

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024792.D
 Acq On : 22 Feb 2022 13:06
 Operator : SY/MD
 Sample : N1623-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:06:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	158210	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45840	3.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.568	69	41953	3.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.108	63	62075	2.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.400%#
20) 2-Butanone-d5	3.889	46	95763	49.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.920%
24) Chloroform-d	4.346	84	86855	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.031	65	40700	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.047	84	177454	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	56456	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.313	98	146271	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.622	79	15765	3.930	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.085	63	74596	47.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34105	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	49180	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1179	0.096	ug/L #	1
13) Acetone	2.182	43	7304	5.403	ug/L	94
15) Methyl Acetate	2.182	43	6464	1.827	ug/L #	49
22) cis-1,2-Dichloroethene	3.912	96	2624	0.206	ug/L	96
25) Chloroform	4.375	83	1849	0.080	ug/L	81
34) Trichloroethene	5.912	95	80990	6.366	ug/L	95
35) Methylcyclohexane	6.069	83	13466	0.655	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	5850	0.516	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1071	0.068	ug/L #	53
42) Toluene	7.394	91	16359	0.320	ug/L	97
47) Tetrachloroethene	7.979	164	1685	0.194	ug/L	97
49) Dibromochloromethane	7.976	129	1696	0.207	ug/L #	11
52) Ethylbenzene	9.018	91	3106	0.056	ug/L	98
53) m,p-xylene	9.140	106	5235	0.248	ug/L	92
54) o-xylene	9.548	106	3322	0.161	ug/L	99
60) Isopropylbenzene	10.452	105	7644	0.145	ug/L	92
61) 1,2,3-Trichloropropane	11.246	75	8435	1.457	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.538	105	2692	0.061	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	10490	0.240	ug/L	99

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QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration

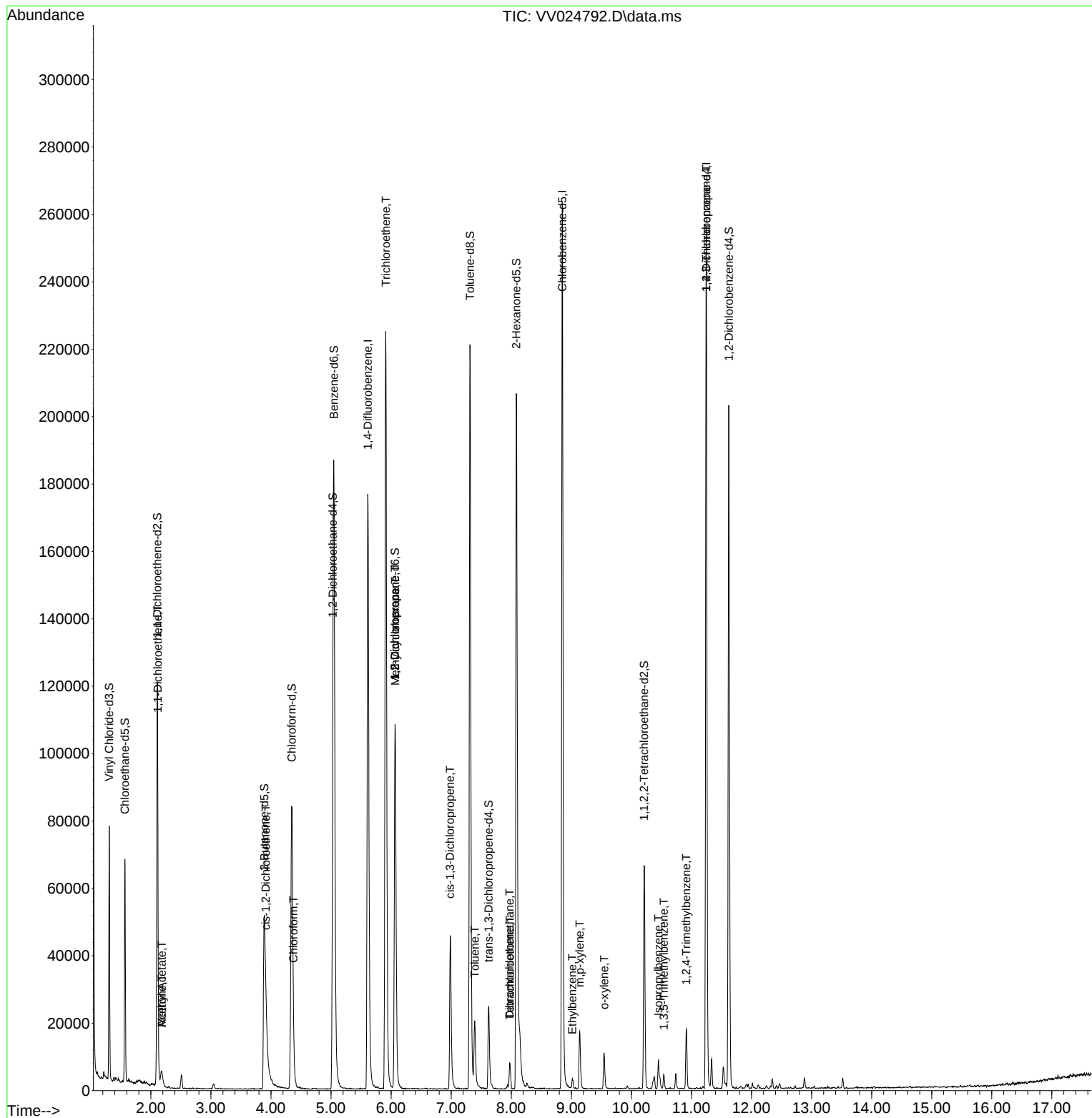
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

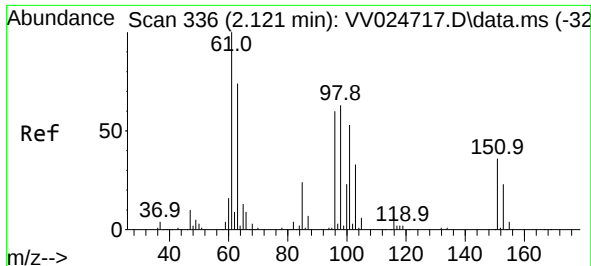
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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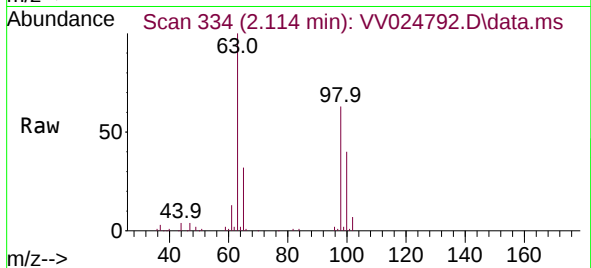
Quant Time: Feb 23 01:06:35 2022
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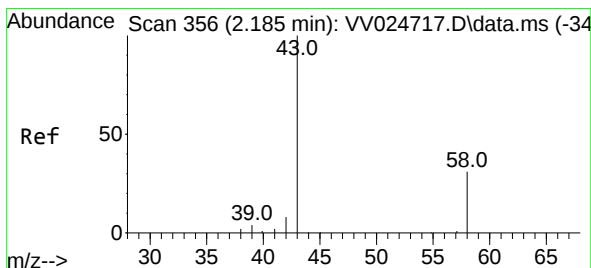
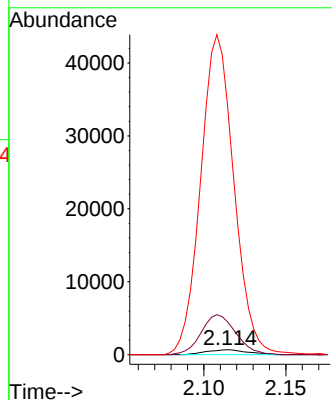
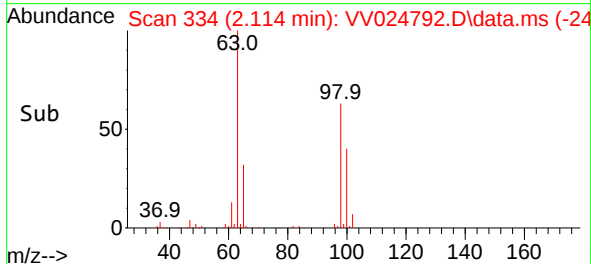


#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Instrument :
MSVOA_V
ClientSampleId :

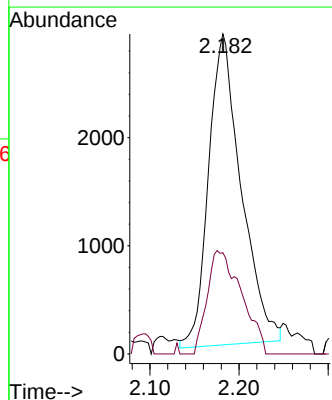
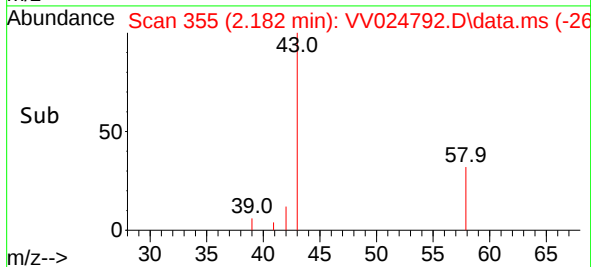
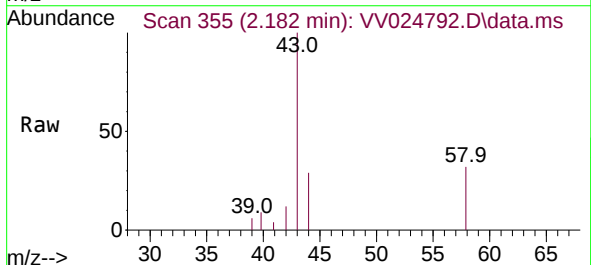


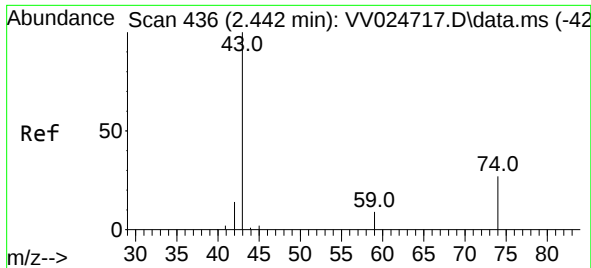
Tgt Ion: 96 Resp: 1179
Ion Ratio Lower Upper
96 100
61 668.8 116.3 216.1#
63 5092.3 86.0 159.6#



#13
Acetone
Concen: 5.403 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion: 43 Resp: 7304
Ion Ratio Lower Upper
43 100
58 34.9 0.0 63.6

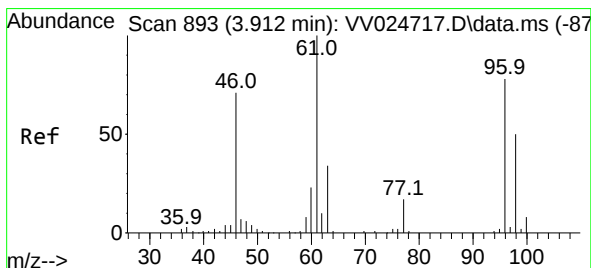
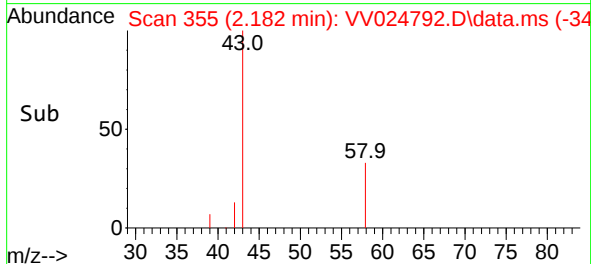
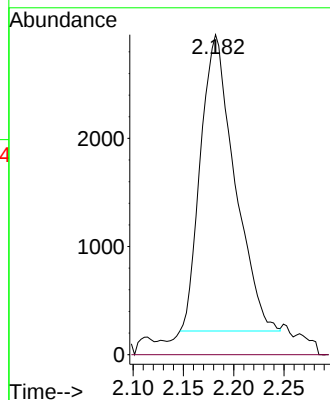
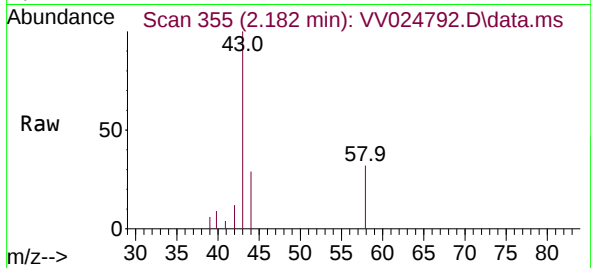




#15
Methyl Acetate
Concen: 1.827 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

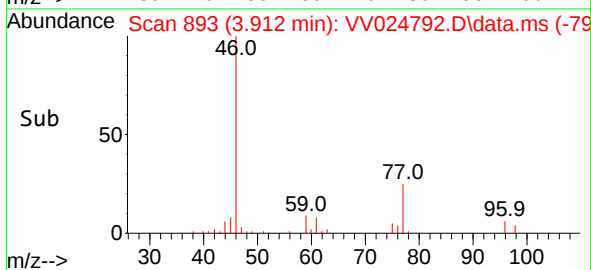
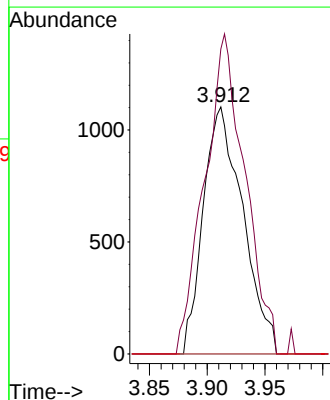
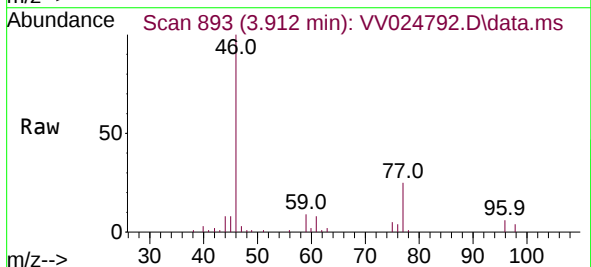
Instrument :
MSVOA_V
ClientSampleId :

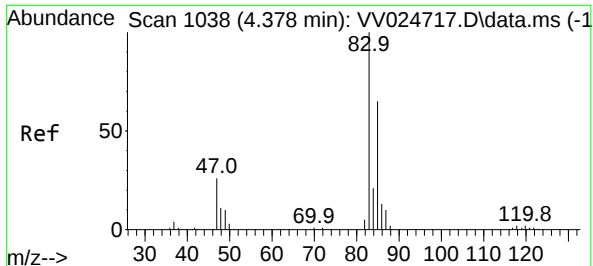
Tgt Ion: 43 Resp: 6464
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#22
cis-1,2-Dichloroethene
Concen: 0.206 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.007 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion: 96 Resp: 2624
Ion Ratio Lower Upper
96 100
61 123.5 89.7 166.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.080 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

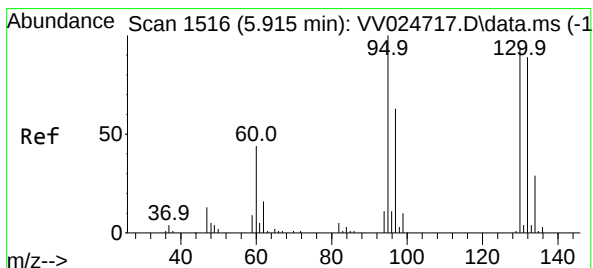
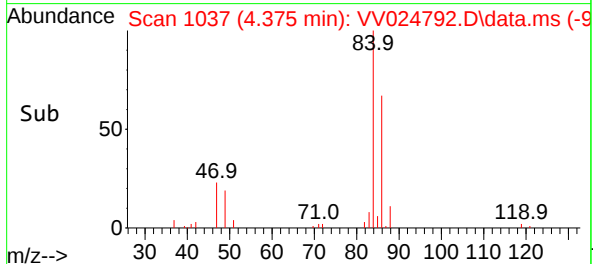
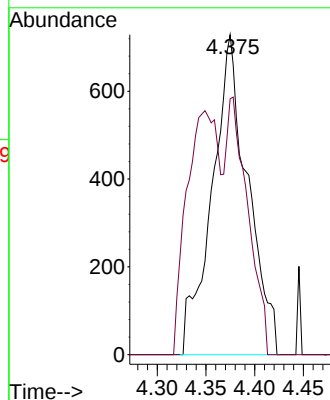
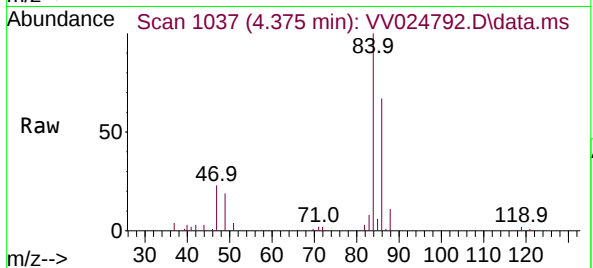
ClientSampleId :

Tgt Ion: 83 Resp: 1849

Ion Ratio Lower Upper

83 100

85 80.0 45.5 84.5



#34

Trichloroethene

Concen: 6.366 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Tgt Ion: 95 Resp: 80990

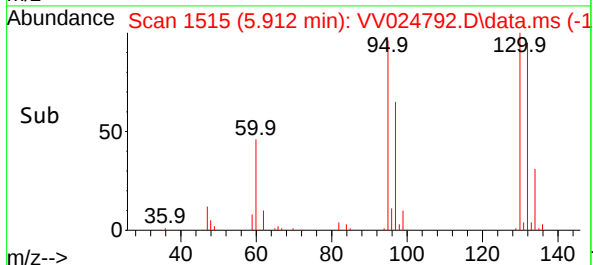
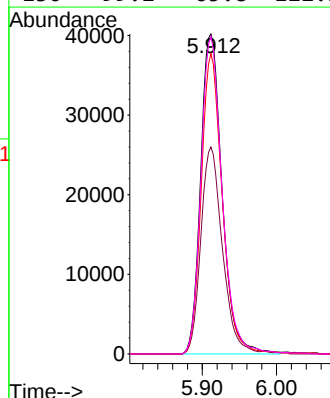
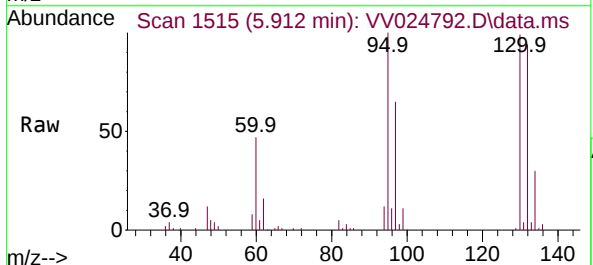
Ion Ratio Lower Upper

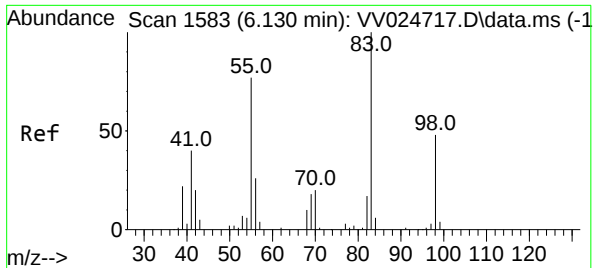
95 100

97 64.7 44.2 82.0

132 93.8 62.1 115.3

130 99.2 65.8 122.2

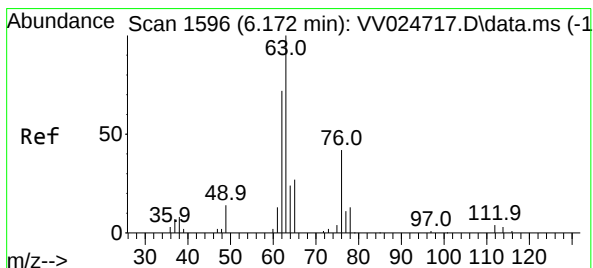
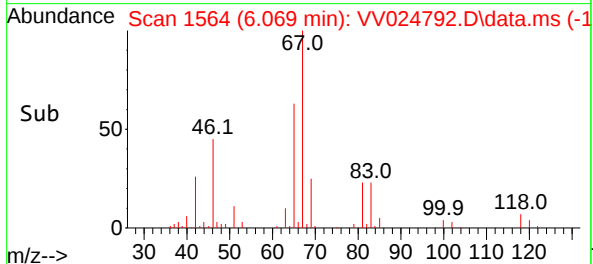
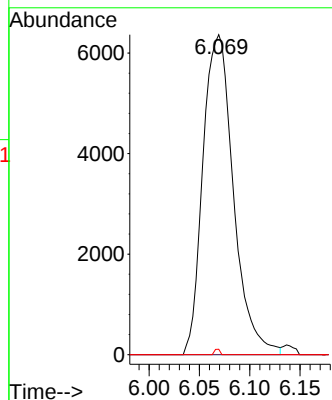
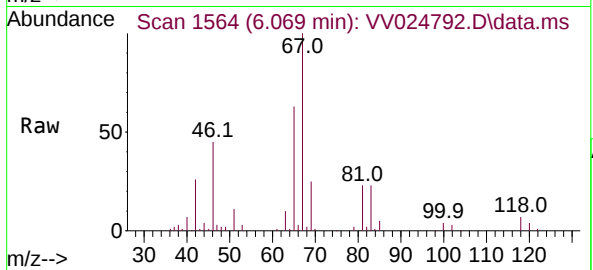




#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.069 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

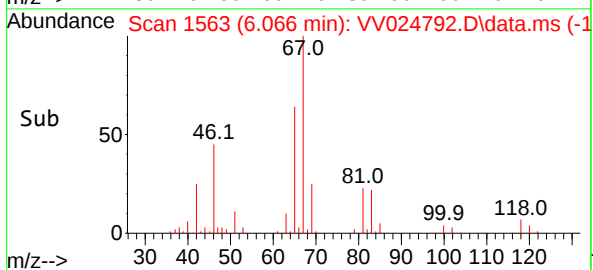
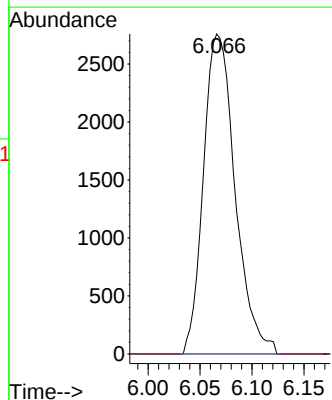
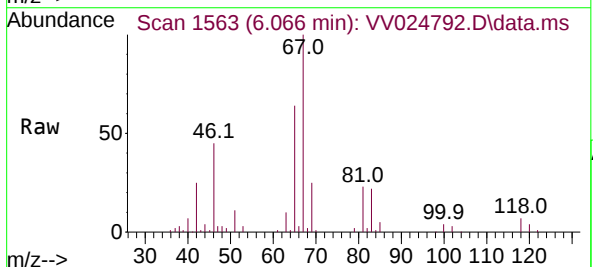
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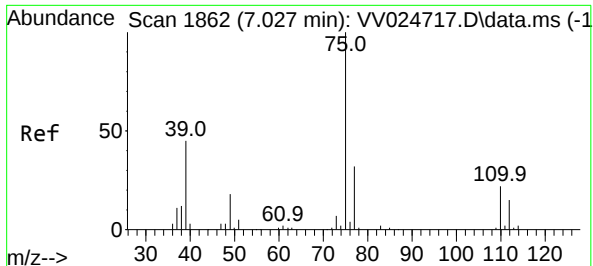
Tgt Ion: 83 Resp: 13466
Ion Ratio Lower Upper
83 100
55 0.0 58.8 88.2#
98 7.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion: 63 Resp: 5850
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

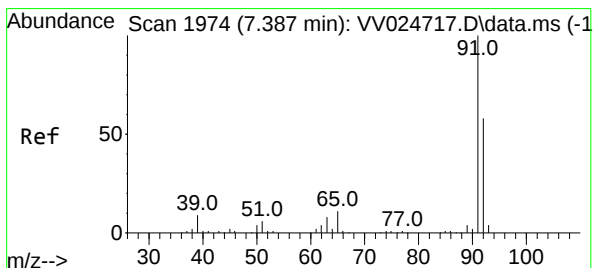
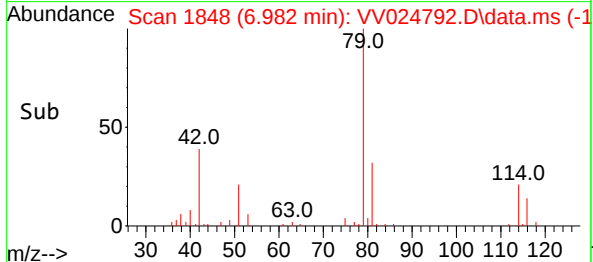
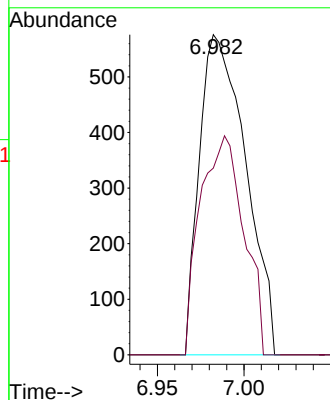
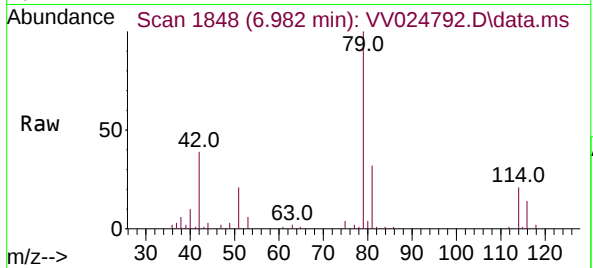
ClientSampleId :

Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 58.3 22.3 41.5#



#42

Toluene

Concen: 0.320 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV024792.D

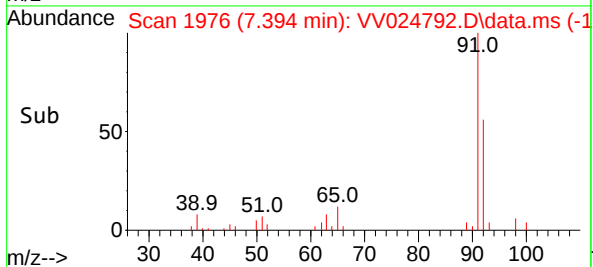
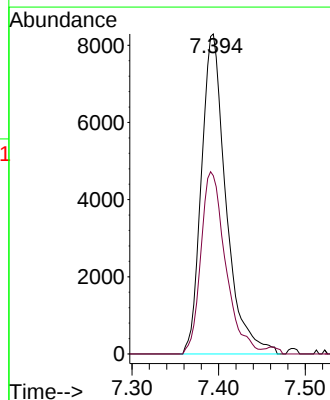
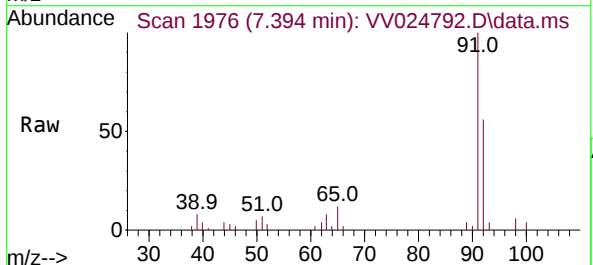
Acq: 22 Feb 2022 13:06

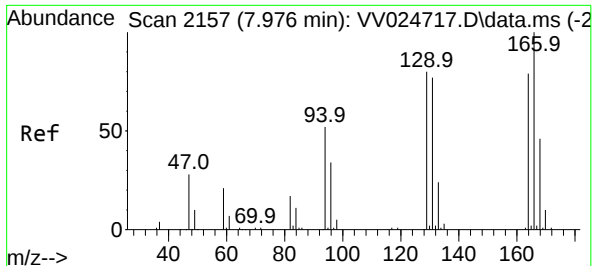
Tgt Ion: 91 Resp: 16359

Ion Ratio Lower Upper

91 100

92 55.7 40.3 74.9





#47

Tetrachloroethene

Concen: 0.194 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

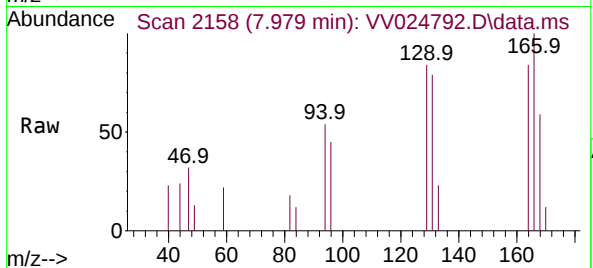
Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

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Tgt Ion:164 Resp: 1685

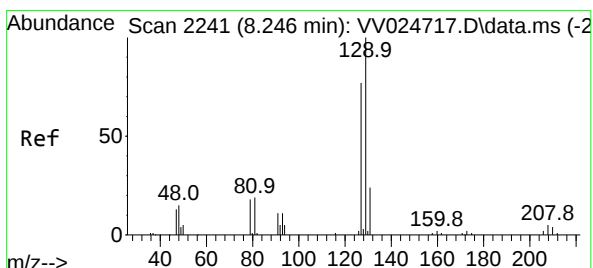
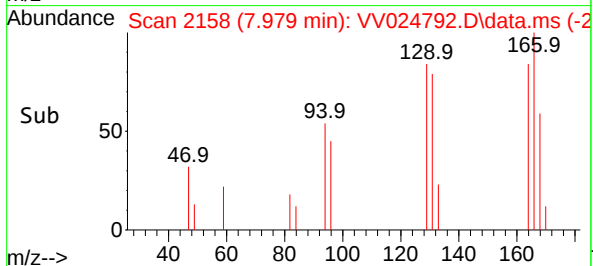
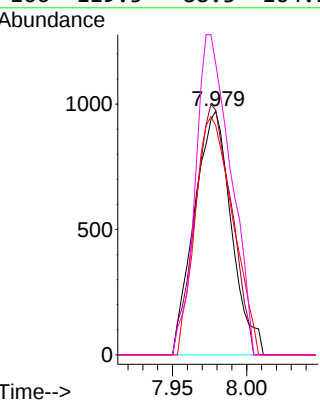
Ion Ratio Lower Upper

164 100

129 100.4 70.3 130.7

131 94.1 67.7 125.7

166 119.5 88.3 164.1



#49

Dibromochloromethane

Concen: 0.207 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024792.D

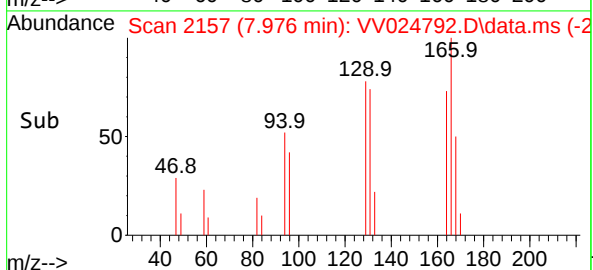
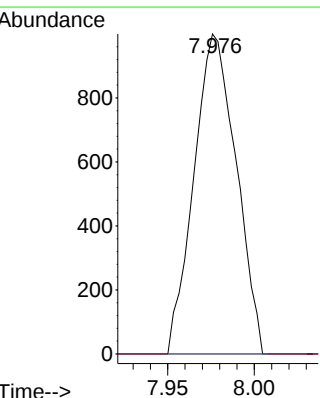
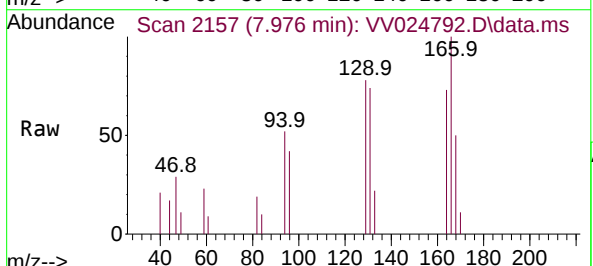
Acq: 22 Feb 2022 13:06

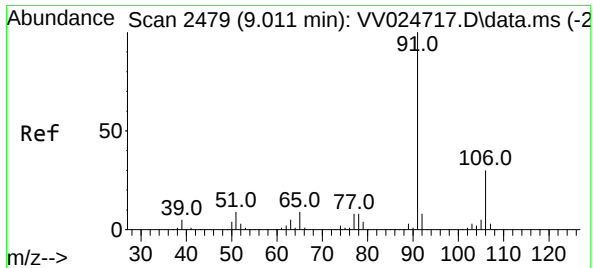
Tgt Ion:129 Resp: 1696

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#





#52

Ethylbenzene

Concen: 0.056 ug/L

RT: 9.018 min Scan# 2479

Delta R.T. 0.010 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

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MSVOA_V

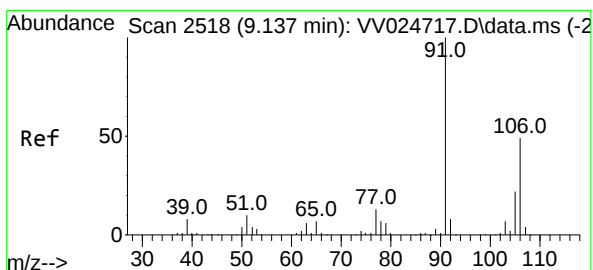
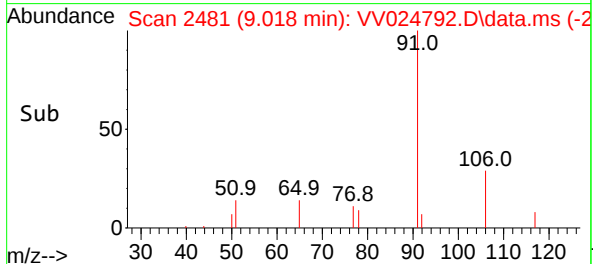
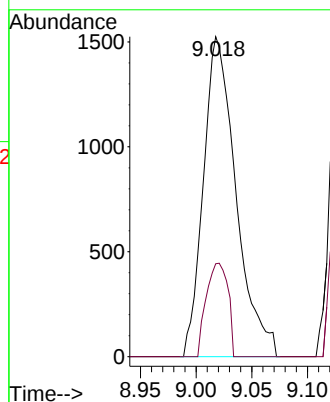
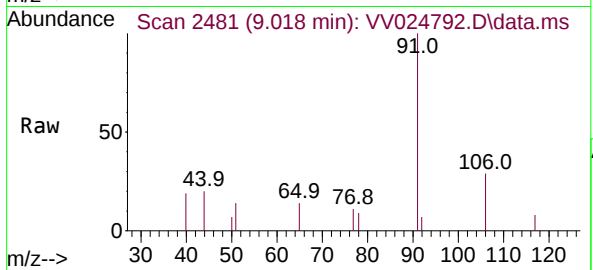
ClientSampleId :

Tgt Ion: 91 Resp: 3106

Ion Ratio Lower Upper

91 100

106 29.0 21.3 39.5



#53

m,p-xylene

Concen: 0.248 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.007 min

Lab File: VV024792.D

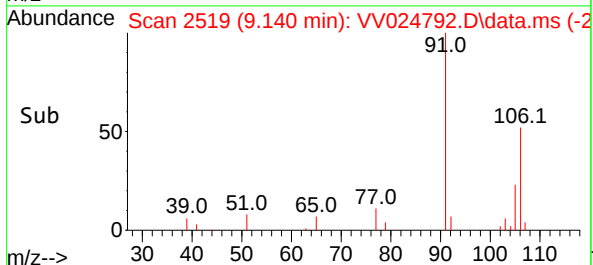
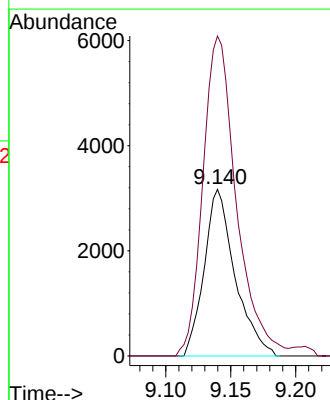
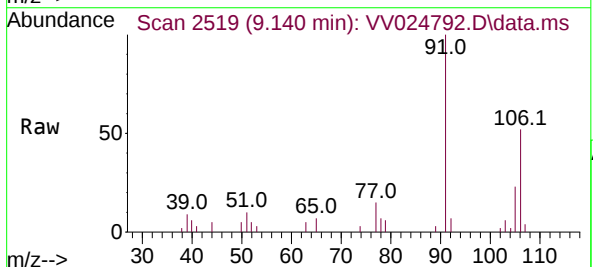
Acq: 22 Feb 2022 13:06

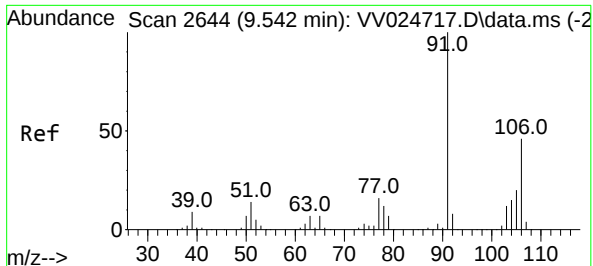
Tgt Ion:106 Resp: 5235

Ion Ratio Lower Upper

106 100

91 192.1 143.6 266.6

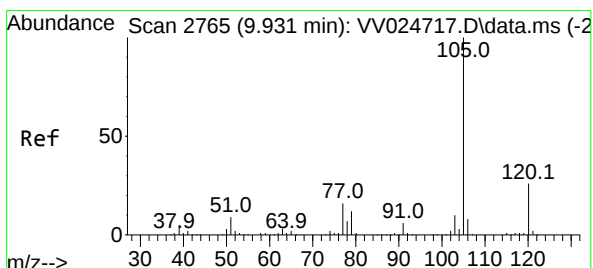
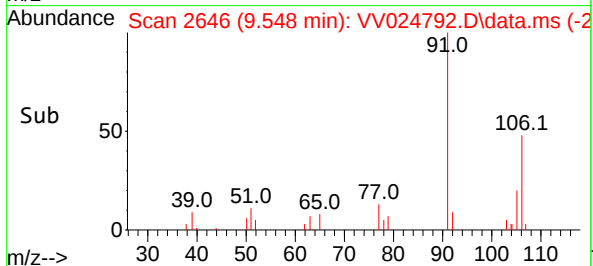
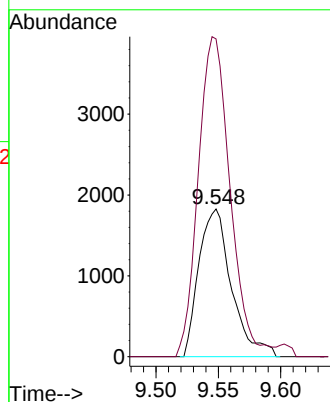
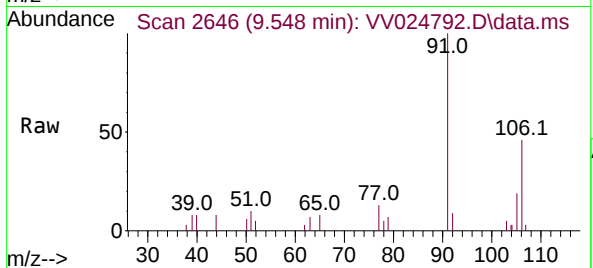




#54
o-xylene
Concen: 0.161 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

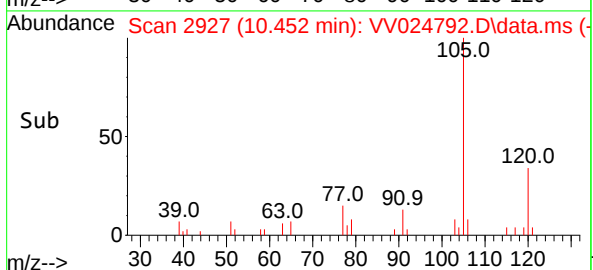
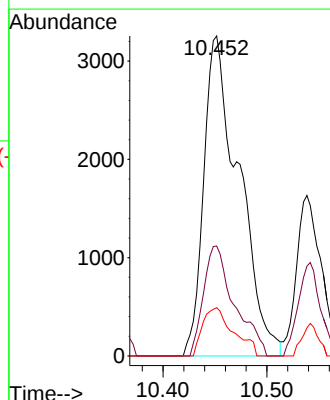
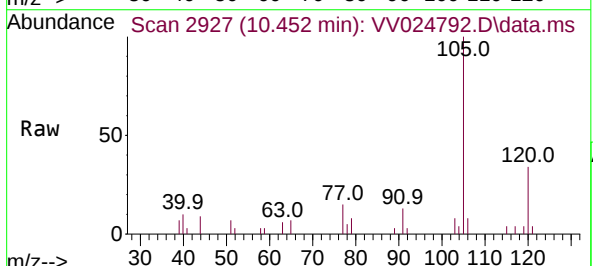
Instrument :
MSVOA_V
ClientSampleId :

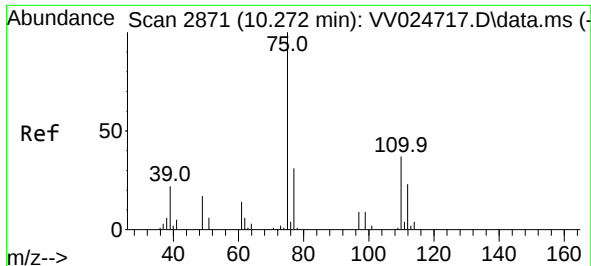
Tgt Ion:106 Resp: 3322
Ion Ratio Lower Upper
106 100
91 215.2 152.2 282.7



#60
Isopropylbenzene
Concen: 0.145 ug/L
RT: 10.452 min Scan# 2927
Delta R.T. 0.524 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion:105 Resp: 7644
Ion Ratio Lower Upper
105 100
120 30.4 20.7 31.1
77 13.1 12.7 19.1

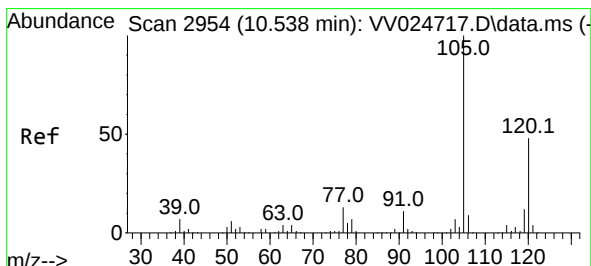
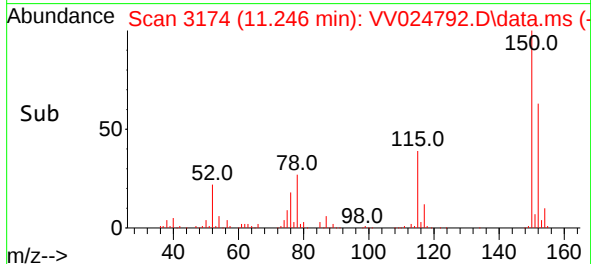
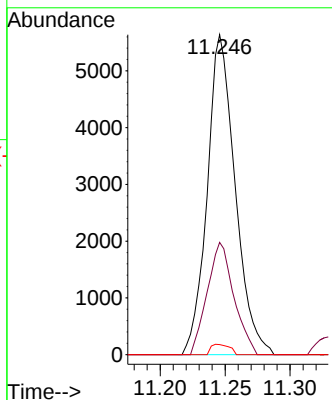
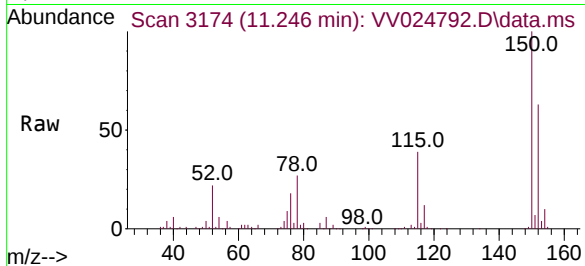




#61
1,2,3-Trichloropropane
Concen: 1.457 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.978 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

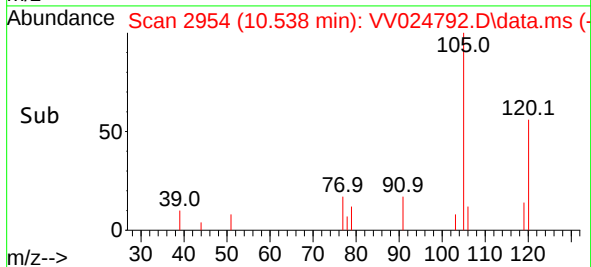
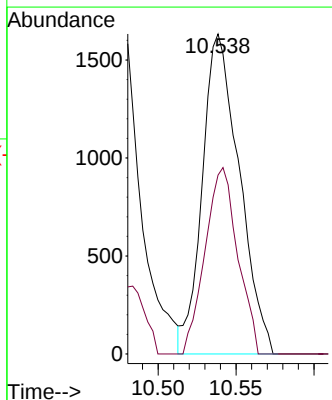
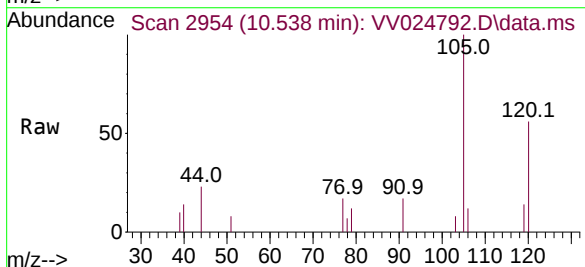
Instrument :
MSVOA_V
ClientSampleId :

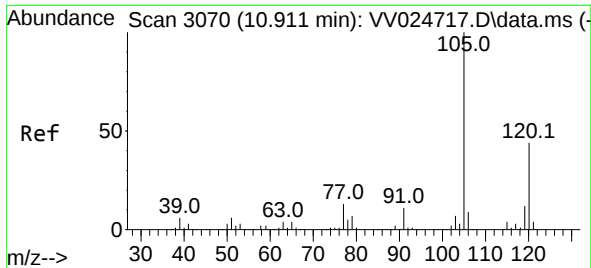
Tgt Ion: 75 Resp: 8435
Ion Ratio Lower Upper
75 100
77 33.4 26.3 39.5
110 2.1 30.3 45.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.061 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion: 105 Resp: 2692
Ion Ratio Lower Upper
105 100
120 51.3 38.6 57.8





#63

1,2,4-Trimethylbenzene

Concen: 0.240 ug/L

RT: 10.915 min Scan# 30

Delta R.T. 0.003 min

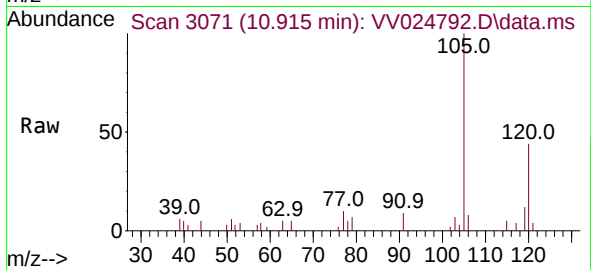
Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 10490

Ion Ratio Lower Upper

105 100

120 45.5 35.9 53.9

