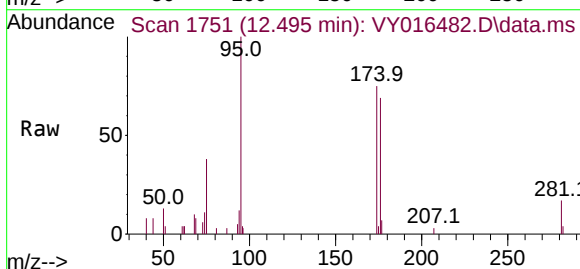


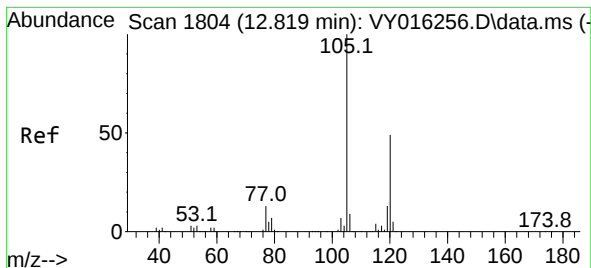
Tgt Ion: 43	Resp: 46
Ion Ratio	Lower Upper
43 100	
70 0.0	29.7 44.5#
55 0.0	18.3 27.5#
61 0.0	17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 49.434 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016482.D
Acq: 24 Nov 2023 14:18

Tgt Ion: 75	Resp:	1269	
Ion Ratio	Lower	Upper	
75 100			
77 0.0	0.0	0.0	





#80

1,3,5-Trimethylbenzene

Concen: 1.940 ug/l

RT: 12.824 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

Instrument :

MSVOA_Y

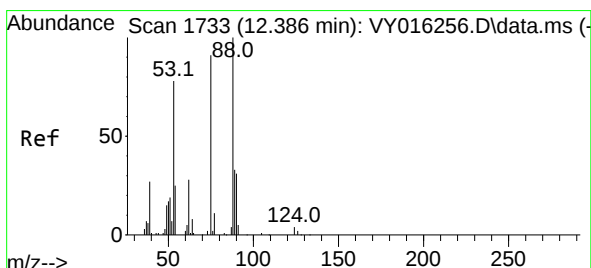
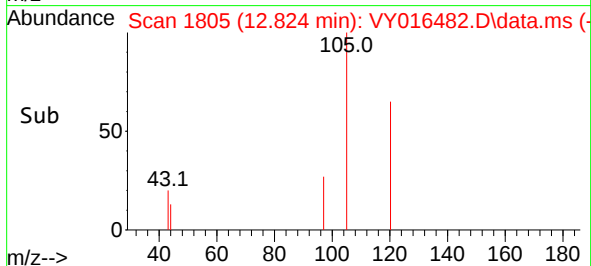
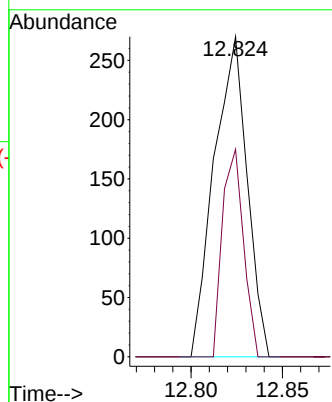
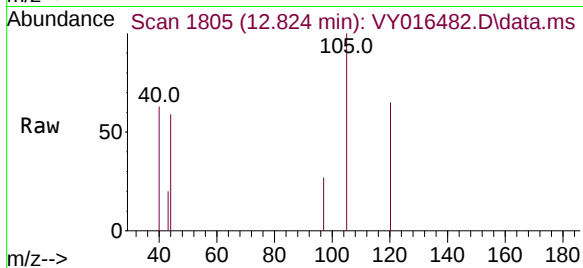
ClientSampleId :

Tgt Ion:105 Resp: 339

Ion Ratio Lower Upper

105 100

120 41.3 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 107.301 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.109 min

Lab File: VY016482.D

Acq: 24 Nov 2023 14:18

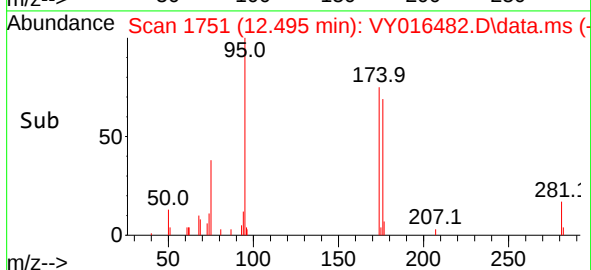
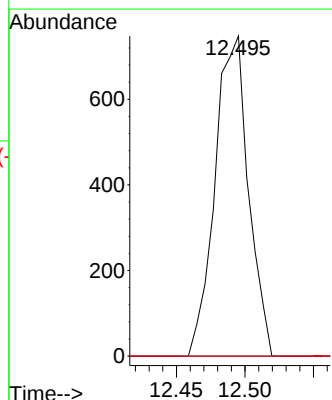
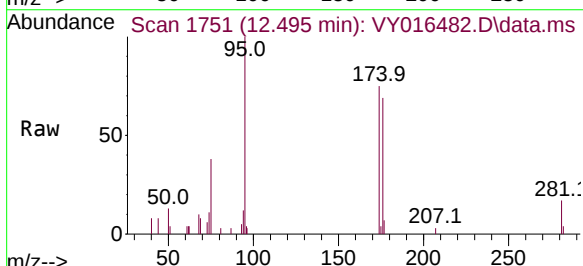
Tgt Ion: 75 Resp: 1269

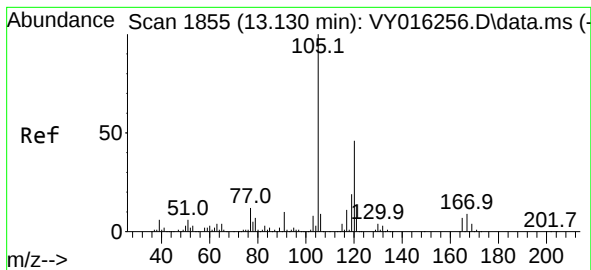
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

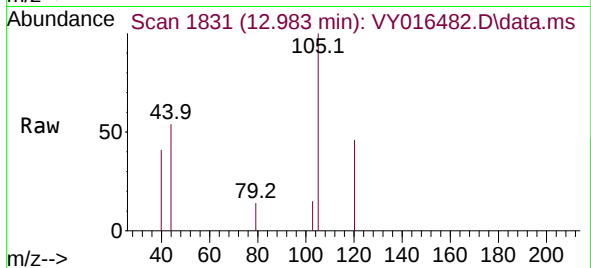
89 0.0 37.4 56.0#





#84
 1,2,4-Trimethylbenzene
 Concen: 3.034 ug/l
 RT: 12.983 min Scan# 11
 Delta R.T. -0.147 min
 Lab File: VY016482.D
 Acq: 24 Nov 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:105 Resp: 522
 Ion Ratio Lower Upper
 105 100
 120 31.0 22.2 66.6

