

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018448.D
 Acq On : 03 Jun 2024 18:19
 Operator : SY/MD
 Sample : P2687-01
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

Quant Time: Jun 04 05:43:32 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)

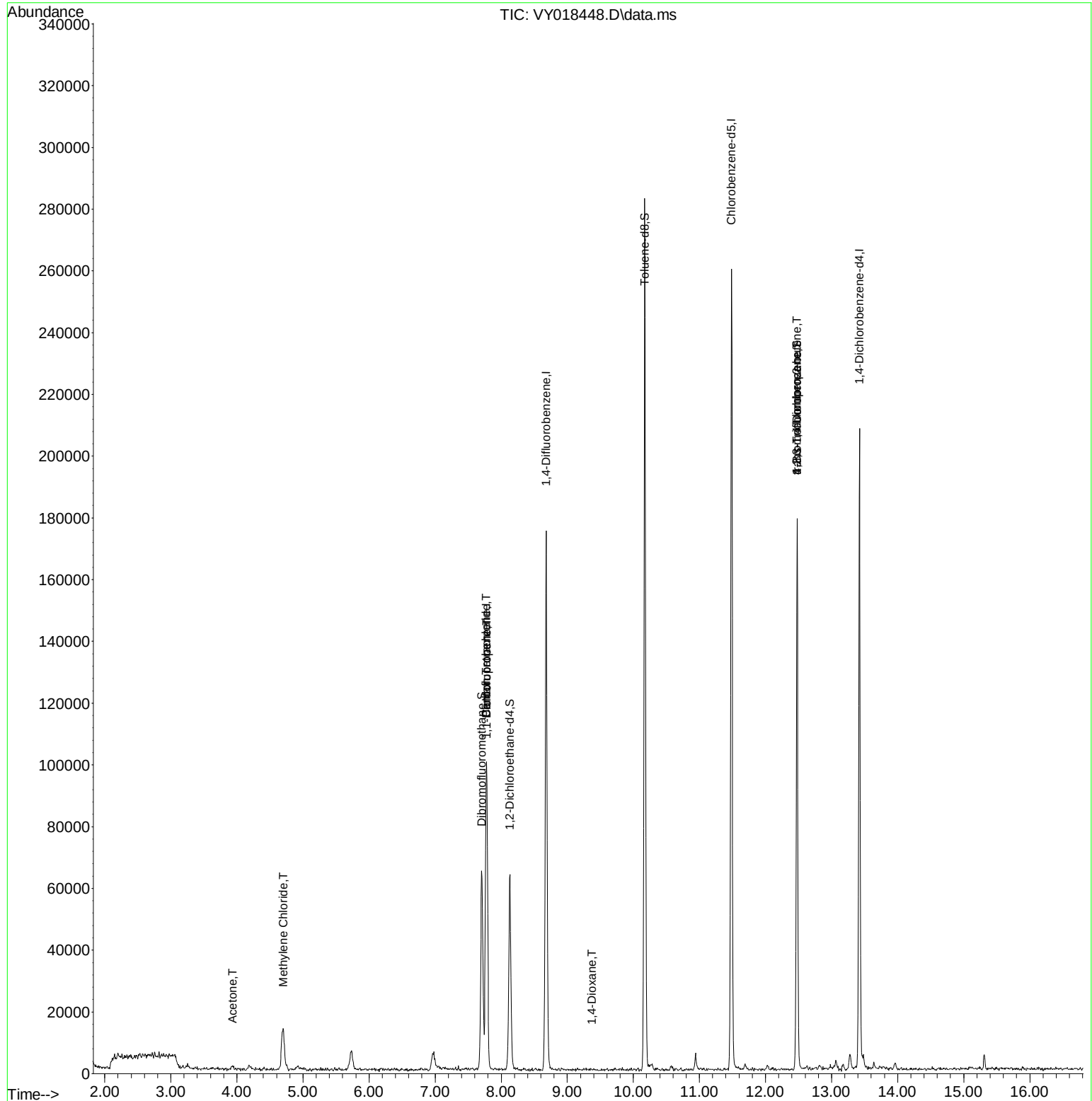
Internal Standards						
1) Pentafluorobenzene	7.777	168	71973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	147626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	134772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47538	33.633	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	67.260%	
35) Dibromofluoromethane	7.704	113	45427	24.267	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	48.540%#	
50) Toluene-d8	10.173	98	179664	24.125	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	48.240%#	
62) 4-Bromofluorobenzene	12.477	95	52688	22.723	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	45.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	304	Below Cal	#	82
16) Acetone	3.936	43	1898	6.050	ug/l #	78
20) Methylene Chloride	4.704	84	9220	2.394	ug/l #	91
36) 1,1-Dichloropropene	7.783	75	6767	2.371	ug/l #	50
38) Carbon Tetrachloride	7.777	117	7774	2.718	ug/l #	18
49) 1,4-Dioxane	9.368	88	28	1.901	ug/l #	59
76) 1,2,3-Trichloropropane	12.477	75	29387	47.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29387	99.590	ug/l #	16

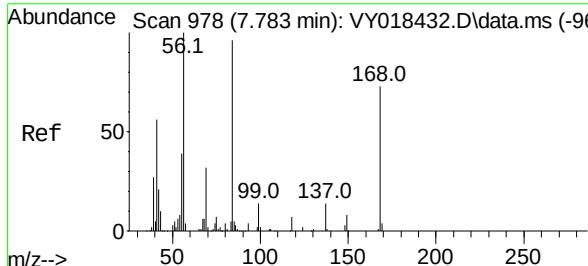
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018448.D
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Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Quant Time: Jun 04 05:43:32 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: 7.777 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

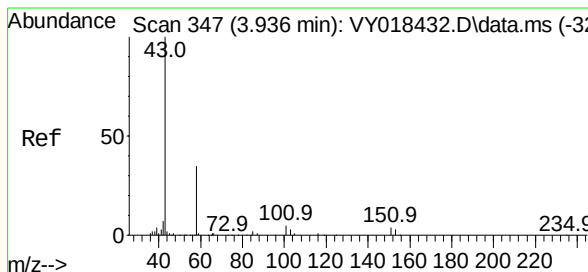
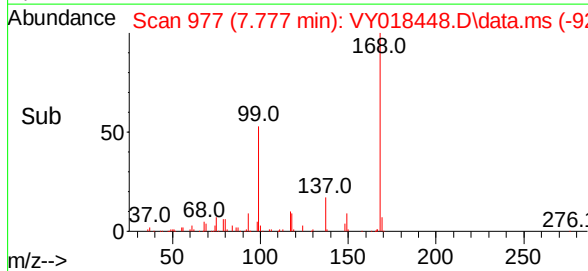
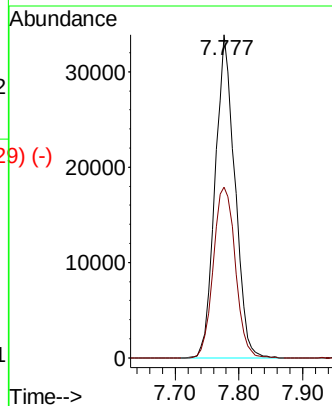
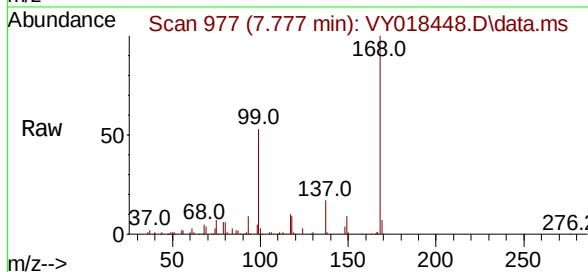
VNJ-223

Tgt Ion:168 Resp: 71973

Ion Ratio Lower Upper

168 100

99 52.8 39.1 58.7



Acetone

Concen: 6.050 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018448.D

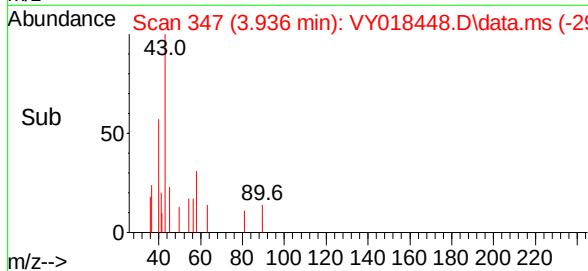
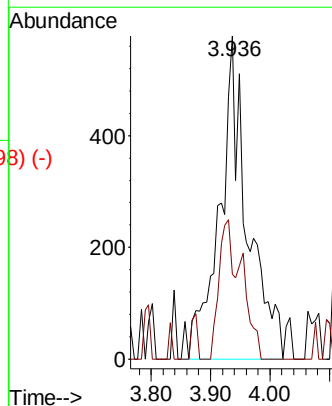
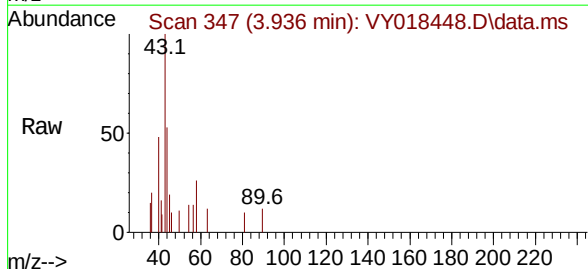
Acq: 03 Jun 2024 18:19

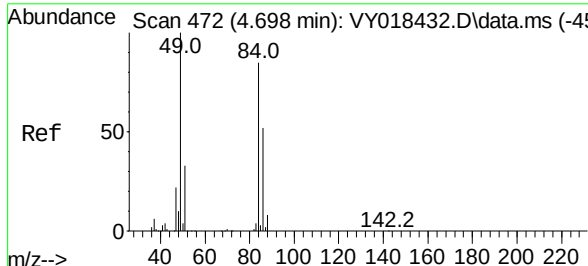
Tgt Ion: 43 Resp: 1898

Ion Ratio Lower Upper

43 100

58 26.3 31.7 47.5#

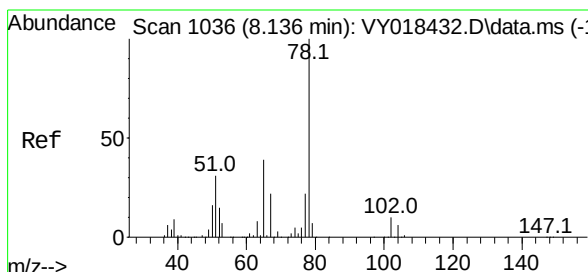
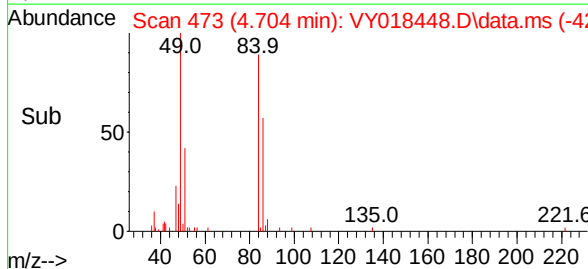
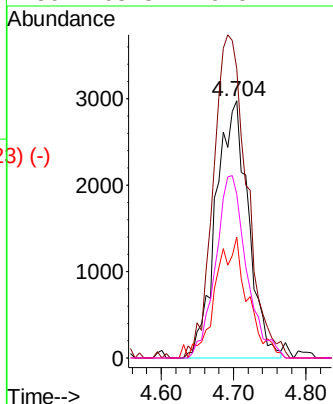
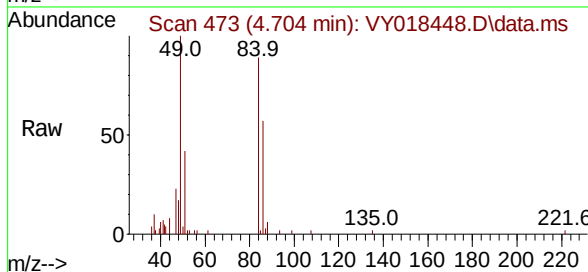




#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 4.704 min Scan# 472
Delta R.T. 0.006 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

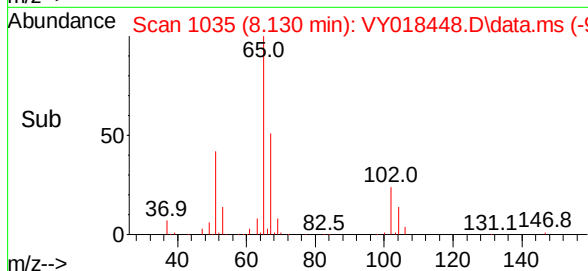
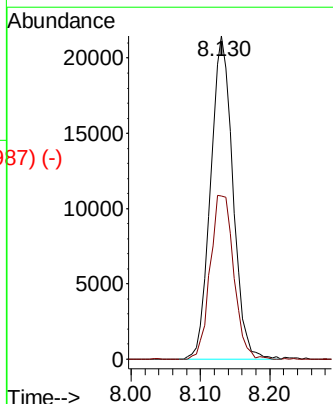
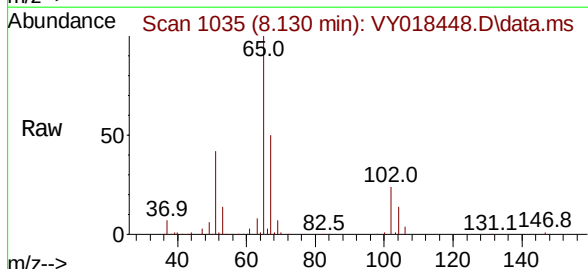
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tgt Ion:	84	Resp:	9220
Ion	Ratio	Lower	Upper
84	100		
49	112.5	84.4	126.6
51	47.1	26.0	39.0#
86	63.8	49.5	74.3

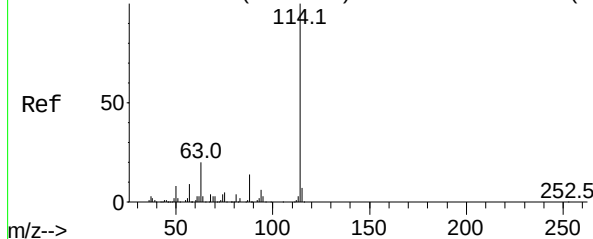


#33
1,2-Dichloroethane-d4
Concen: 33.633 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion:	65	Resp:	47538
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.6



Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-1154)



1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan#

Delta R.T. -0.006 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

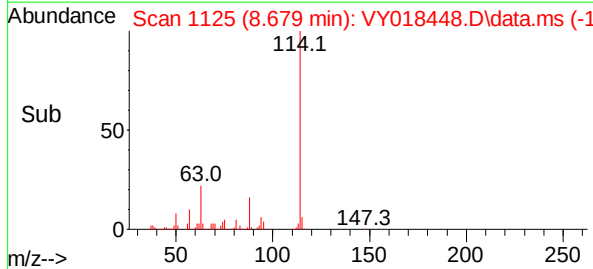
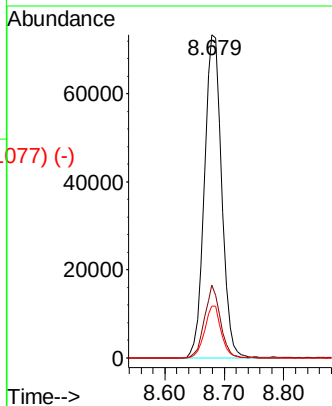
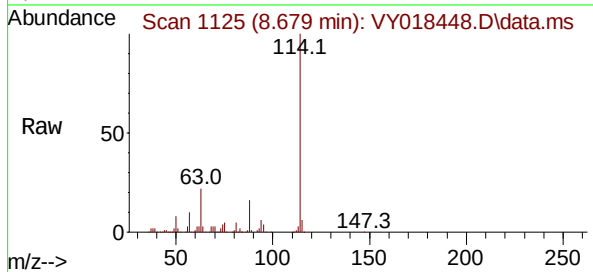
Tgt Ion:114 Resp: 147626

Ion Ratio Lower Upper

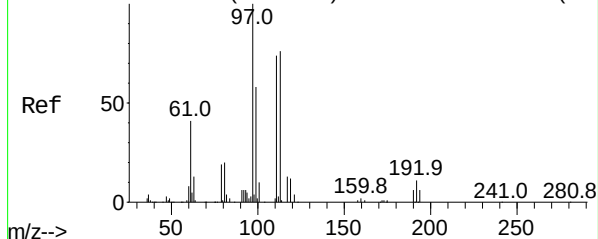
114 100

63 22.5 0.0 35.0

88 16.1 0.0 27.2



Abundance Scan 965 (7.704 min): VY018432.D\data.ms (-954)



Dibromofluoromethane

Concen: 24.267 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

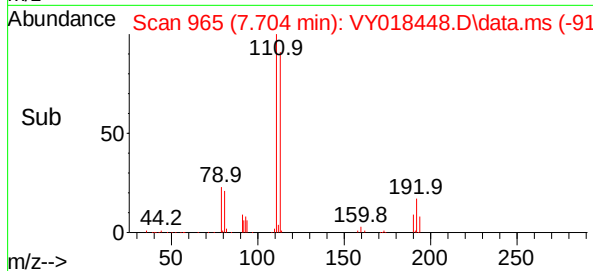
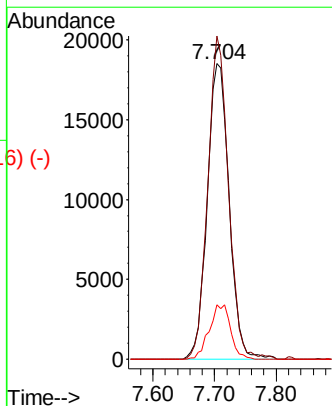
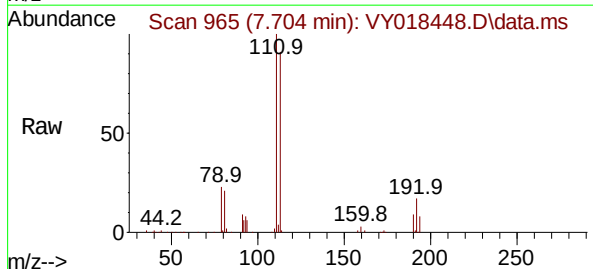
Tgt Ion:113 Resp: 45427

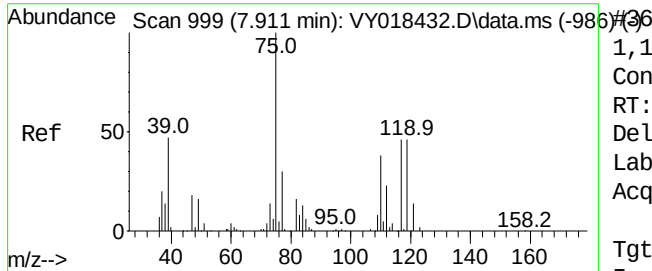
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 17.9 15.9 23.9

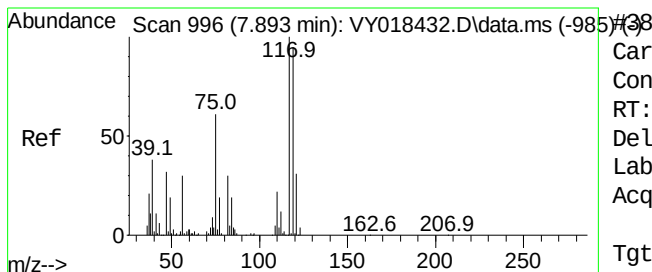
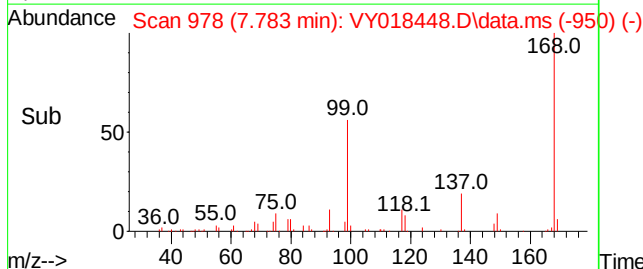
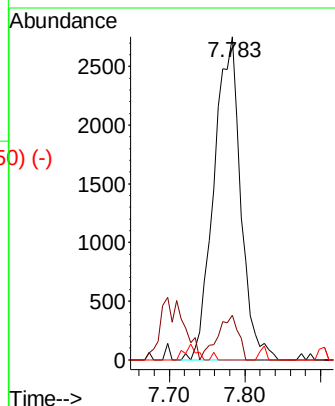
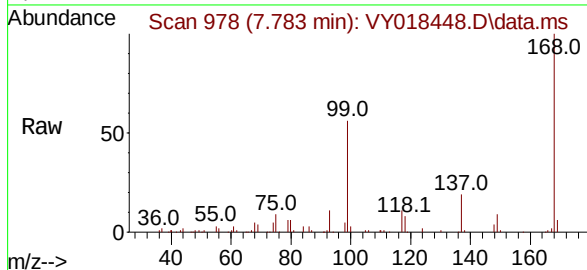




1,1-Dichloroprene
Concen: 2.371 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

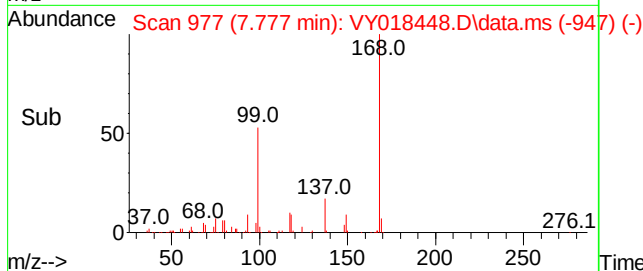
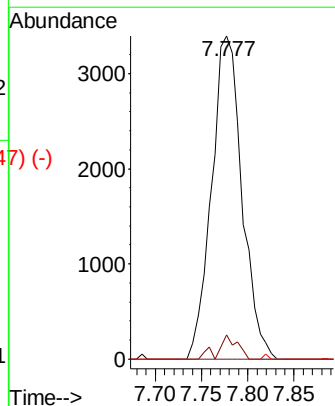
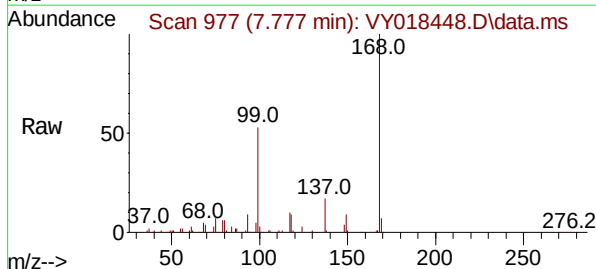
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tgt Ion:	75	Resp:	6767
Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.0	57.0#
77	0.0	25.3	37.9#



Carbon Tetrachloride
Concen: 2.718 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion:	117	Resp:	7774
Ion	Ratio	Lower	Upper
117	100		
119	7.5	75.8	113.6#
121	0.0	24.0	36.0#



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1216)

1,4-Dioxane

Concen: 1.901 ug/l

RT: 9.368 min Scan#

Delta R.T. 0.067 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

m/z-->

Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 92.9 49.3 73.9#

Abundance Scan 1238 (9.368 min): VY018448.D\data.ms

Ref

41.0 69.1 92.9 173.9

50

0

m/z-->

Abundance Scan 1238 (9.368 min): VY018448.D\data.ms

Raw

44.1 67.9 87.7 110.6 164.0

50

0

m/z-->

Abundance Scan 1238 (9.368 min): VY018448.D\data.ms (-1178) (-)

Sub

35.7 62.9 87.7 110.6 164.0

50

0

m/z-->

Abundance

80

60

40

20

0

Time-->

9.36 9.38

Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359) (-)

Toluene-d8

Concen: 24.125 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Tgt Ion: 98 Resp: 179664

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

m/z-->

Abundance Scan 1370 (10.173 min): VY018448.D\data.ms

Ref

42.0 70.1 98.1 167.4

50

0

m/z-->

Abundance Scan 1370 (10.173 min): VY018448.D\data.ms

Raw

42.1 70.1 98.1 203.6

50

0

m/z-->

Abundance Scan 1370 (10.173 min): VY018448.D\data.ms (-1321) (-)

Sub

42.1 70.1 98.1 203.6

50

0

m/z-->

Abundance

100000

80000

60000

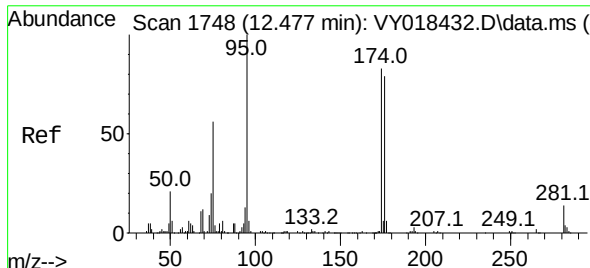
40000

20000

0

Time-->

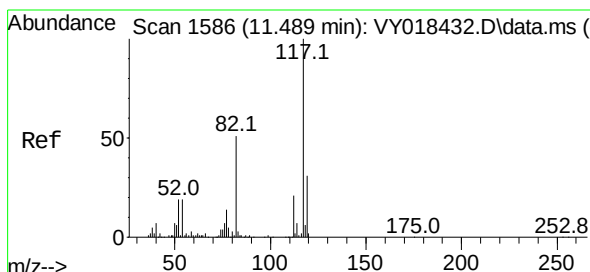
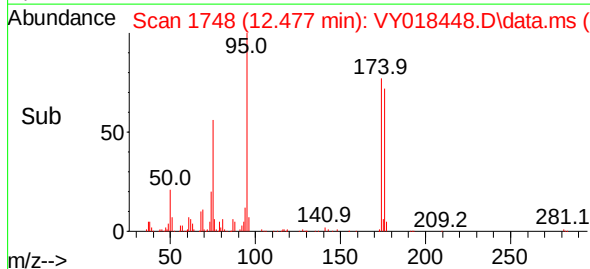
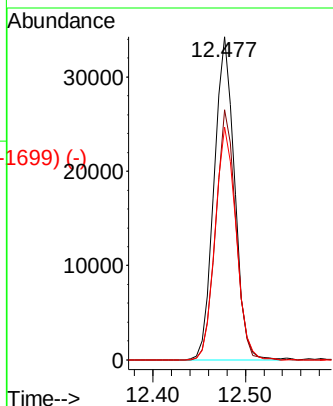
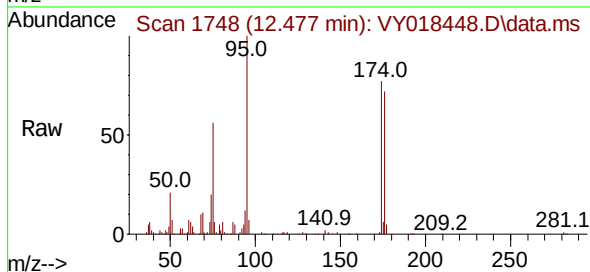
10.10 10.20



4-Bromofluorobenzene
Concen: 22.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

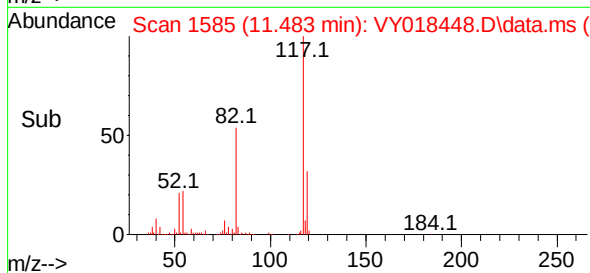
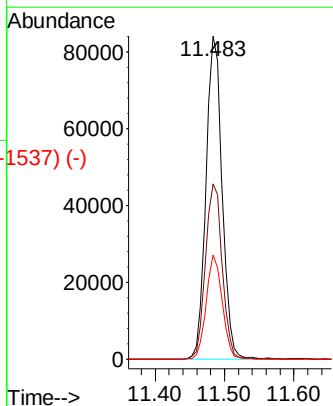
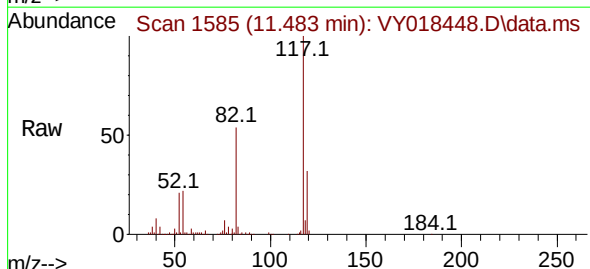
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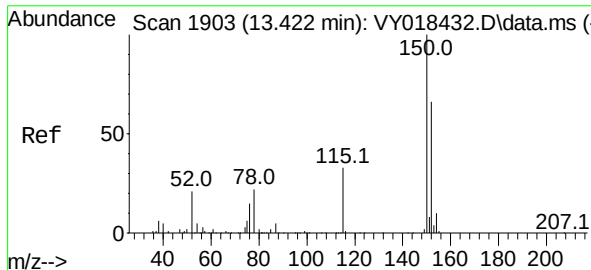
Tgt Ion:	95	Resp:	52688
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	175.6
176	73.7	0.0	171.4



Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion:	117	Resp:	134772
Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.4	63.6
119	32.2	25.9	38.9

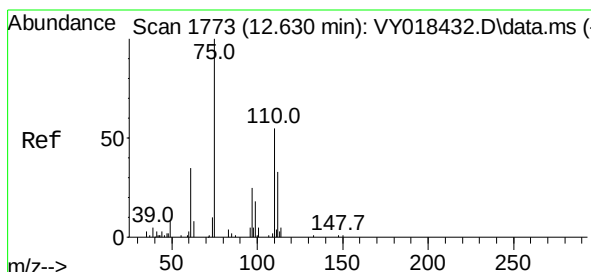
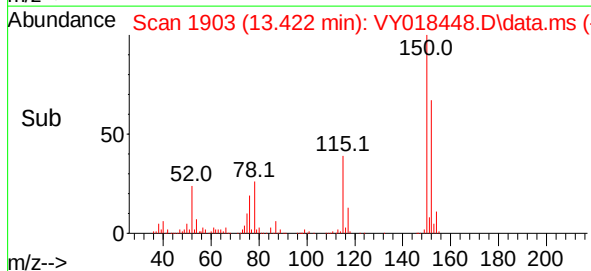
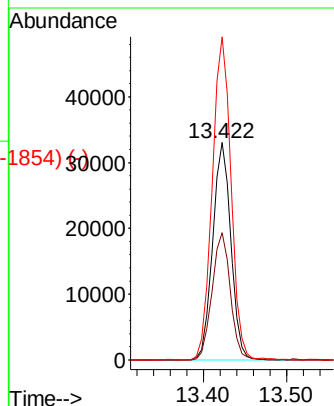
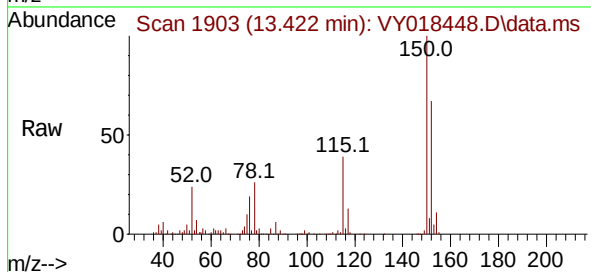




1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

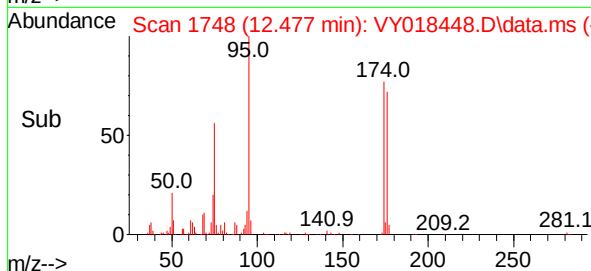
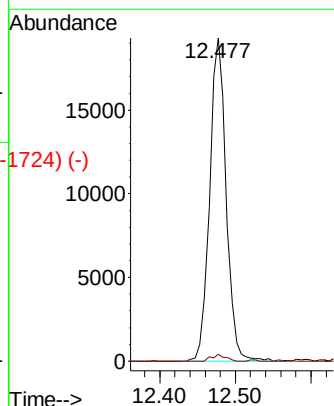
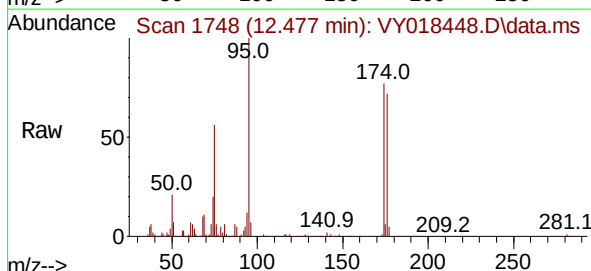
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tgt Ion:152 Resp: 49995
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 153.2 0.0 345.6

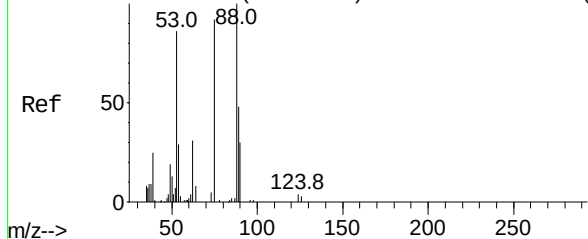


1,2,3-Trichloropropane
Concen: 47.403 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion: 75 Resp: 29387
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



Abundance Scan 1731 (12.373 min): VY018432.D\data.ms (-1731) (-)

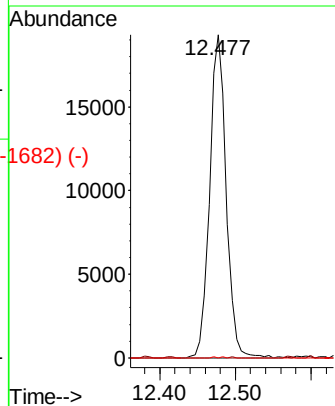
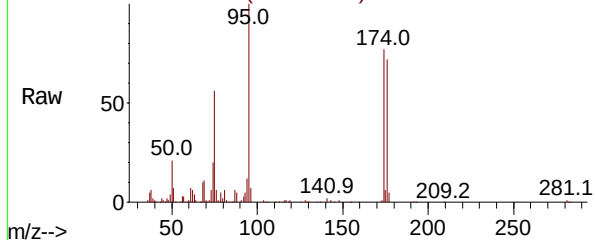


trans-1,4-Dichloro-2-butene
Concen: 99.590 ug/l
RT: 12.477 min Scan# 1731
Delta R.T. 0.104 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tgt Ion: 75 Resp: 29387
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

Abundance Scan 1748 (12.477 min): VY018448.D\data.ms



Abundance Scan 1748 (12.477 min): VY018448.D\data.ms (-1682) (-)

