

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011283.D
 Acq On : 03 Nov 2022 13:12
 Operator : KP/MD
 Sample : N5393-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-4-103122

Quant Time: Nov 03 14:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

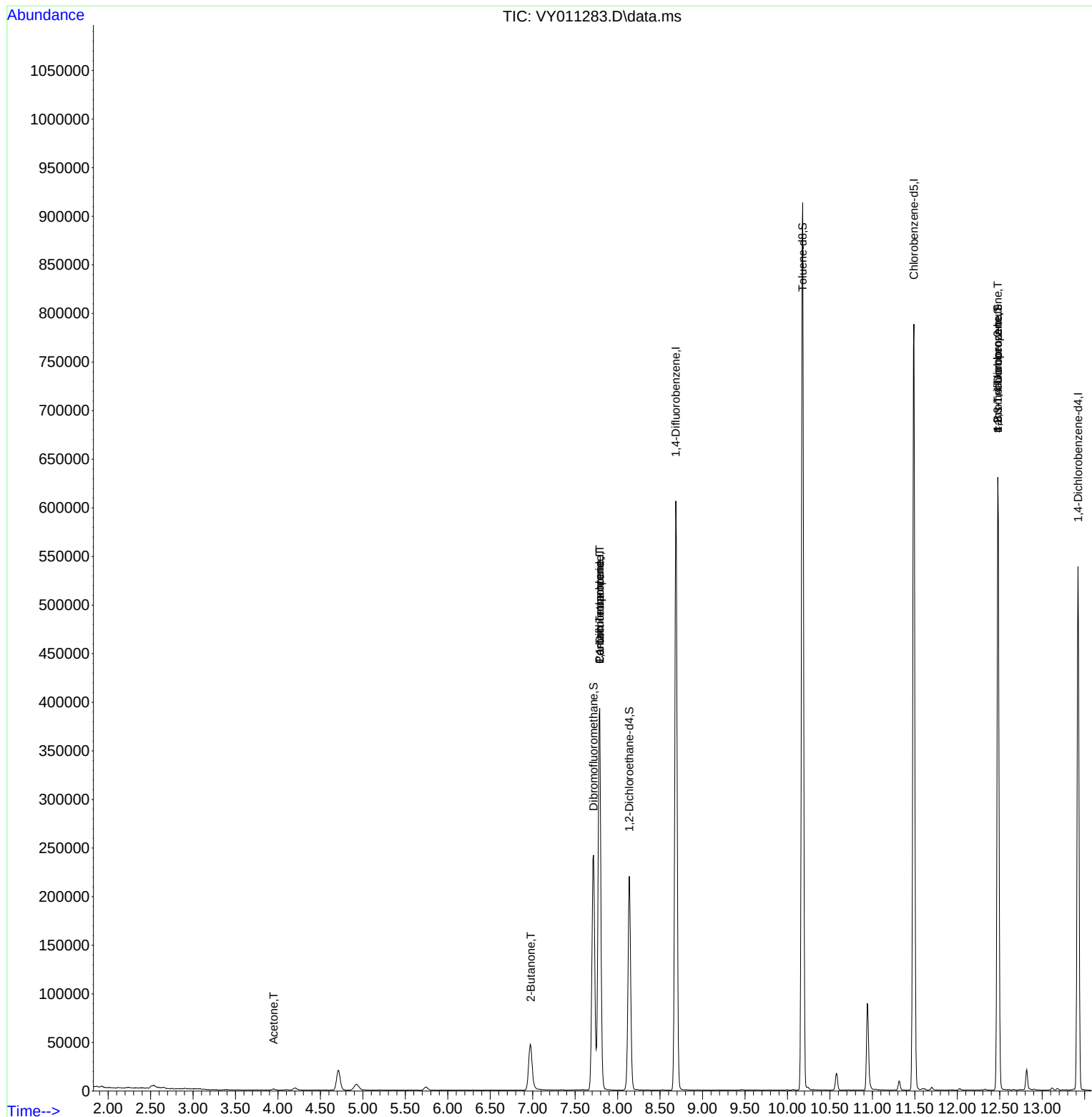
Internal Standards						
1) Pentafluorobenzene	7.789	168	313784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	527399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	453088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165617	49.351	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.700%	
35) Dibromofluoromethane	7.716	113	178229	52.598	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.200%	
50) Toluene-d8	10.179	98	624112	47.439	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.880%	
62) 4-Bromofluorobenzene	12.477	95	193672	42.404	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	173	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	7034	Below Cal	#	77
16) Acetone	3.948	43	1816	1.793	ug/l #	85
20) Methylene Chloride	4.716	84	16813	Below Cal	#	77
25) 2-Butanone	6.978	43	2920	2.049	ug/l #	90
36) 1,1-Dichloropropene	7.789	75	22766	4.114	ug/l #	51
38) Carbon Tetrachloride	7.789	117	30362	5.289	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	93731	53.948	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	93731	115.456	ug/l #	7

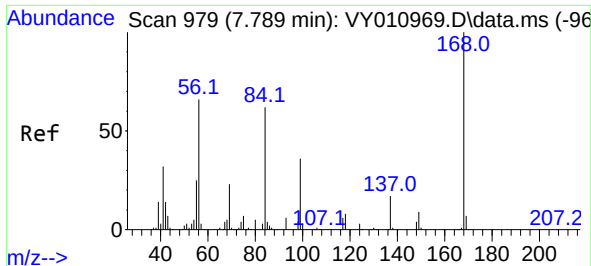
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
Data File : VY011283.D
Acq On : 03 Nov 2022 13:12
Operator : KP/MD
Sample : N5393-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

Quant Time: Nov 03 14:30:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

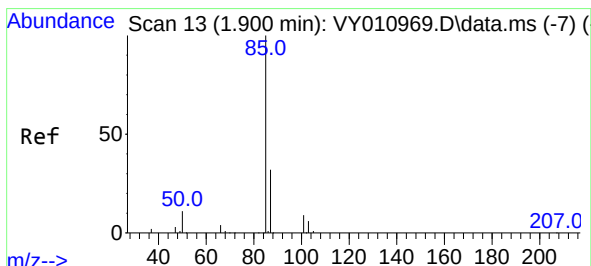
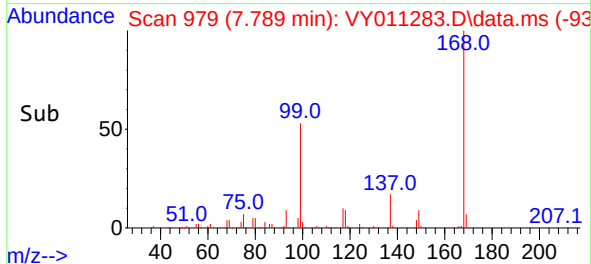
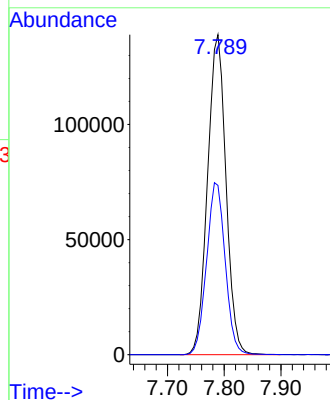
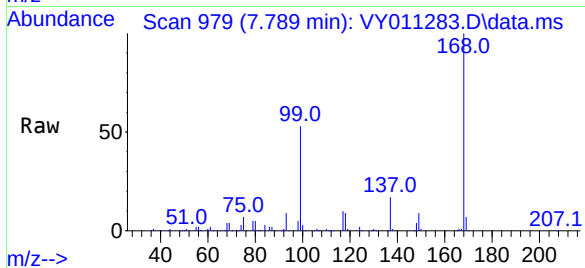




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

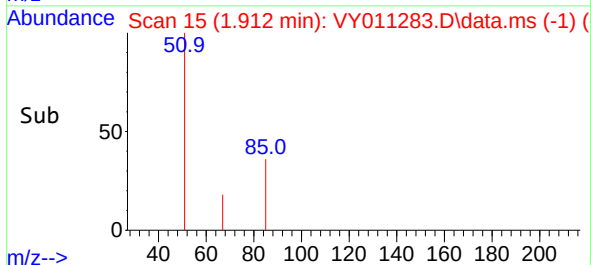
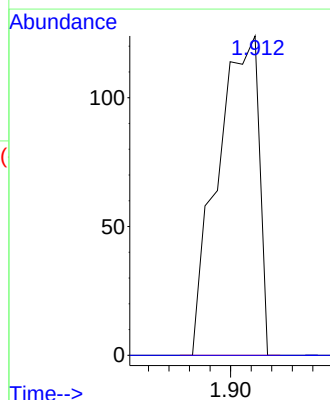
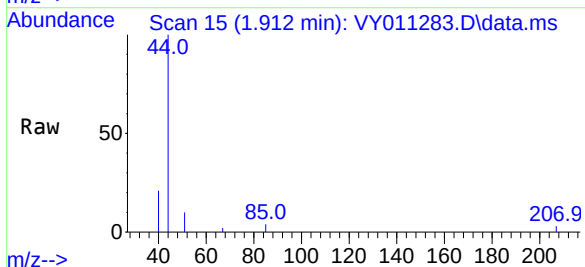
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

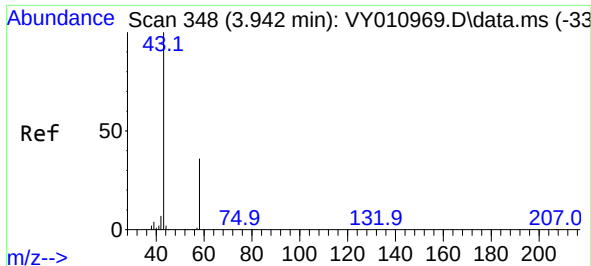
Tgt Ion:168 Resp: 313784
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 85 Resp: 173
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

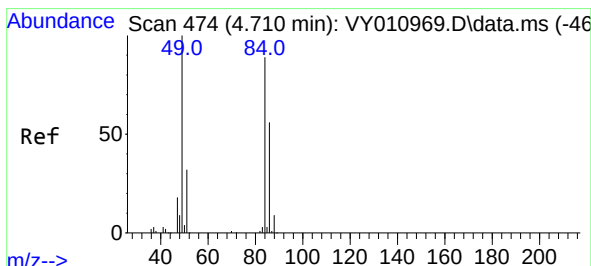
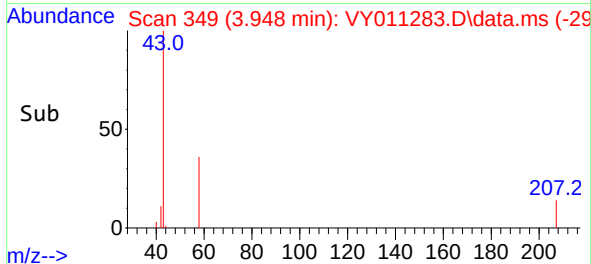
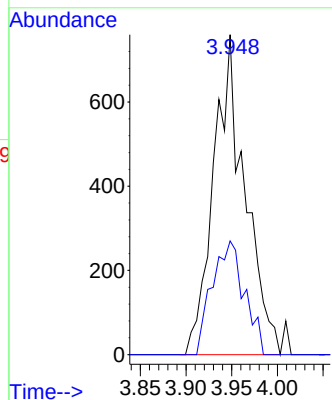
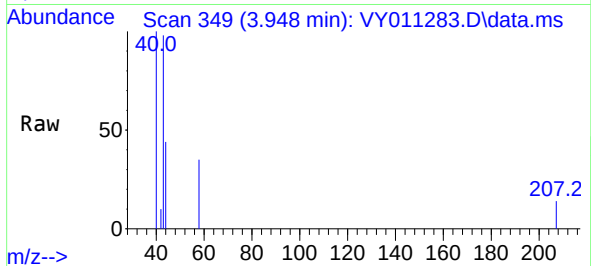




#16
Acetone
Concen: 1.793 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

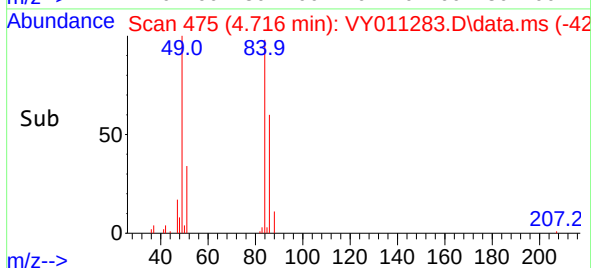
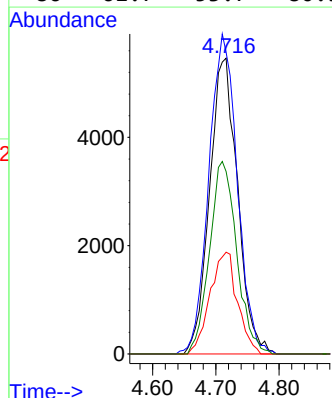
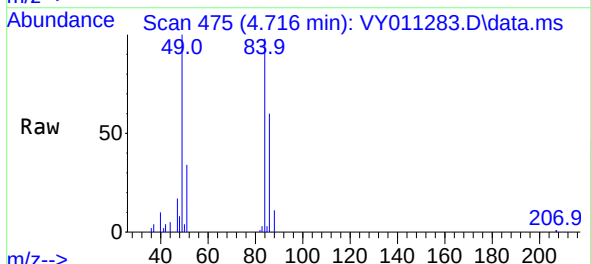
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

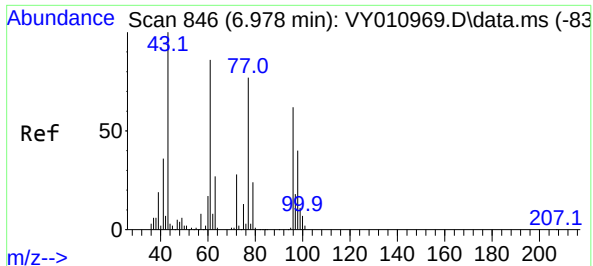
Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 84 Resp: 16813
Ion Ratio Lower Upper
84 100
49 102.0 114.4 171.6#
51 34.4 35.3 52.9#
86 61.7 53.7 80.5

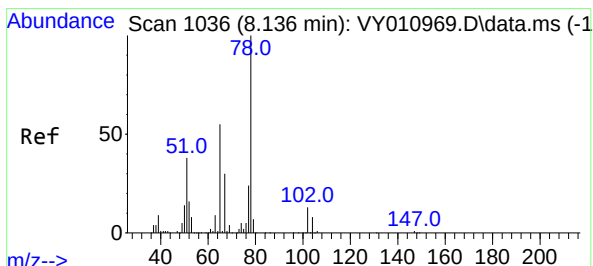
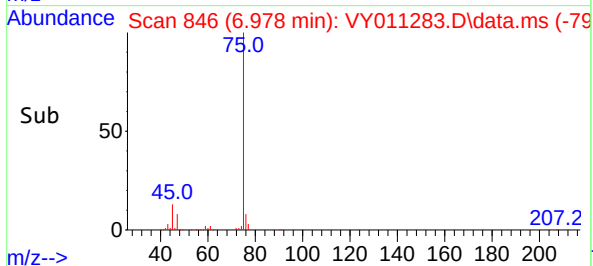
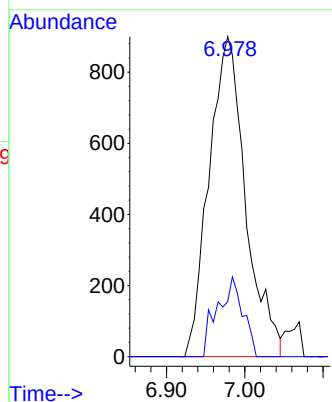
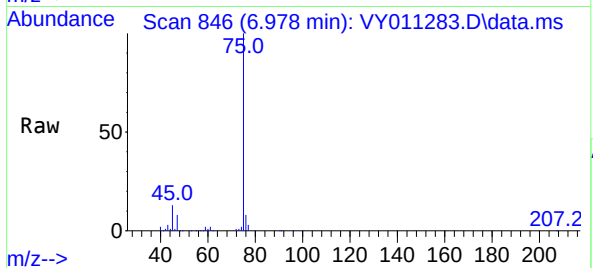




#25
2-Butanone
Concen: 2.049 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

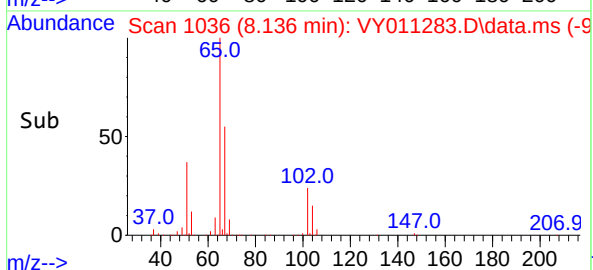
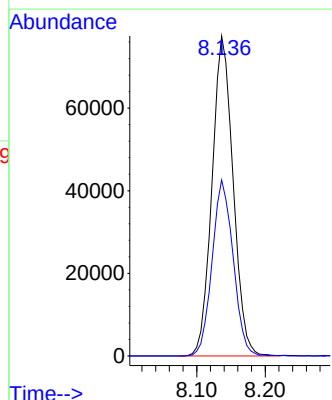
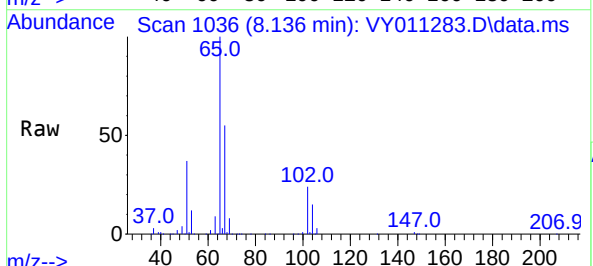
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

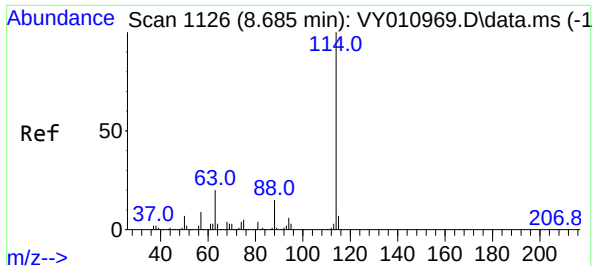
Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
72 17.2 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 49.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 65 Resp: 165617
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011283.D

Acq: 03 Nov 2022 13:12

Instrument :

MSVOA_Y

ClientSampleId :

SU-4-103122

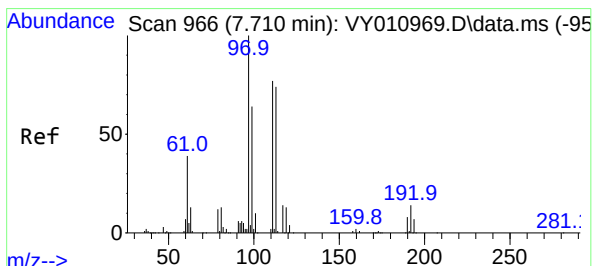
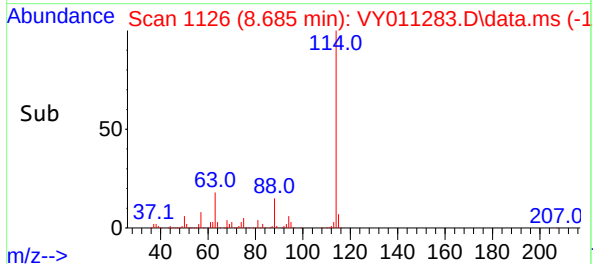
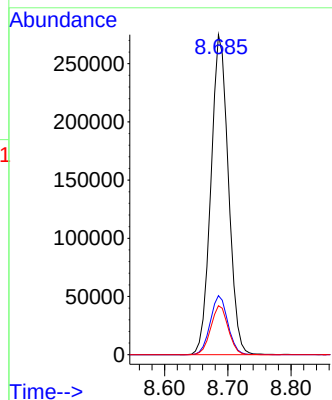
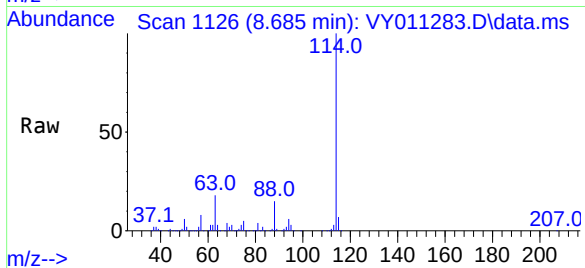
Tgt Ion:114 Resp: 527399

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.598 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011283.D

Acq: 03 Nov 2022 13:12

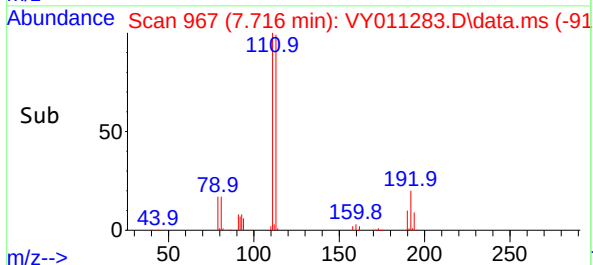
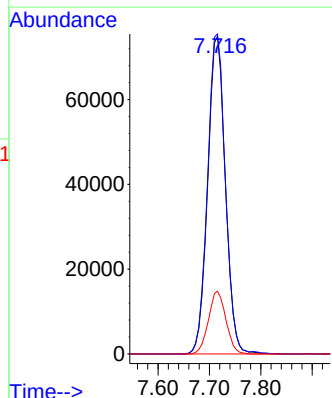
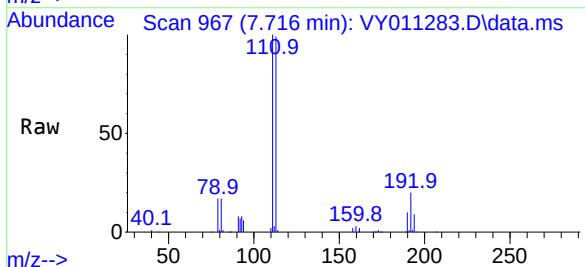
Tgt Ion:113 Resp: 178229

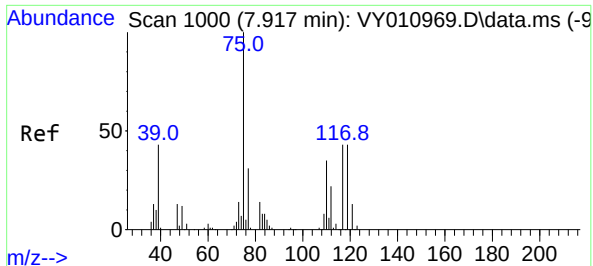
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.6 17.6 26.4

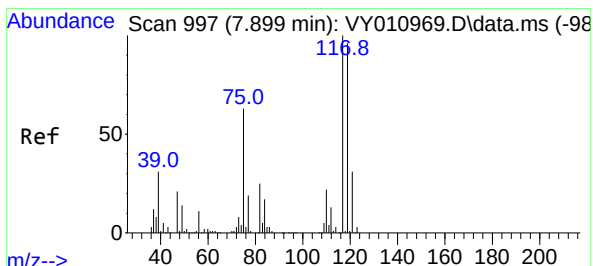
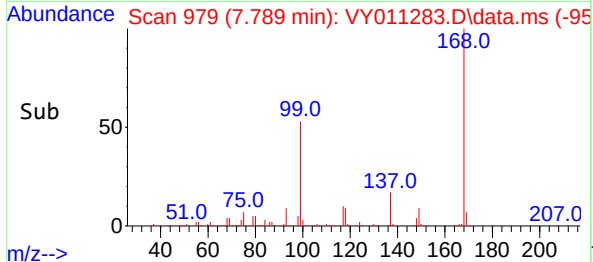
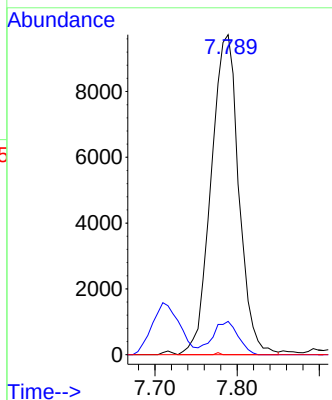
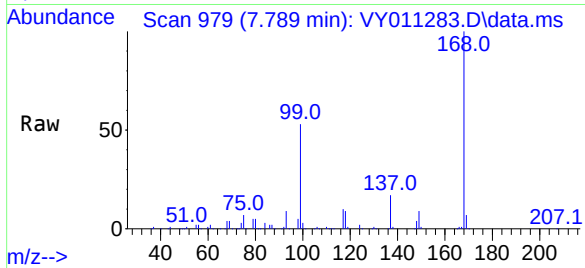




#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

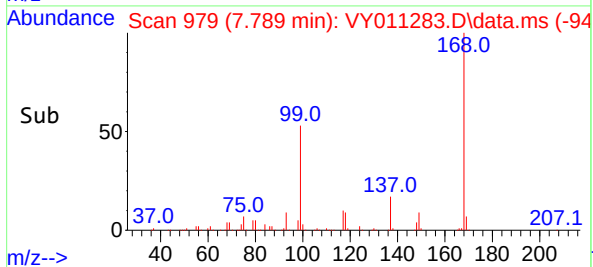
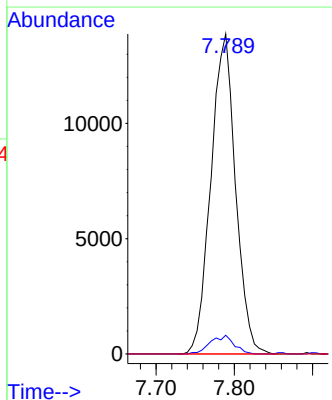
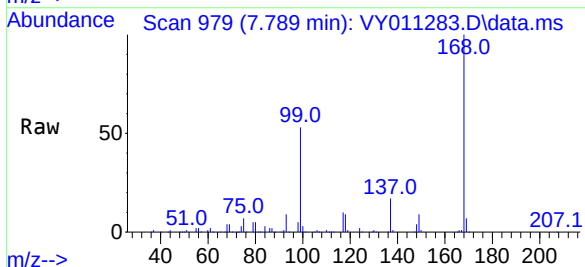
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

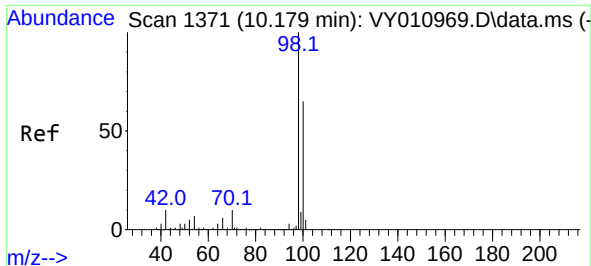
Tgt Ion: 75 Resp: 22766
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 117 Resp: 30362
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

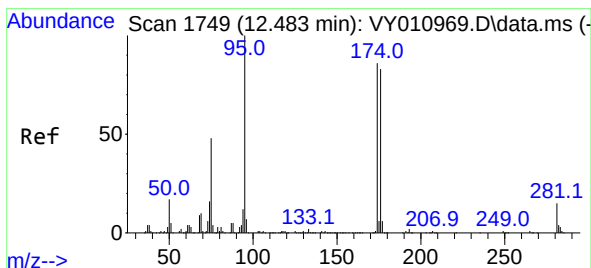
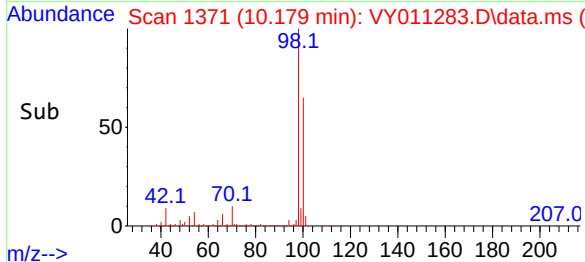
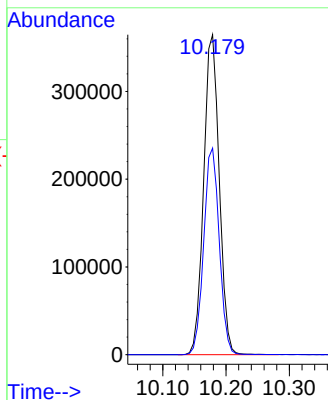
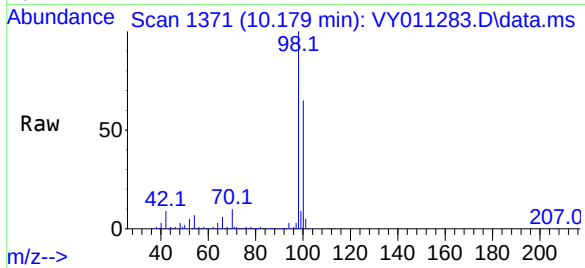




#50
Toluene-d8
Concen: 47.439 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

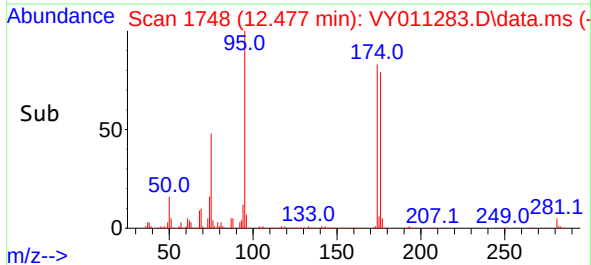
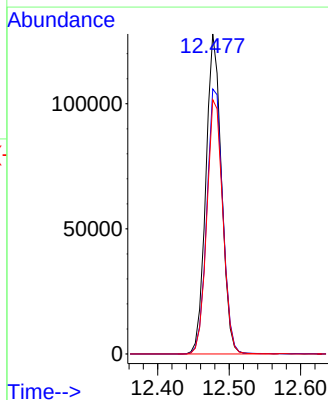
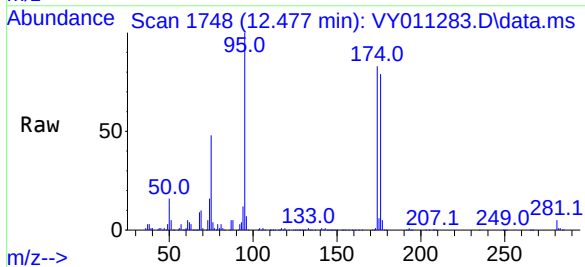
Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

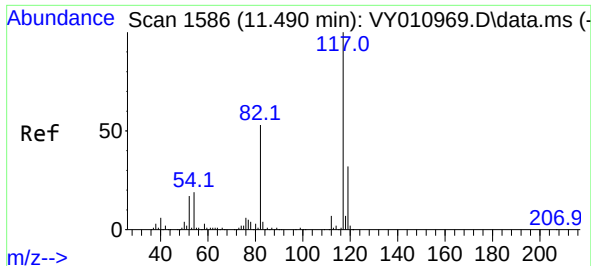
Tgt Ion: 98 Resp: 624112
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

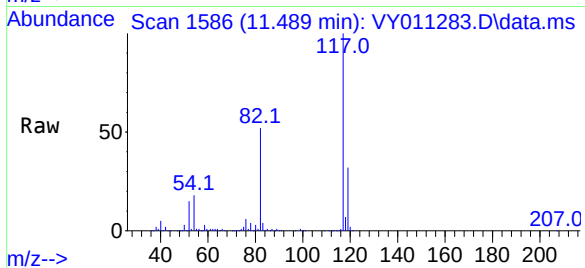
Tgt Ion: 95 Resp: 193672
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.5 0.0 175.8



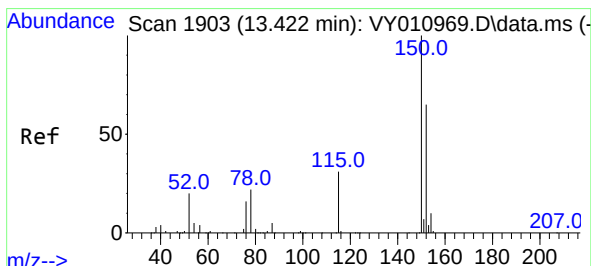
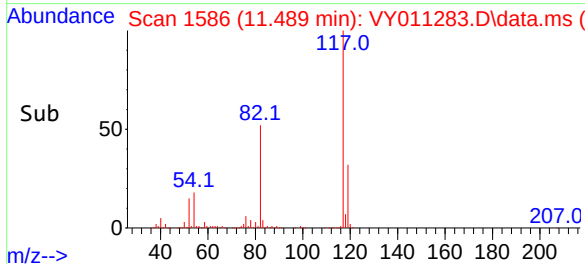
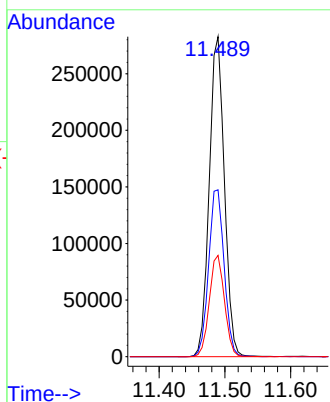


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

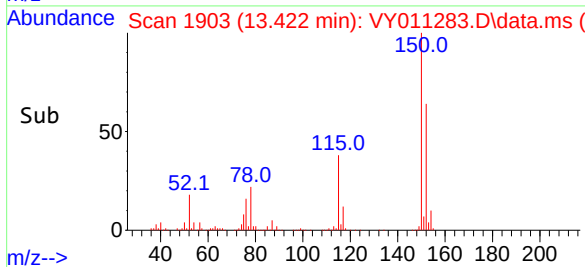
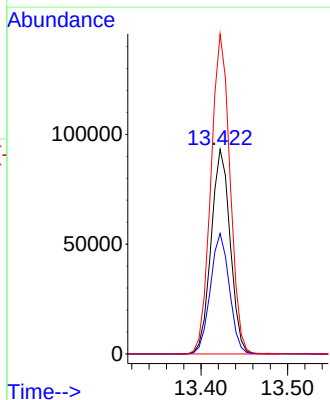
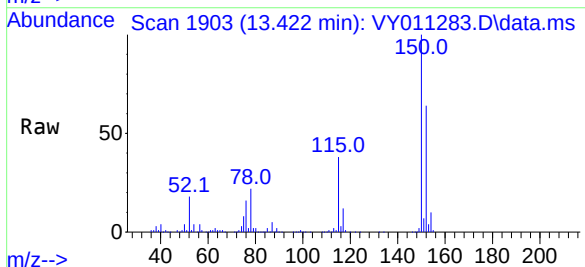


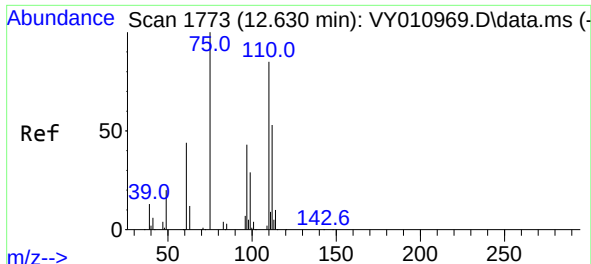
Tgt Ion:117 Resp: 453088
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion:152 Resp: 142714
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.7 0.0 347.6

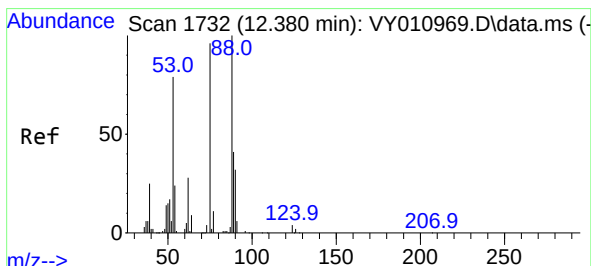
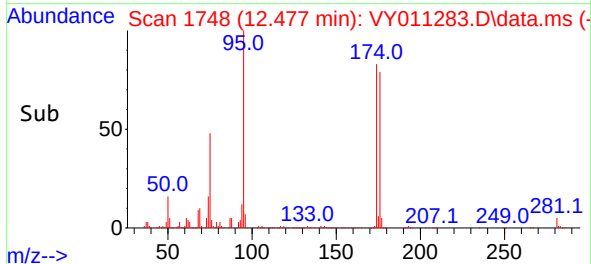
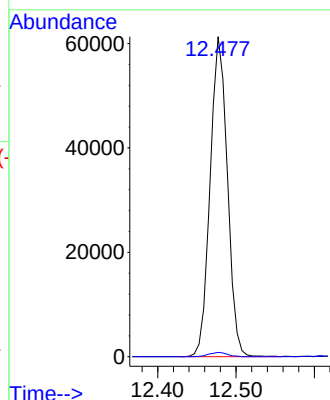
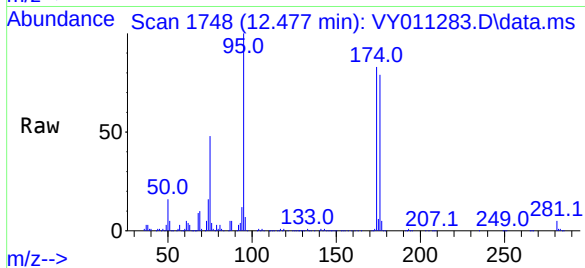




#76
1,2,3-Trichloropropane
Concen: 53.948 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :
SU-4-103122

Tgt Ion: 75 Resp: 93731
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011283.D
Acq: 03 Nov 2022 13:12

Tgt Ion: 75 Resp: 93731
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

