

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018451.D
 Acq On : 03 Jun 2024 19:33
 Operator : SY/MD
 Sample : P2705-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 330

Quant Time: Jun 04 05:44:10 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)

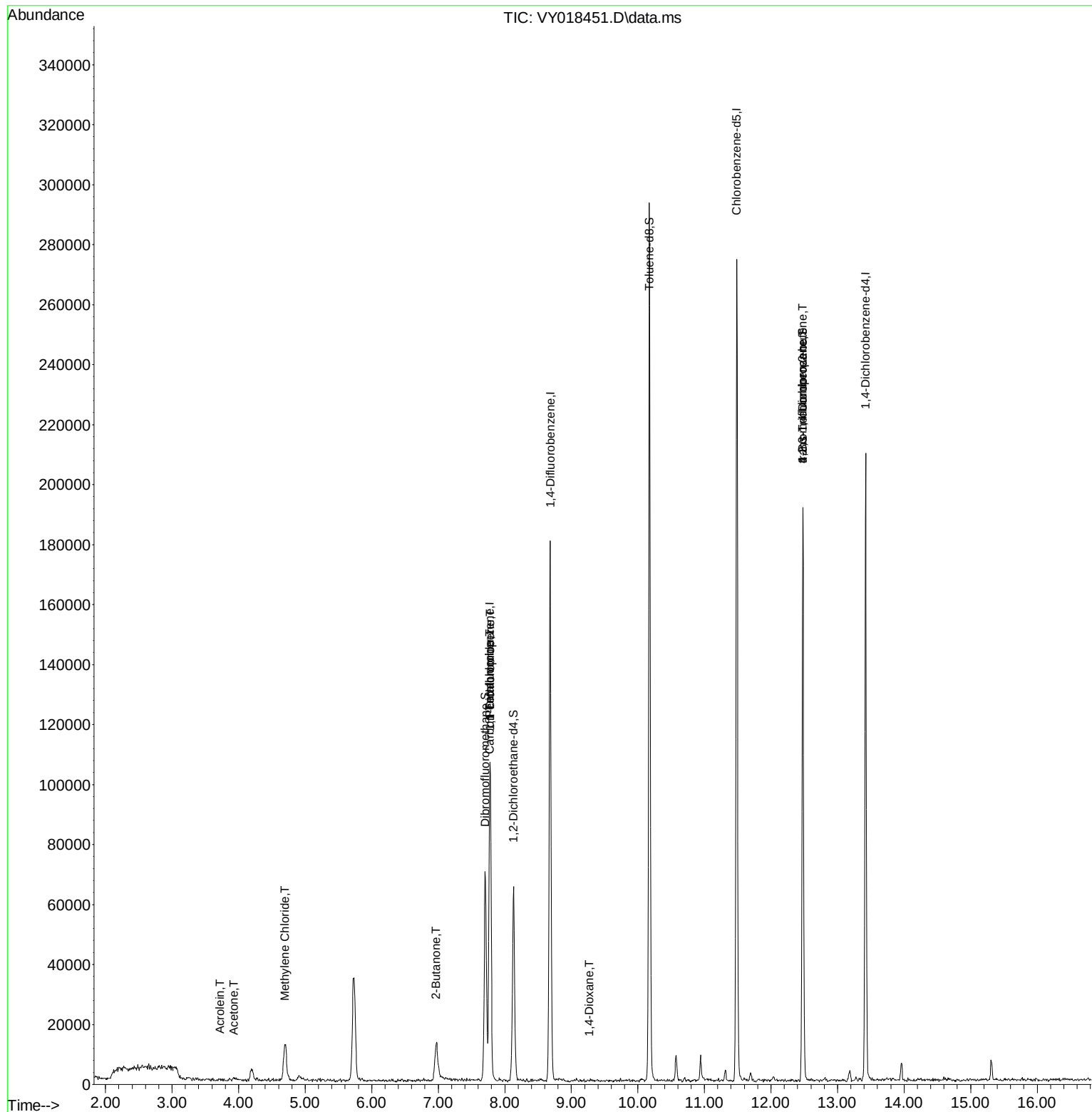
Internal Standards						
1) Pentafluorobenzene	7.777	168	75406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	153346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	140022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49190	33.217	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	66.440%	
35) Dibromofluoromethane	7.704	113	48008	24.689	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	49.380%#	
50) Toluene-d8	10.173	98	187705	24.264	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	48.520%#	
62) 4-Bromofluorobenzene	12.477	95	53802	22.337	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	44.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	284	Below Cal	#	1
13) Acrolein	3.723	56	171	1.128	ug/l #	49
16) Acetone	3.930	43	1611	4.901	ug/l	88
20) Methylene Chloride	4.698	84	8773	1.913	ug/l #	82
25) 2-Butanone	6.966	43	583	1.158	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	7342	2.476	ug/l #	44
38) Carbon Tetrachloride	7.771	117	8358	2.813	ug/l #	16
49) 1,4-Dioxane	9.271	88	33	2.157	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	30093	50.084	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30093	105.224	ug/l #	16

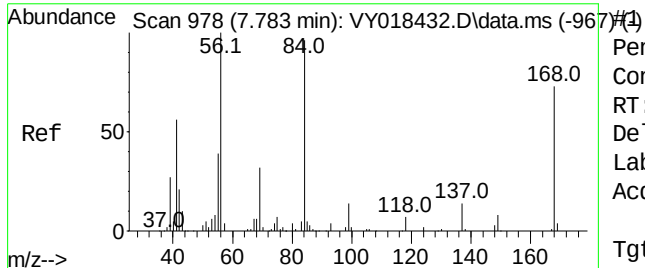
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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330

Quant Time: Jun 04 05:44:10 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# 312

Delta R.T. -0.006 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

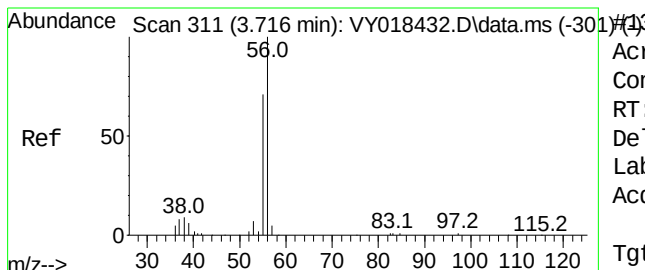
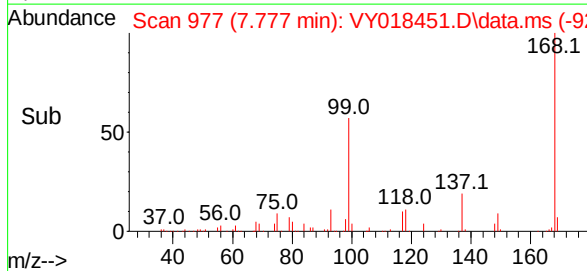
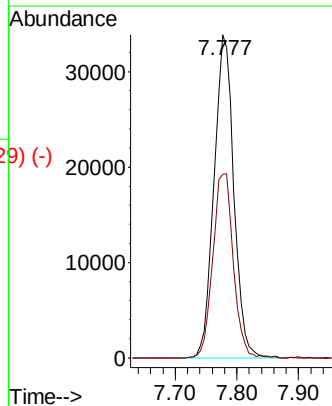
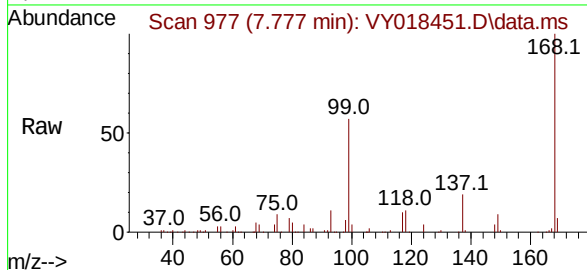
330

Tgt Ion:168 Resp: 75406

Ion Ratio Lower Upper

168 100

99 56.9 39.1 58.7



Acrolein

Concen: 1.128 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.007 min

Lab File: VY018451.D

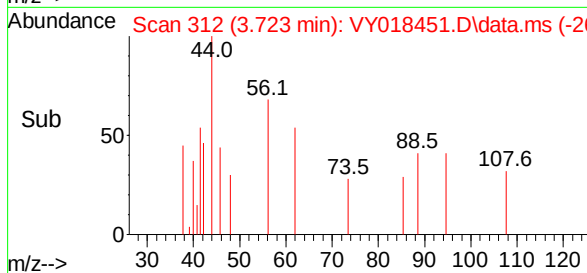
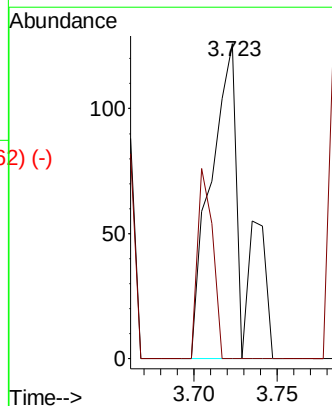
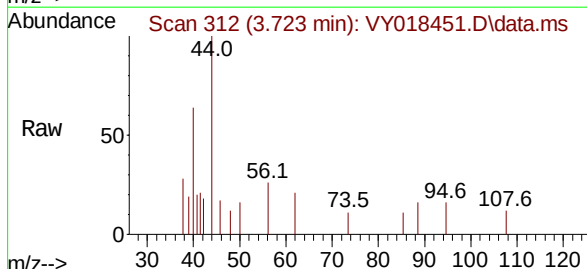
Acq: 03 Jun 2024 19:33

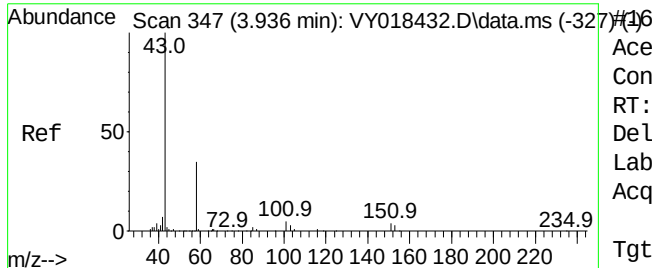
Tgt Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 28.1 55.7 83.5#

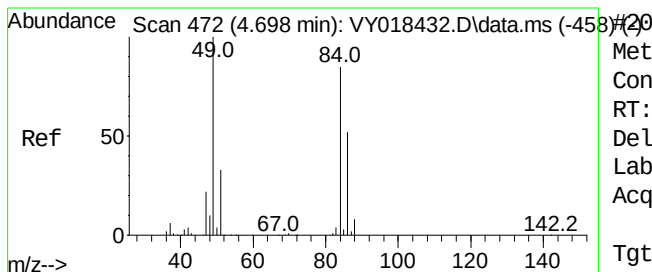
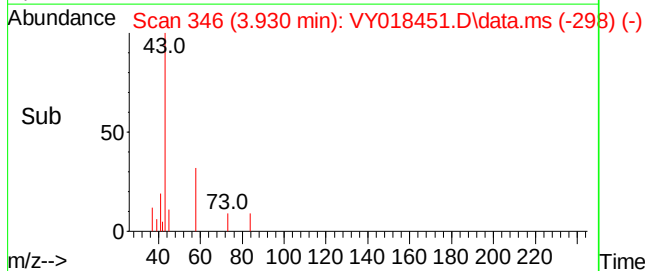
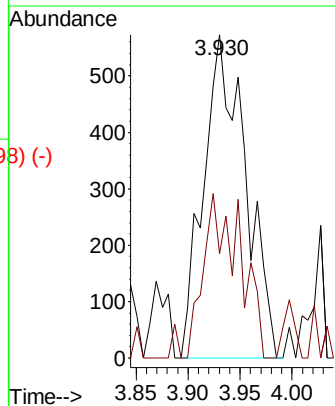
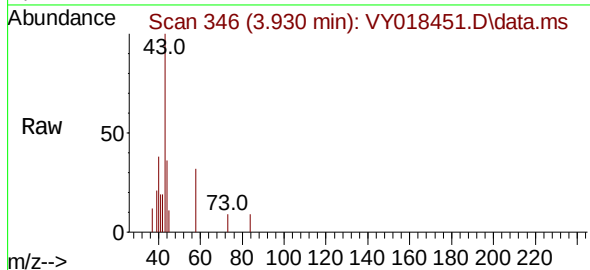




#16
Acetone
Concen: 4.901 ug/l
RT: 3.930 min Scan# 330
Delta R.T. -0.006 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

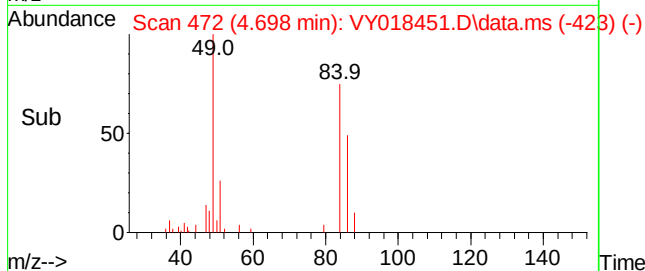
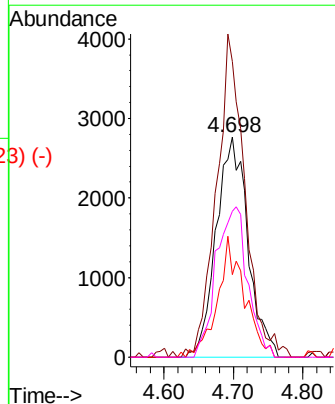
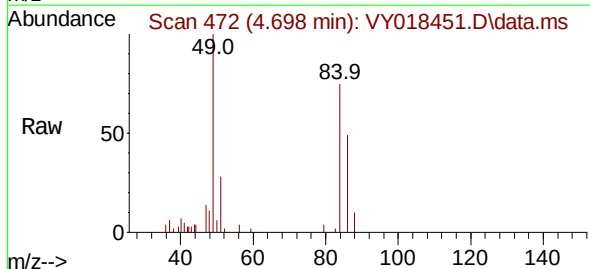
Instrument :
MSVOA_Y
ClientSampleId :
330

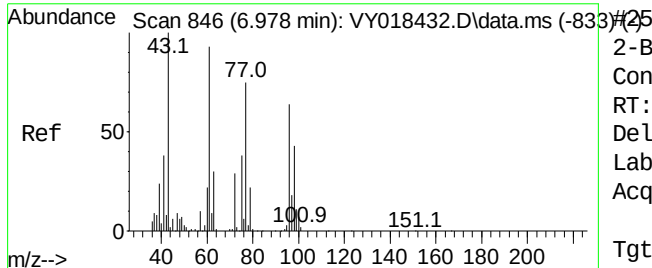
Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 32.3 31.7 47.5



#20
Methylene Chloride
Concen: 1.913 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion: 84 Resp: 8773
Ion Ratio Lower Upper
84 100
49 134.2 84.4 126.6#
51 37.5 26.0 39.0
86 66.3 49.5 74.3





2-Butanone

Concen: 1.158 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

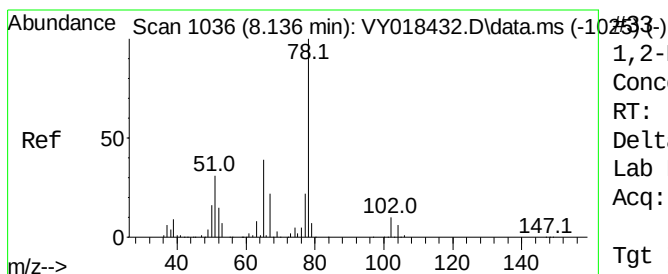
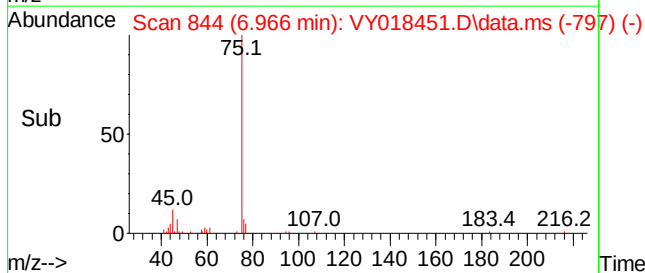
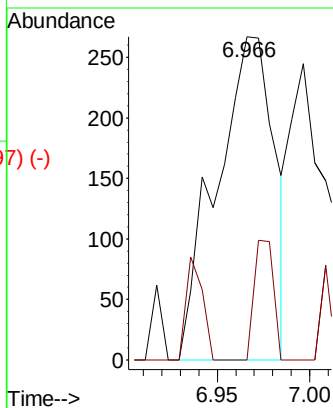
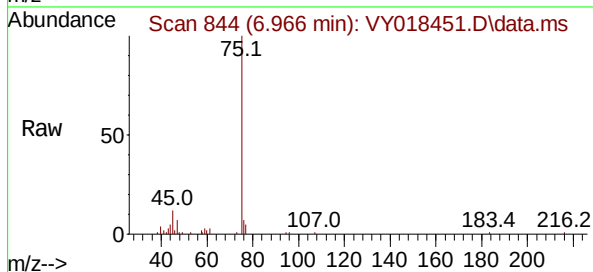
330

Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



1,2-Dichloroethane-d4

Concen: 33.217 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018451.D

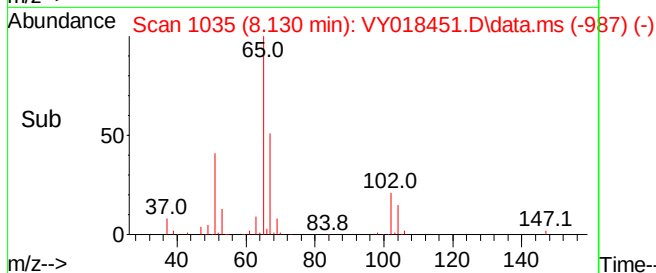
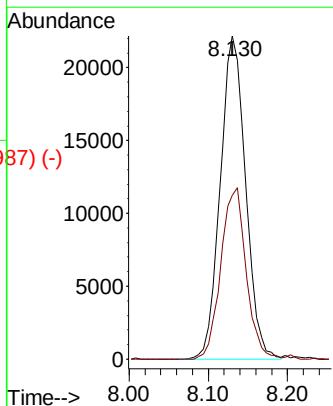
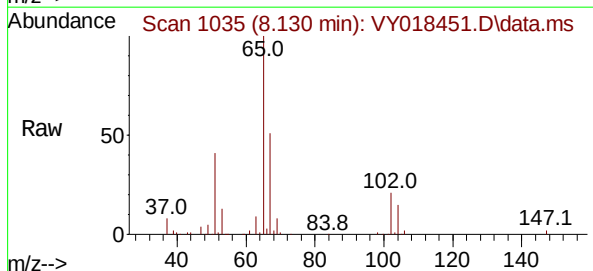
Acq: 03 Jun 2024 19:33

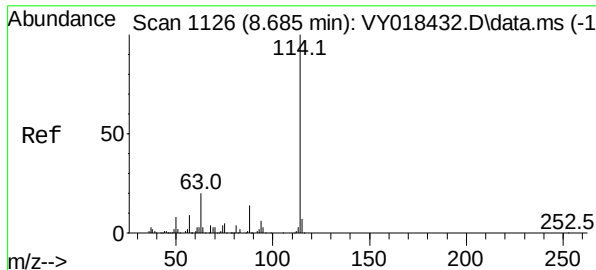
Tgt Ion: 65 Resp: 49190

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6





1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

Instrument :

MSVOA_Y

ClientSampleId :

330

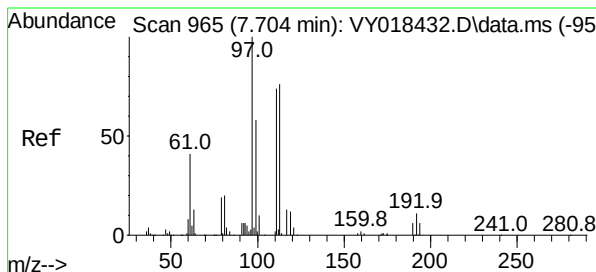
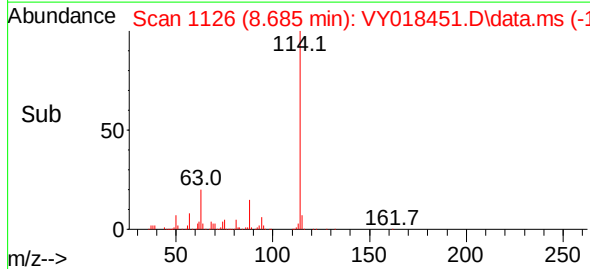
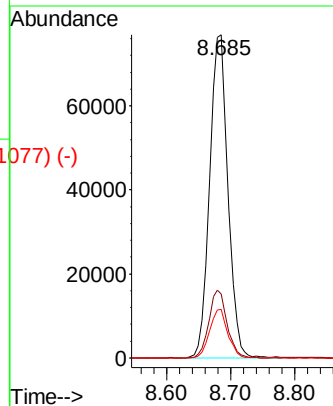
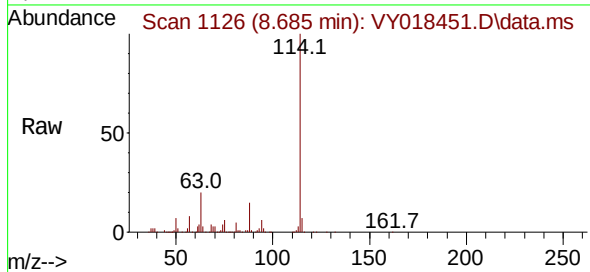
Tgt Ion:114 Resp: 153346

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.1 0.0 27.2



Dibromofluoromethane

Concen: 24.689 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

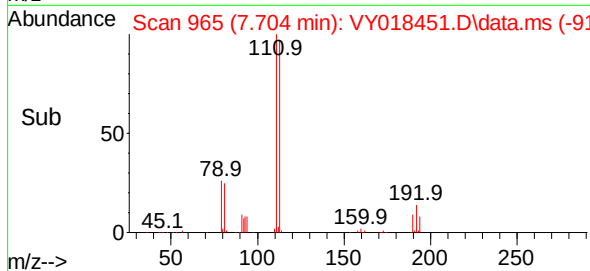
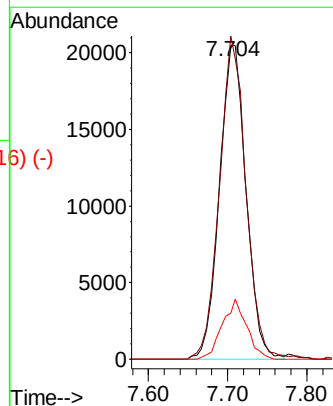
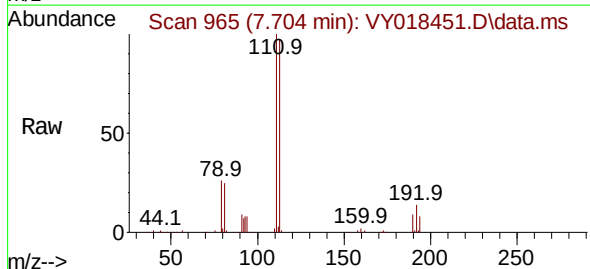
Tgt Ion:113 Resp: 48008

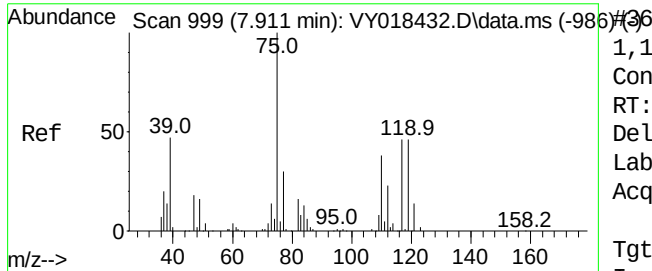
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.4 15.9 23.9

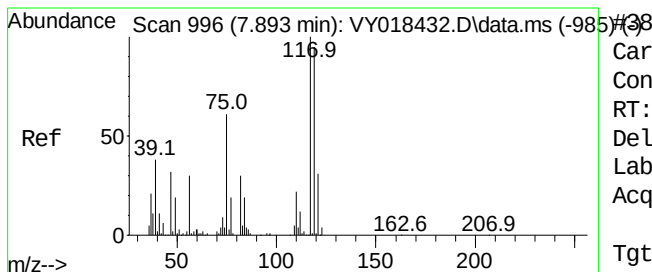
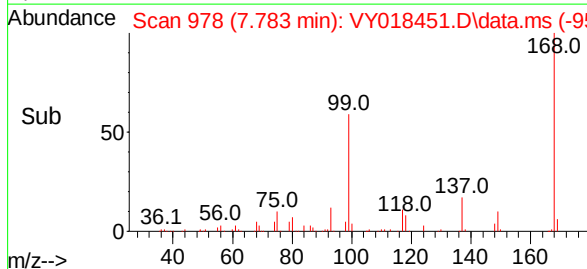
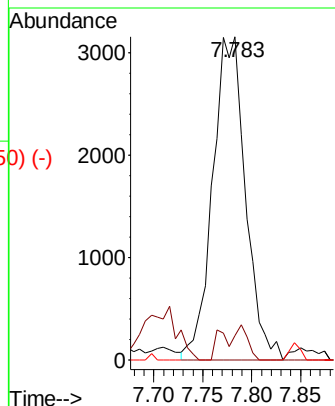
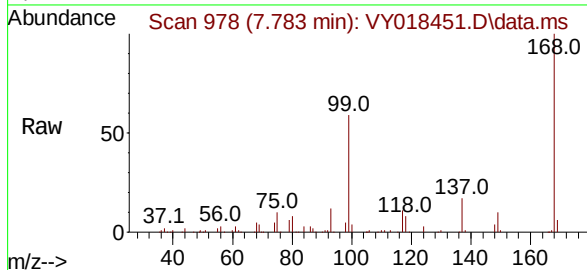




1,1-Dichloropropene
Concen: 2.476 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

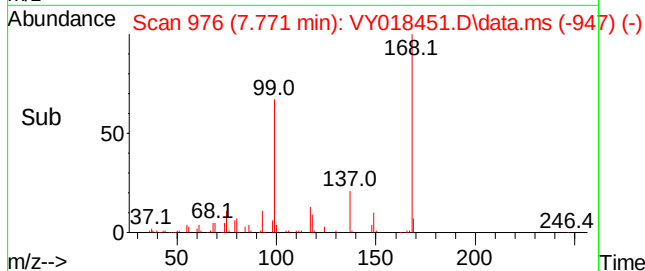
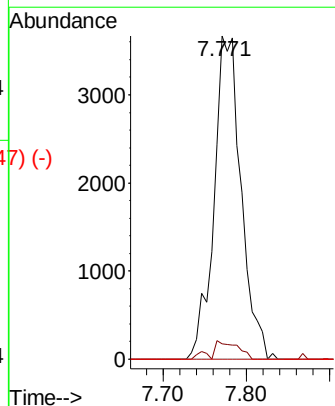
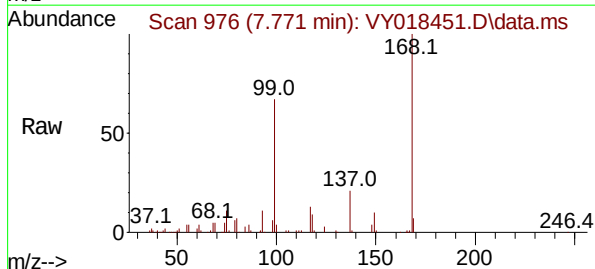
Instrument :
MSVOA_Y
ClientSampleId :
330

Tgt Ion:	75	Resp:	7342
Ion	Ratio	Lower	Upper
75	100		
110	4.4	19.0	57.0#
77	0.0	25.3	37.9#

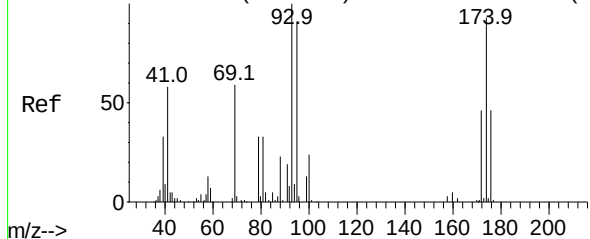


Carbon Tetrachloride
Concen: 2.813 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.122 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion:	117	Resp:	8358
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.6#
121	0.0	24.0	36.0#



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1218)



1,4-Dioxane

Concen: 2.157 ug/l

RT: 9.271 min Scan# 119

Delta R.T. -0.030 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

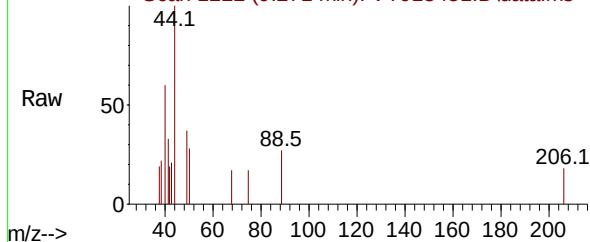
Instrument :

MSVOA_Y

ClientSampleId :

330

Abundance Scan 1222 (9.271 min): VY018451.D\data.ms



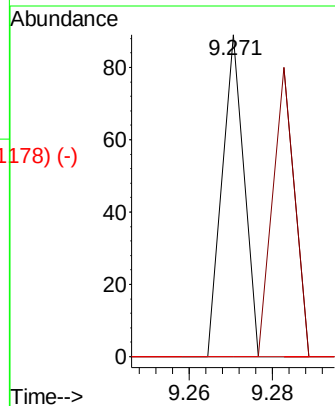
Tgt Ion: 88 Resp: 33

Ion Ratio Lower Upper

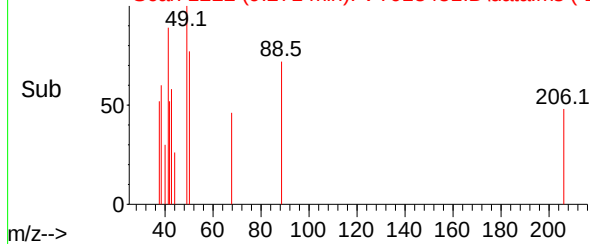
88 100

43 87.9 0.0 0.0#

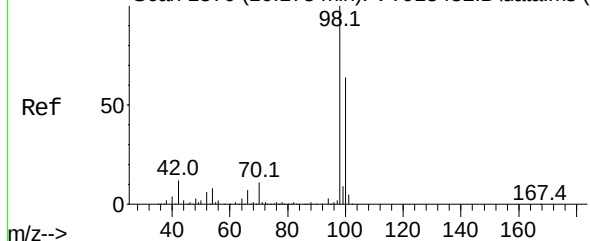
58 0.0 49.3 73.9#



Abundance Scan 1222 (9.271 min): VY018451.D\data.ms (-1178) (-)



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



Toluene-d8

Concen: 24.264 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018451.D

Acq: 03 Jun 2024 19:33

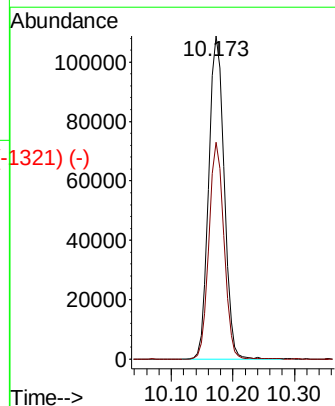
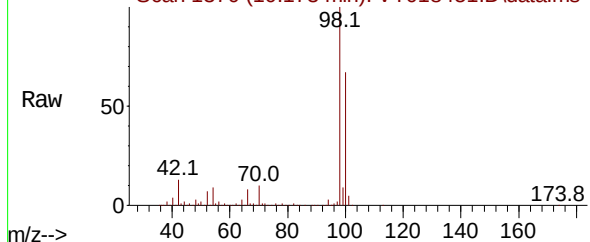
Tgt Ion: 98 Resp: 187705

Ion Ratio Lower Upper

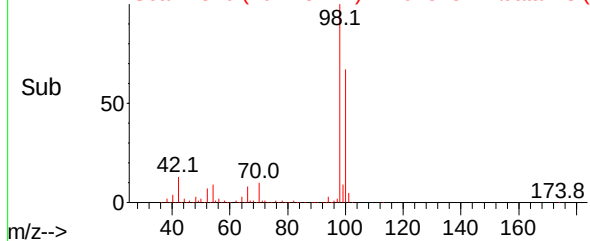
98 100

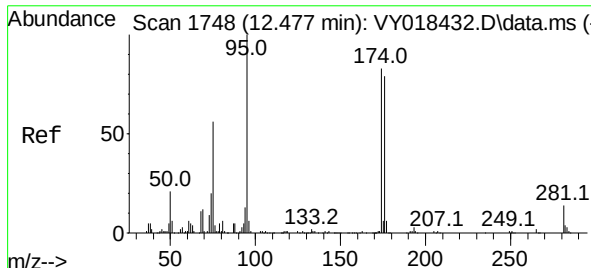
100 64.9 52.0 78.0

Abundance Scan 1370 (10.173 min): VY018451.D\data.ms



Abundance Scan 1370 (10.173 min): VY018451.D\data.ms (-1321) (-)

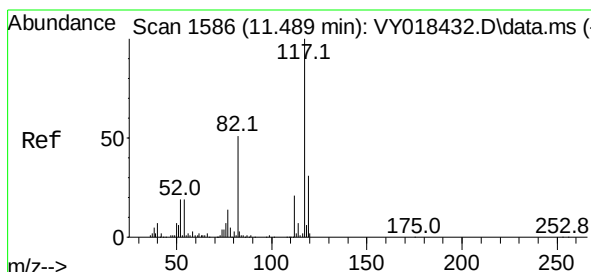
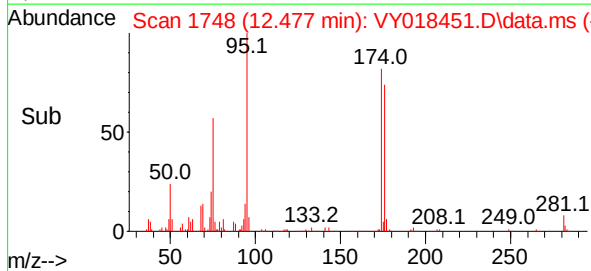
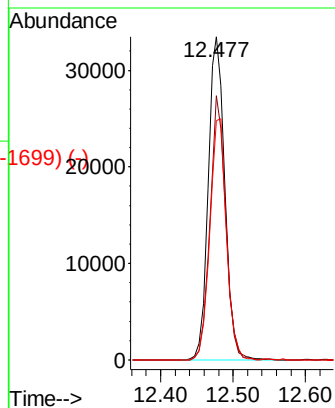
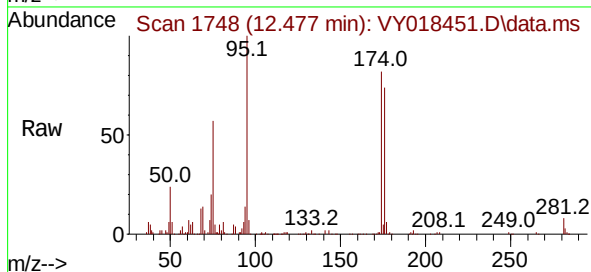




4-Bromofluorobenzene
 Concen: 22.337 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY018451.D
 Acq: 03 Jun 2024 19:33

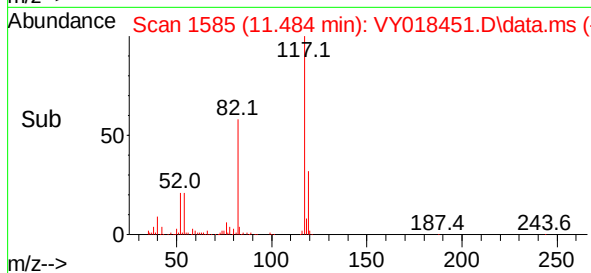
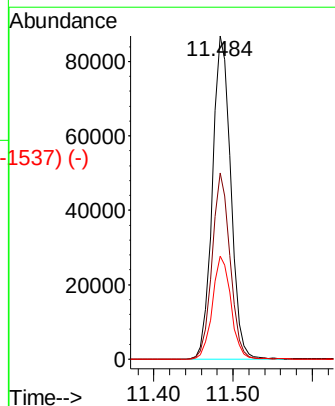
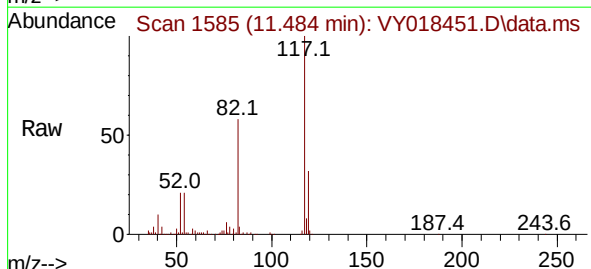
Instrument :
 MSVOA_Y
 ClientSampleId :
 330

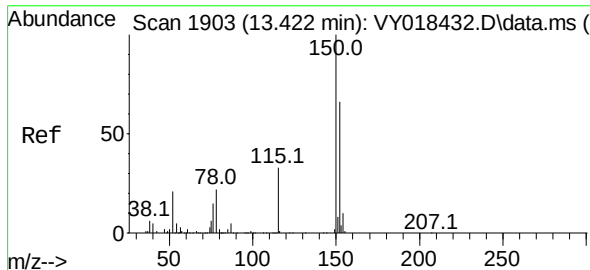
Tgt Ion:	95	Resp:	53802
Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	175.6
176	74.5	0.0	171.4



Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.484 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: VY018451.D
 Acq: 03 Jun 2024 19:33

Tgt Ion:	117	Resp:	140022
Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.4	63.6
119	31.9	25.9	38.9

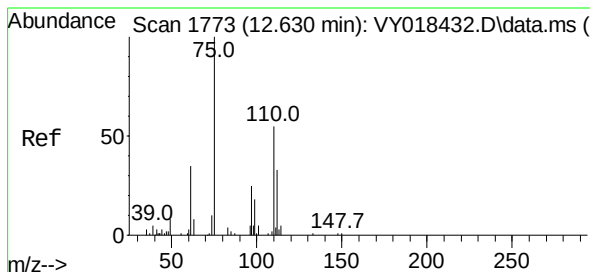
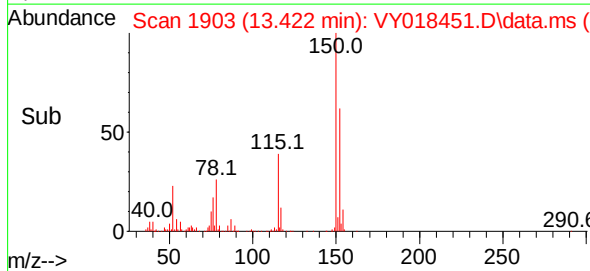
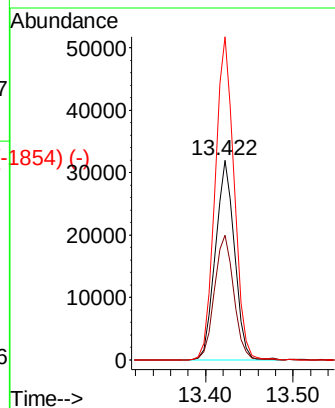
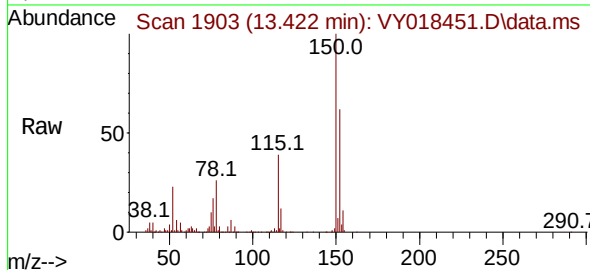




1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

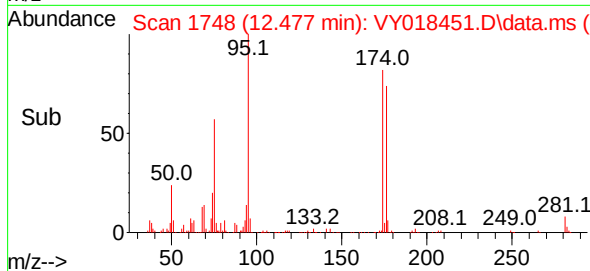
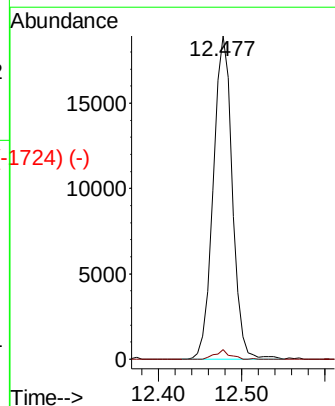
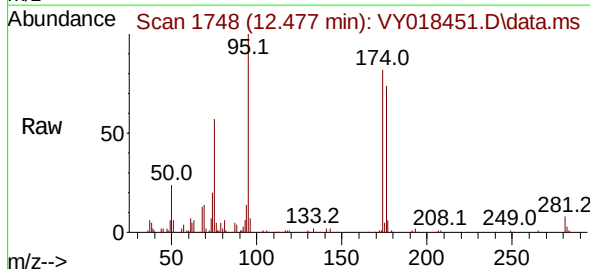
Instrument :
MSVOA_Y
ClientSampleId :
330

Tgt Ion:	152	Resp:	48455
Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.2	84.7
150	160.8	0.0	345.6

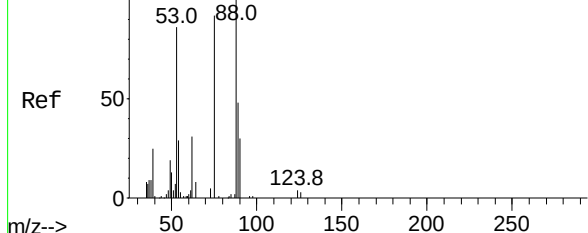


1,2,3-Trichloropropane
Concen: 50.084 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Tgt Ion:	75	Resp:	30093
Ion	Ratio	Lower	Upper
75	100		
77	2.2	0.0	0.0#



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



trans-1,4-Dichloro-2-butene
Concen: 105.224 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018451.D
Acq: 03 Jun 2024 19:33

Instrument :
MSVOA_Y
ClientSampleId :
330

Tgt Ion:	75	Resp:	30093
Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.8	100.2#
89	0.3	35.8	53.6#

