

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034337.D
 Acq On : 22 Feb 2024 11:11
 Operator : SY/MD
 Sample : P1511-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

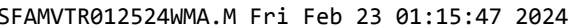
Quant Time: Feb 23 01:15:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

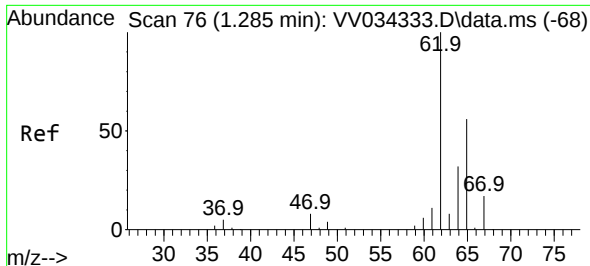
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	71889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	66663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	33657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19379	3.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.532	69	18860	3.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.060	65	10172	3.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.825	46	28191	30.149	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.300%
24) Chloroform-d	4.252	84	48965	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	24696	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.960	84	88010	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.989	67	25709	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.243	98	78218	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.564	79	6709	3.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.030	63	39226	52.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18011	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	29608	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	3364	0.490	ug/L #	1
8) Chloroethane	1.317	64	128630	27.459	ug/L #	52
14) Carbon disulfide	2.243	76	2251	0.139	ug/L #	94
17) Methyl tert-butyl Ether	2.706	73	73861	7.158	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	3854	0.753	ug/L	86
22) cis-1,2-Dichloroethene	3.818	96	10307	1.776	ug/L	94
35) Methylcyclohexane	5.992	83	6390	0.703	ug/L #	17
37) 1,2-Dichloropropane	5.986	63	3307	0.683	ug/L #	87
53) m,p-Xylene	9.085	106	1050	0.113	ug/L	77
61) 1,2,3-Trichloropropane	11.188	75	3999	1.728	ug/L #	62

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

Quant Time: Feb 23 01:15:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration

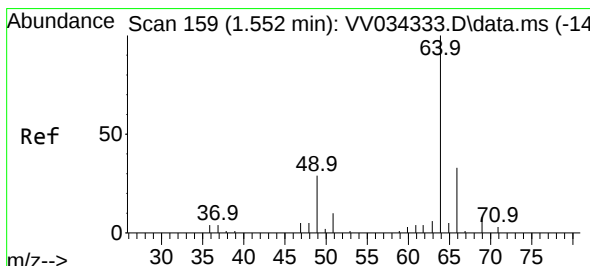
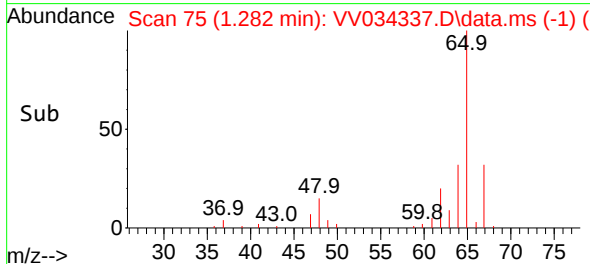
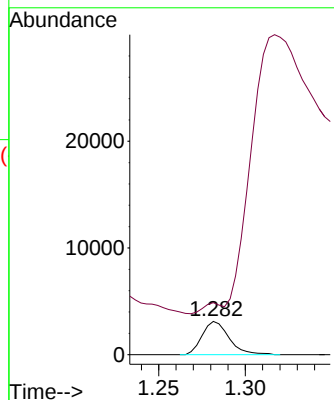
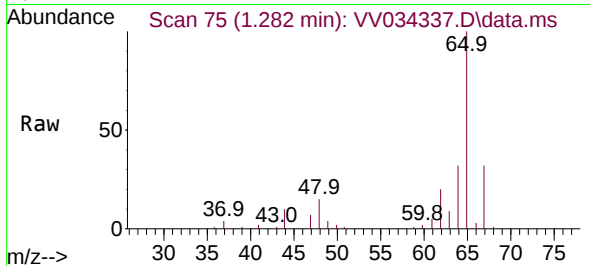




#5
 Vinyl chloride
 Concen: 0.490 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV034337.D
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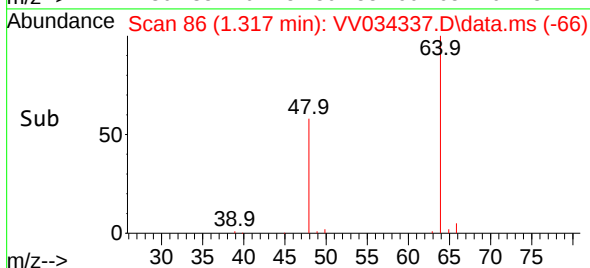
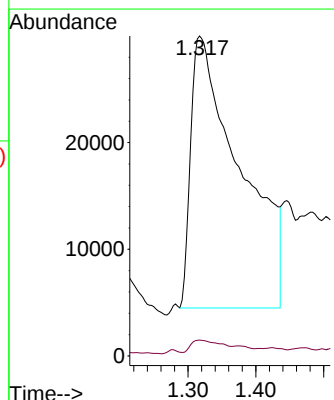
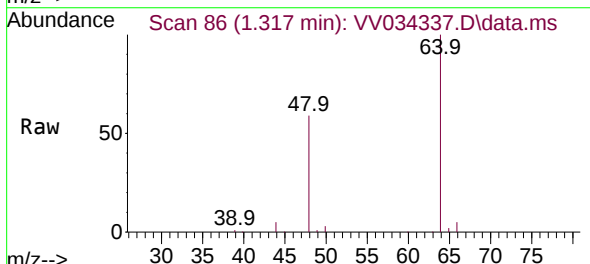
Instrument :
 MSVOA_V
 ClientSampleId :

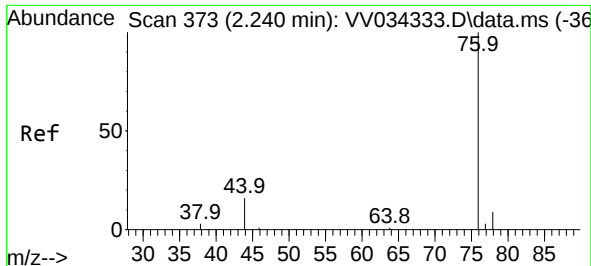
Tgt Ion: 62 Resp: 3364
 Ion Ratio Lower Upper
 62 100
 64 156.1 27.2 50.4#



#8
 Chloroethane
 Concen: 27.459 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. -0.235 min
 Lab File: VV034337.D
 Acq: 22 Feb 2024 11:11

Tgt Ion: 64 Resp: 128630
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.0 41.0#

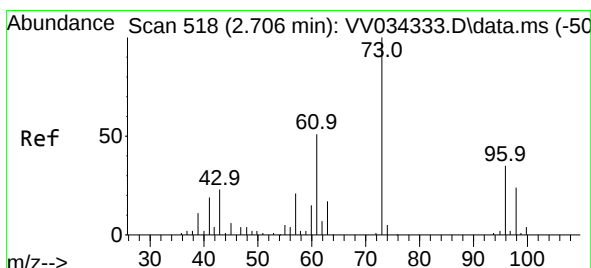
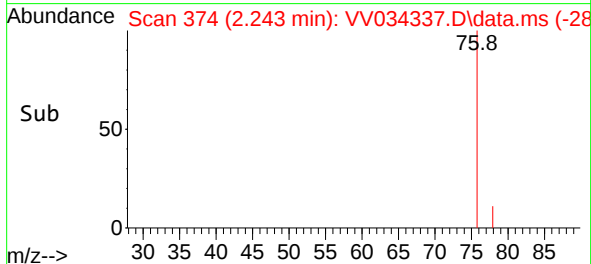
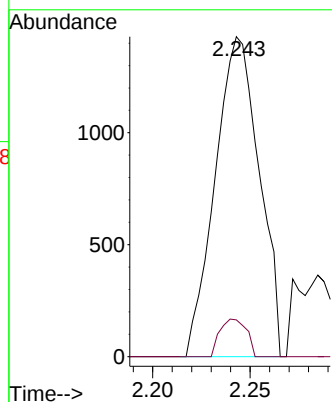
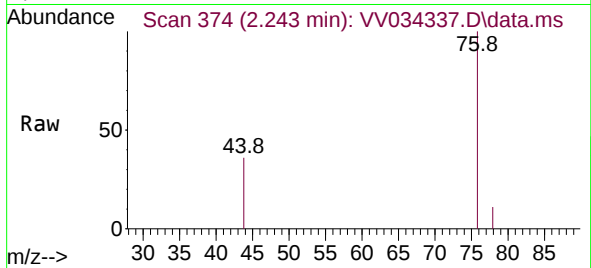




#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

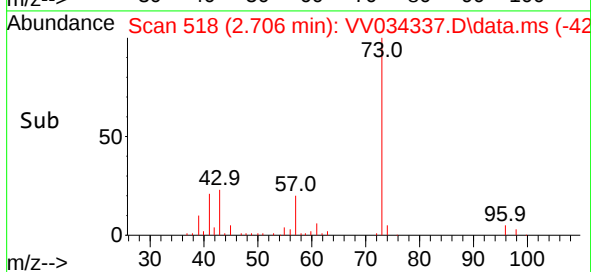
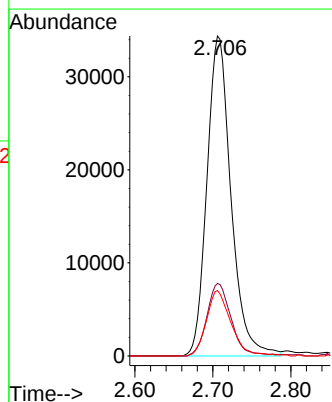
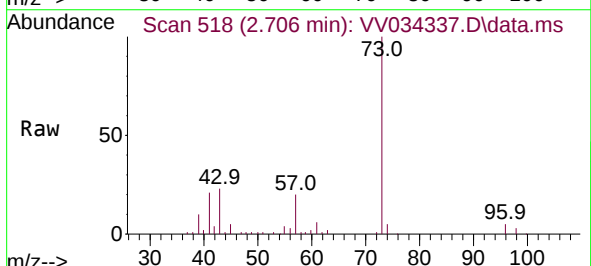
Instrument :
MSVOA_V
ClientSampleId :

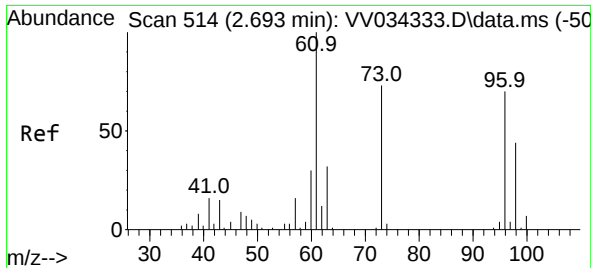
Tgt Ion: 76 Resp: 2251
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#



#17
Methyl tert-butyl Ether
Concen: 7.158 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

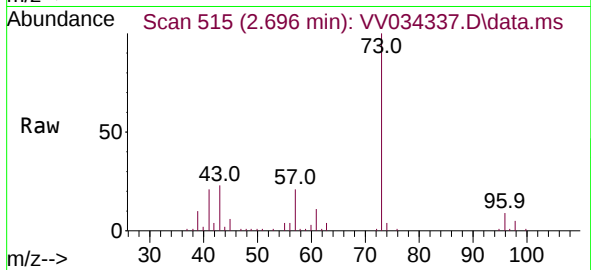
Tgt Ion: 73 Resp: 73861
Ion Ratio Lower Upper
73 100
43 23.1 17.7 26.5
57 20.8 17.9 26.9



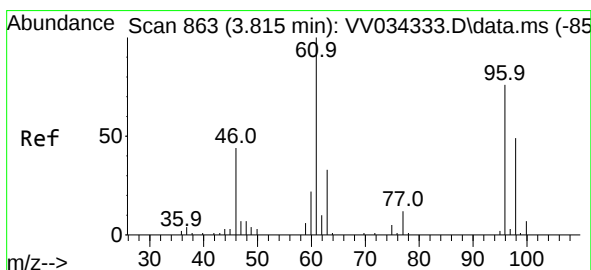
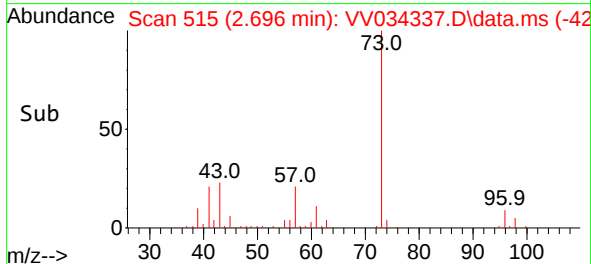
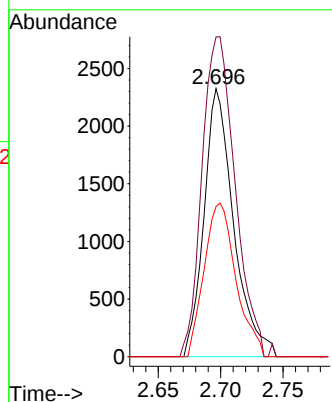


#18
trans-1,2-Dichloroethene
Concen: 0.753 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

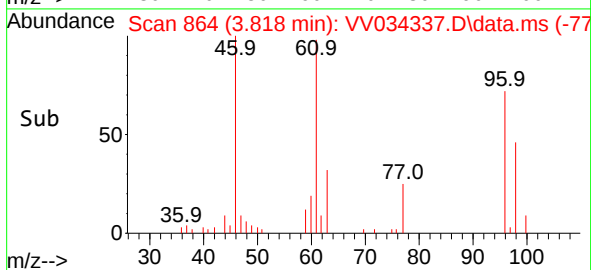
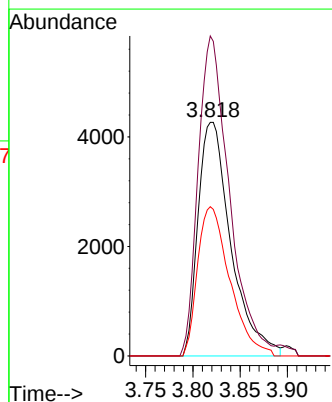
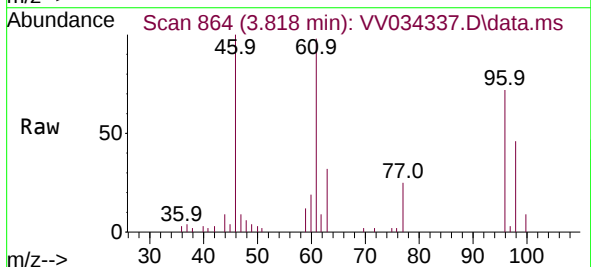


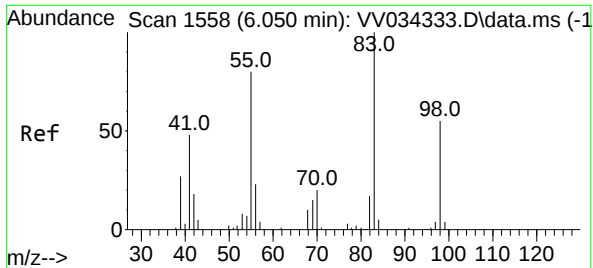
Tgt Ion: 96 Resp: 3854
Ion Ratio Lower Upper
96 100
61 119.3 97.6 181.4
98 56.1 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 1.776 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

Tgt Ion: 96 Resp: 10307
Ion Ratio Lower Upper
96 100
61 137.0 90.3 167.7
98 63.9 43.2 80.2

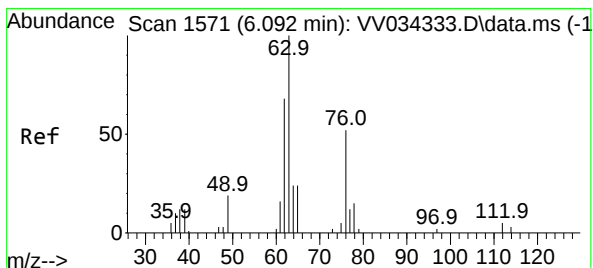
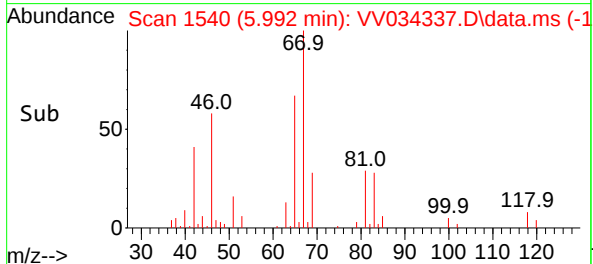
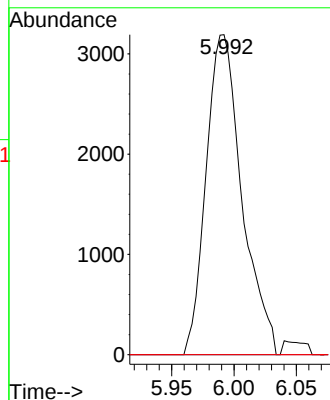
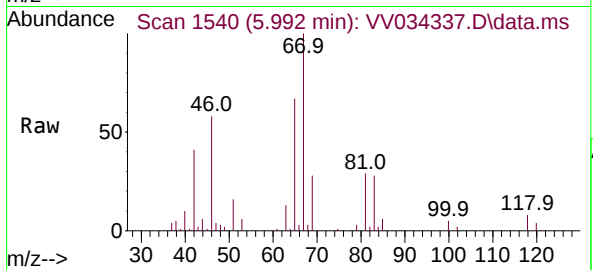




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

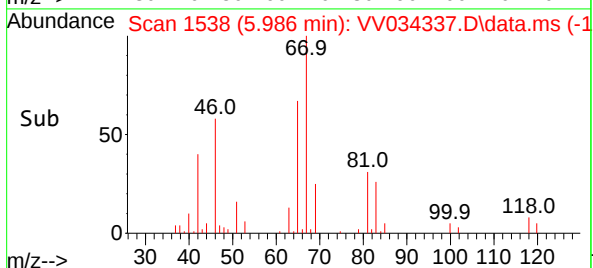
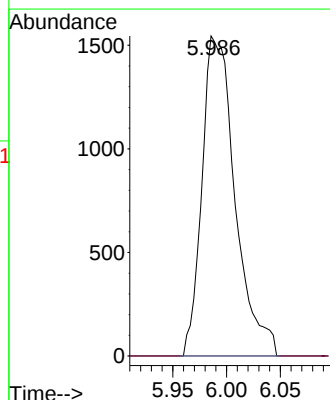
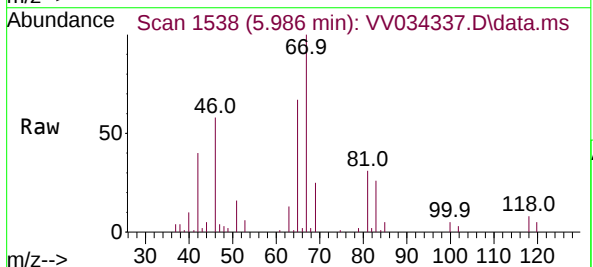
Instrument :
MSVOA_V
ClientSampleId :

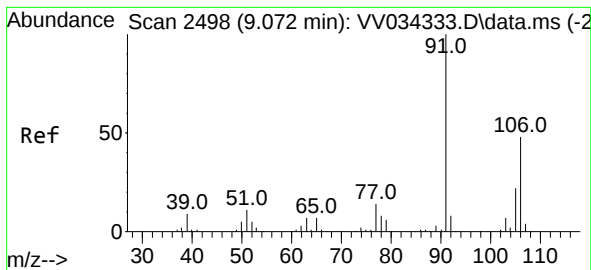
Tgt Ion: 83 Resp: 6390
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.106 min
Lab File: VV034337.D
Acq: 22 Feb 2024 11:11

Tgt Ion: 63 Resp: 3307
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#53

m,p-Xylene

Concen: 0.113 ug/L

RT: 9.085 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV034337.D

Acq: 22 Feb 2024 11:11

Instrument :

MSVOA_V

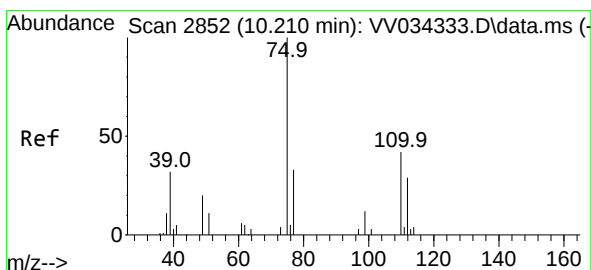
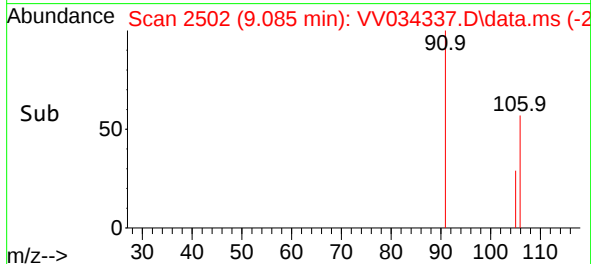
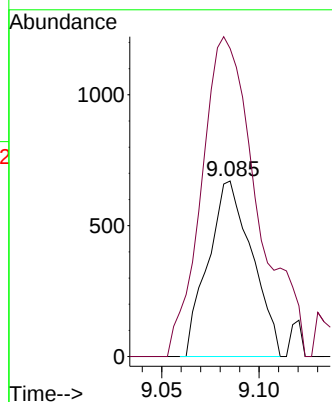
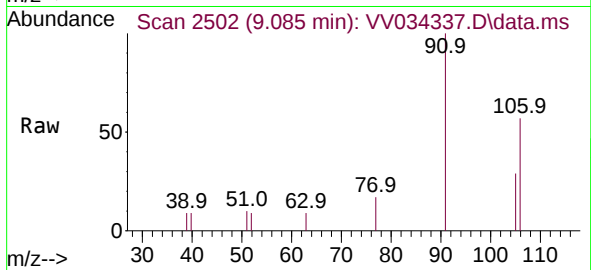
ClientSampleId :

Tgt Ion:106 Resp: 1050

Ion Ratio Lower Upper

106 100

91 175.4 147.5 273.9



#61

1,2,3-Trichloropropane

Concen: 1.728 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034337.D

Acq: 22 Feb 2024 11:11

Tgt Ion: 75 Resp: 3999

Ion Ratio Lower Upper

75 100

77 38.9 26.9 40.3

110 2.7 33.3 49.9#

