

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018442.D
 Acq On : 03 Jun 2024 15:50
 Operator : SY/MD
 Sample : P2680-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Jun 04 05:42:22 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)

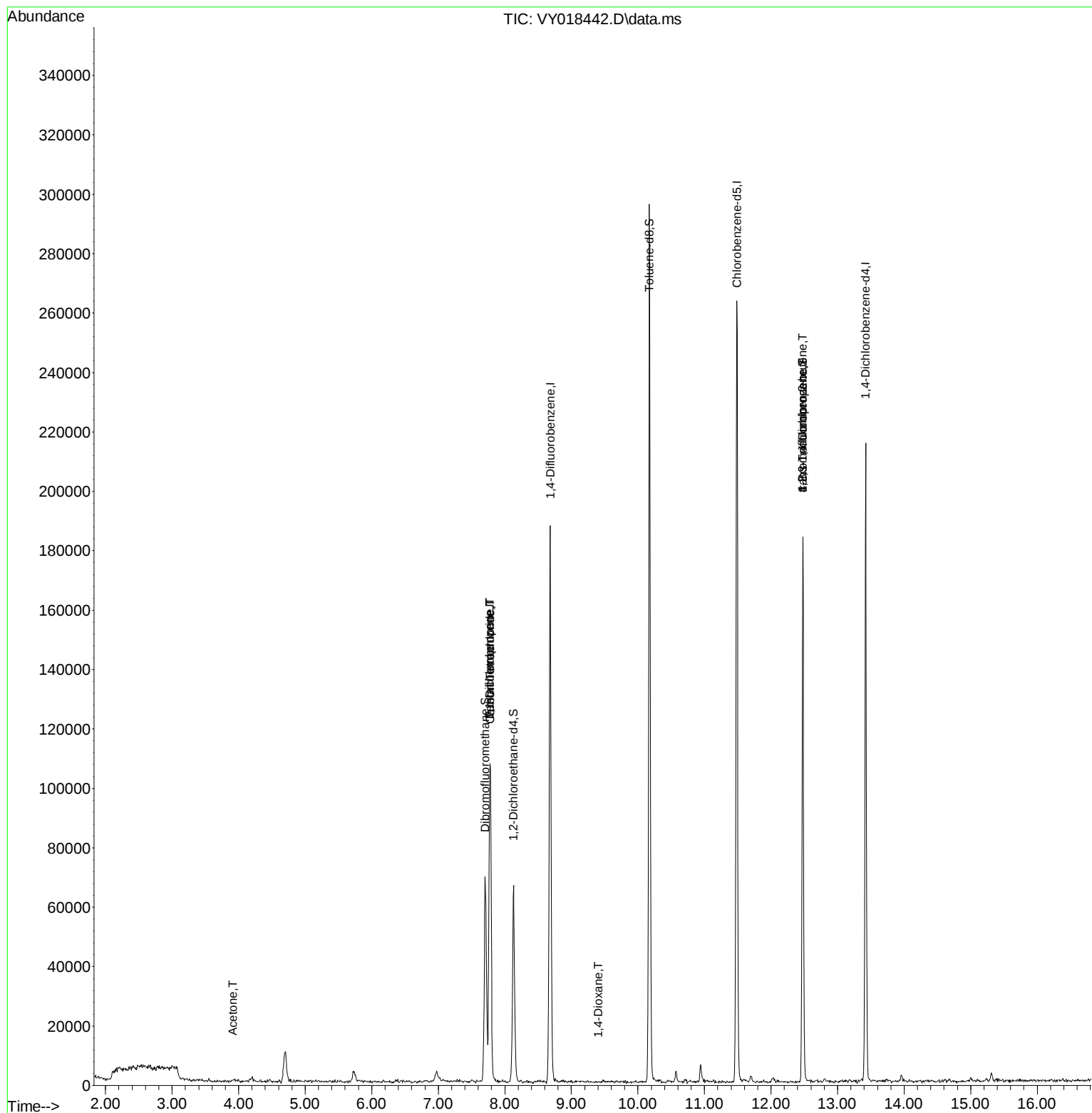
Internal Standards						
1) Pentafluorobenzene	7.777	168	77121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	157839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47003	31.035	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	62.060%	
35) Dibromofluoromethane	7.704	113	48123	24.043	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	48.080%#	
50) Toluene-d8	10.173	98	188823	23.714	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	47.420%#	
62) 4-Bromofluorobenzene	12.477	95	56347	22.728	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	431	Below Cal	#	29
16) Acetone	3.918	43	409	1.217	ug/l #	86
36) 1,1-Dichloropropene	7.777	75	7366	2.414	ug/l #	49
38) Carbon Tetrachloride	7.783	117	8999	2.943	ug/l #	16
49) 1,4-Dioxane	9.405	88	24	1.524	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	30100	48.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30100	102.756	ug/l #	16

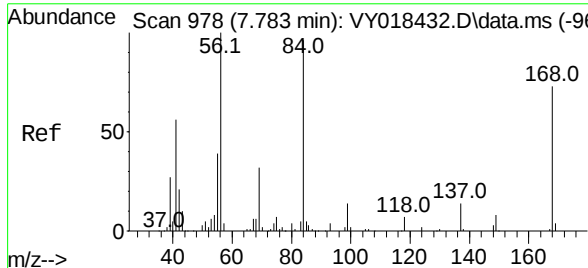
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018442.D

Acq: 03 Jun 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

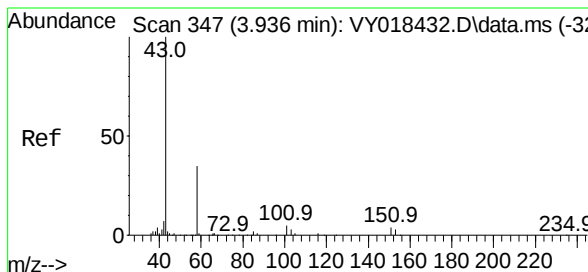
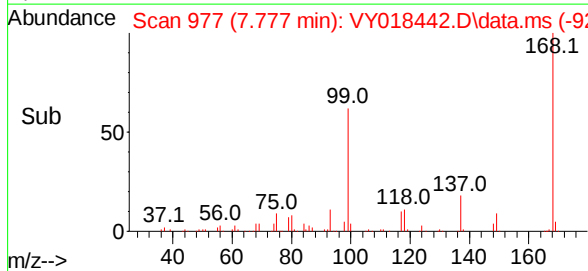
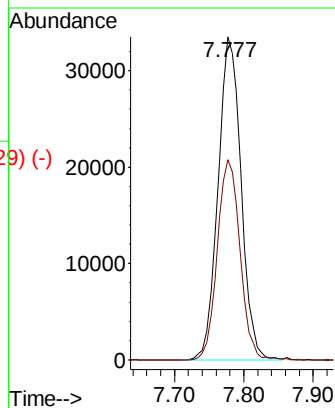
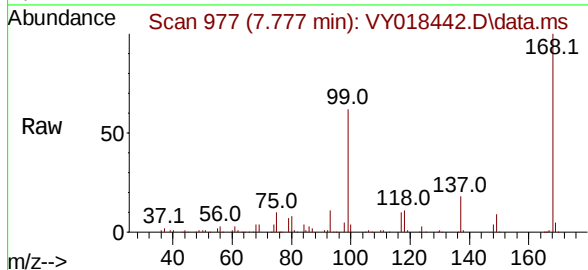
VNJ-241

Tgt Ion:168 Resp: 77121

Ion Ratio Lower Upper

168 100

99 62.0 39.1 58.7#



Acetone

Concen: 1.217 ug/l

RT: 3.918 min Scan# 344

Delta R.T. -0.018 min

Lab File: VY018442.D

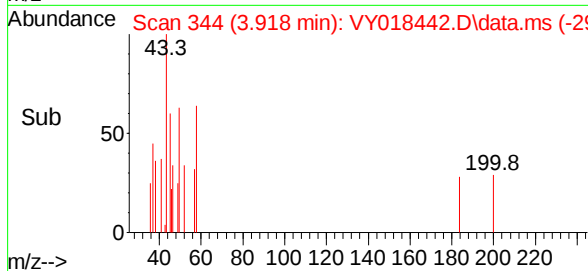
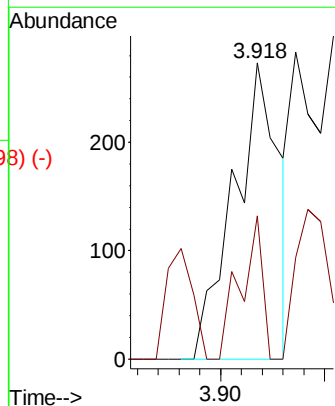
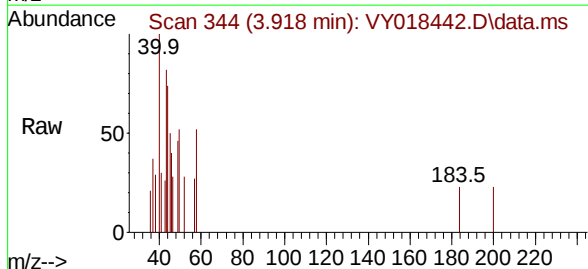
Acq: 03 Jun 2024 15:50

Tgt Ion: 43 Resp: 409

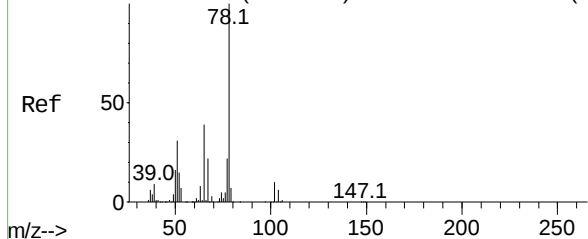
Ion Ratio Lower Upper

43 100

58 48.4 31.7 47.5#



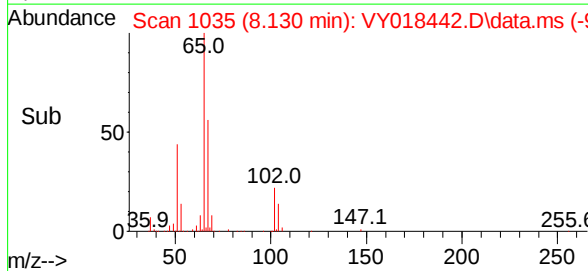
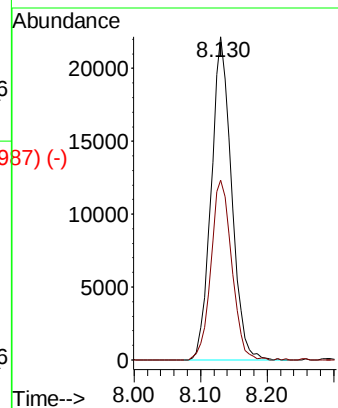
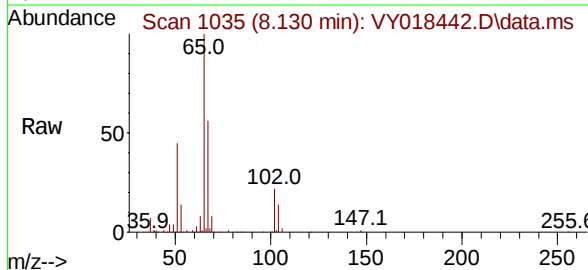
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



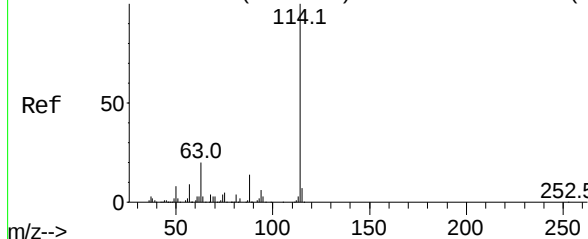
1,2-Dichloroethane-d4
Concen: 31.035 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tgt Ion: 65 Resp: 47003
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

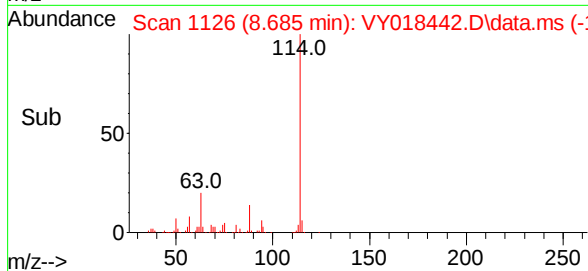
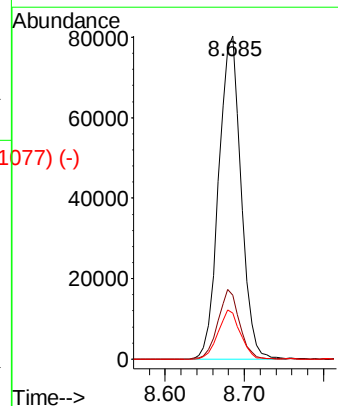
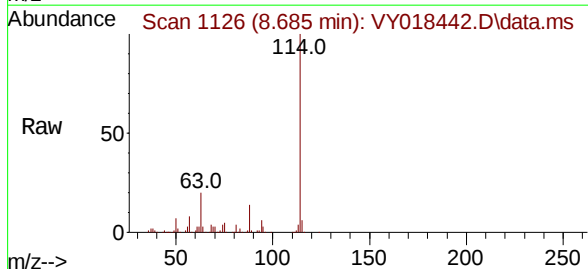


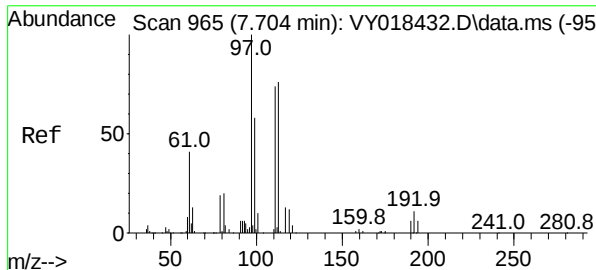
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Tgt Ion:114 Resp: 157839
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.0
88 14.3 0.0 27.2





Dibromofluoromethane

Concen: 24.043 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018442.D

Acq: 03 Jun 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

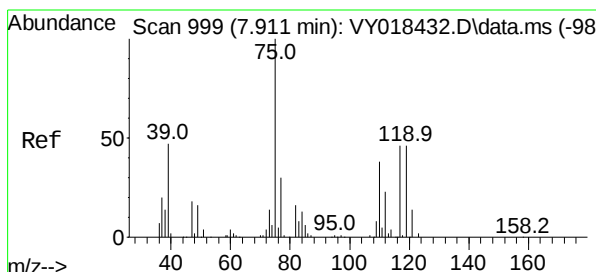
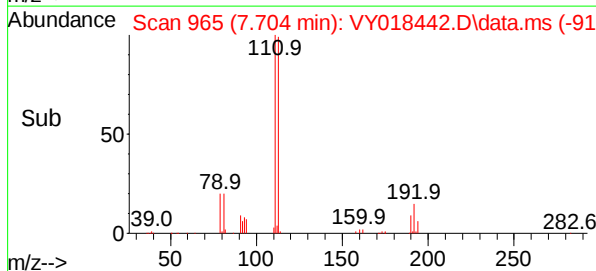
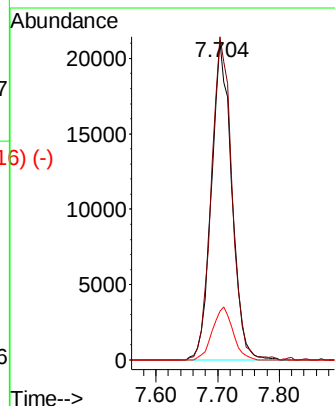
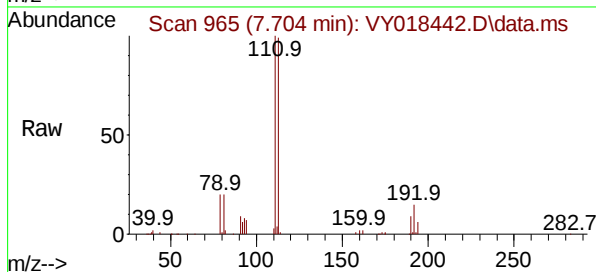
Tgt Ion:113 Resp: 48123

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 16.7 15.9 23.9



1,1-Dichloropropene

Concen: 2.414 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.134 min

Lab File: VY018442.D

Acq: 03 Jun 2024 15:50

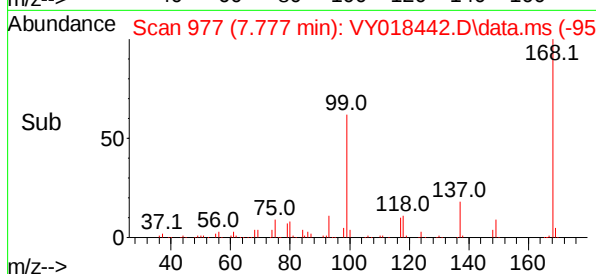
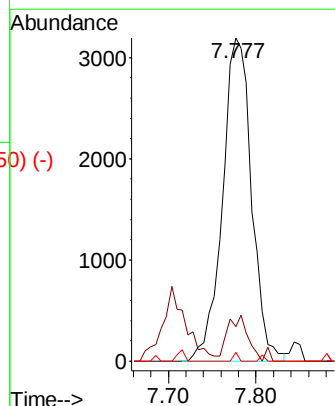
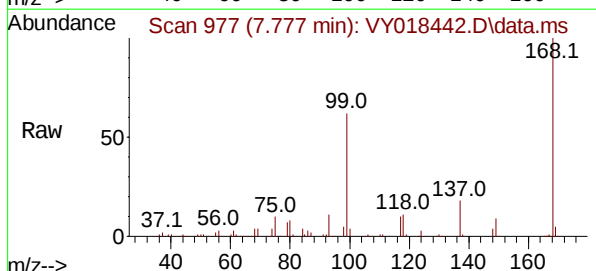
Tgt Ion: 75 Resp: 7366

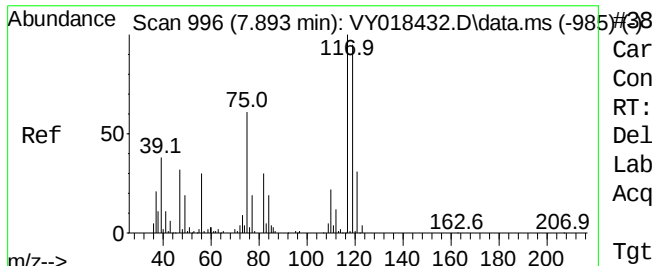
Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

77 0.4 25.3 37.9#

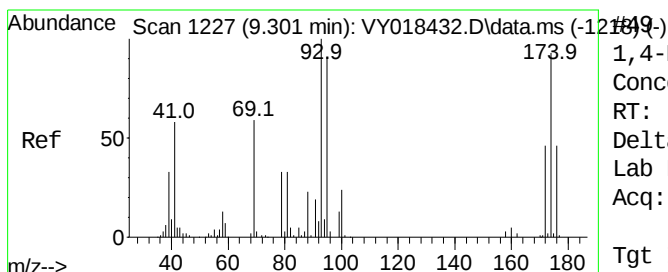
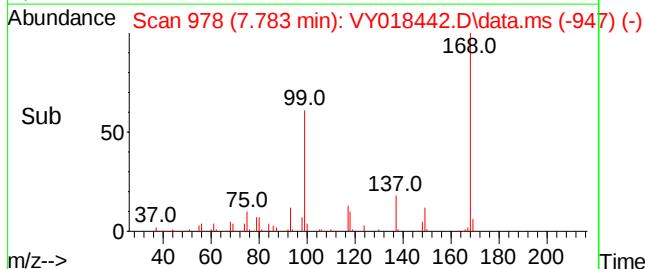
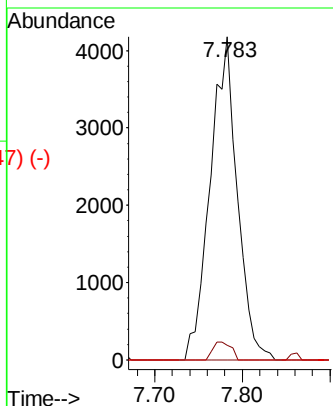
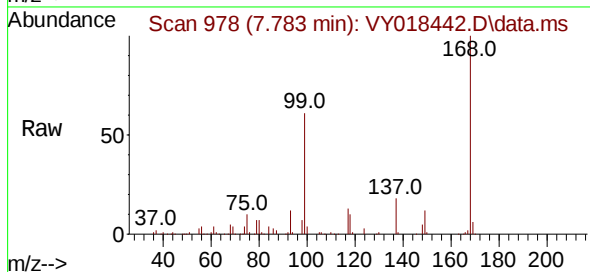




Carbon Tetrachloride
Concen: 2.943 ug/l
RT: 7.783 min Scan# 117
Delta R.T. -0.110 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

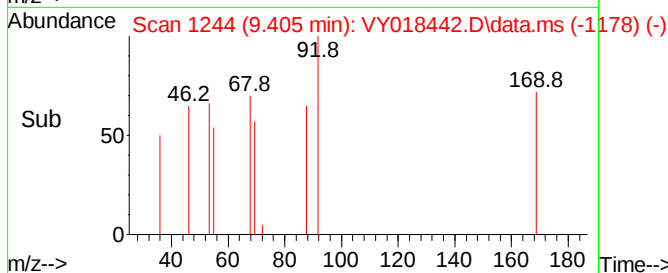
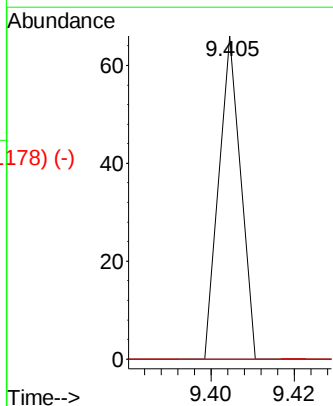
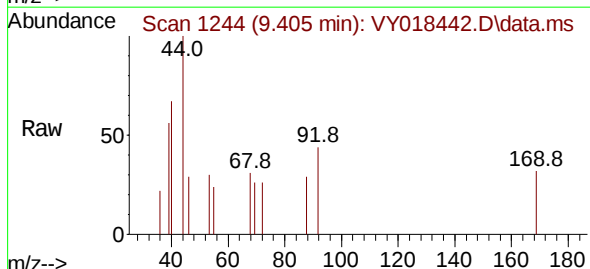
Instrument :
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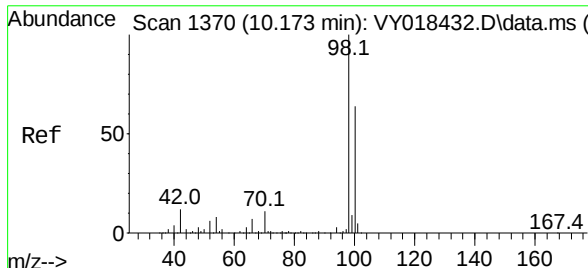
Tgt Ion:	117	Resp:	8999
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.6#
121	0.0	24.0	36.0#



1,4-Dioxane
Concen: 1.524 ug/l
RT: 9.405 min Scan# 1244
Delta R.T. 0.104 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Tgt Ion:	88	Resp:	24
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	49.3	73.9#

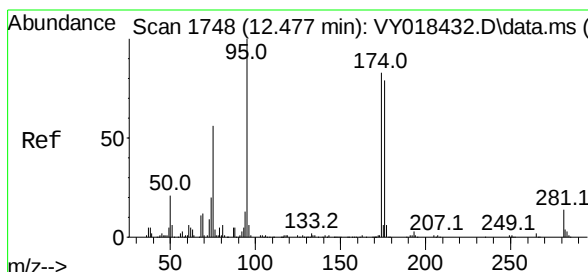
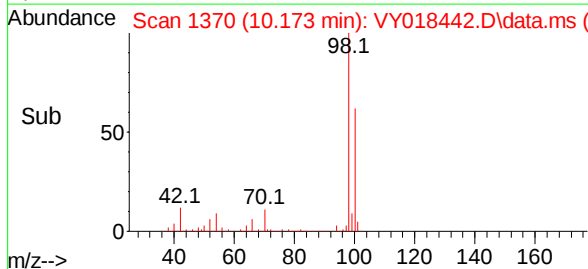
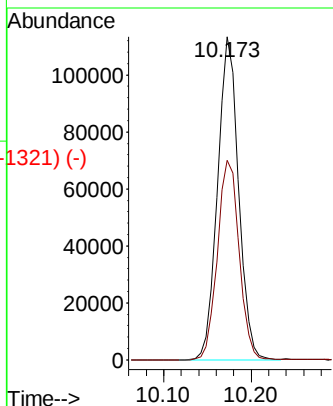
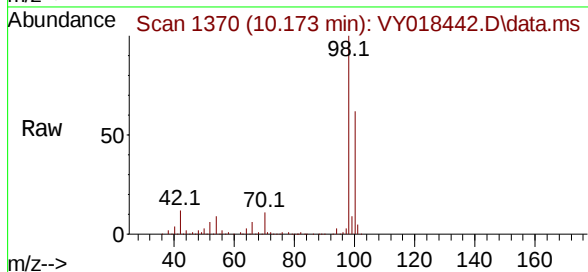




Toluene-d8
 Concen: 23.714 ug/l
 RT: 10.173 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VY018442.D
 Acq: 03 Jun 2024 15:50

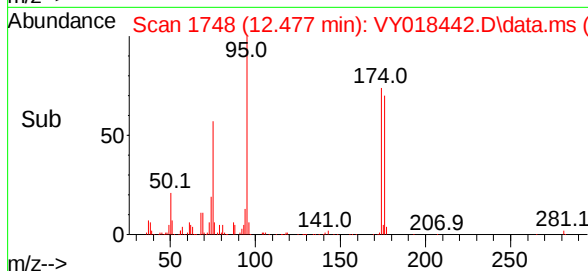
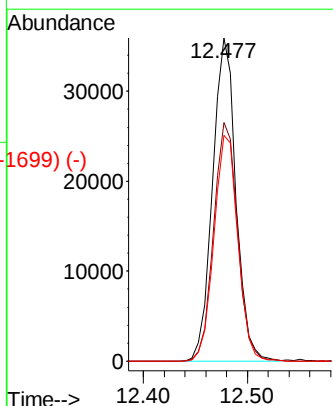
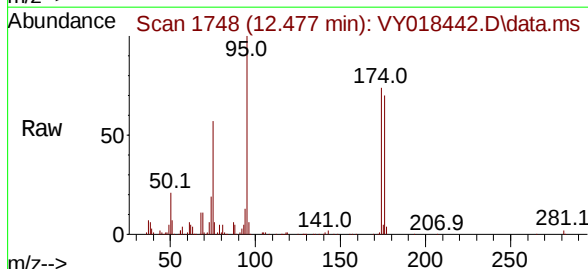
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

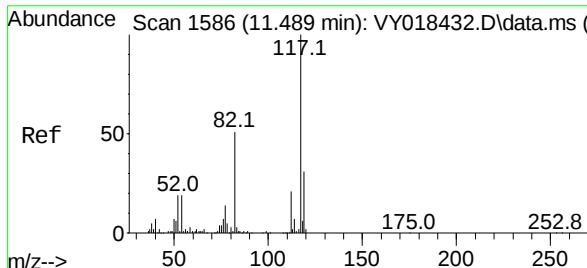
Tgt Ion: 98 Resp: 188823
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.0 78.0



4-Bromofluorobenzene
 Concen: 22.728 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY018442.D
 Acq: 03 Jun 2024 15:50

Tgt Ion: 95 Resp: 56347
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 175.6
 176 71.7 0.0 171.4

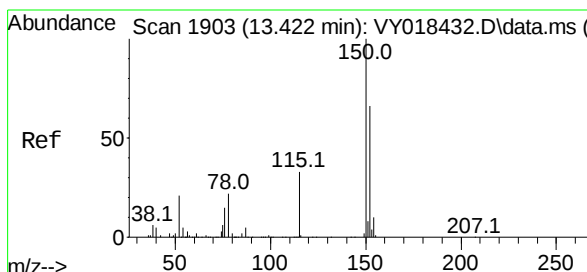
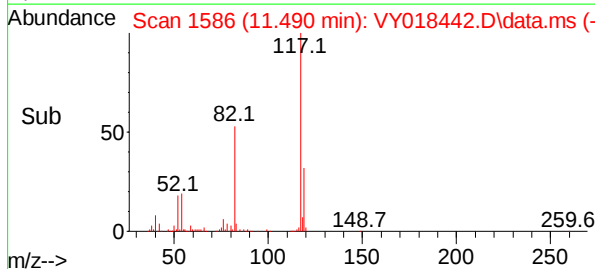
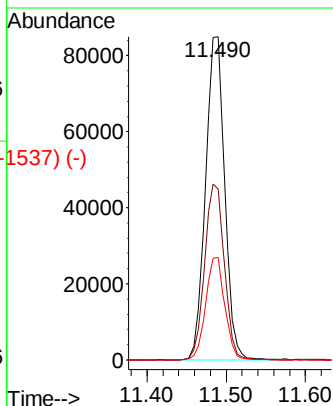
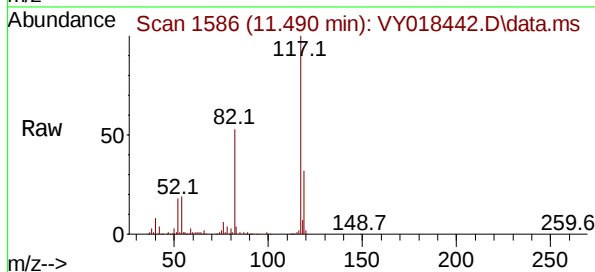




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

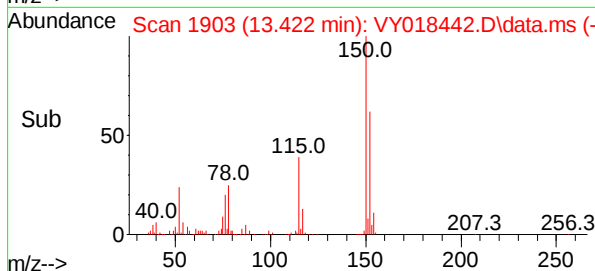
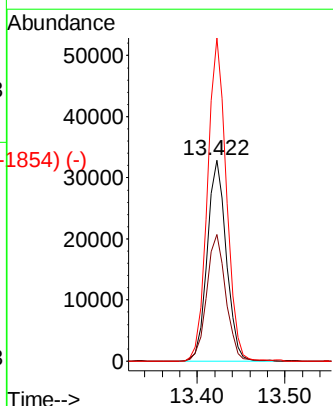
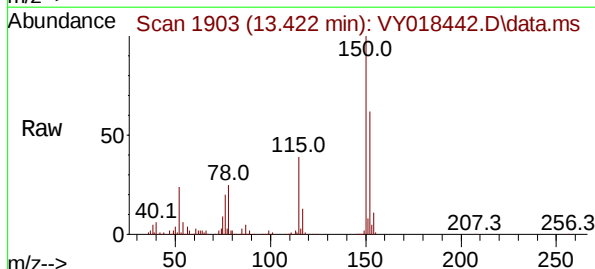
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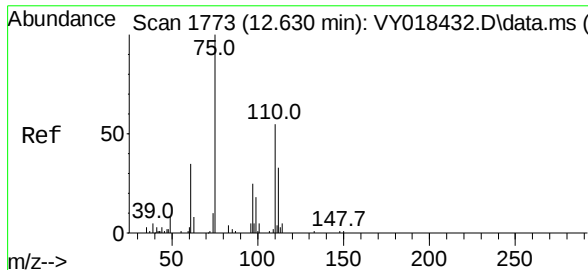
Tgt Ion:	117	Resp:	143097
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	31.7	25.9	38.9



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018442.D
Acq: 03 Jun 2024 15:50

Tgt Ion:	152	Resp:	49630
Ion	Ratio	Lower	Upper
152	100		
115	63.5	28.2	84.7
150	159.3	0.0	345.6

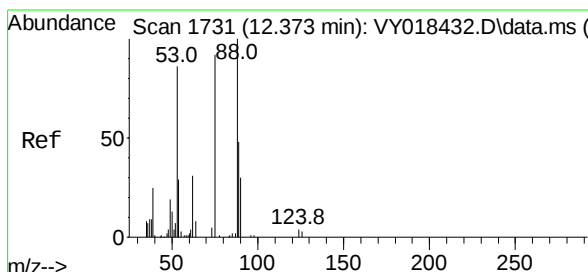
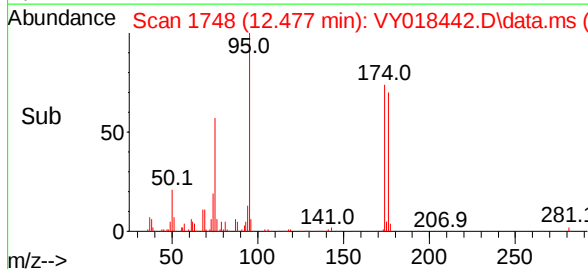
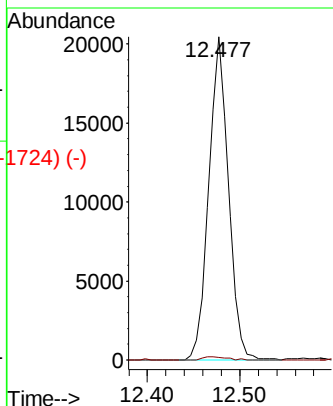
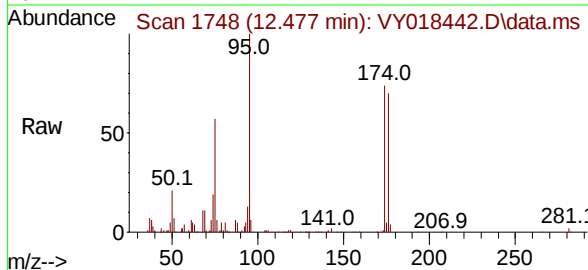




Scan 1773 (12.630 min): VY018432.D\data.ms (-1773) (-)
 1,2,3-Trichloropropane
 Concen: 48.910 ug/l
 RT: 12.477 min Scan# 1773
 Delta R.T. -0.152 min
 Lab File: VY018442.D
 Acq: 03 Jun 2024 15:50

Instrument : MSVOA_Y
 ClientSampleId : VNJ-241

Tgt Ion: 75 Resp: 30100
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



Scan 1731 (12.373 min): VY018432.D\data.ms (-1731) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 102.756 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY018442.D
 Acq: 03 Jun 2024 15:50

Tgt Ion: 75 Resp: 30100
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

