

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022424\
 Data File : VW034393.D
 Acq On : 24 Feb 2024 13:48
 Operator : SY/MD
 Sample : P1511-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 26 00:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73931	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31820	5.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.536	69	25312	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.060	65	14203	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.812	46	45740	45.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.200%
24) Chloroform-d	4.252	84	55236	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	4.947	65	26931	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.963	84	103627	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.992	67	29533	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.246	98	94793	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.564	79	7047	3.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.200%
46) 2-Hexanone-d5	8.027	63	39660	47.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19305	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	33888	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	1167	0.157	ug/L #	1
8) Chloroethane	1.307	64	200311	39.424	ug/L #	51
13) Acetone	2.137	43	7381	9.593	ug/L #	39
14) Carbon disulfide	2.243	76	6242	0.354	ug/L	96
15) Methyl Acetate	2.137	43	7381	4.053	ug/L #	53
16) Methylene chloride	2.449	84	1197	0.229	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	54298	4.852	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	6161	1.110	ug/L	88
22) cis-1,2-Dichloroethene	3.815	96	41855	6.649	ug/L	98
34) Trichloroethene	5.831	95	137476	21.422	ug/L	99
35) Methylcyclohexane	5.992	83	7322	0.727	ug/L #	23
37) 1,2-Dichloropropane	5.989	63	3952	0.736	ug/L #	87
42) Toluene	7.326	91	11652	0.492	ug/L	99
52) Ethylbenzene	8.956	91	2029	0.074	ug/L	96
53) m,p-Xylene	9.082	106	1525	0.148	ug/L	99
54) o-Xylene	9.484	106	1065	0.107	ug/L	73
61) 1,2,3-Trichloropropane	11.188	75	4687	1.784	ug/L #	61
63) 1,2,4-Trimethylbenzene	10.857	105	7298	0.314	ug/L	99

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QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration

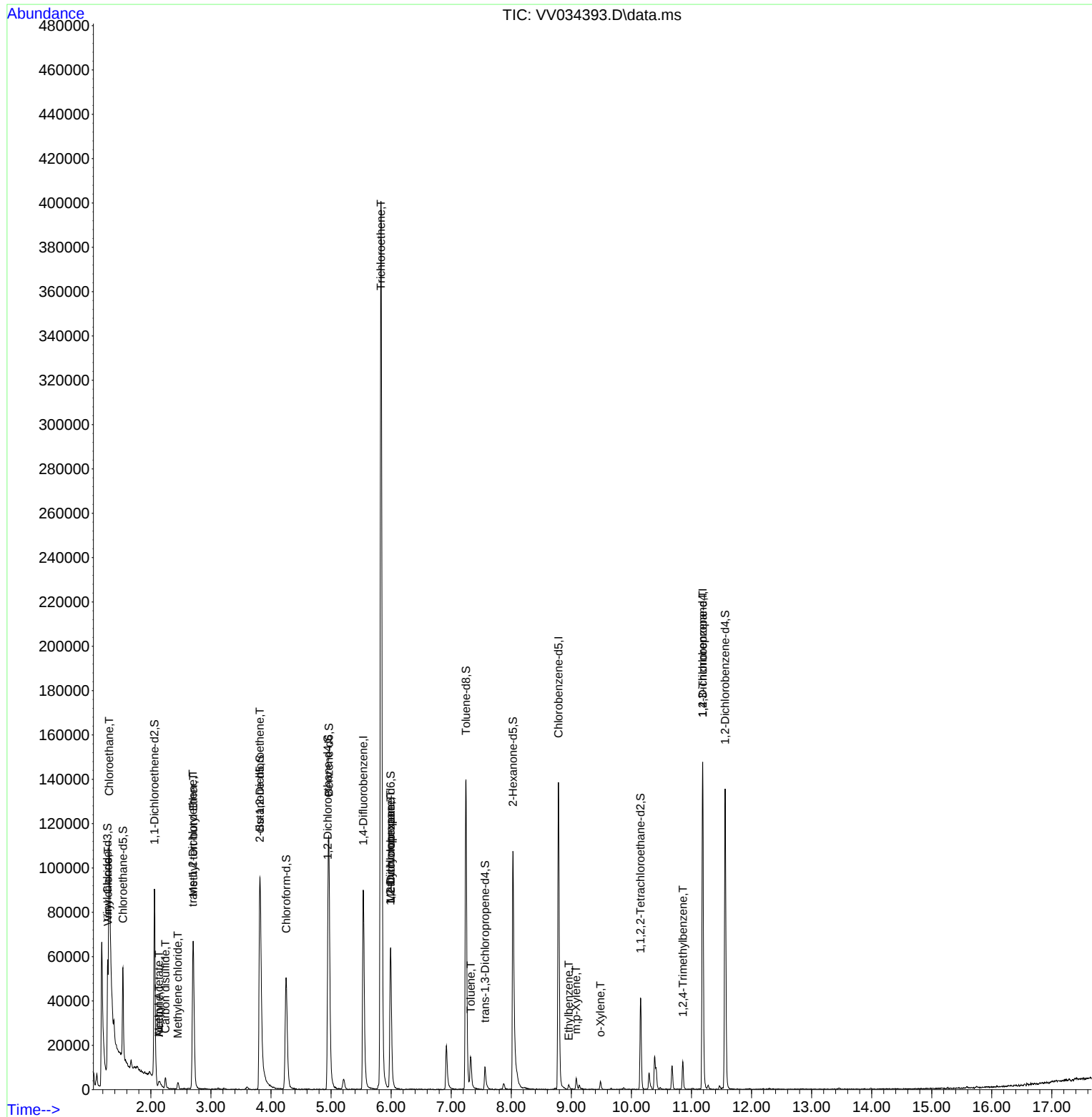
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

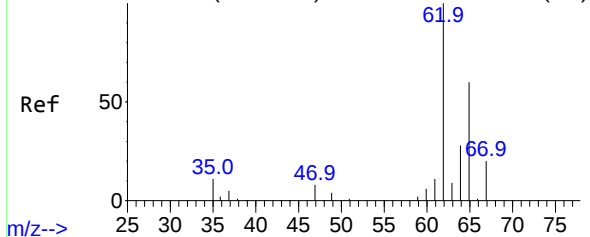
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Abundance Scan 76 (1.285 min): VV034387.D\data.ms (-68)



#5

Vinyl chloride

Concen: 0.157 ug/L

RT: 1.285 min Scan# 7

Delta R.T. -0.000 min

Lab File: VV034393.D

Acq: 24 Feb 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

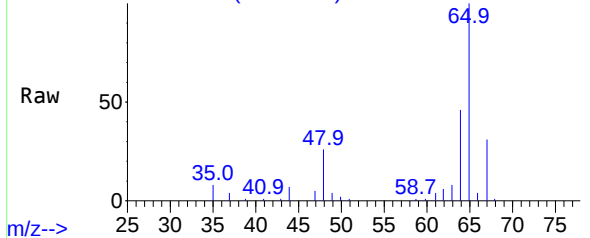
Tgt Ion: 62 Resp: 1167

Ion Ratio Lower Upper

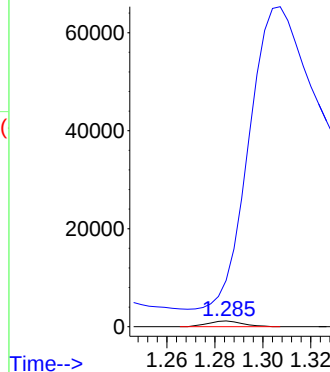
62 100

64 794.5 27.2 50.4#

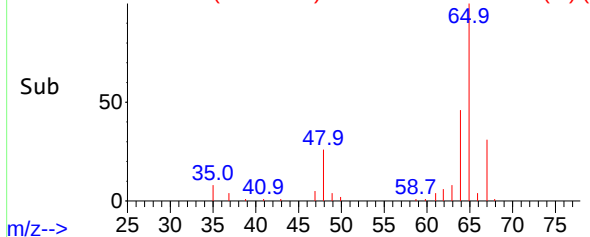
Abundance Scan 76 (1.285 min): VV034393.D\data.ms



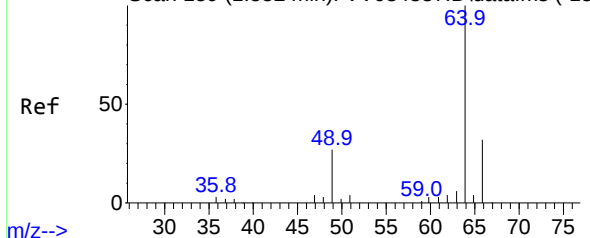
Abundance



Abundance Scan 76 (1.285 min): VV034393.D\data.ms (-1)



Abundance Scan 159 (1.552 min): VV034387.D\data.ms (-15)



#8

Chloroethane

Concen: 39.424 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.244 min

Lab File: VV034393.D

Acq: 24 Feb 2024 13:48

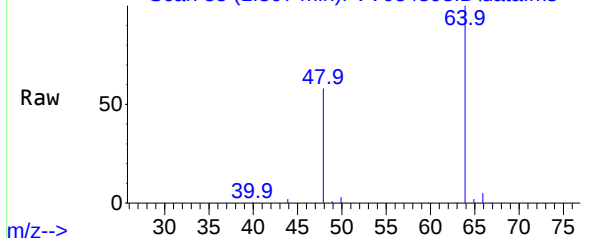
Tgt Ion: 64 Resp: 200311

Ion Ratio Lower Upper

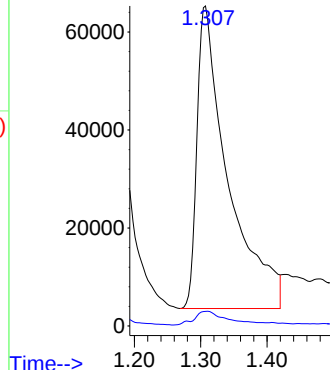
64 100

66 4.6 22.0 41.0#

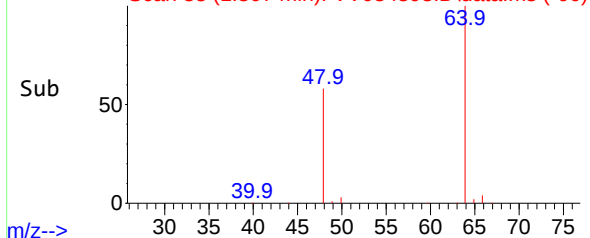
Abundance Scan 83 (1.307 min): VV034393.D\data.ms

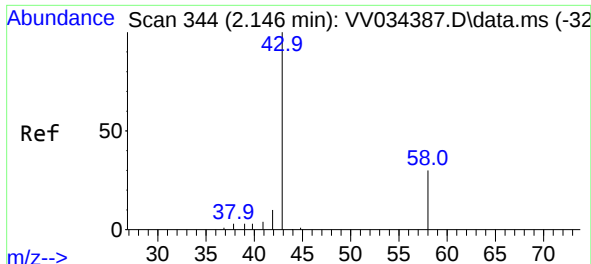


Abundance



Abundance Scan 83 (1.307 min): VV034393.D\data.ms (-66)





#13

Acetone

Concen: 9.593 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV034393.D

Acq: 24 Feb 2024 13:48

Instrument :

MSVOA_V

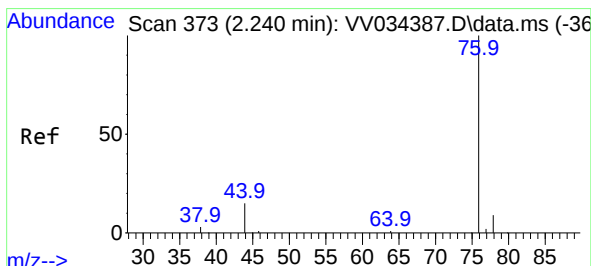
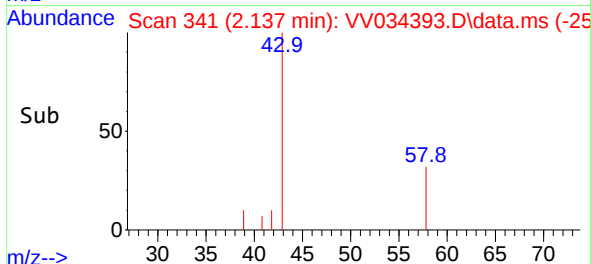
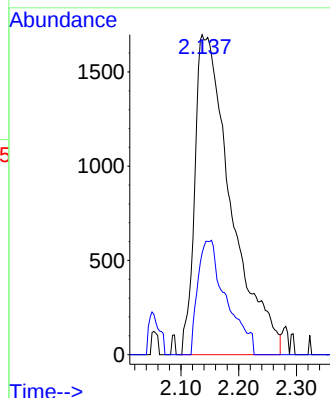
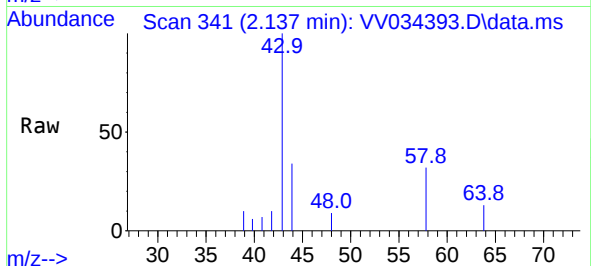
ClientSampleId :

Tgt Ion: 43 Resp: 7381

Ion Ratio Lower Upper

43 100

58 28.0 0.0 13.8#



#14

Carbon disulfide

Concen: 0.354 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034393.D

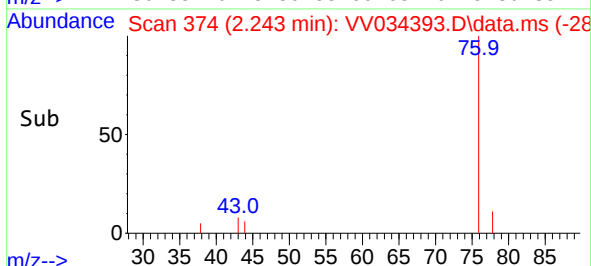
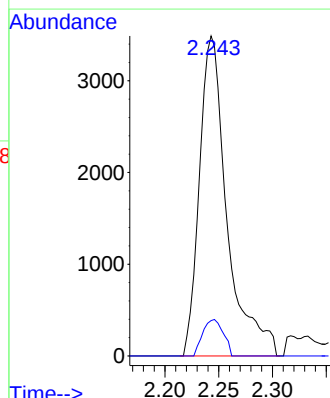
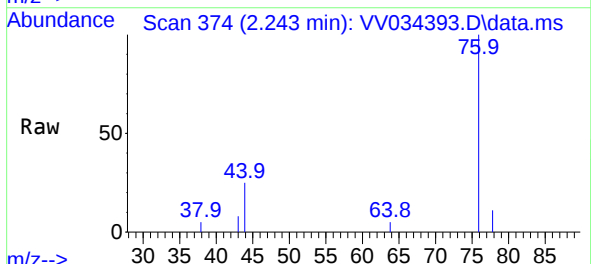
Acq: 24 Feb 2024 13:48

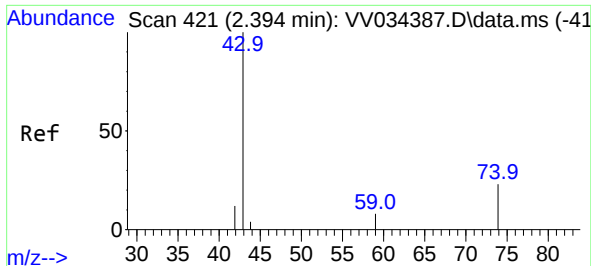
Tgt Ion: 76 Resp: 6242

Ion Ratio Lower Upper

76 100

78 11.0 7.5 11.3

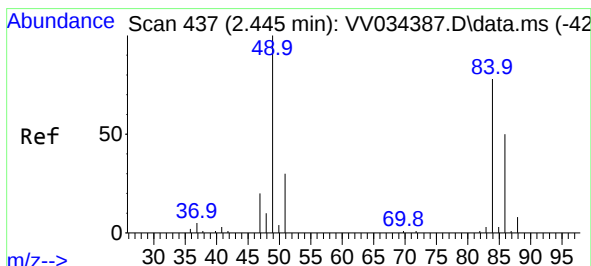
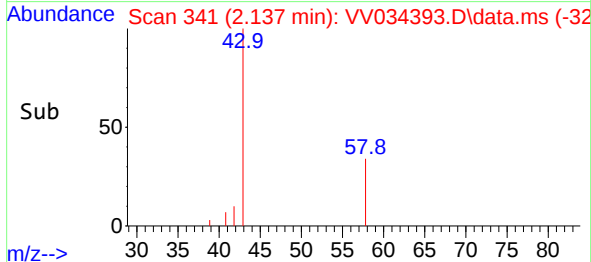
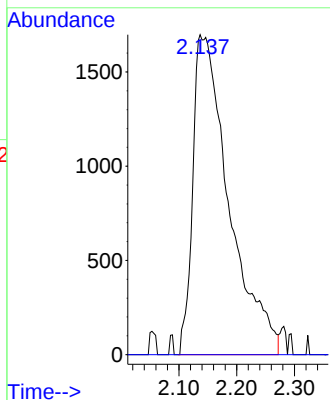
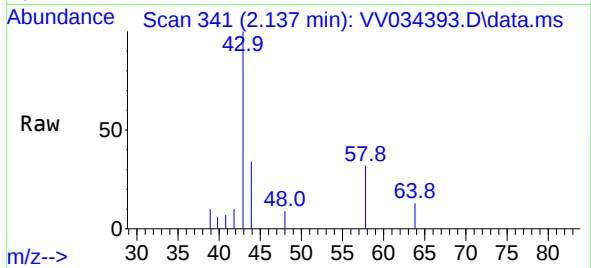




#15
Methyl Acetate
Concen: 4.053 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.248 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

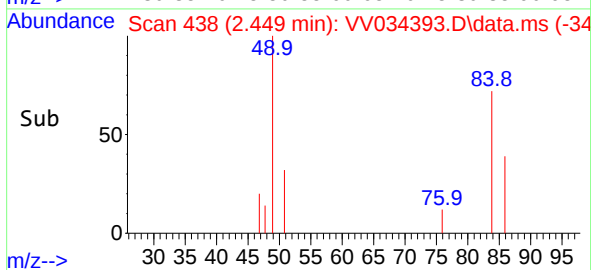
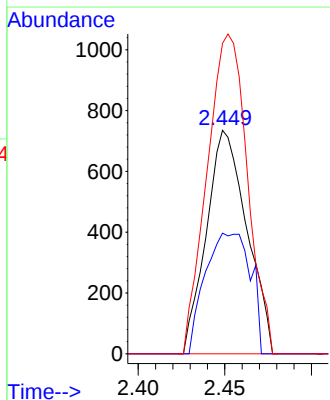
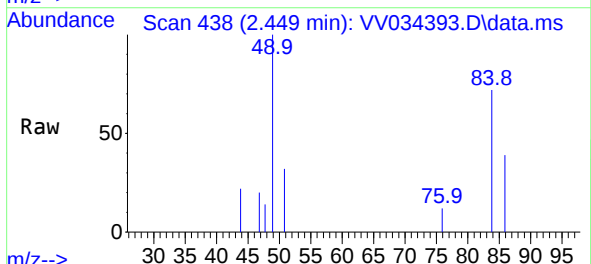
Instrument :
MSVOA_V
ClientSampleId :

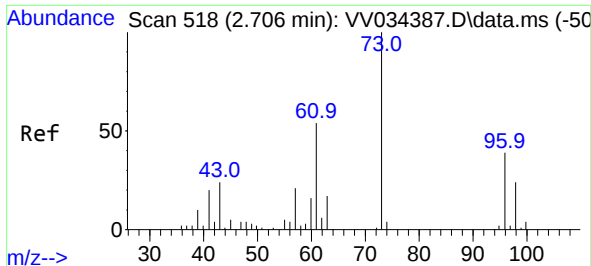
Tgt Ion: 43 Resp: 7381
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.229 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

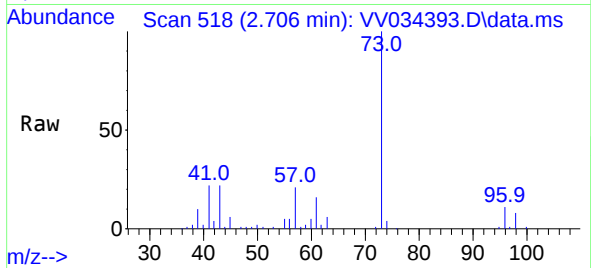
Tgt Ion: 84 Resp: 1197
Ion Ratio Lower Upper
84 100
86 54.0 44.7 83.1
49 138.9 93.7 173.9



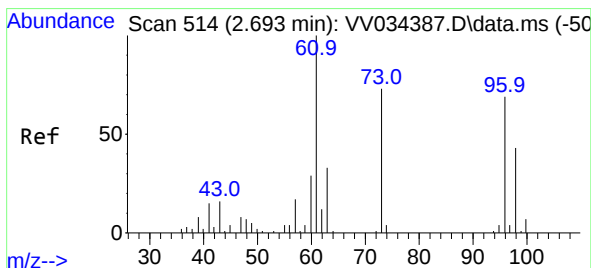
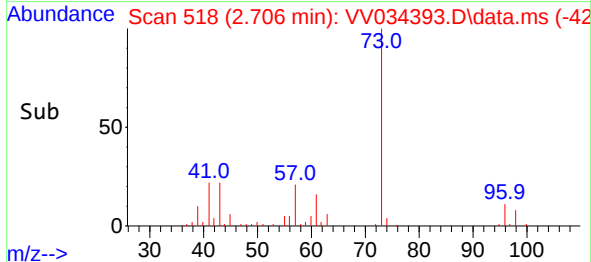
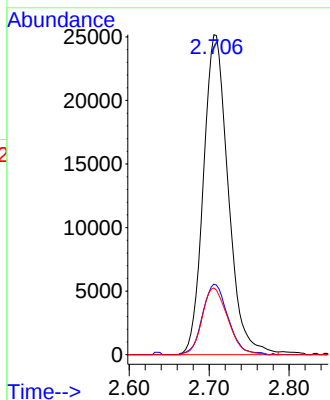


#17
Methyl tert-butyl Ether
Concen: 4.852 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

Instrument :
MSVOA_V
ClientSampleId :

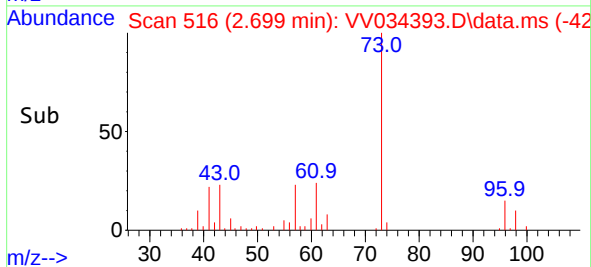
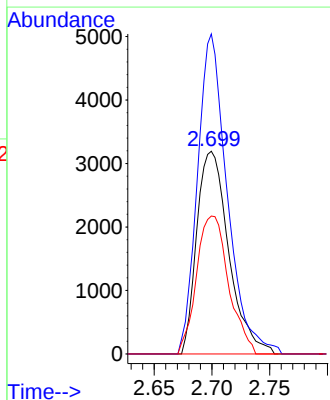
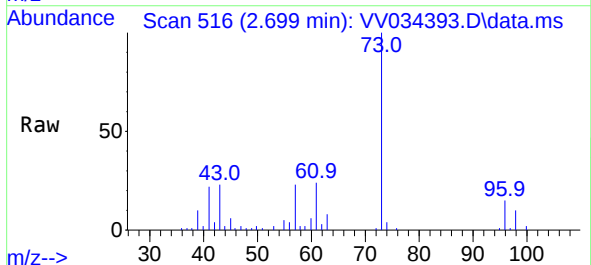


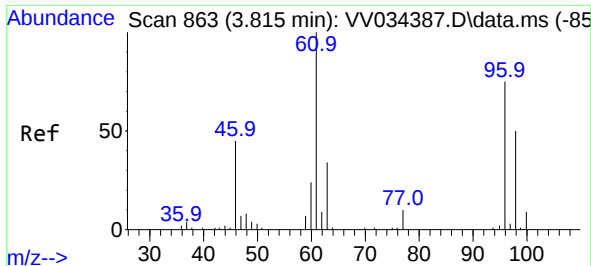
Tgt Ion: 73	Resp: 54298
Ion Ratio	Lower Upper
73 100	
43 22.8	17.7 26.5
57 21.6	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 1.110 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

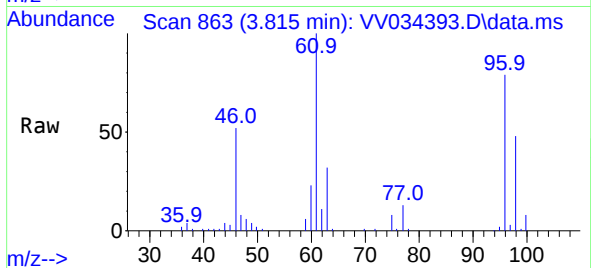
Tgt Ion: 96	Resp: 6161		
Ion Ratio	Lower	Upper	
96 100			
61 157.9	97.6	181.4	
98 68.1	44.4	82.5	



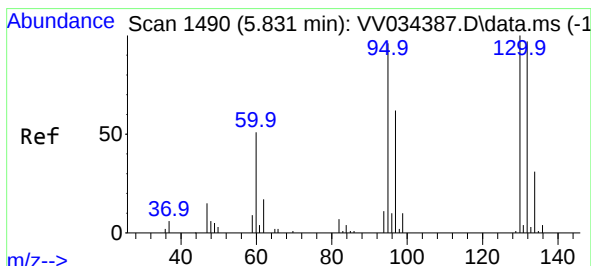
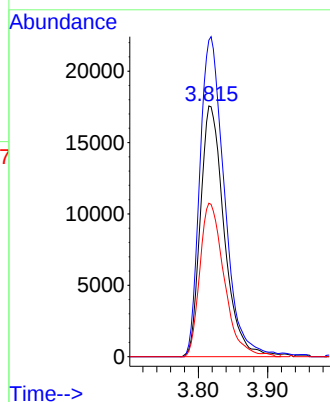
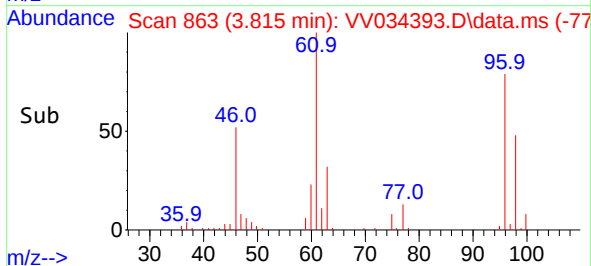


#22
cis-1,2-Dichloroethene
Concen: 6.649 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

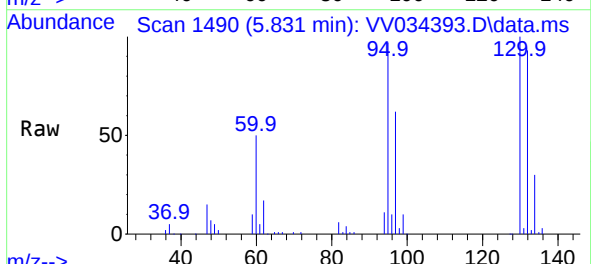
Instrument :
MSVOA_V
ClientSampleId :



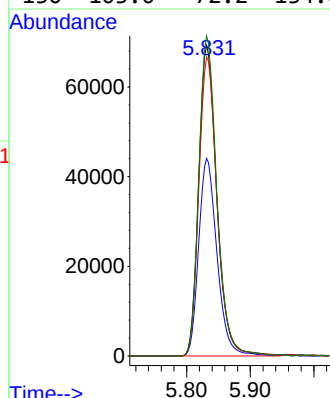
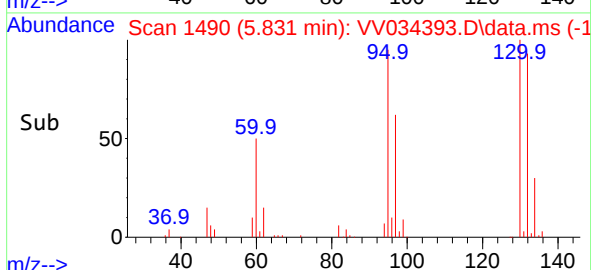
Tgt Ion: 96 Resp: 41855
Ion Ratio Lower Upper
96 100
61 126.2 90.3 167.7
98 61.2 43.2 80.2

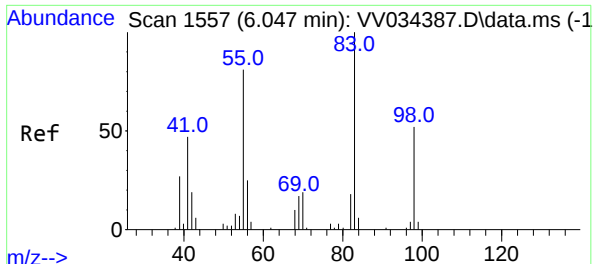


#34
Trichloroethene
Concen: 21.422 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48



Tgt Ion: 95 Resp: 137476
Ion Ratio Lower Upper
95 100
97 63.6 45.1 83.7
132 96.2 66.0 122.6
130 103.0 72.2 134.0





#35

Methylcyclohexane

Concen: 0.727 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034393.D

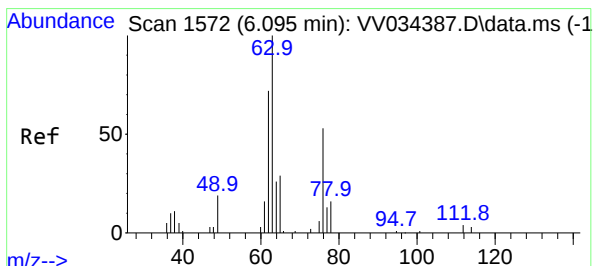
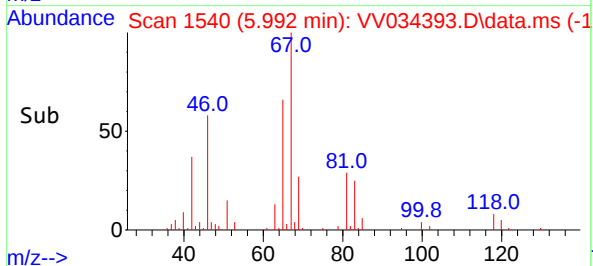
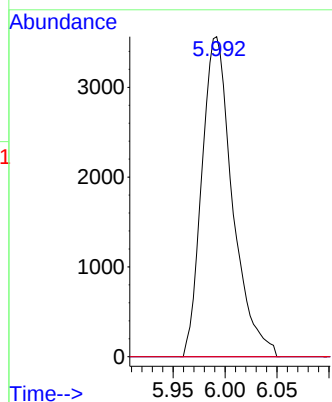
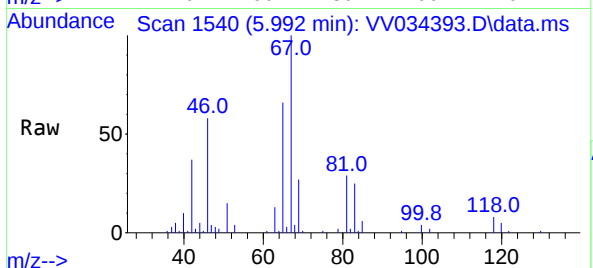
Acq: 24 Feb 2024 13:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	7322
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.5	95.3#
98	10.8	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.736 ug/L

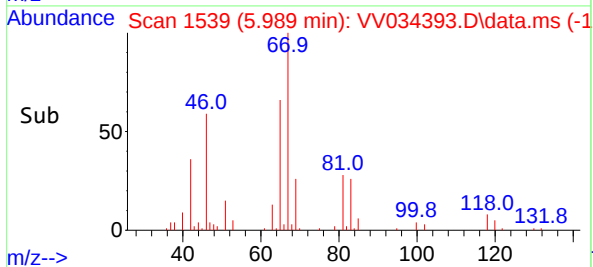
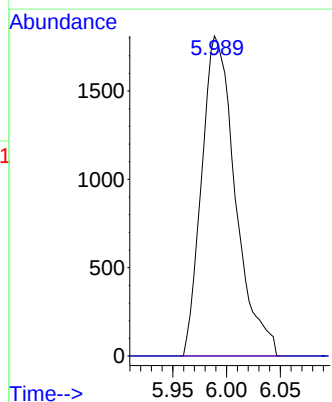
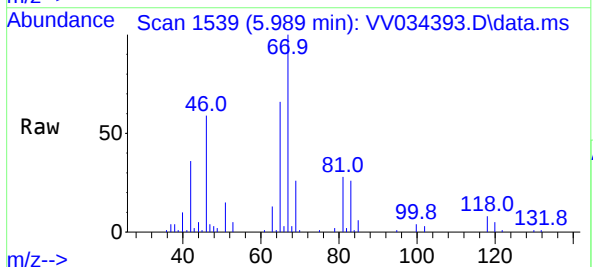
RT: 5.989 min Scan# 1539

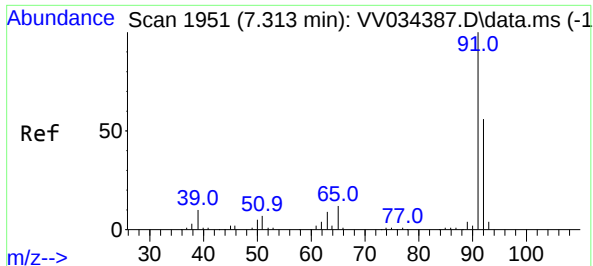
Delta R.T. -0.103 min

Lab File: VV034393.D

Acq: 24 Feb 2024 13:48

Tgt Ion:	63	Resp:	3952
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#42

Toluene

Concen: 0.492 ug/L

RT: 7.326 min Scan# 11652

Delta R.T. 0.013 min

Lab File: VV034393.D

Acq: 24 Feb 2024 13:48

Instrument :

MSVOA_V

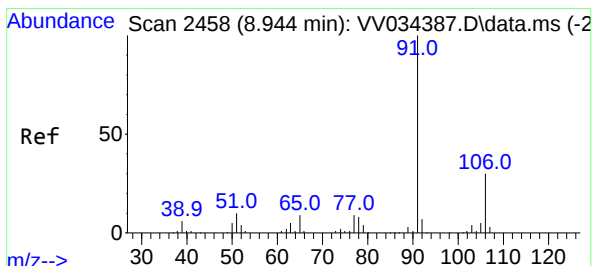
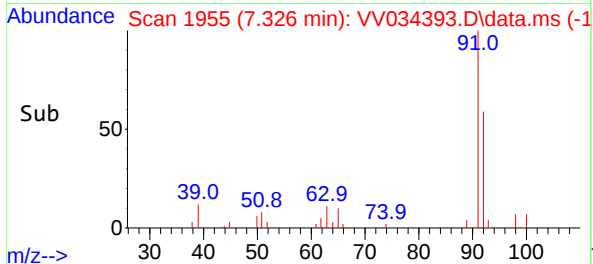
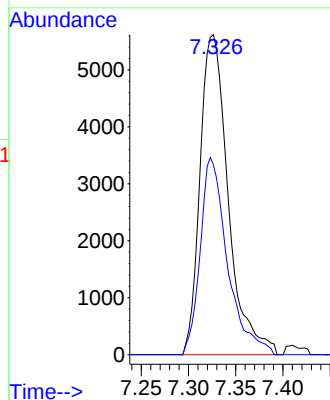
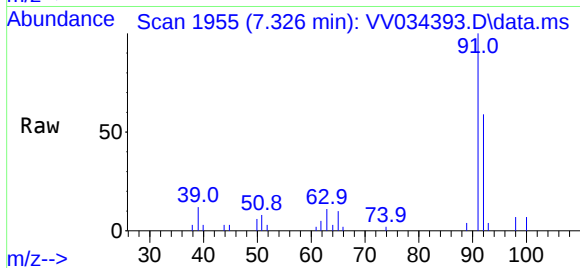
ClientSampleId :

Tgt Ion: 91 Resp: 11652

Ion Ratio Lower Upper

91 100

92 59.4 42.1 78.3



#52

Ethylbenzene

Concen: 0.074 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV034393.D

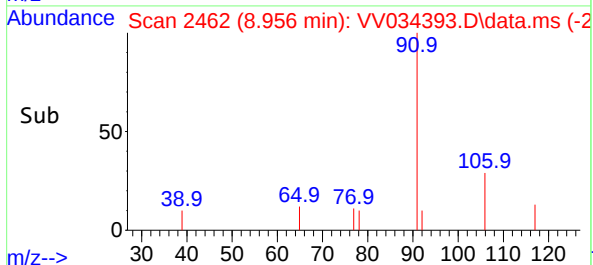
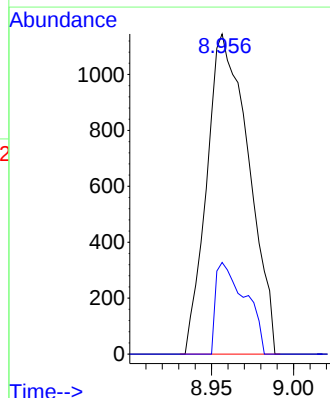
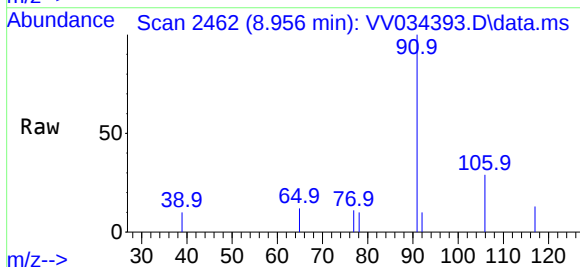
Acq: 24 Feb 2024 13:48

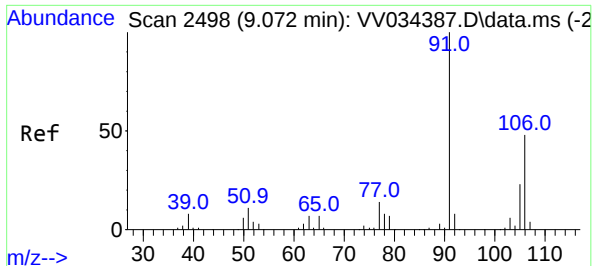
Tgt Ion: 91 Resp: 2029

Ion Ratio Lower Upper

91 100

106 28.6 21.4 39.8

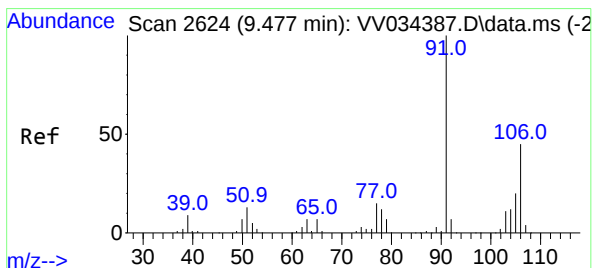
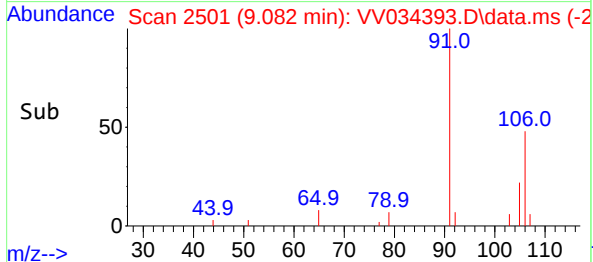
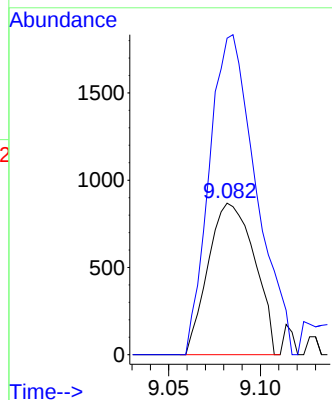
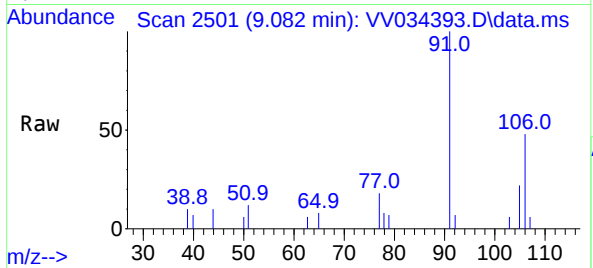




#53
m,p-Xylene
Concen: 0.148 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

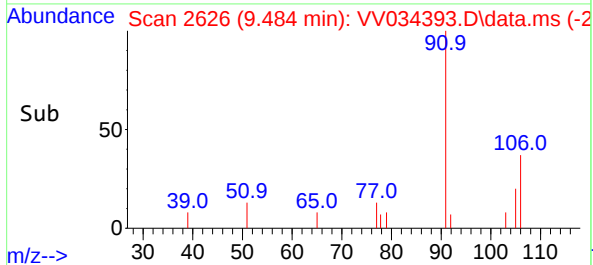
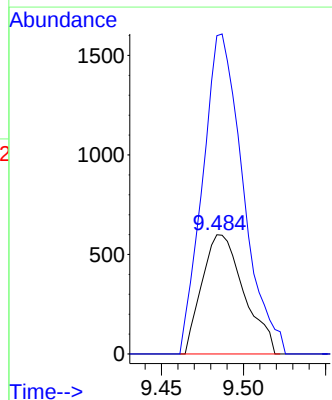
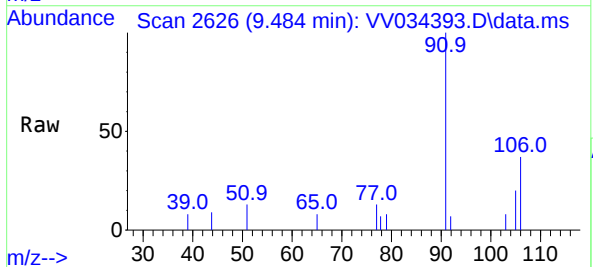
Instrument :
MSVOA_V
ClientSampleId :

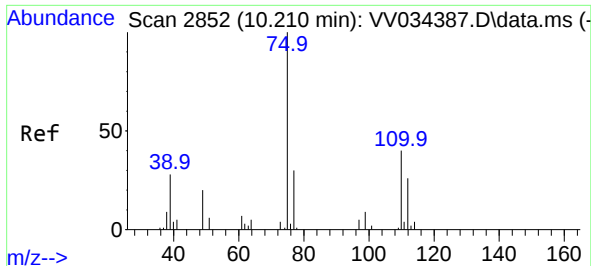
Tgt Ion:106 Resp: 1525
Ion Ratio Lower Upper
106 100
91 209.0 147.5 273.9



#54
o-Xylene
Concen: 0.107 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

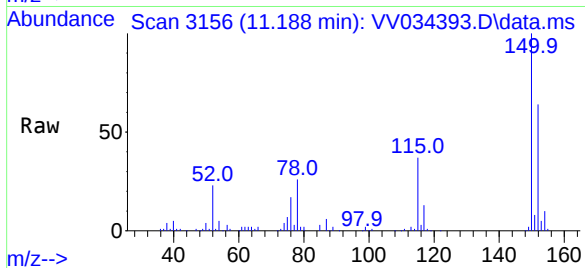
Tgt Ion:106 Resp: 1065
Ion Ratio Lower Upper
106 100
91 266.9 156.2 290.0



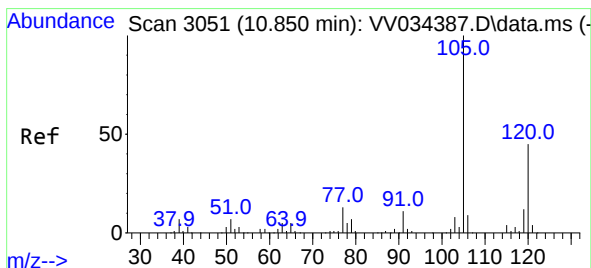
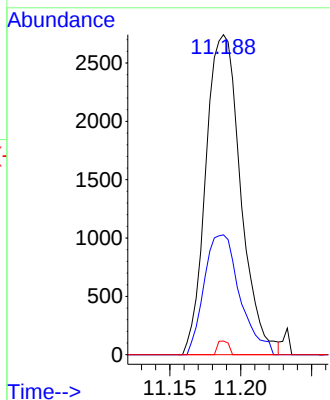
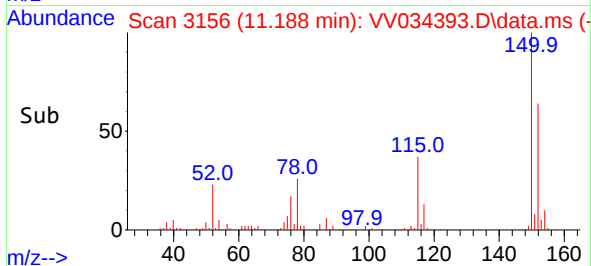


#61
1,2,3-Trichloropropane
Concen: 1.784 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48

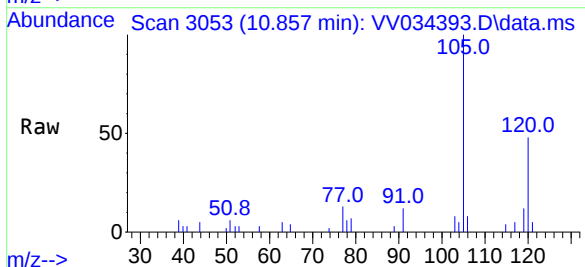
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4687
Ion Ratio Lower Upper
75 100
77 38.4 26.9 40.3
110 1.4 33.3 49.9#



#63
1,2,4-Trimethylbenzene
Concen: 0.314 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV034393.D
Acq: 24 Feb 2024 13:48



Tgt Ion: 105 Resp: 7298
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.2

