

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016471.D
 Acq On : 22 Nov 2023 18:41
 Operator : SY/MD
 Sample : 05540-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:09:54 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)

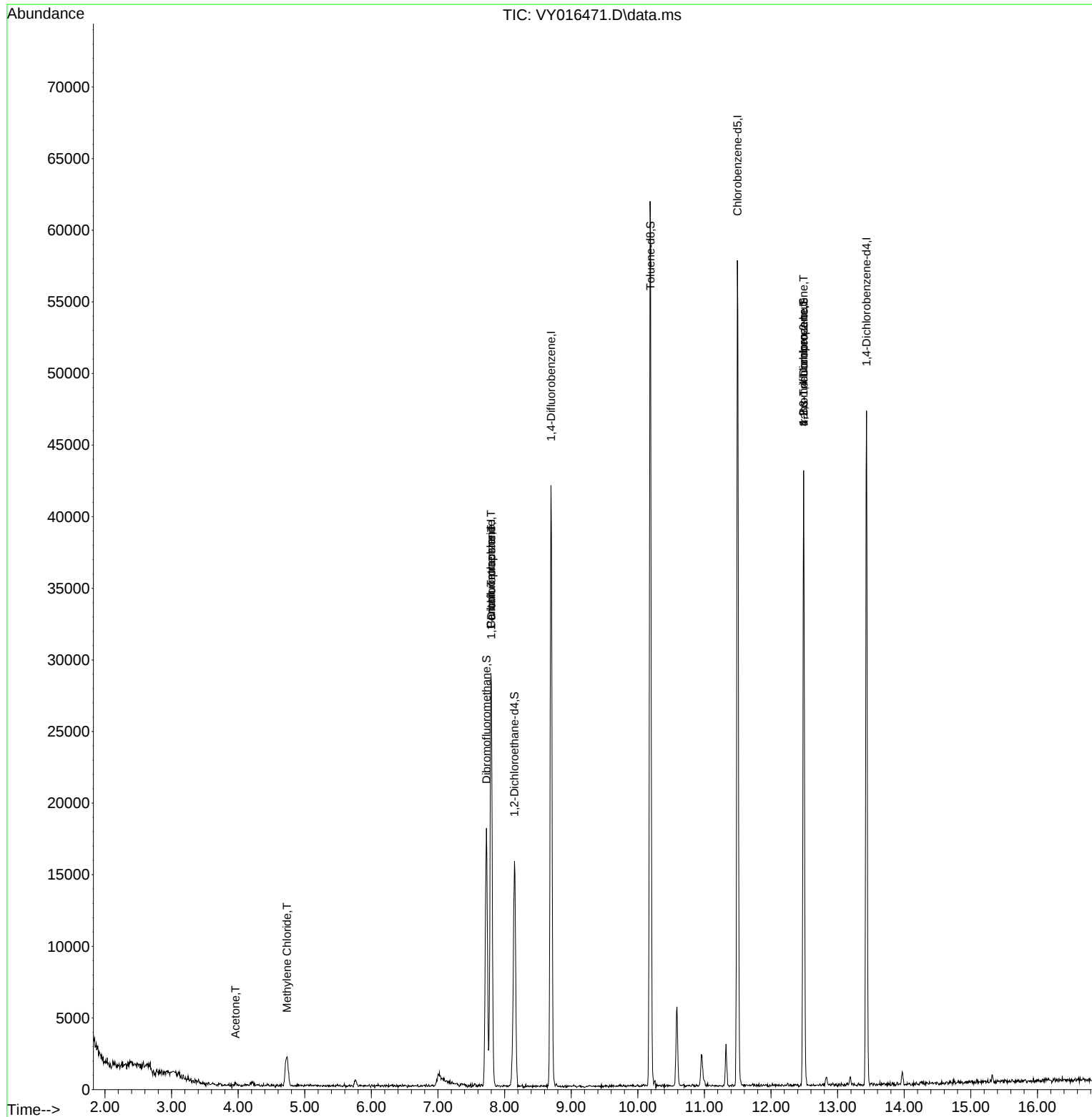
Internal Standards						
1) Pentafluorobenzene	7.795	168	24248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	37907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	34006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12393	55.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.840%	
35) Dibromofluoromethane	7.728	113	12874	59.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.580%	
50) Toluene-d8	10.191	98	42649	48.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	12.489	95	12188	42.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	150	4.092	ug/l #	46
20) Methylene Chloride	4.735	84	1962	4.402	ug/l #	76
36) 1,1-Dichloropropene	7.801	75	1780	4.760	ug/l #	50
38) Carbon Tetrachloride	7.795	117	2308	5.947	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	6147	47.396	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	6147	102.876	ug/l #	10

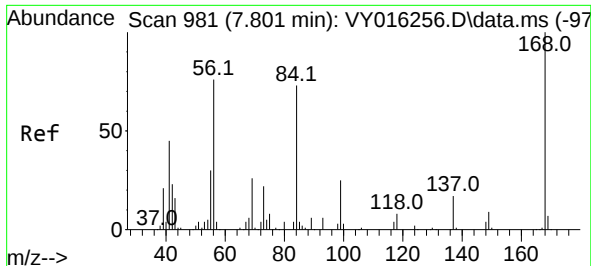
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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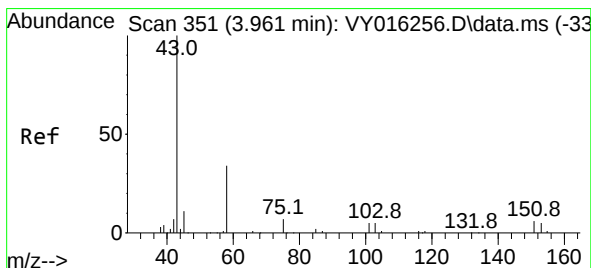
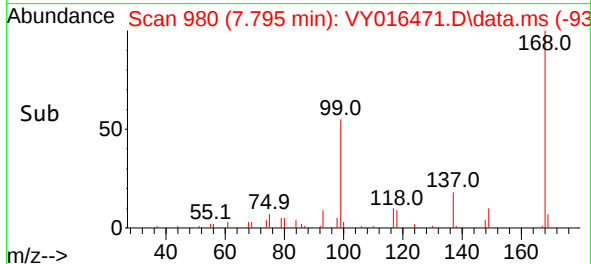
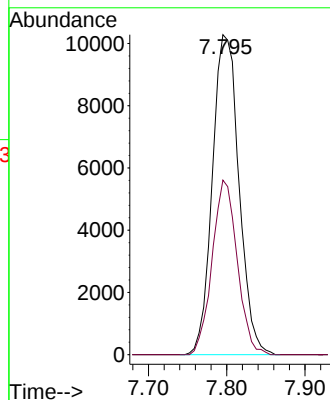
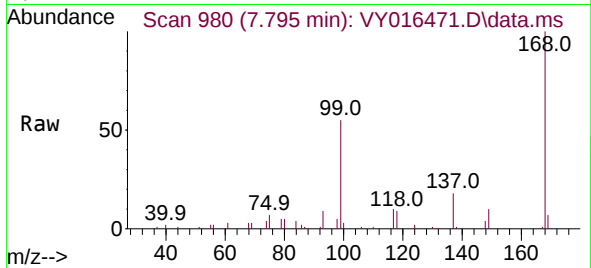




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

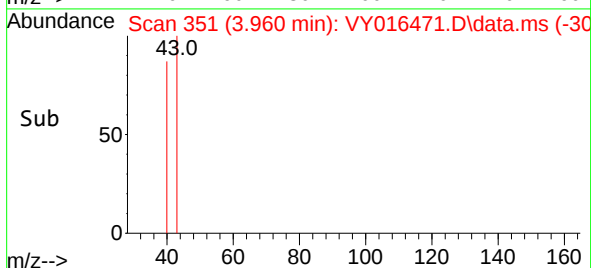
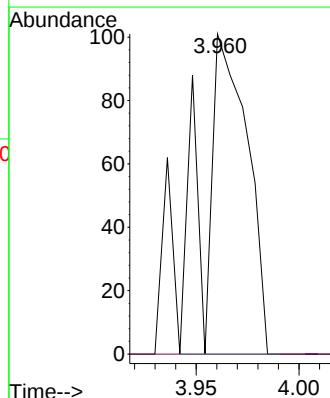
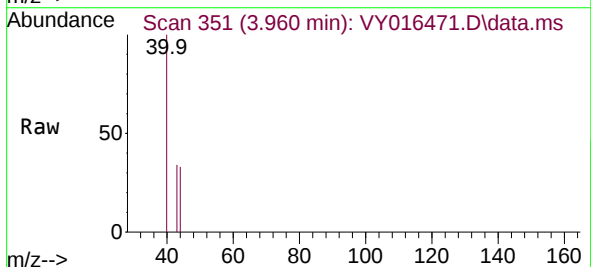
Instrument :
MSVOA_Y
ClientSampleId :

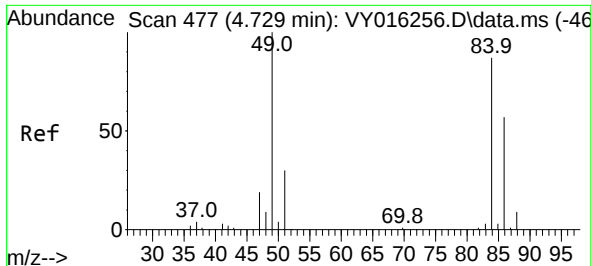
Tgt Ion:168 Resp: 24248
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 4.092 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

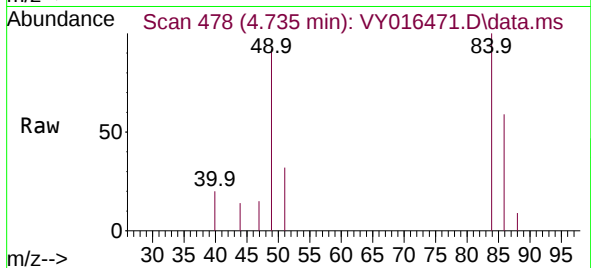
Tgt Ion: 43 Resp: 150
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





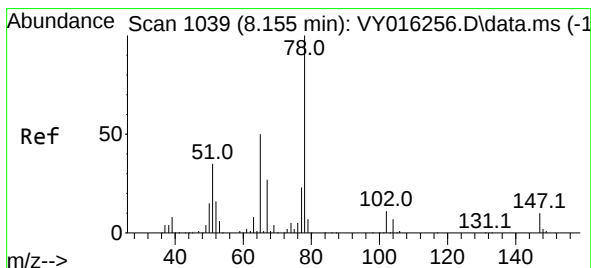
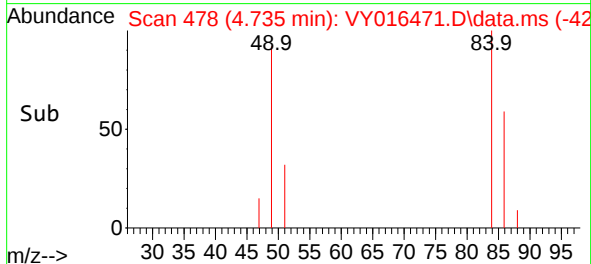
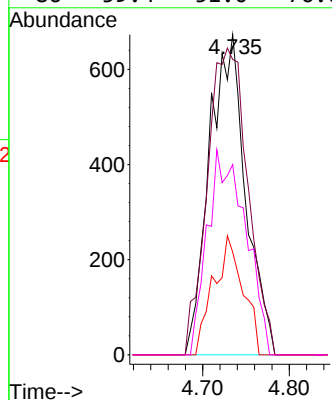
#20
Methylene Chloride
Concen: 4.402 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1962

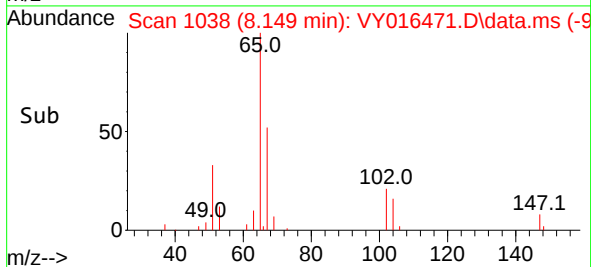
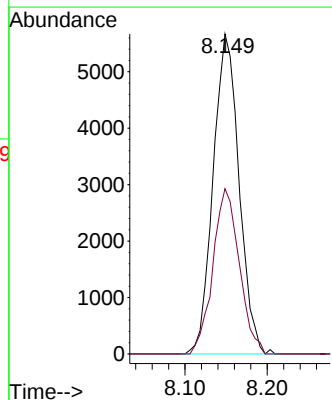
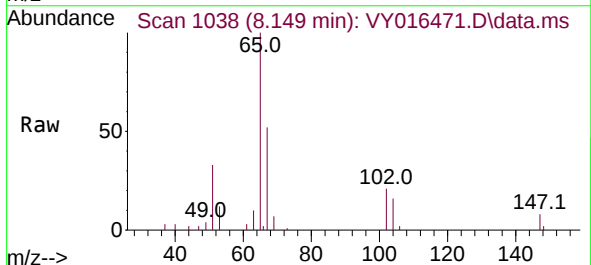
Ion	Ratio	Lower	Upper
84	100		
49	92.3	106.9	160.3#
51	32.1	33.2	49.8#
86	59.4	51.0	76.6

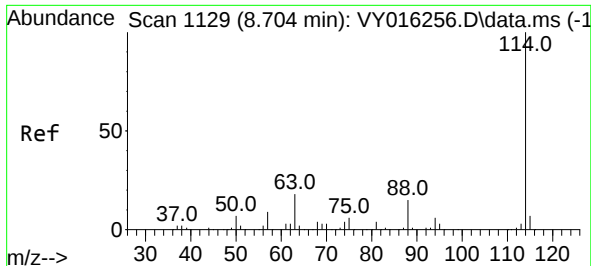


#33
1,2-Dichloroethane-d4
Concen: 55.921 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

Tgt Ion: 65 Resp: 12393

Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VY016471.D

Acq: 22 Nov 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

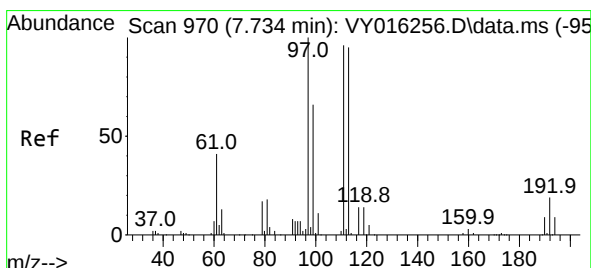
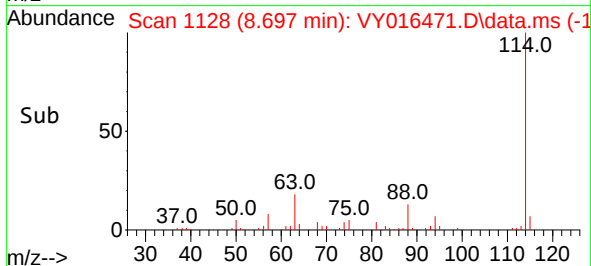
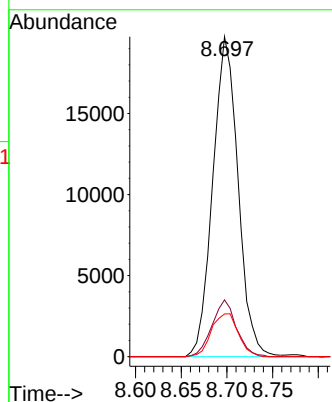
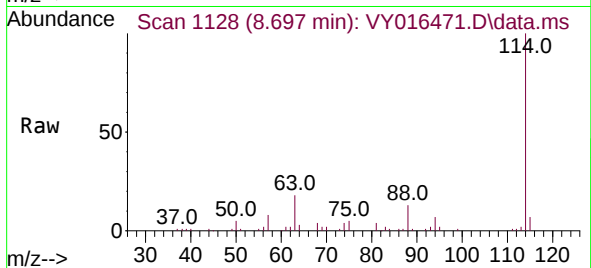
Tgt Ion:114 Resp: 37907

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.786 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

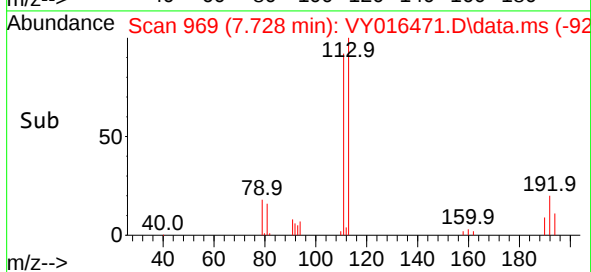
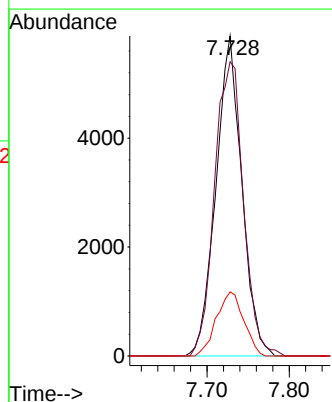
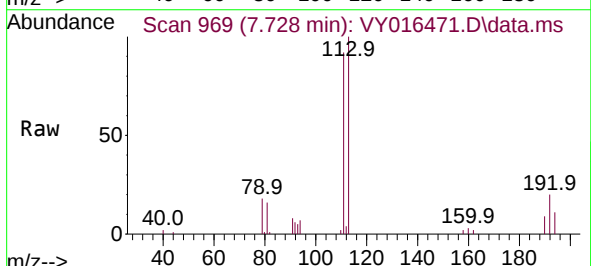
Tgt Ion:113 Resp: 12874

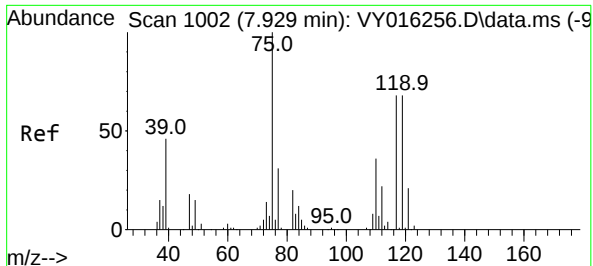
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 21.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY016471.D

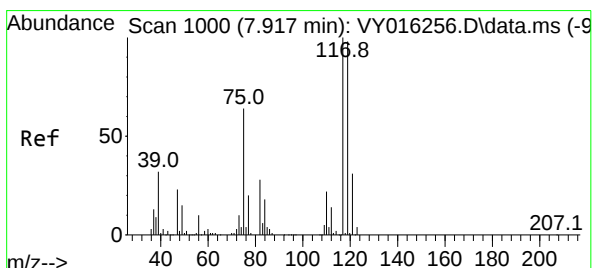
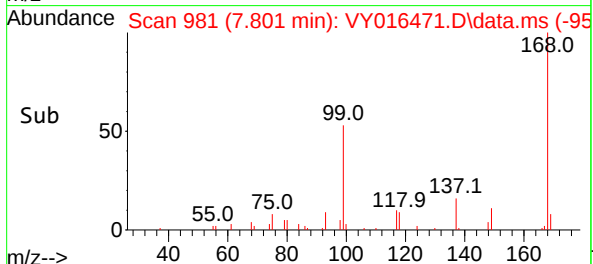
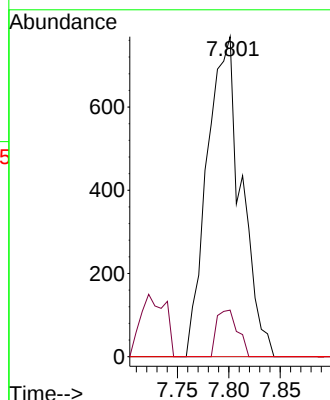
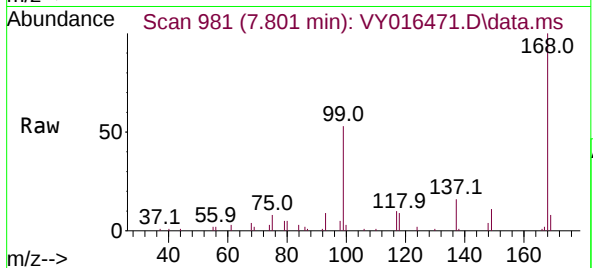
Acq: 22 Nov 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	1780
Ion Ratio	Lower	Upper
75	100	
110	8.9	17.8 53.5#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.947 ug/l

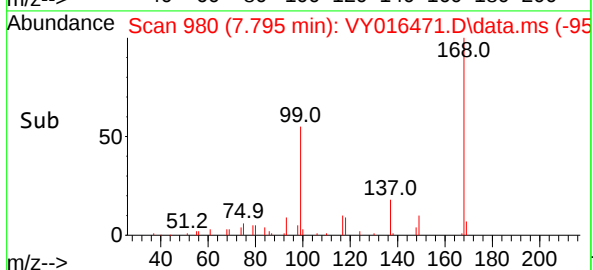
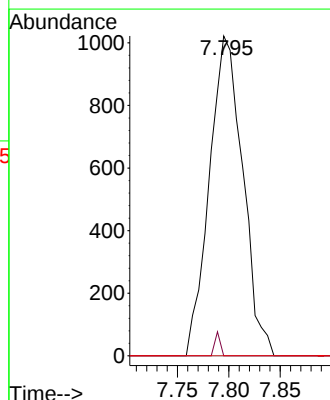
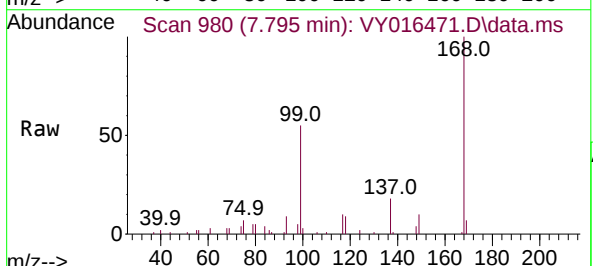
RT: 7.795 min Scan# 980

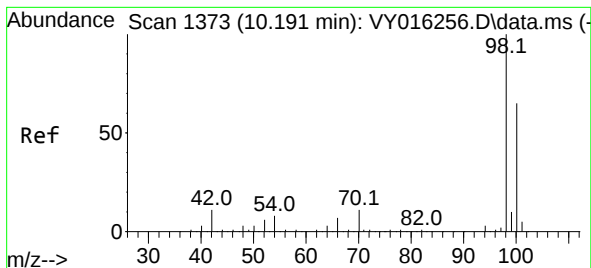
Delta R.T. -0.122 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

Tgt Ion: 117	Resp:	2308
Ion Ratio	Lower	Upper
117	100	
119	0.0	76.4 114.6#
121	0.0	25.8 38.6#

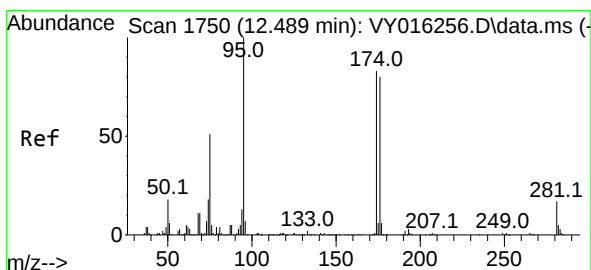
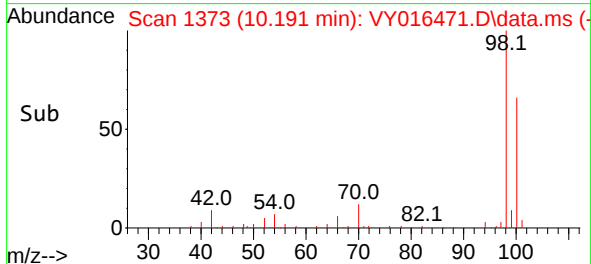
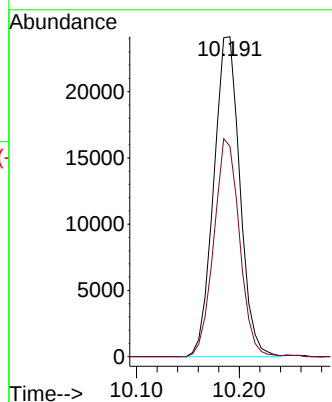
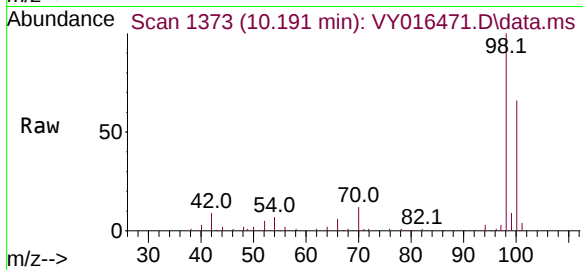




#50
Toluene-d8
Concen: 48.840 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

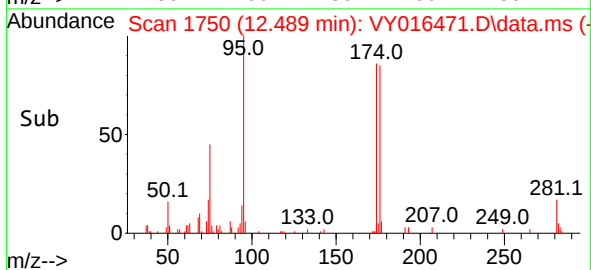
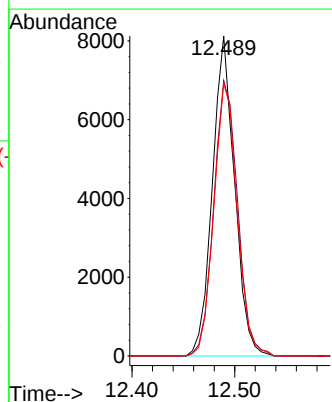
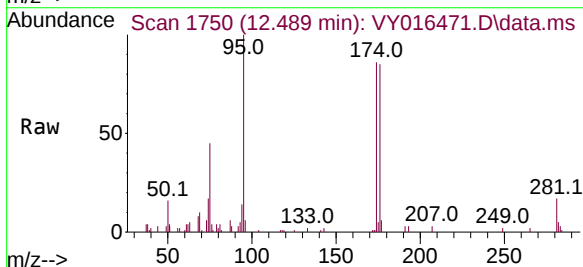
Instrument :
MSVOA_Y
ClientSampleId :

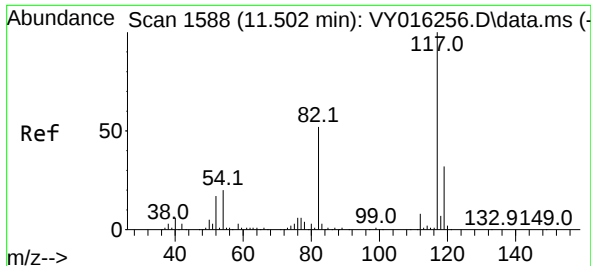
Tgt Ion: 98 Resp: 42649
Ion Ratio Lower Upper
98 100
100 67.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.974 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

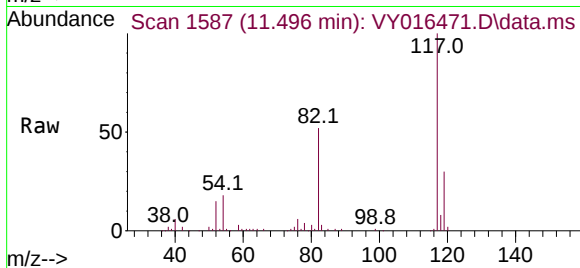
Tgt Ion: 95 Resp: 12188
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 89.2 0.0 173.8



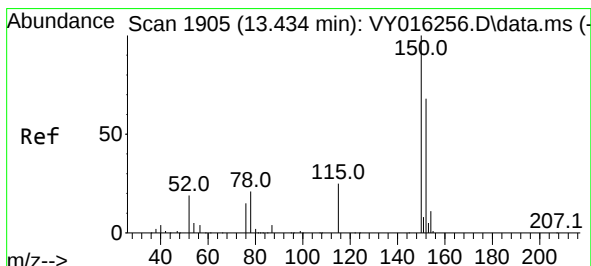
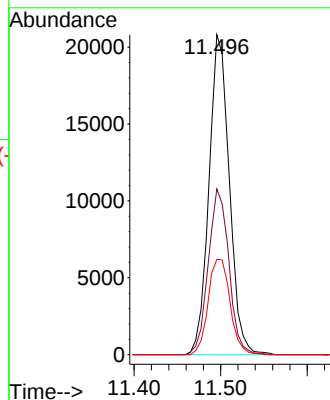
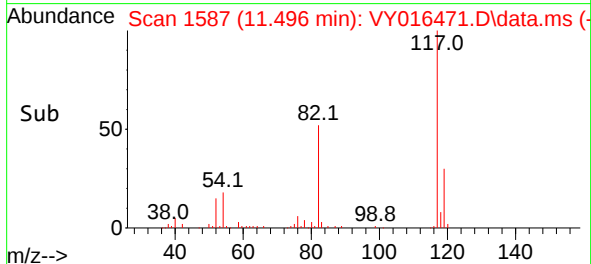


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41

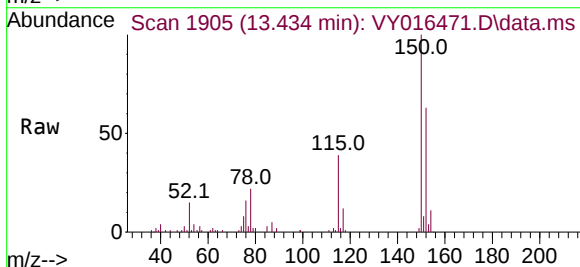
Instrument :
MSVOA_Y
ClientSampleId :



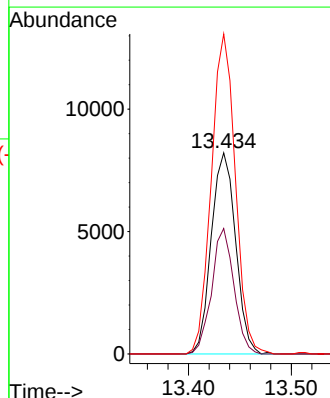
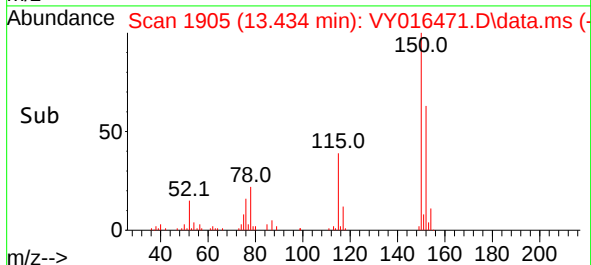
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.4	65.0
119	29.8	26.3	39.5

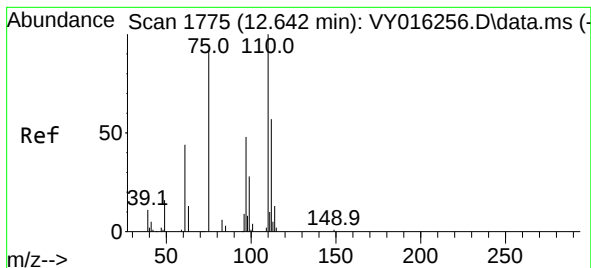


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016471.D
Acq: 22 Nov 2023 18:41



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.8	86.5
150	156.8	0.0	348.8





#76

1,2,3-Trichloropropane

Concen: 47.396 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

Instrument :

MSVOA_Y

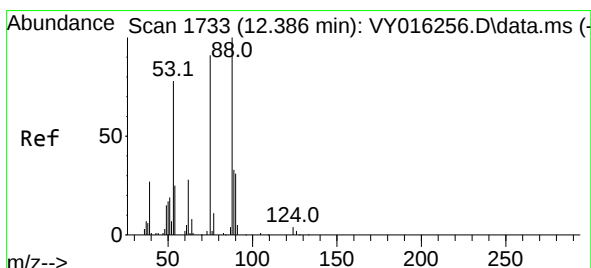
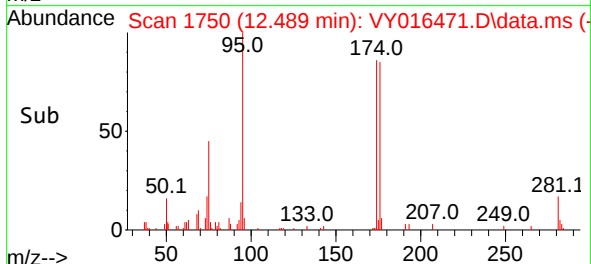
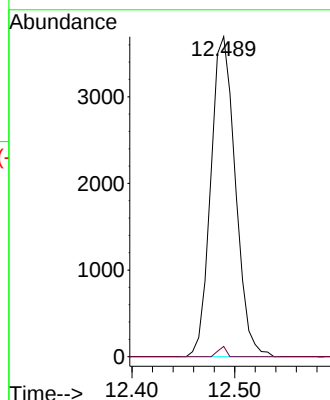
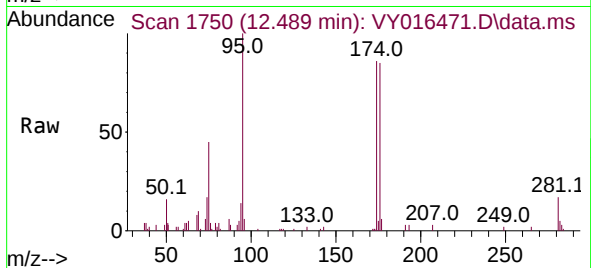
ClientSampleId :

Tgt Ion: 75 Resp: 6147

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.876 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016471.D

Acq: 22 Nov 2023 18:41

Tgt Ion: 75 Resp: 6147

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

