

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018438.D
 Acq On : 03 Jun 2024 14:04
 Operator : SY/MD
 Sample : VY0603SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01

Quant Time: Jun 04 05:41:09 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)

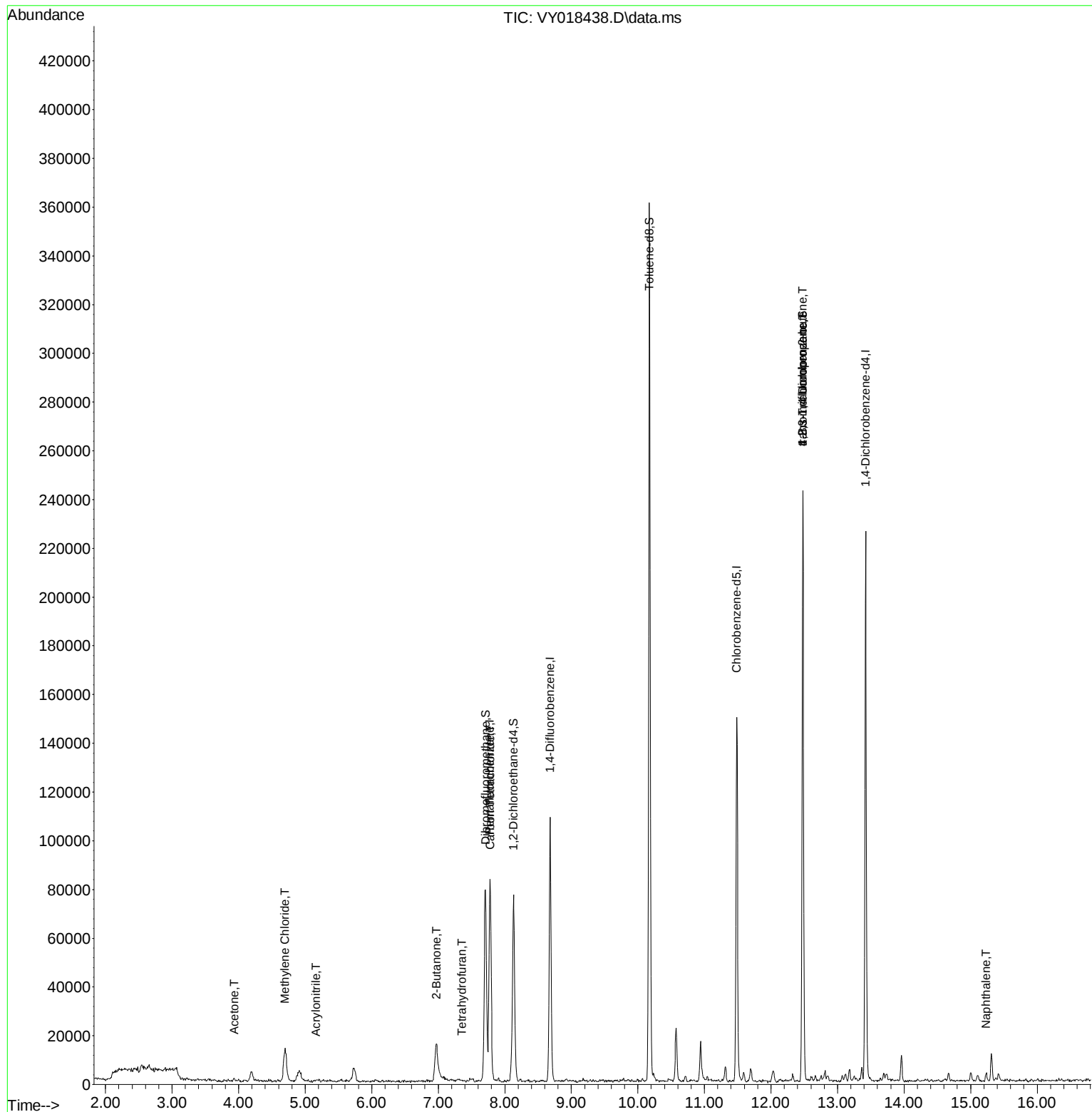
Internal Standards						
1) Pentafluorobenzene	7.777	168	57773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	93295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	80197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55974	49.335	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	98.660%	
35) Dibromofluoromethane	7.710	113	56459	47.724	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	95.440%	
50) Toluene-d8	10.173	98	229141	48.686	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	97.380%	
62) 4-Bromofluorobenzene	12.477	95	68122	46.488	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	92.980%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.912	59	4648	Below Cal	#	92
15) Acrylonitrile	5.161	53	427	1.465	ug/l #	64
16) Acetone	3.936	43	1328	5.274	ug/l	99
20) Methylene Chloride	4.698	84	9621	3.974	ug/l #	87
25) 2-Butanone	6.972	43	1119	2.901	ug/l #	72
29) Tetrahydrofuran	7.356	42	440	1.756	ug/l #	53
38) Carbon Tetrachloride	7.783	117	6334	3.504	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	36133	54.356	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36133	114.199	ug/l #	16
95) Naphthalene	15.233	128	2383	1.088	ug/l #	96

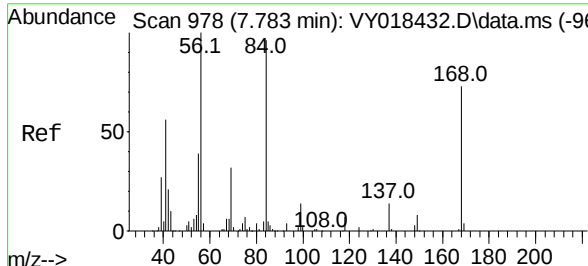
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
Data File : VY018438.D
Acq On : 03 Jun 2024 14:04
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Quant Time: Jun 04 05:41:09 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

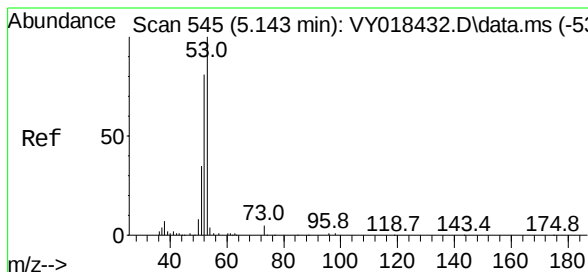
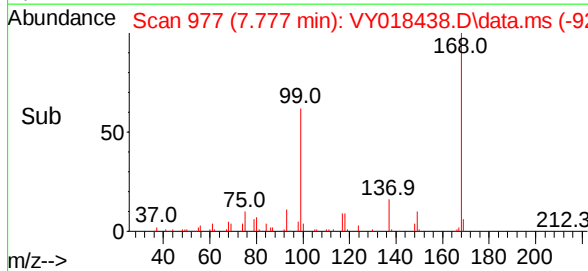
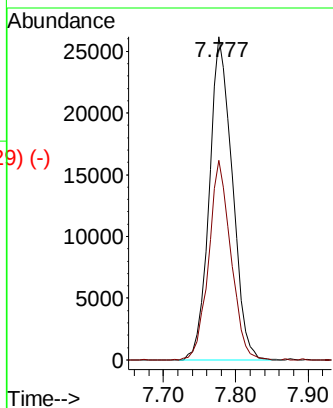
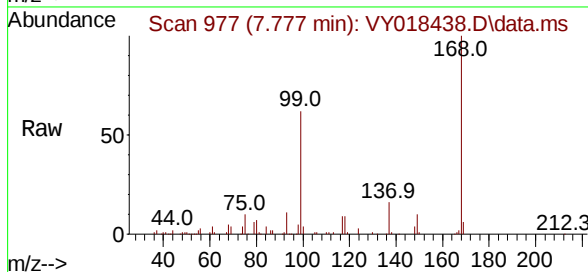




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.777 min Scan# 978
 Delta R.T. -0.006 min
 Lab File: VY018438.D
 Acq: 03 Jun 2024 14:04

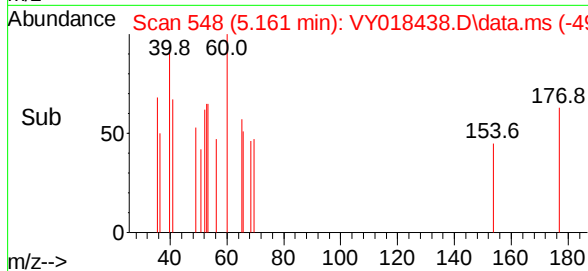
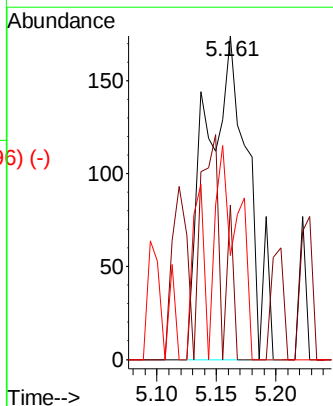
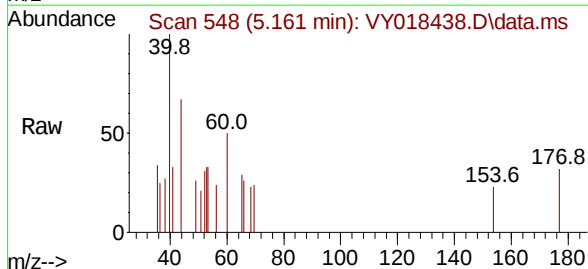
Instrument : MSVOA_Y
 ClientSampleId : VY0603SBL01

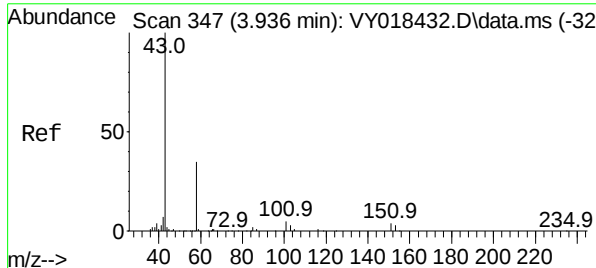
Tgt Ion: 168 Resp: 57773
 Ion Ratio Lower Upper
 168 100
 99 61.8 39.1 58.7#



Acrylonitrile
 Concen: 1.465 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. 0.018 min
 Lab File: VY018438.D
 Acq: 03 Jun 2024 14:04

Tgt Ion: 53 Resp: 427
 Ion Ratio Lower Upper
 53 100
 52 34.9 64.7 97.1#
 51 35.8 28.4 42.6

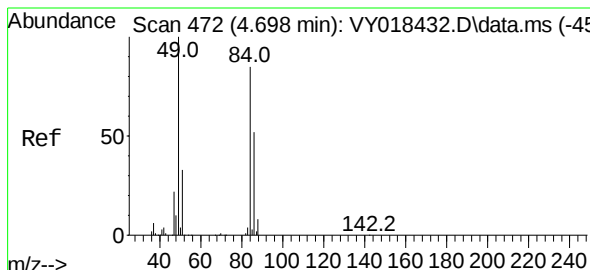
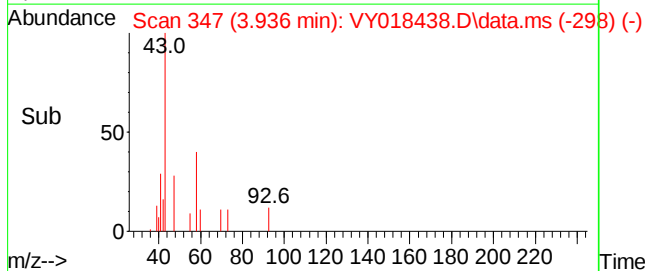
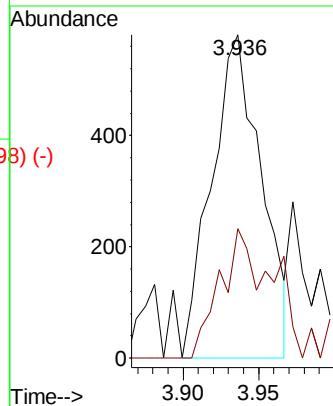
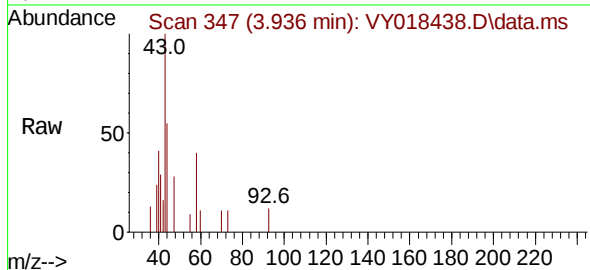




#16
Acetone
Concen: 5.274 ug/l
RT: 3.936 min Scan# 416
Delta R.T. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

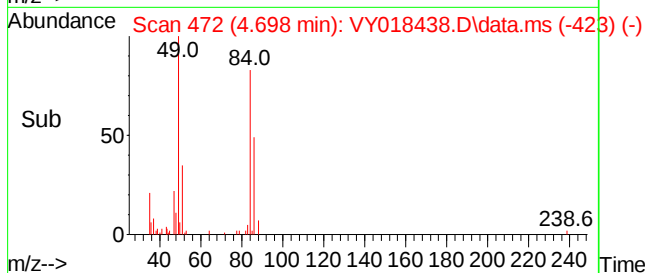
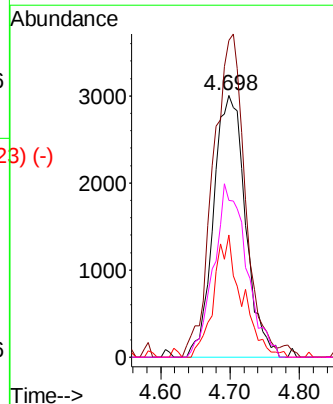
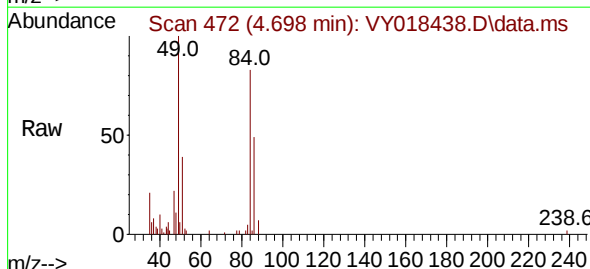
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

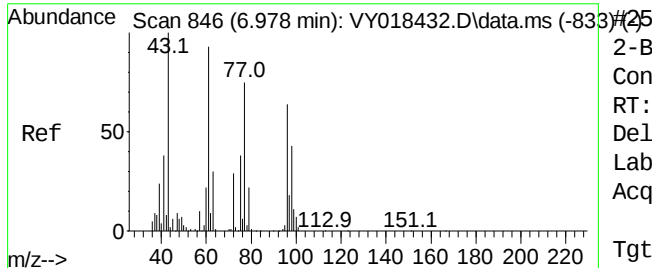
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 40.1 31.7 47.5



#20
Methylene Chloride
Concen: 3.974 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion: 84 Resp: 9621
Ion Ratio Lower Upper
84 100
49 120.9 84.4 126.6
51 46.8 26.0 39.0#
86 59.8 49.5 74.3





2-Butanone

Concen: 2.901 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

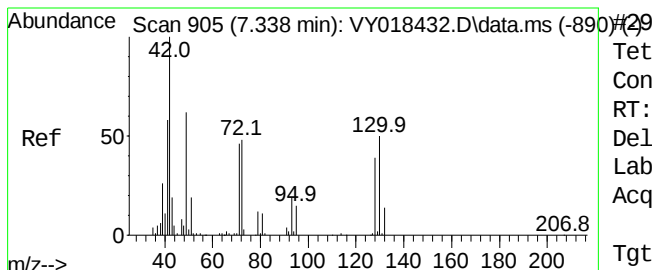
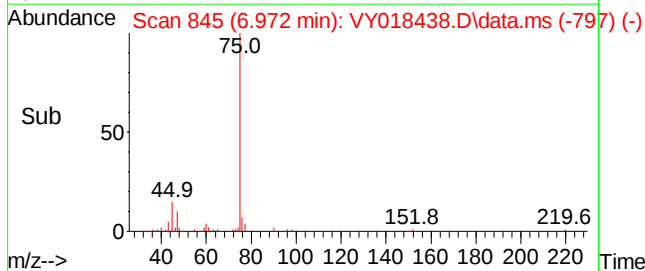
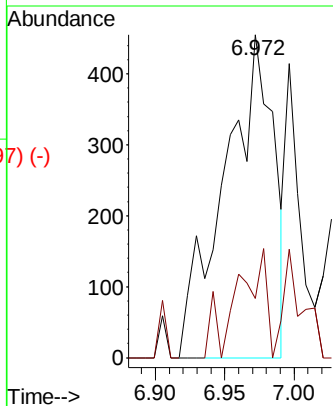
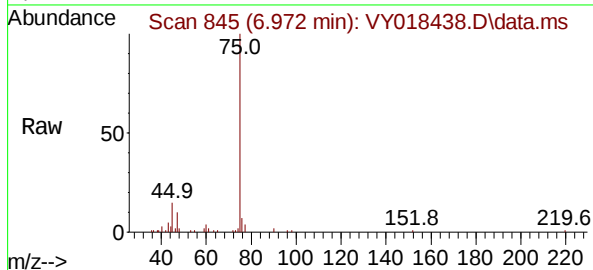
VY0603SBL01

Tgt Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

72 18.2 27.3 40.9#



Tetrahydrofuran

Concen: 1.756 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

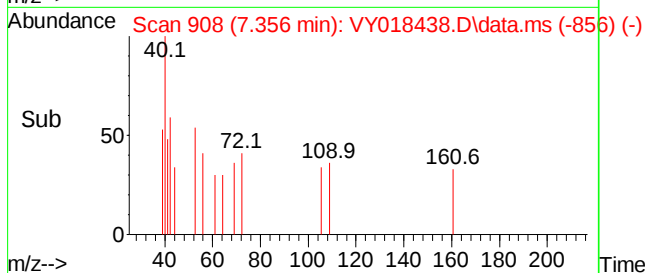
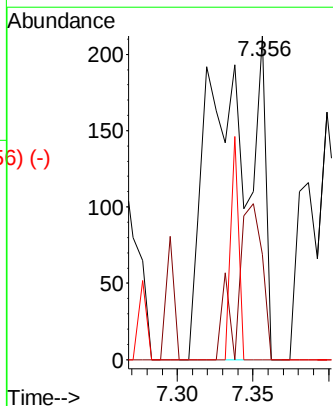
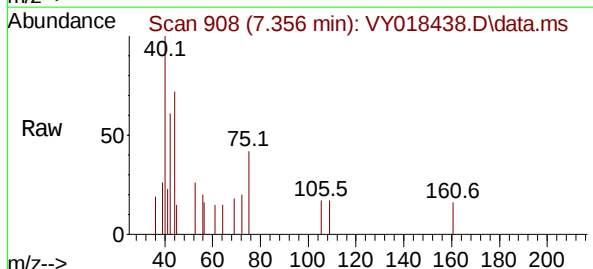
Tgt Ion: 42 Resp: 440

Ion Ratio Lower Upper

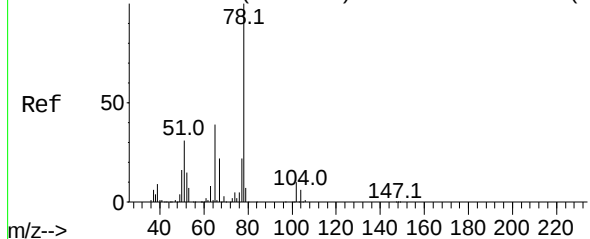
42 100

72 26.8 43.0 64.4#

71 12.0 40.8 61.2#



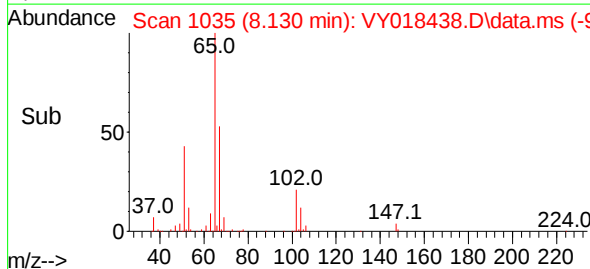
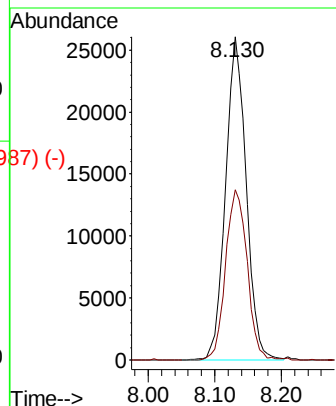
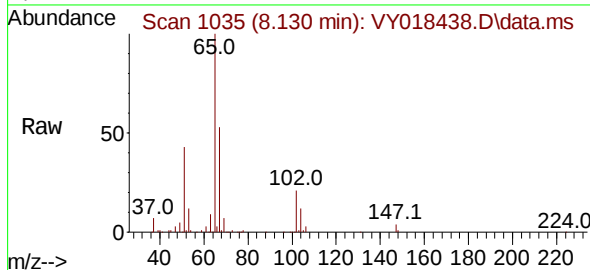
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



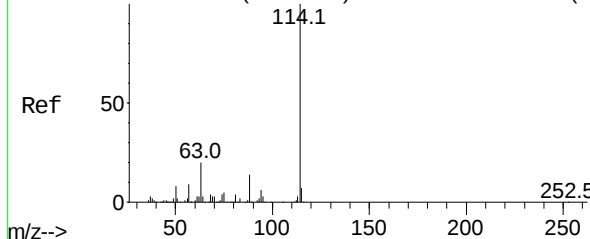
1,2-Dichloroethane-d4
Concen: 49.335 ug/l
RT: 8.130 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion: 65 Resp: 55974
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

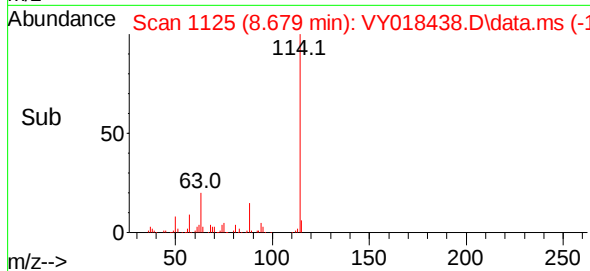
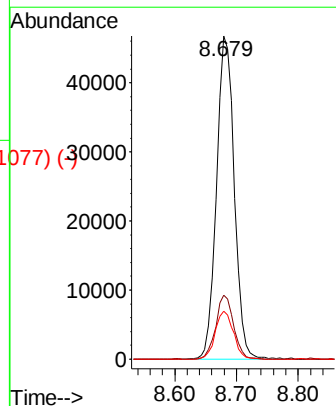
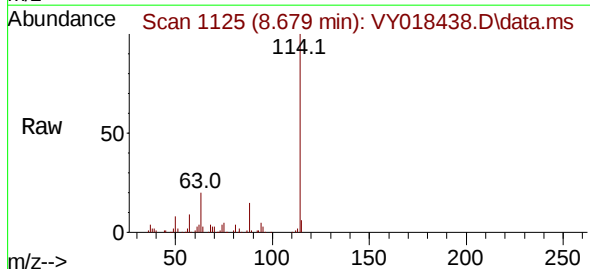


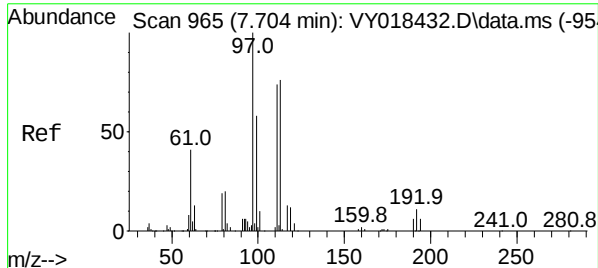
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion:114 Resp: 93295
Ion Ratio Lower Upper
114 100
63 19.9 0.0 35.0
88 14.8 0.0 27.2





Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBL01

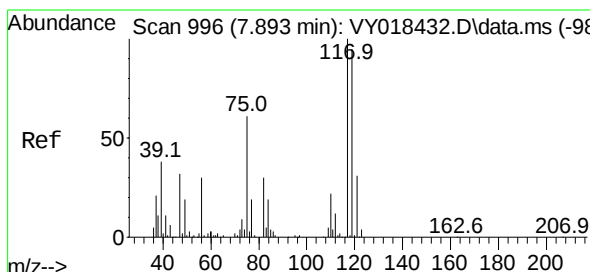
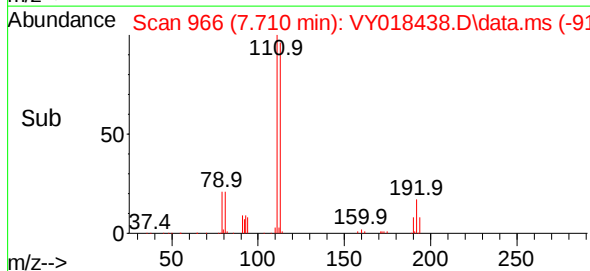
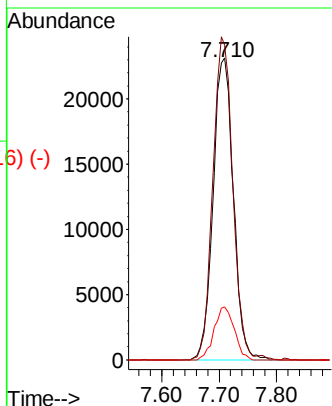
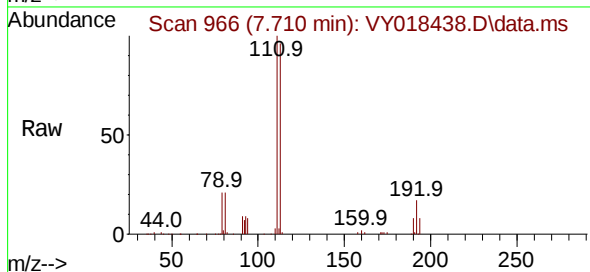
Tgt Ion:113 Resp: 56459

Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

192 17.5 15.9 23.9



Carbon Tetrachloride

Concen: 3.504 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY018438.D

Acq: 03 Jun 2024 14:04

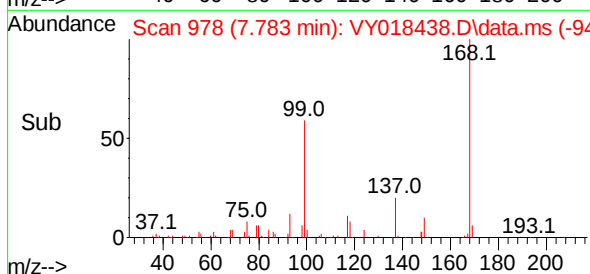
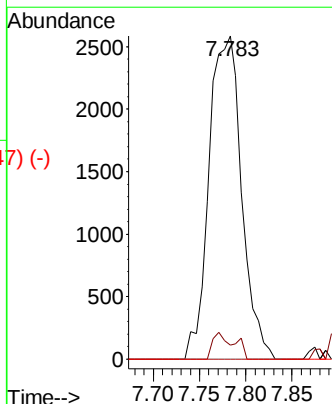
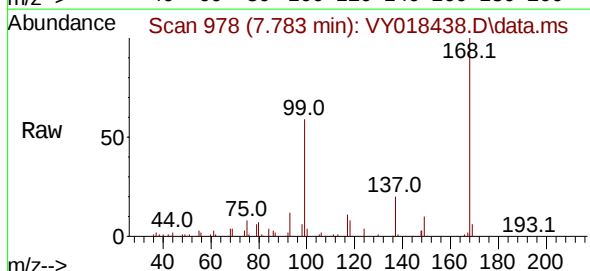
Tgt Ion:117 Resp: 6334

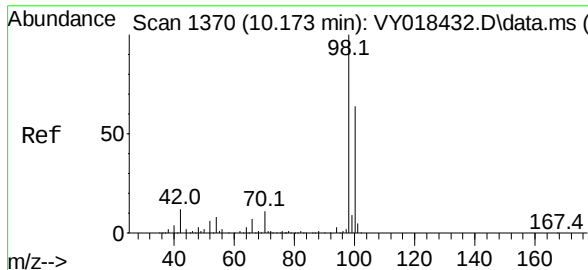
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#

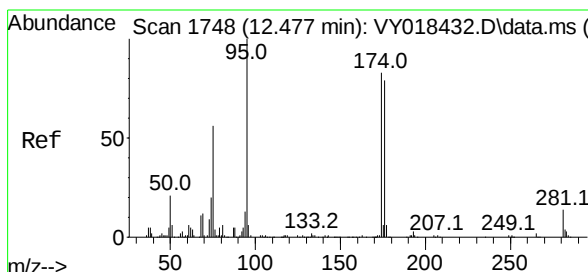
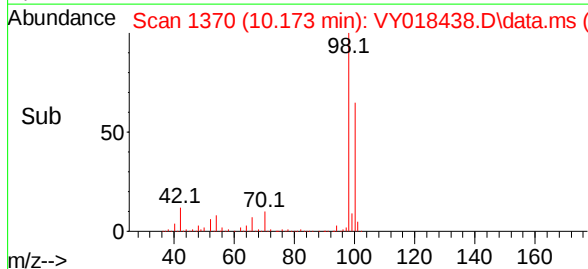
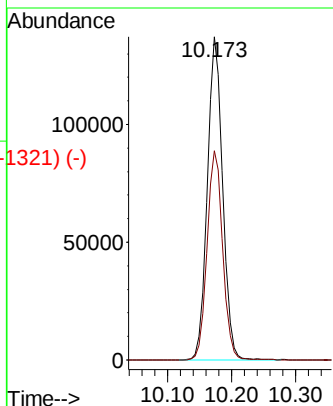
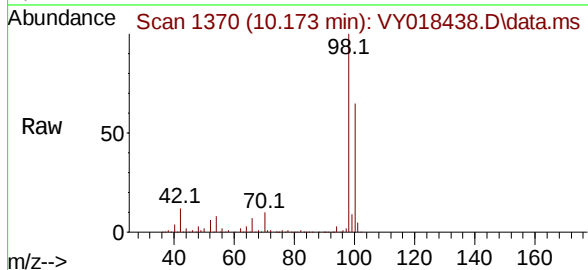




Toluene-d8
Concen: 48.686 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

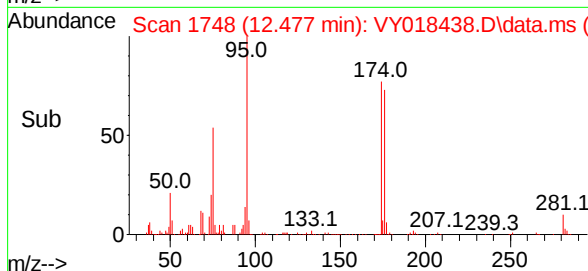
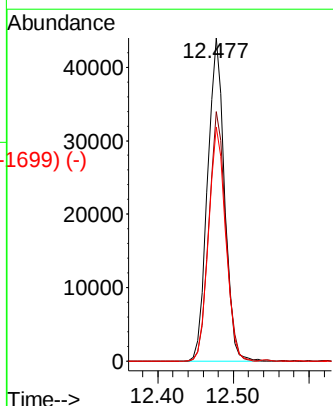
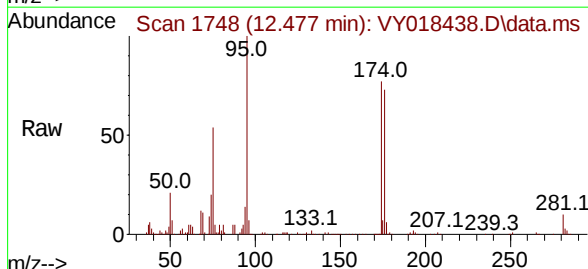
Instrument :
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VY0603SBL01

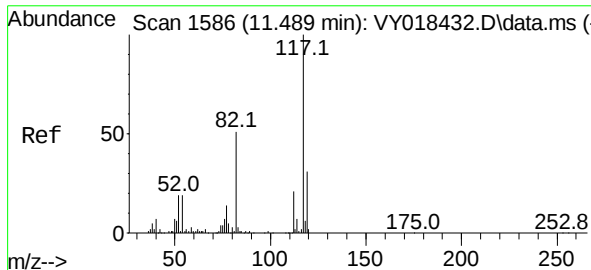
Tgt Ion: 98 Resp: 229141
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



4-Bromofluorobenzene
Concen: 46.488 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion: 95 Resp: 68122
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 73.0 0.0 171.4

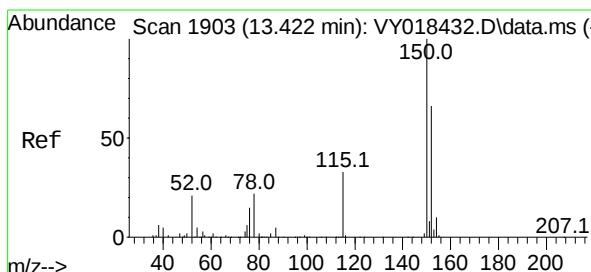
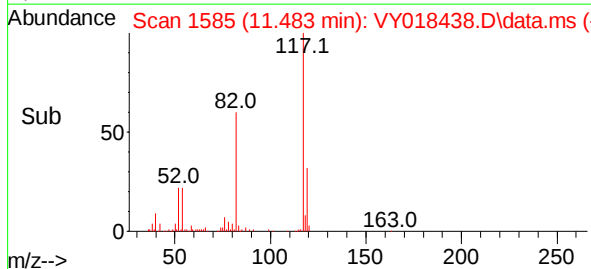
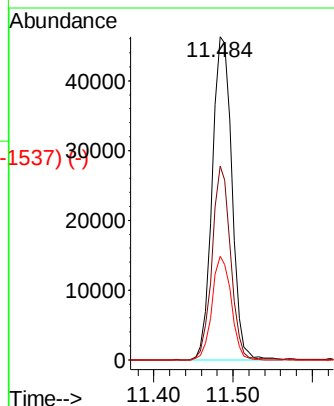
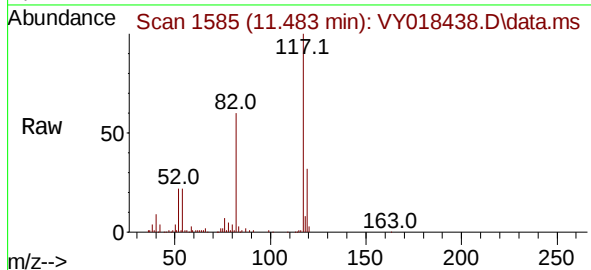




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

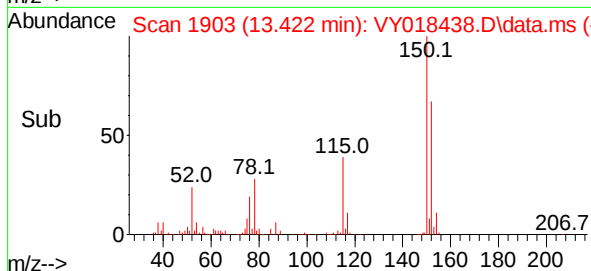
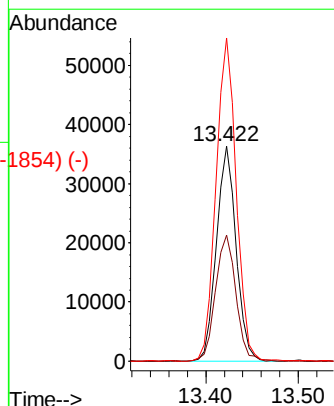
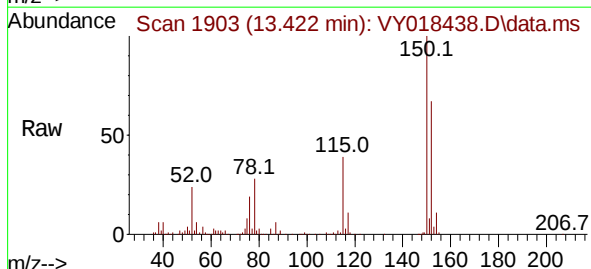
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion:	117	Resp:	80197
Ion	Ratio	Lower	Upper
117	100		
82	60.0	42.4	63.6
119	32.1	25.9	38.9

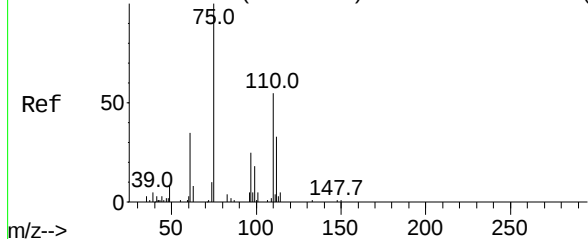


1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion:	152	Resp:	53608
Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.2	84.7
150	154.3	0.0	345.6



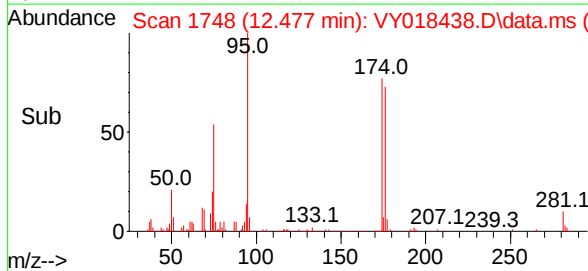
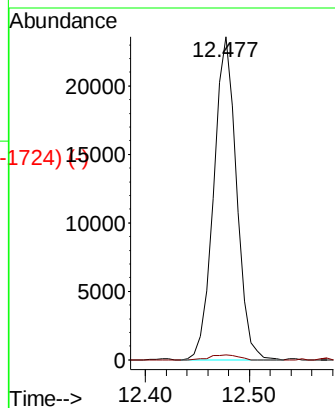
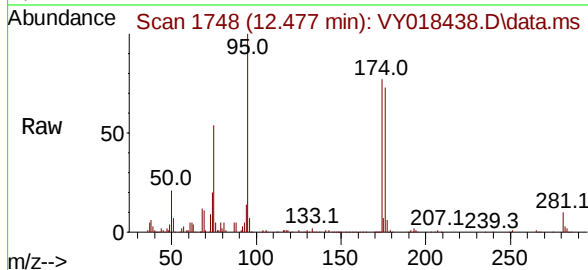
Abundance Scan 1773 (12.630 min): VY018432.D\data.ms (-1773)



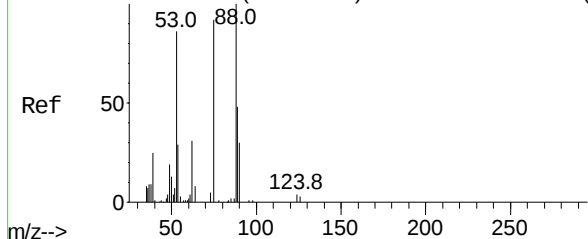
1,2,3-Trichloropropane
Concen: 54.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBL01

Tgt Ion: 75 Resp: 36133
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

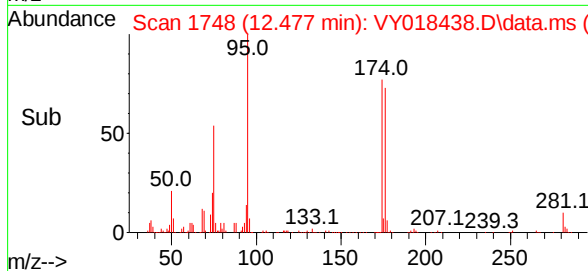
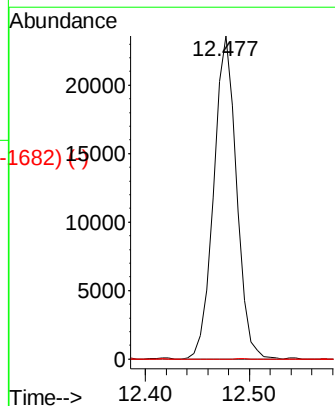
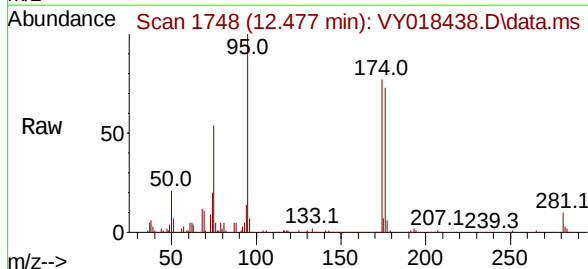


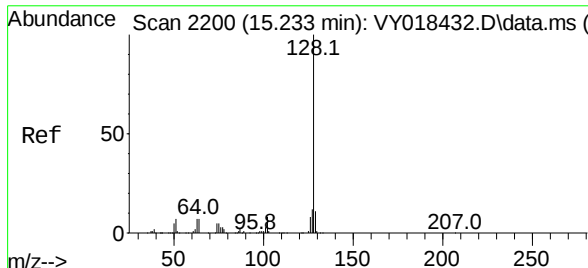
Abundance Scan 1731 (12.373 min): VY018432.D\data.ms (-1731)



trans-1,4-Dichloro-2-butene
Concen: 114.199 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018438.D
Acq: 03 Jun 2024 14:04

Tgt Ion: 75 Resp: 36133
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





Naphthalene
 Concen: 1.088 ug/l
 RT: 15.233 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: VY018438.D
 Acq: 03 Jun 2024 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBL01

Tgt Ion:	128	Resp:	2383
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.6	16.0#
129	10.9	8.6	13.0

