

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018445.D
 Acq On : 03 Jun 2024 17:04
 Operator : SY/MD
 Sample : P2689-02
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-05312024

Quant Time: Jun 04 05:42:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

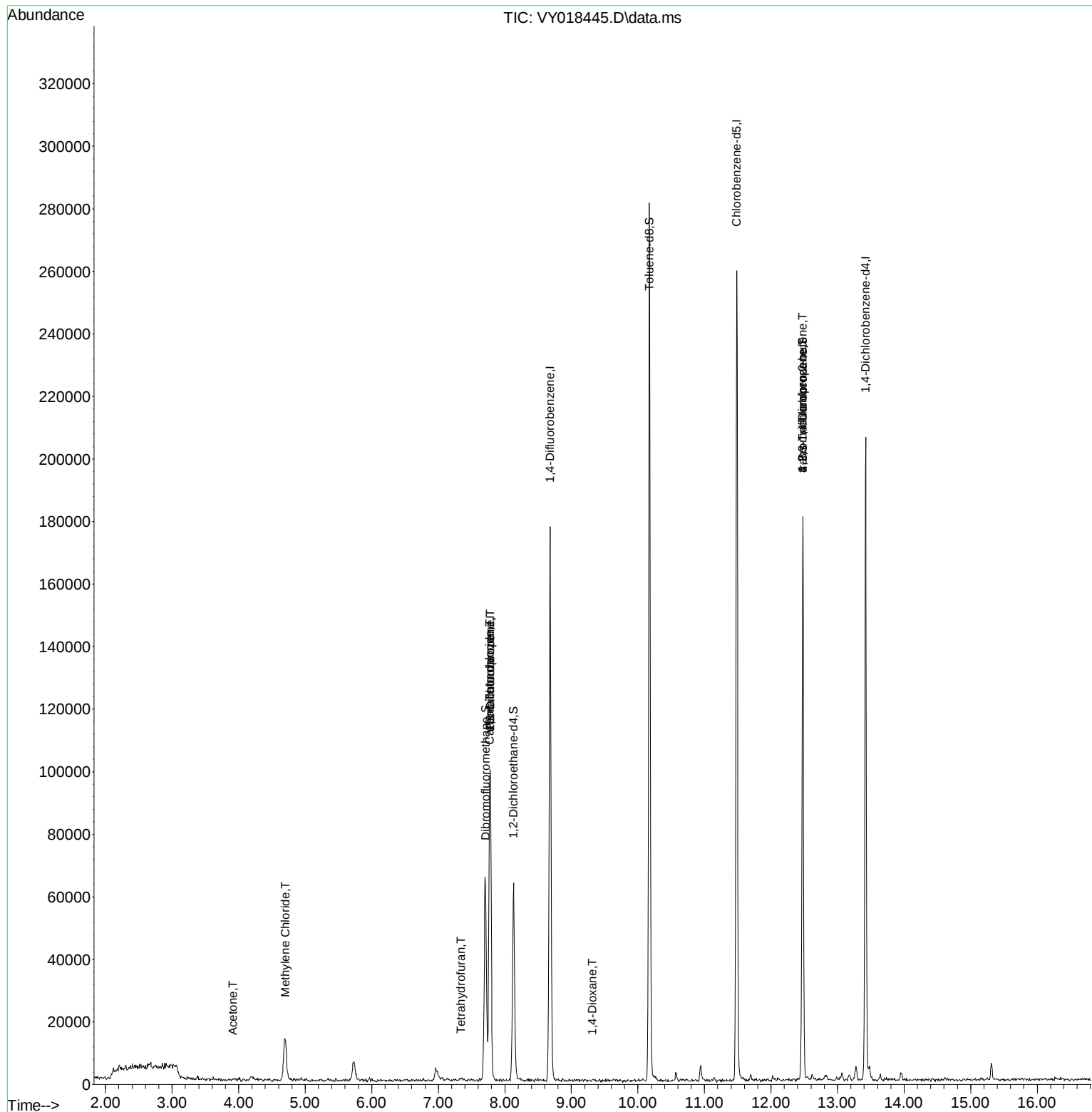
Internal Standards						
1) Pentafluorobenzene	7.783	168	71730	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	150446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	135112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47424	33.666	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	67.340%	
35) Dibromofluoromethane	7.710	113	45504	23.852	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	47.700%#	
50) Toluene-d8	10.173	98	183272	24.148	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	48.300%#	
62) 4-Bromofluorobenzene	12.477	95	53456	22.622	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	143	Below Cal	#	5
16) Acetone	3.918	43	887	2.837	ug/l #	77
20) Methylene Chloride	4.704	84	9215	2.409	ug/l	89
29) Tetrahydrofuran	7.344	42	493	1.585	ug/l #	63
36) 1,1-Dichloropropene	7.783	75	7020	2.413	ug/l #	48
38) Carbon Tetrachloride	7.771	117	7667	2.630	ug/l #	15
49) 1,4-Dioxane	9.319	88	20	1.333	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	29159	46.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29159	98.524	ug/l #	16

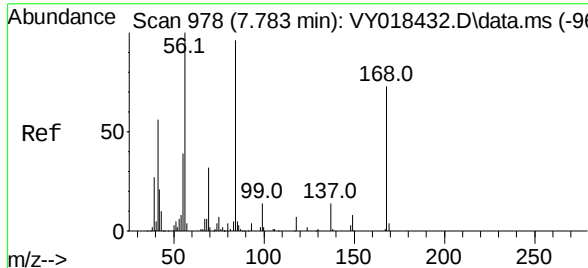
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018445.D
Acq On : 03 Jun 2024 17:04
Operator : SY/MD
Sample : P2689-02
Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

Quant Time: Jun 04 05:42:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 05:38:21 2024
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 344

Delta R.T. -0.000 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

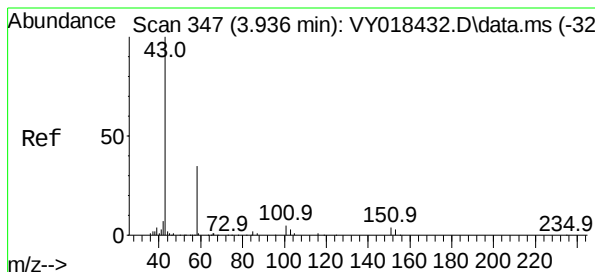
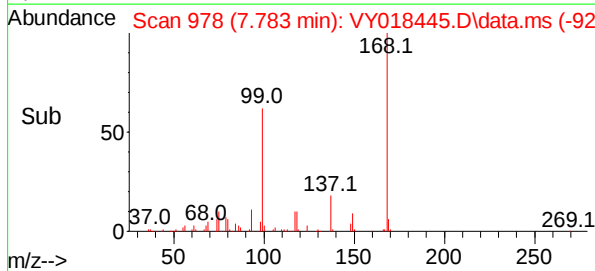
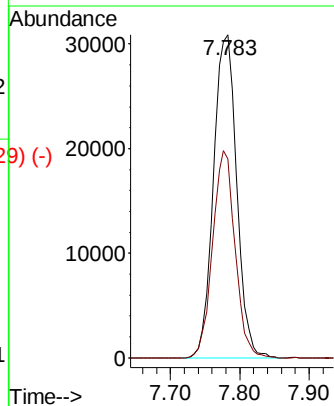
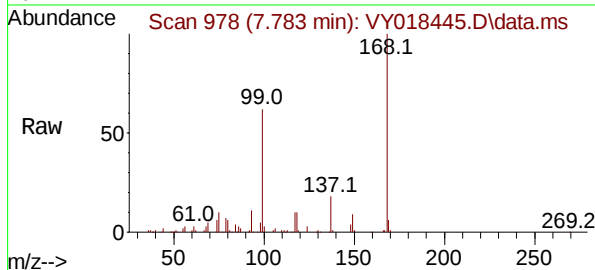
BU-03-05312024

Tgt Ion:168 Resp: 71730

Ion Ratio Lower Upper

168 100

99 61.6 39.1 58.7#



Acetone

Concen: 2.837 ug/l

RT: 3.918 min Scan# 344

Delta R.T. -0.018 min

Lab File: VY018445.D

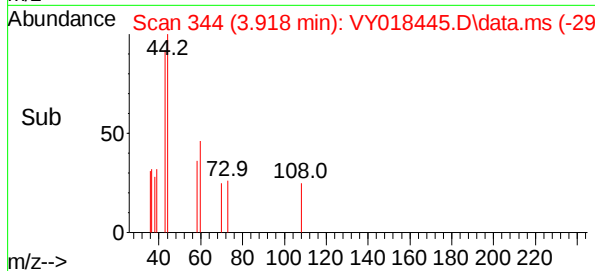
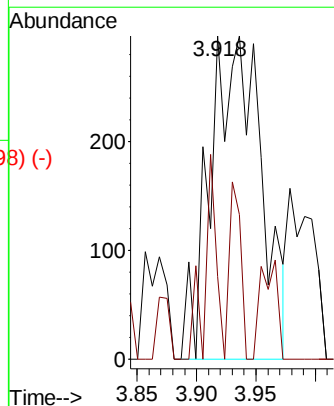
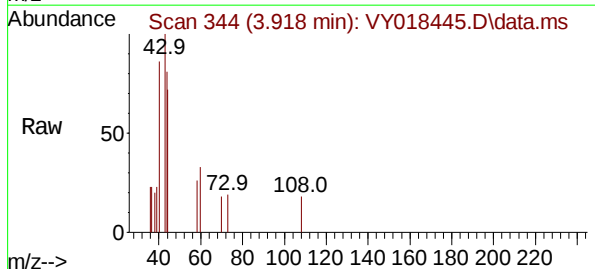
Acq: 03 Jun 2024 17:04

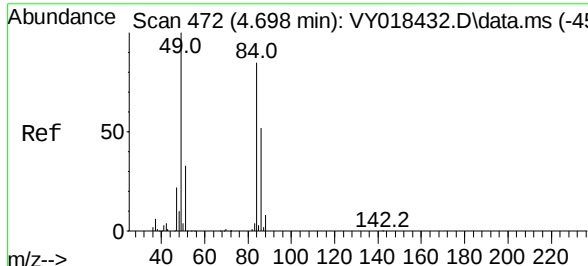
Tgt Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

58 25.6 31.7 47.5#

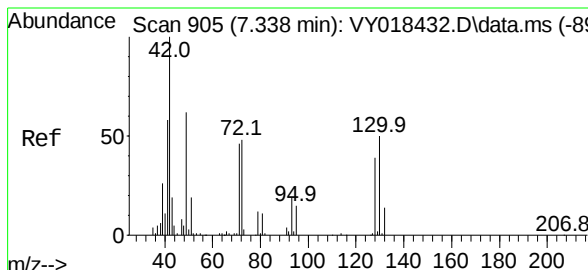
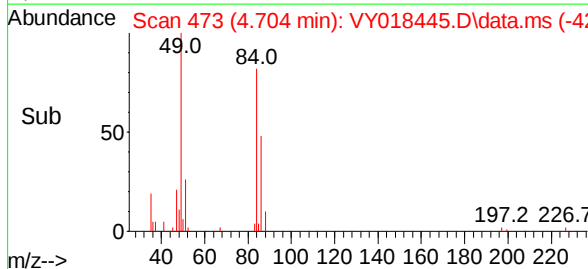
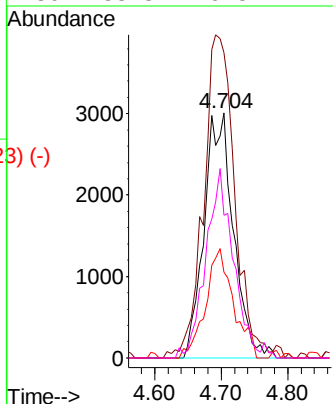
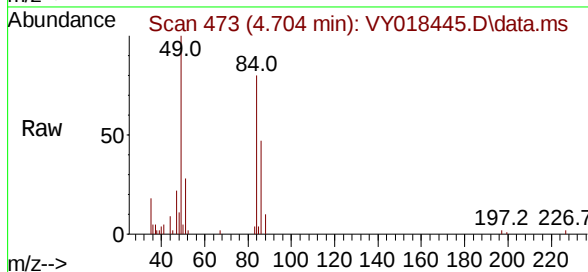




Methylene Chloride
 Concen: 2.409 ug/l
 RT: 4.704 min Scan# 472
 Delta R.T. 0.006 min
 Lab File: VY018445.D
 Acq: 03 Jun 2024 17:04

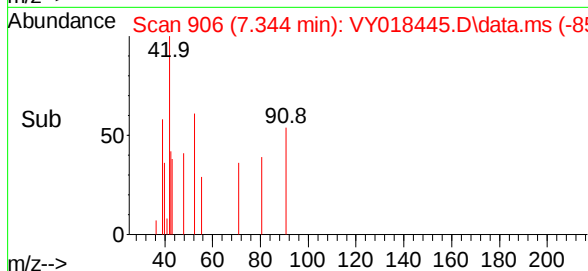
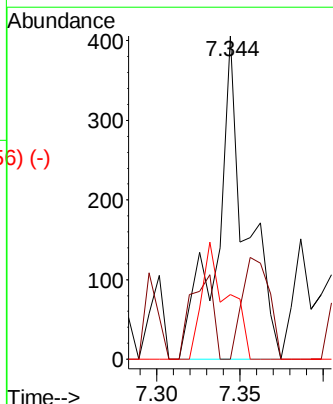
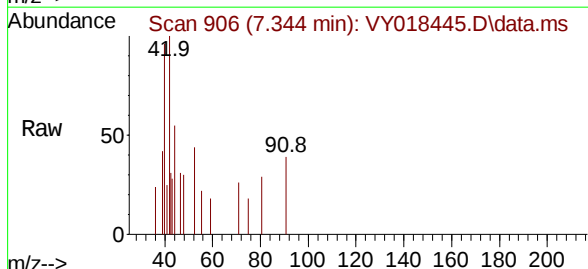
Instrument : MSVOA_Y
 ClientSampleId : BU-03-05312024

Tgt Ion:	84	Resp:	9215
Ion	Ratio	Lower	Upper
84	100		
49	122.1	84.4	126.6
51	35.1	26.0	39.0
86	58.3	49.5	74.3

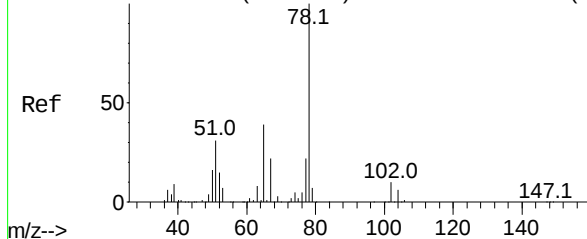


Tetrahydrofuran
 Concen: 1.585 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY018445.D
 Acq: 03 Jun 2024 17:04

Tgt Ion:	42	Resp:	493
Ion	Ratio	Lower	Upper
42	100		
72	20.3	43.0	64.4#
71	32.7	40.8	61.2#



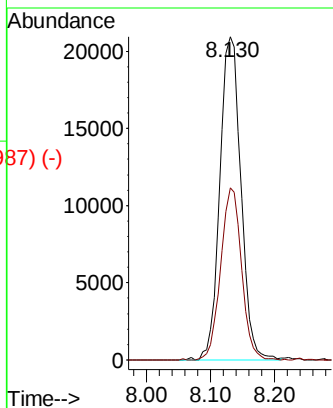
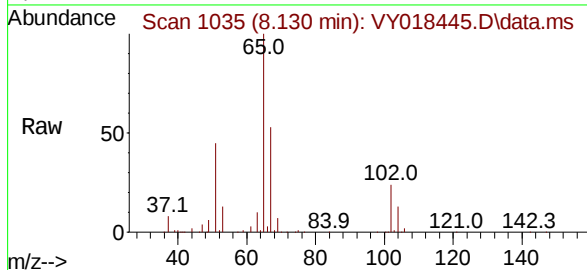
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



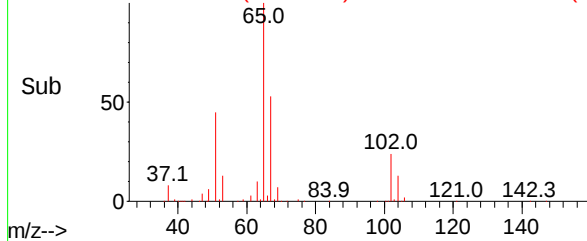
1,2-Dichloroethane-d4
Concen: 33.666 ug/l
RT: 8.130 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

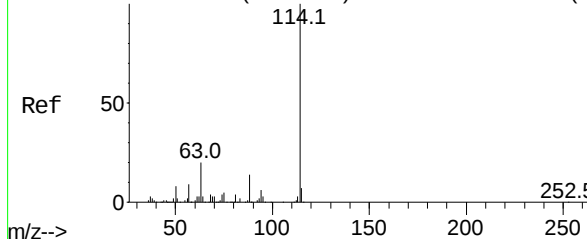
Tgt Ion: 65 Resp: 47424
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



Abundance Scan 1035 (8.130 min): VY018445.D\data.ms (-987) (-)

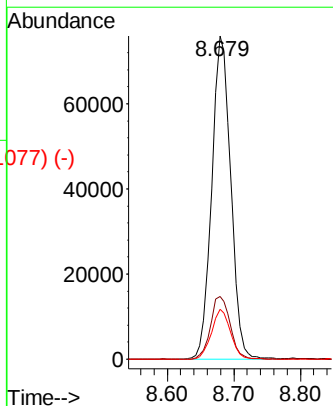
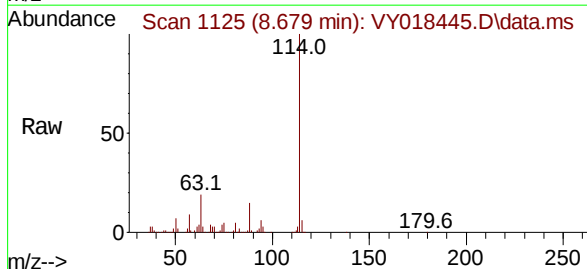


Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11153)

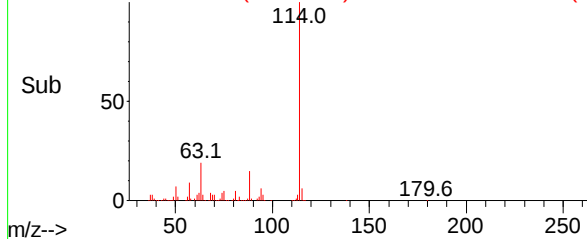


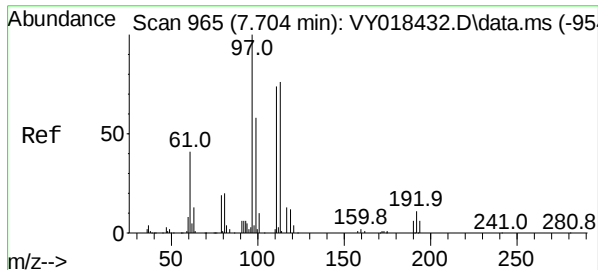
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion:114 Resp: 150446
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 15.4 0.0 27.2



Abundance Scan 1125 (8.679 min): VY018445.D\data.ms (-1077) (-)

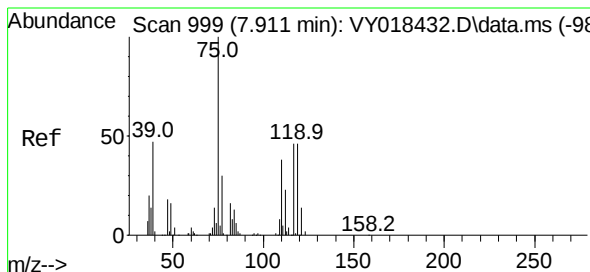
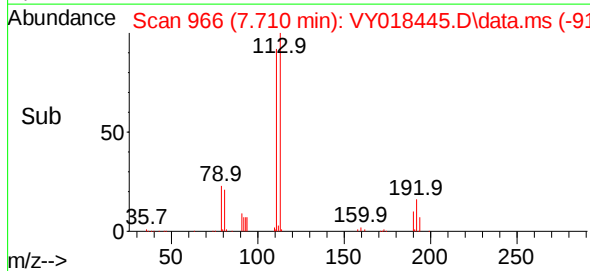
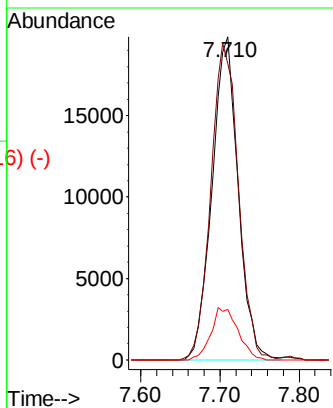
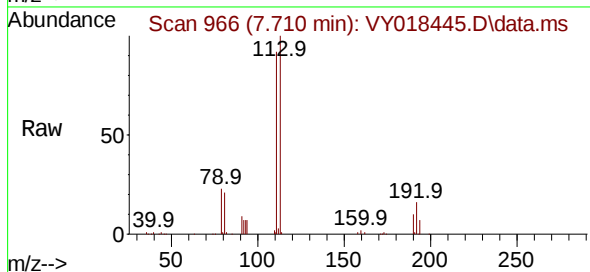




Dibromofluoromethane
Concen: 23.852 ug/l
RT: 7.710 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

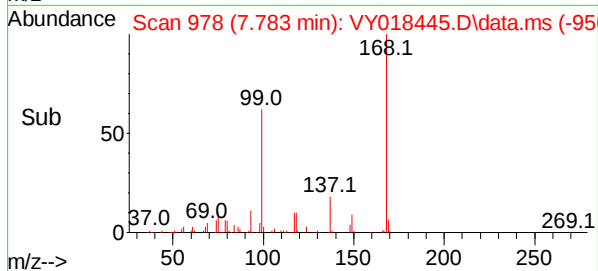
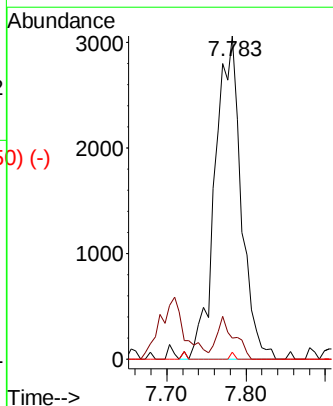
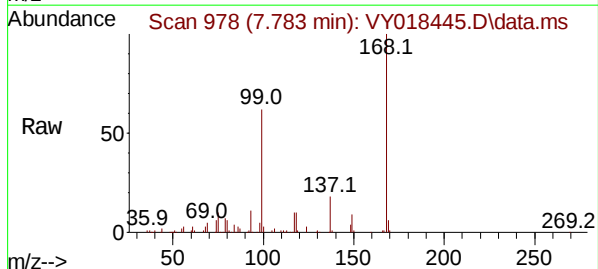
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

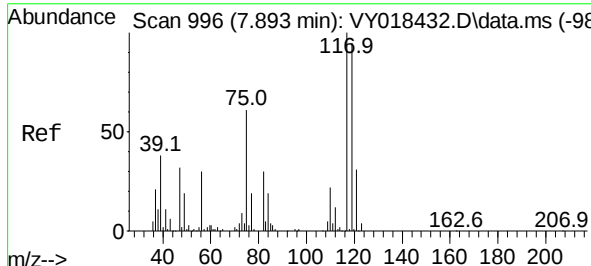
Tgt Ion:113 Resp: 45504
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.6 15.9 23.9



1,1-Dichloropropene
Concen: 2.413 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion: 75 Resp: 7020
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.4 25.3 37.9#





Carbon Tetrachloride

Concen: 2.630 ug/l

RT: 7.771 min Scan# 117

Delta R.T. -0.122 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-05312024

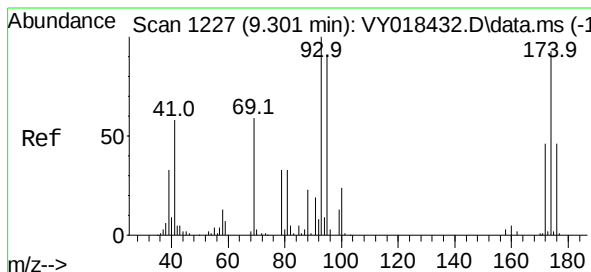
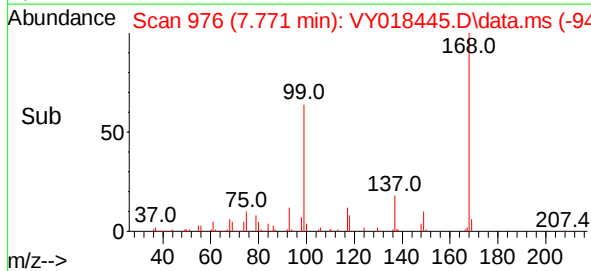
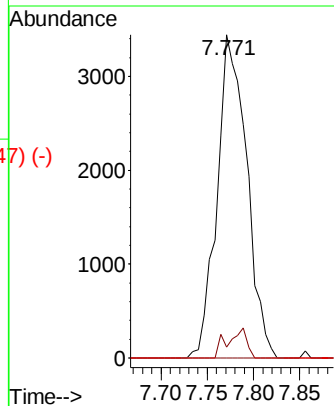
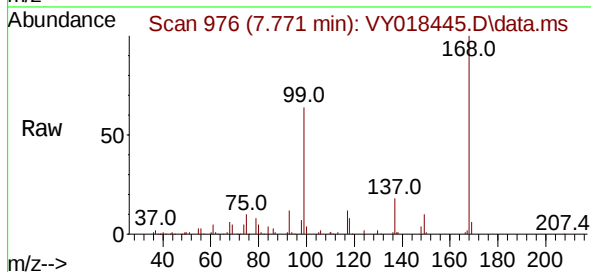
Tgt Ion:117 Resp: 7667

Ion Ratio Lower Upper

117 100

119 3.4 75.8 113.6#

121 0.0 24.0 36.0#



1,4-Dioxane

Concen: 1.333 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

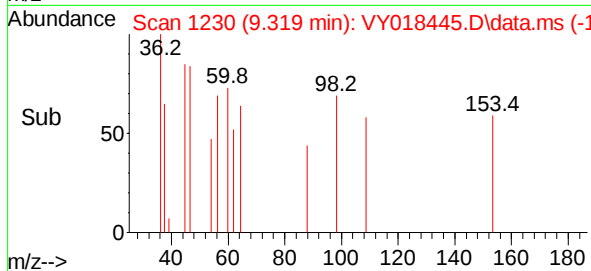
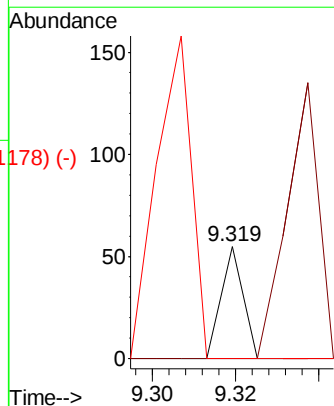
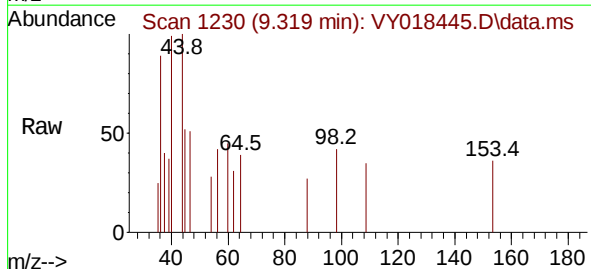
Tgt Ion: 88 Resp: 20

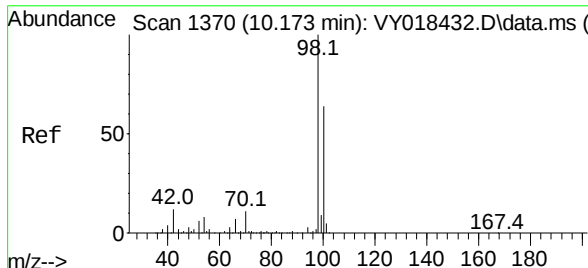
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 465.0 49.3 73.9#





Toluene-d8

Concen: 24.148 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

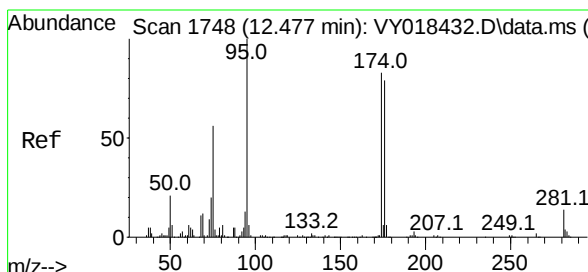
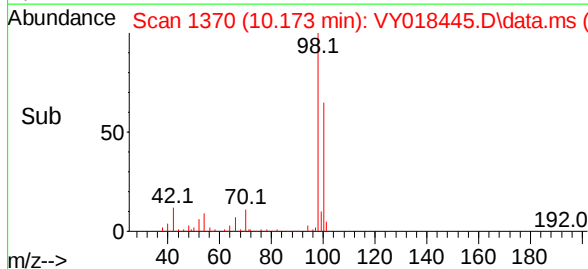
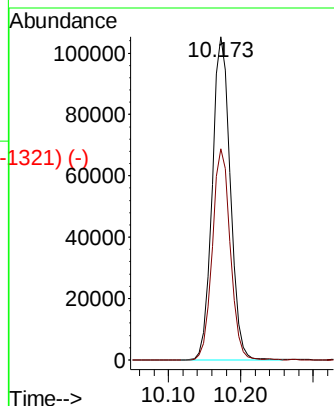
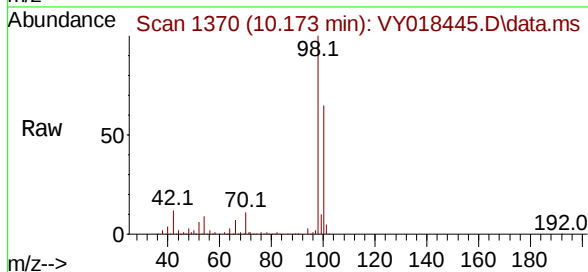
BU-03-05312024

Tgt Ion: 98 Resp: 183272

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



4-Bromofluorobenzene

Concen: 22.622 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018445.D

Acq: 03 Jun 2024 17:04

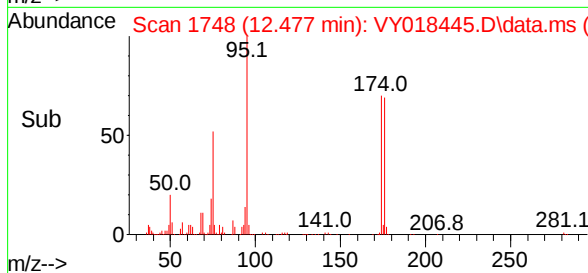
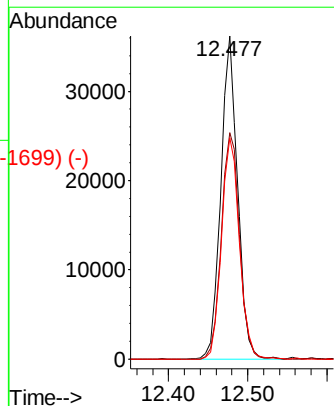
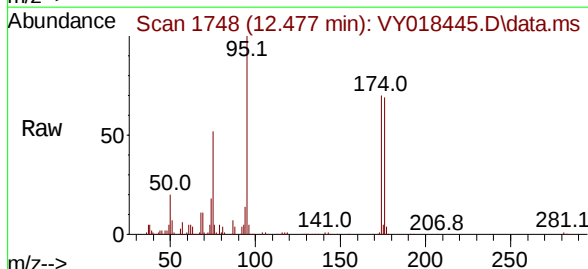
Tgt Ion: 95 Resp: 53456

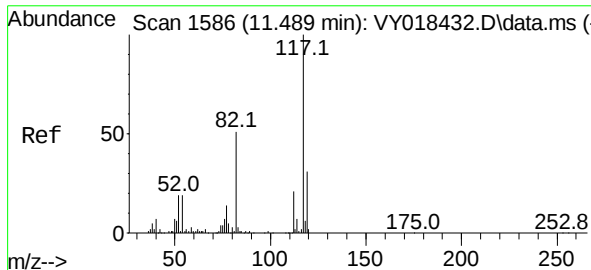
Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 72.8 0.0 171.4

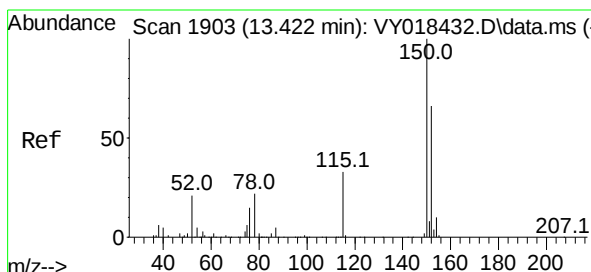
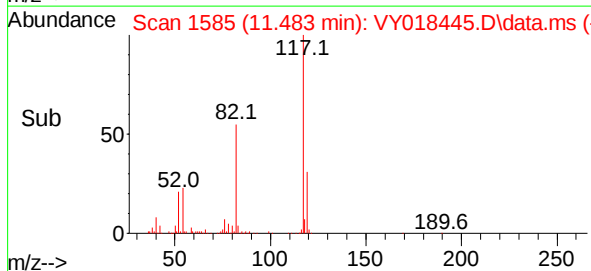
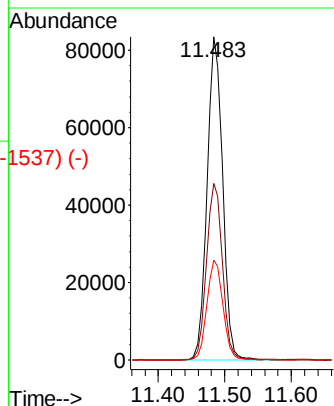
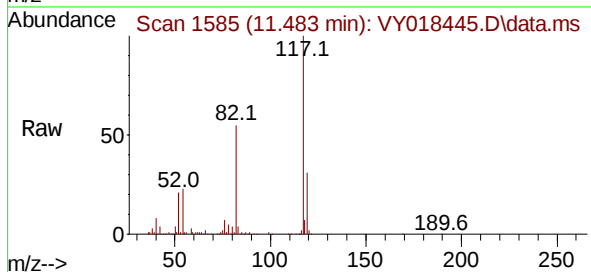




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

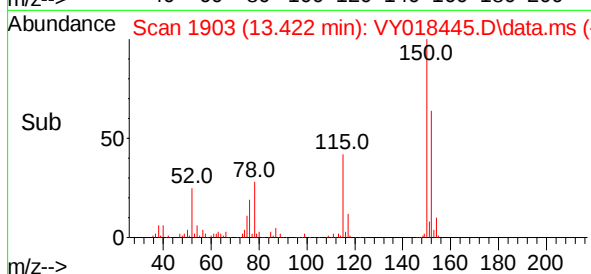
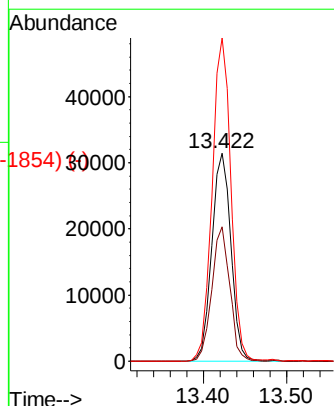
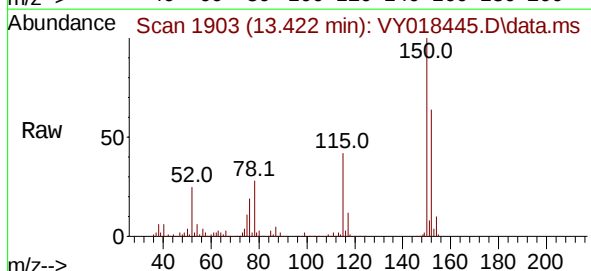
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-05312024

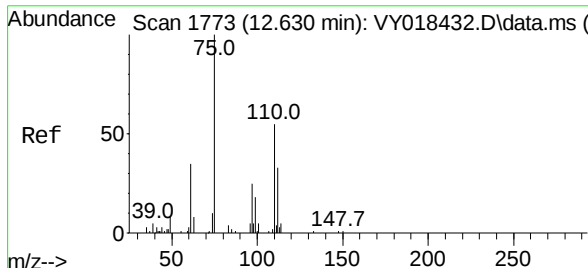
Tgt Ion:	117	Resp:	135112
Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.4	63.6
119	30.9	25.9	38.9



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018445.D
Acq: 03 Jun 2024 17:04

Tgt Ion:	152	Resp:	50144
Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.2	84.7
150	152.1	0.0	345.6

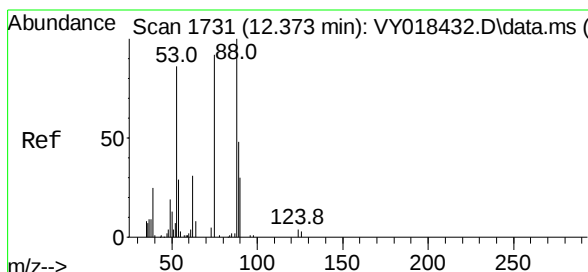
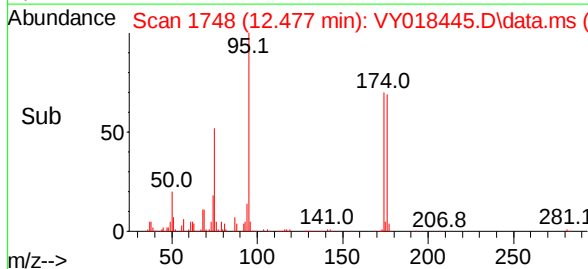
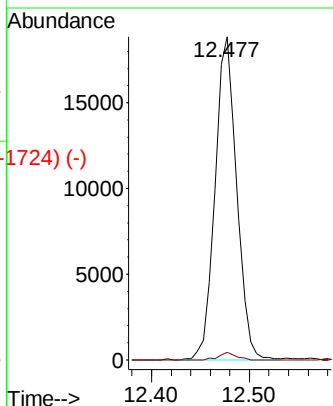
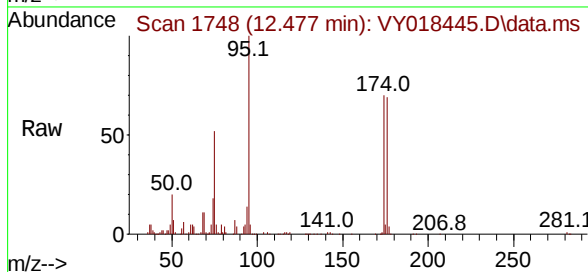




Scan 1773 (12.630 min): VY018432.D\data.ms (-1773) (-)
 1,2,3-Trichloropropane
 Concen: 46.895 ug/l
 RT: 12.477 min Scan# 1773
 Delta R.T. -0.152 min
 Lab File: VY018445.D
 Acq: 03 Jun 2024 17:04

Instrument : MSVOA_Y
 ClientSampleId : BU-03-05312024

Tgt Ion: 75 Resp: 29159
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



Scan 1731 (12.373 min): VY018432.D\data.ms (-1731) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 98.524 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY018445.D
 Acq: 03 Jun 2024 17:04

Tgt Ion: 75 Resp: 29159
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

