

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025691.D
 Acq On : 22 Apr 2022 19:26
 Operator : SY/MD
 Sample : N2492-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W5

Quant Time: Apr 23 02:01:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76239	6.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.200%
7) Chloroethane-d5	1.571	69	67437	5.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.111	63	109175	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.902	46	94158	65.576	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.160%#
24) Chloroform-d	4.352	84	109778	6.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.000%
26) 1,2-Dichloroethane-d4	5.037	65	52368	6.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.200%#
32) Benzene-d6	5.053	84	228001	6.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.400%#
36) 1,2-Dichloropropane-d6	6.072	67	68719	6.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	137.600%
41) Toluene-d8	7.317	98	193214	5.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	7.625	79	20438	6.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.800%
46) 2-Hexanone-d5	8.088	63	81526	69.181	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.360%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39054	6.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	58351	6.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	901	0.072	ug/L #	82
5) Vinyl chloride	1.314	62	789	0.056	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	994	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.127	96	2326	0.211	ug/L #	1
15) Methyl Acetate	2.439	43	2532	1.169	ug/L #	43
22) cis-1,2-Dichloroethene	3.918	96	16123	1.660	ug/L	99
25) Chloroform	4.378	83	3941	0.239	ug/L	91
33) Benzene	5.101	78	8071	0.221	ug/L	100
34) Trichloroethene	5.915	95	228367	23.518	ug/L	97
35) Methylcyclohexane	6.133	83	2214	0.143	ug/L #	82
39) cis-1,3-Dichloropropene	6.989	75	1562	0.141	ug/L #	74
42) Toluene	7.397	91	21711	0.546	ug/L	97
44) trans-1,3-Dichloropropene	7.629	75	940	0.109	ug/L #	66
45) 1,1,2-Trichloroethane	7.992	97	222039	39.191	ug/L #	5
52) Ethylbenzene	9.018	91	9335	0.220	ug/L	96
53) m,p-Xylene	9.140	106	2336	0.145	ug/L	95
54) o-Xylene	9.555	106	1307	0.083	ug/L	92
61) 1,2,3-Trichloropropane	10.018	75	391	0.111	ug/L #	57
62) 1,3,5-Trimethylbenzene	10.542	105	614	0.042	ug/L	91

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Quant Time: Apr 23 02:01:58 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 23 01:57:52 2022
Response via : Initial Calibration

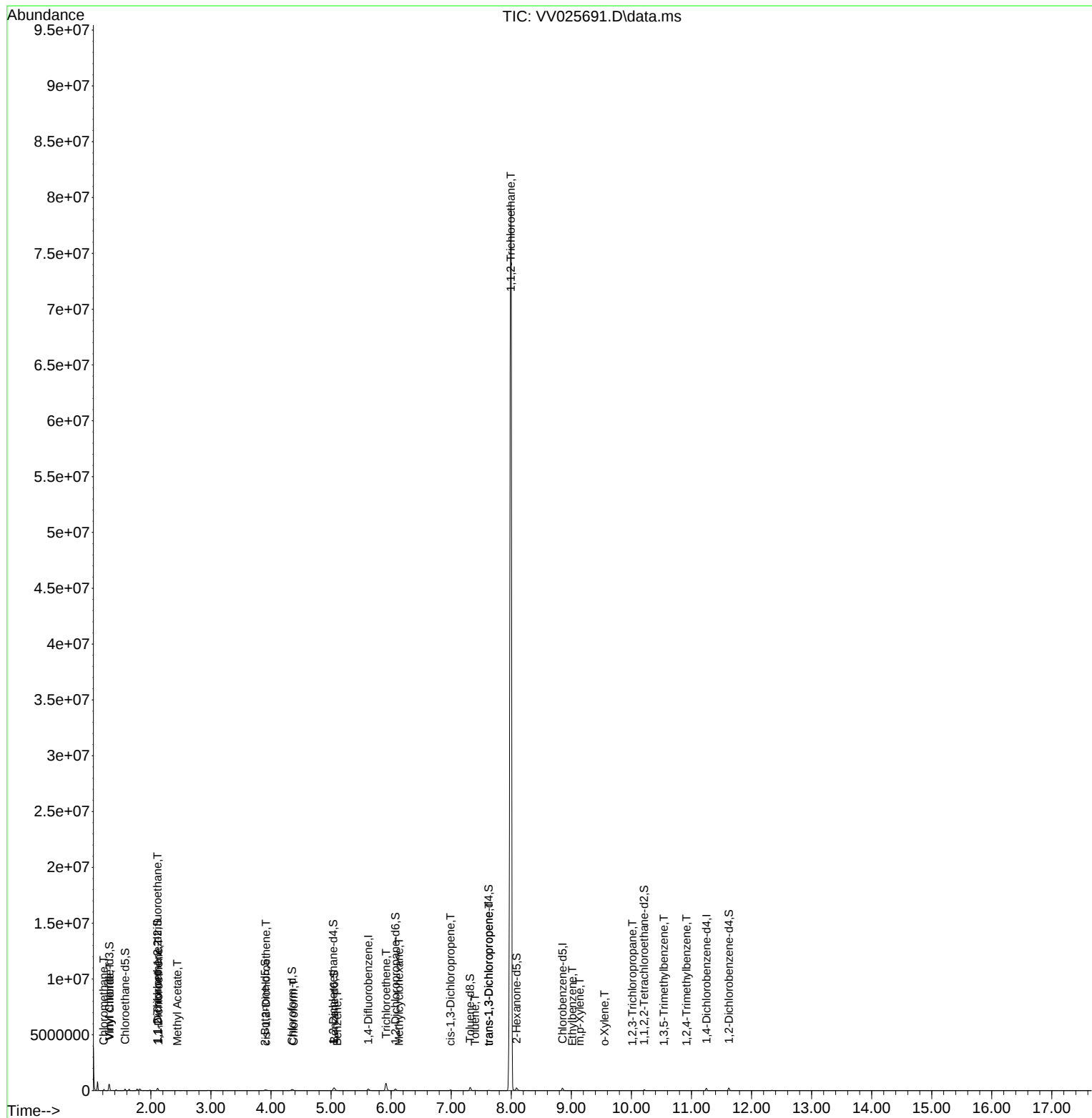
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	10.918	105	2775	0.105 ug/L	92

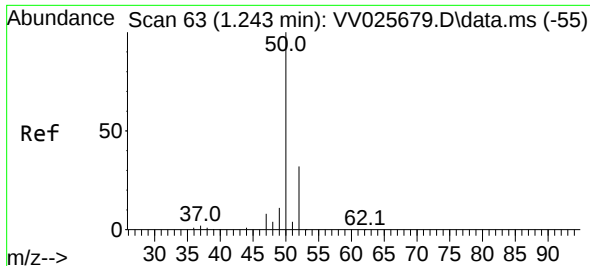
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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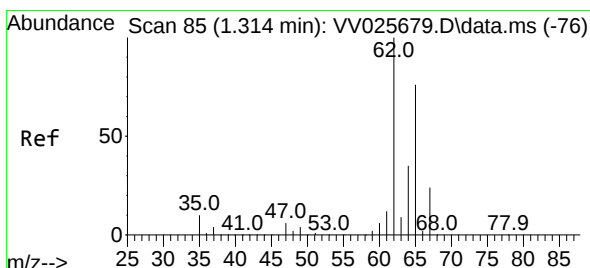
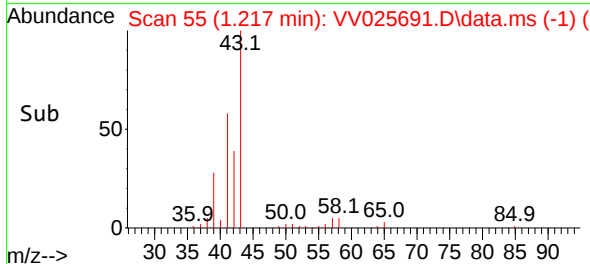
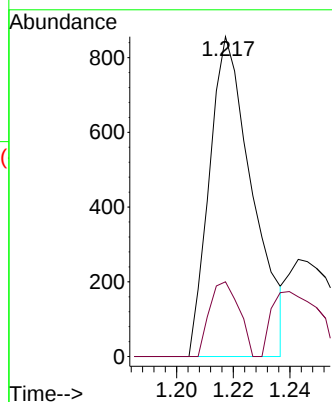
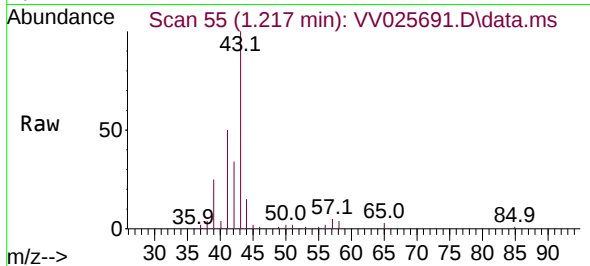




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

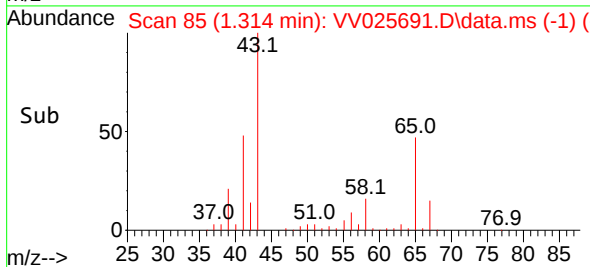
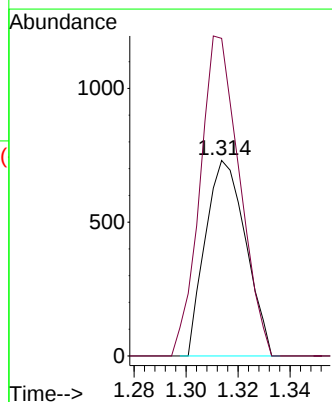
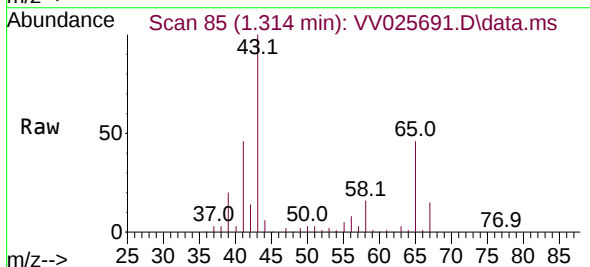
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

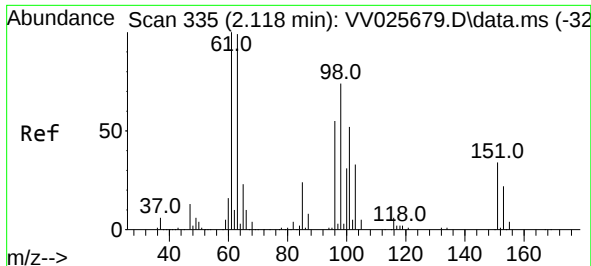
Tgt Ion: 50 Resp: 901
Ion Ratio Lower Upper
50 100
52 23.4 23.7 43.9#



#5
Vinyl chloride
Concen: 0.056 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.000 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 62 Resp: 789
Ion Ratio Lower Upper
62 100
64 162.4 23.2 43.2#

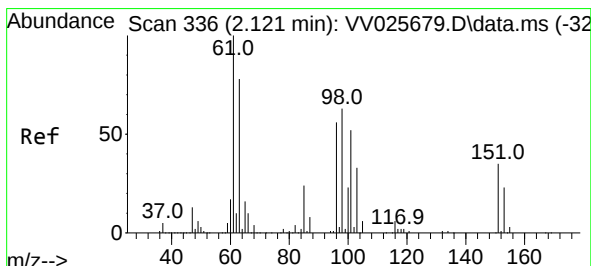
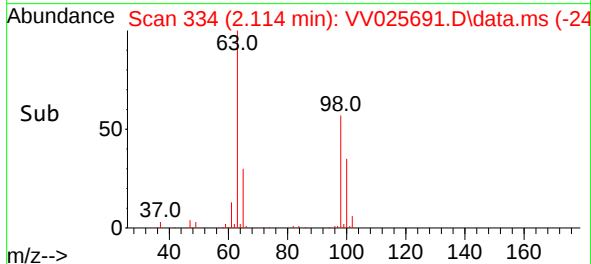
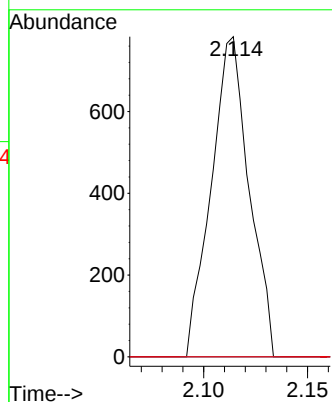
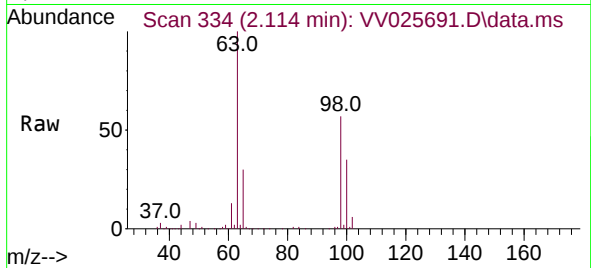




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

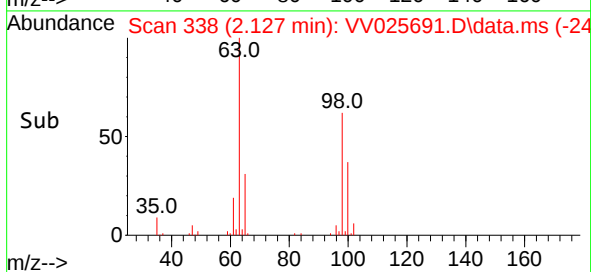
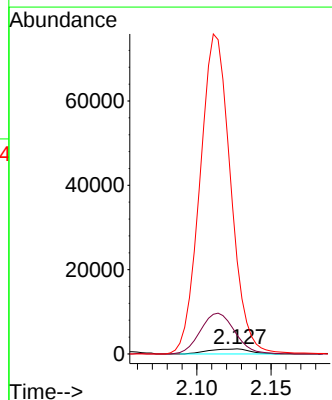
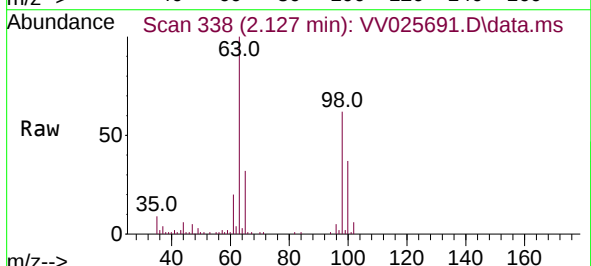
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

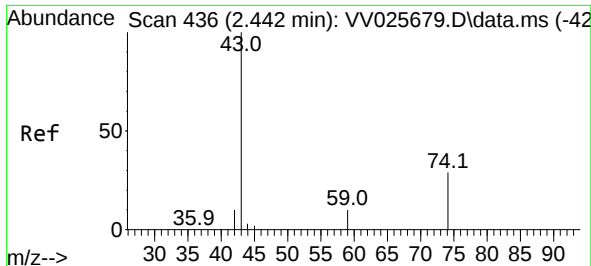
Tgt Ion:101 Resp: 994
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 56.0 84.0#



#12
1,1-Dichloroethene
Concen: 0.211 ug/L
RT: 2.127 min Scan# 338
Delta R.T. 0.007 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 96 Resp: 2326
Ion Ratio Lower Upper
96 100
61 371.6 125.2 232.4#
63 1841.5 114.4 212.4#

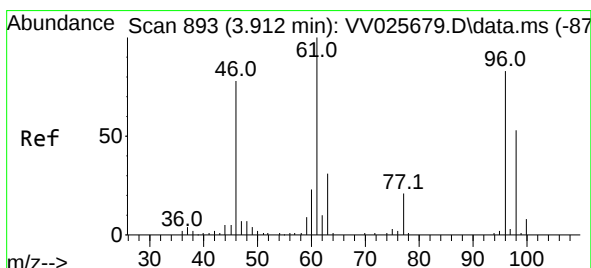
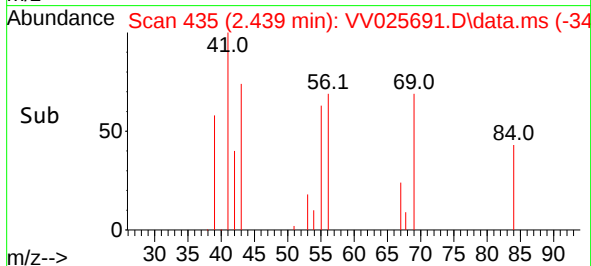
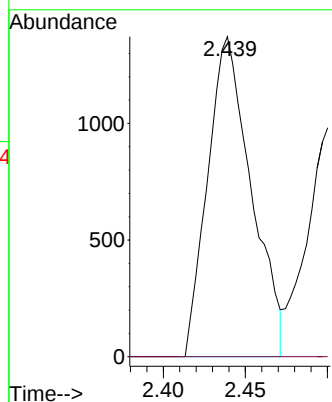
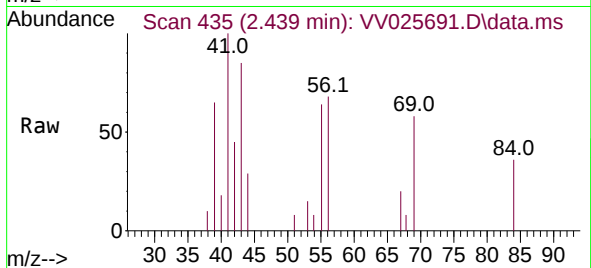




#15
Methyl Acetate
Concen: 1.169 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

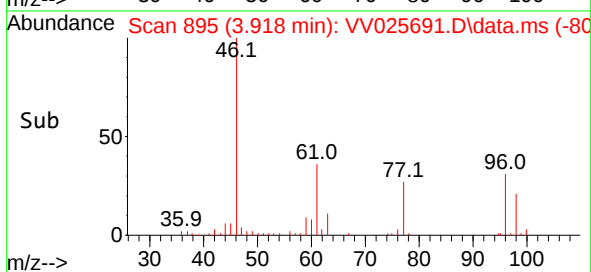
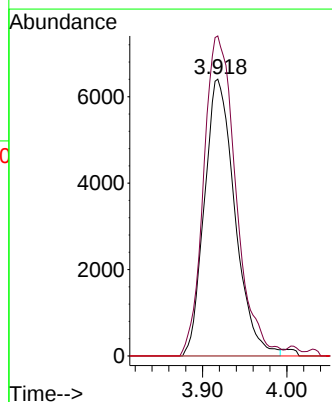
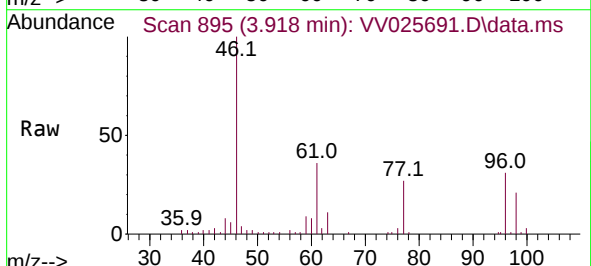
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

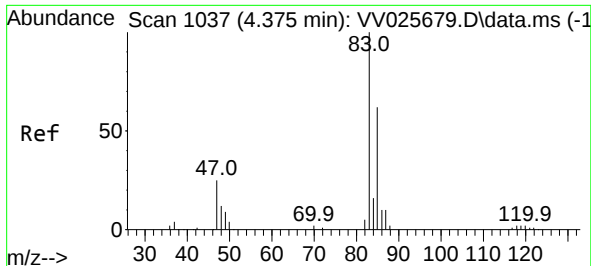
Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#22
cis-1,2-Dichloroethene
Concen: 1.660 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 96 Resp: 16123
Ion Ratio Lower Upper
96 100
61 115.6 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.239 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VV025691.D

Acq: 22 Apr 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

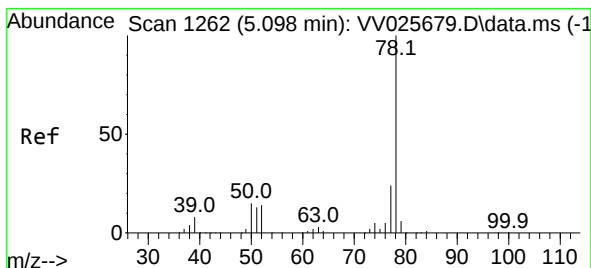
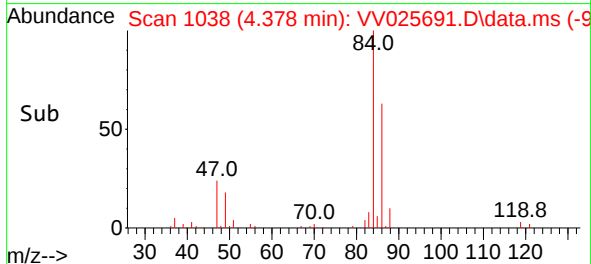
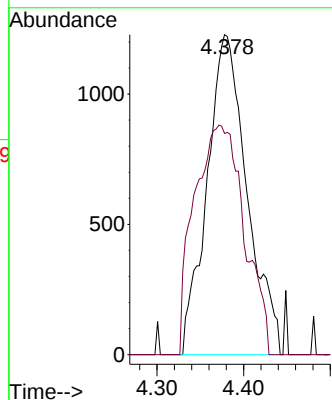
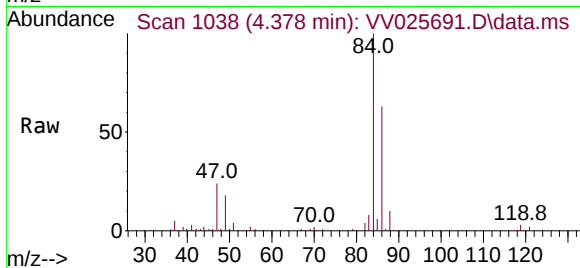
EW6W5

Tgt Ion: 83 Resp: 3941

Ion Ratio Lower Upper

83 100

85 69.1 43.5 80.7



#33

Benzene

Concen: 0.221 ug/L

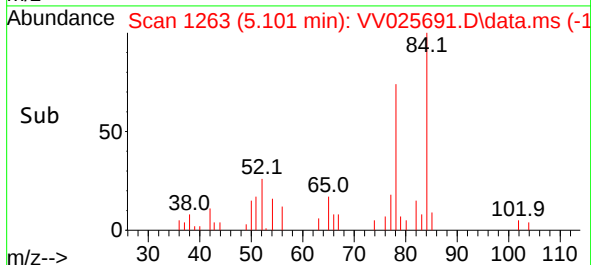
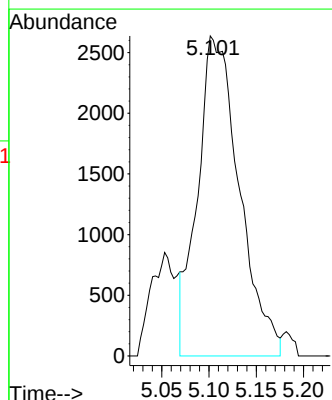
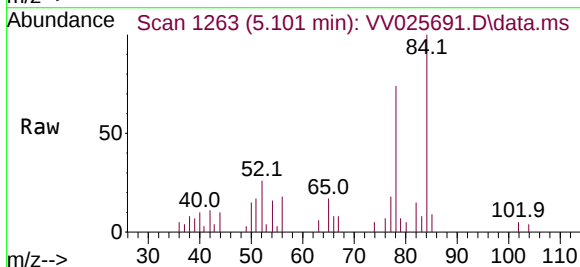
RT: 5.101 min Scan# 1263

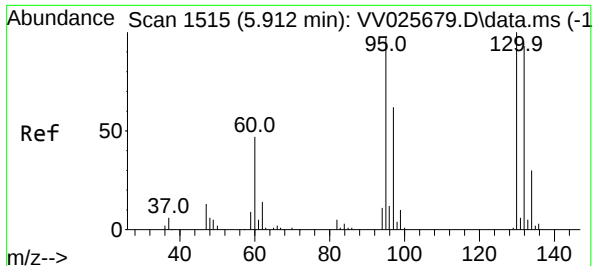
Delta R.T. 0.007 min

Lab File: VV025691.D

Acq: 22 Apr 2022 19:26

Tgt Ion: 78 Resp: 8071

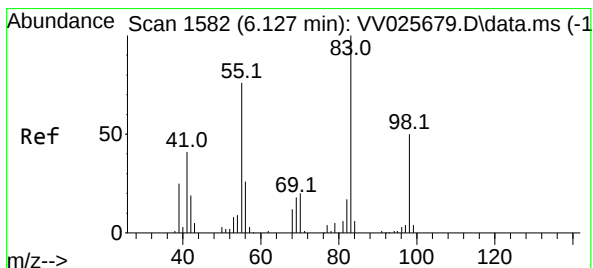
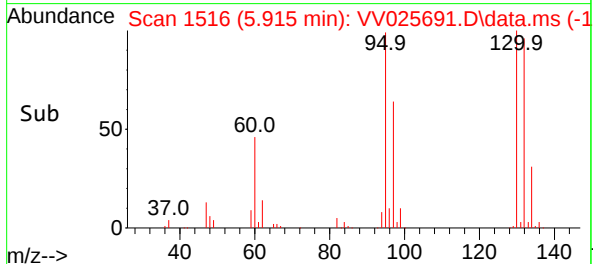
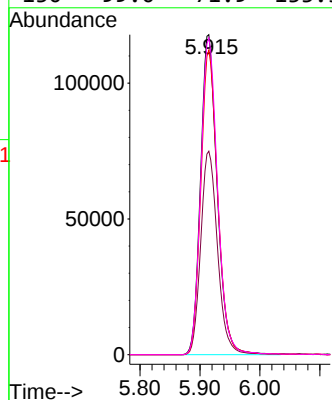
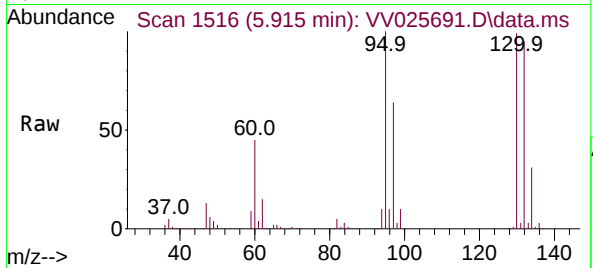




#34
Trichloroethene
Concen: 23.518 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

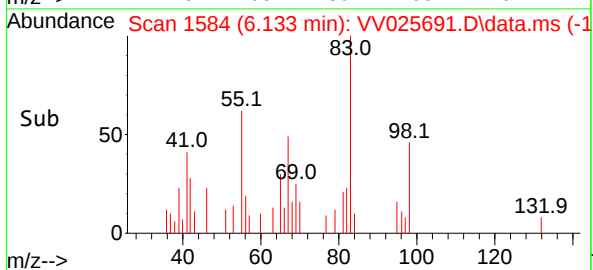
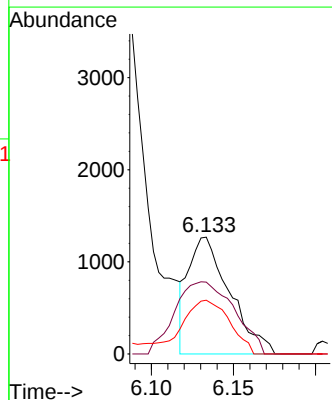
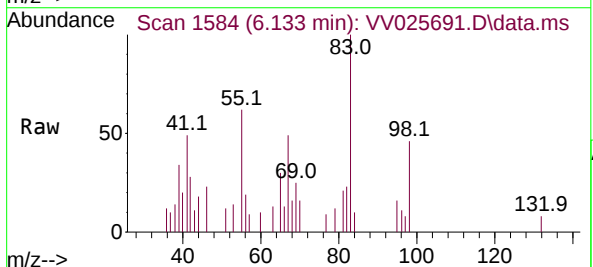
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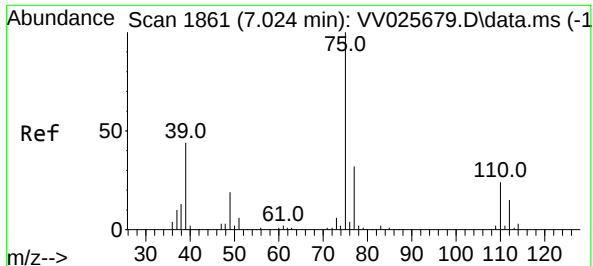
Tgt Ion: 95 Resp: 228367
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 95.2 68.0 126.4
130 99.0 71.9 133.5



#35
Methylcyclohexane
Concen: 0.143 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 83 Resp: 2214
Ion Ratio Lower Upper
83 100
55 88.9 53.7 80.5#
98 53.1 39.6 59.4





#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025691.D

Acq: 22 Apr 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

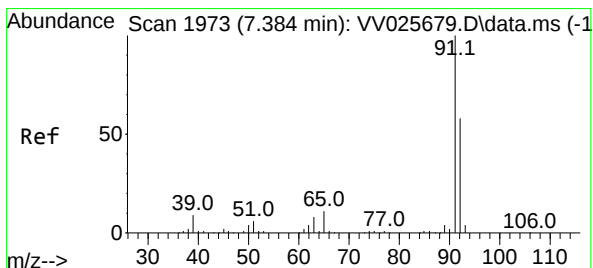
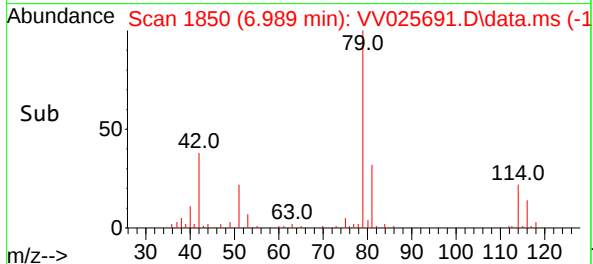
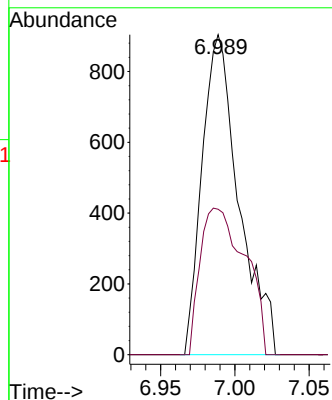
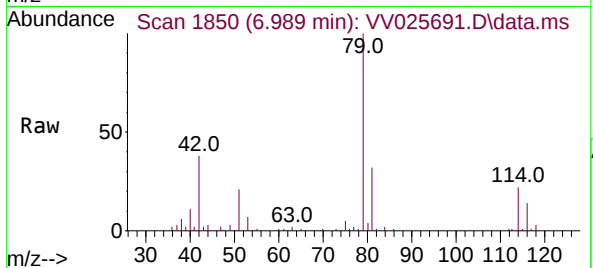
EW6W5

Tgt Ion: 75 Resp: 1562

Ion Ratio Lower Upper

75 100

77 45.5 21.8 40.6#



#42

Toluene

Concen: 0.546 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025691.D

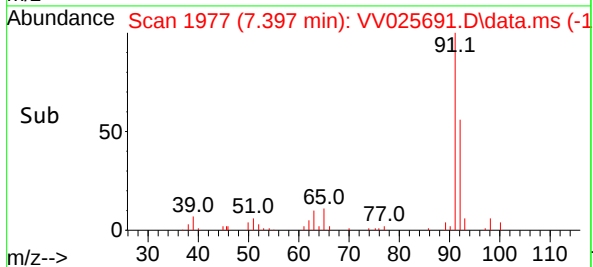
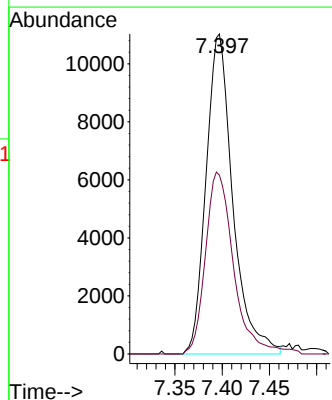
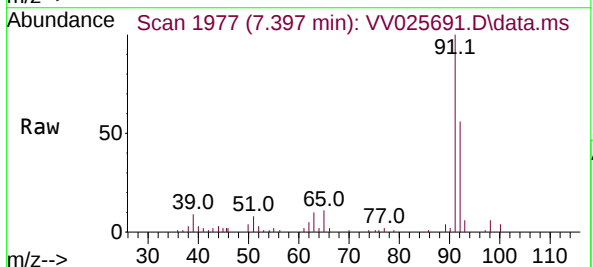
Acq: 22 Apr 2022 19:26

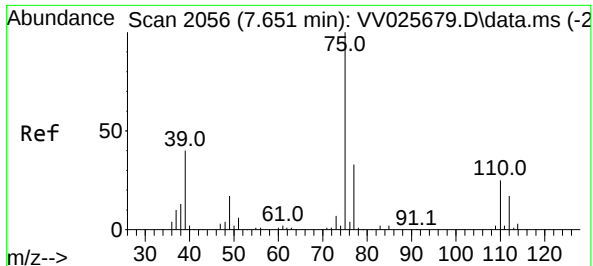
Tgt Ion: 91 Resp: 21711

Ion Ratio Lower Upper

91 100

92 55.9 40.8 75.8

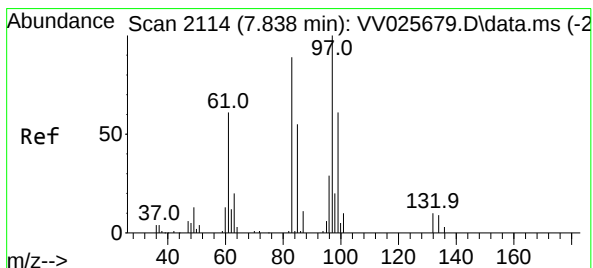
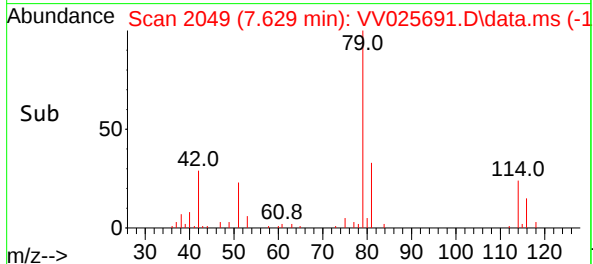
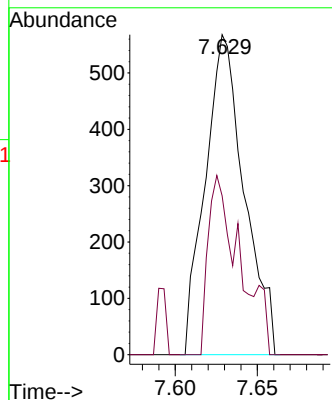
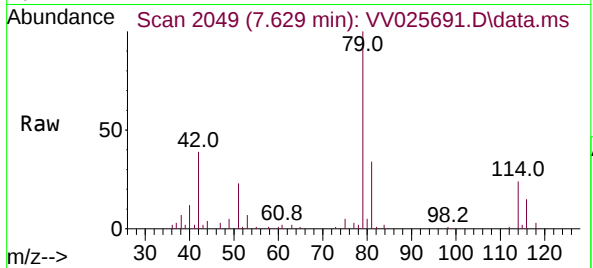




#44
trans-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.629 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

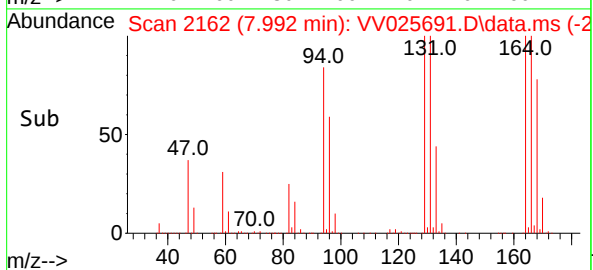
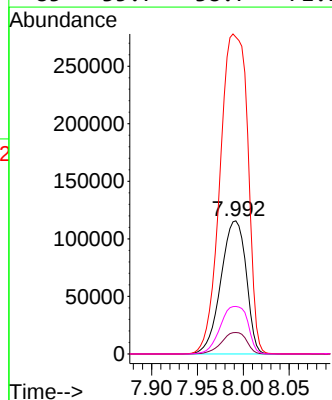
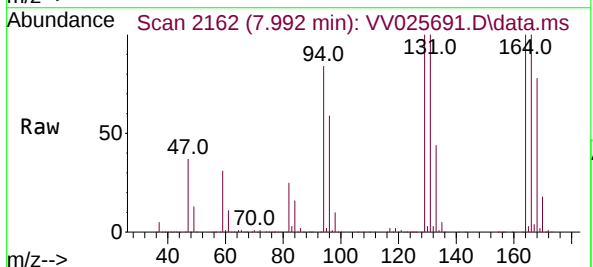
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

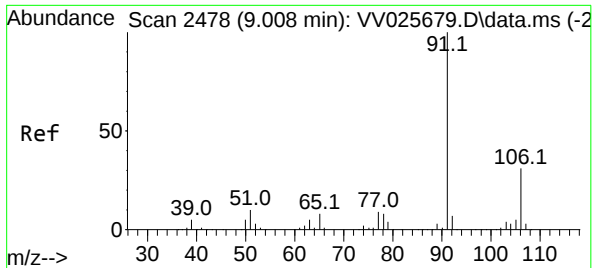
Tgt Ion: 75 Resp: 940
Ion Ratio Lower Upper
75 100
77 49.6 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 39.191 ug/L
RT: 7.992 min Scan# 2162
Delta R.T. 0.158 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 97 Resp: 222039
Ion Ratio Lower Upper
97 100
99 16.1 43.8 81.4#
83 237.9 60.3 112.1#
85 35.7 38.7 71.9#

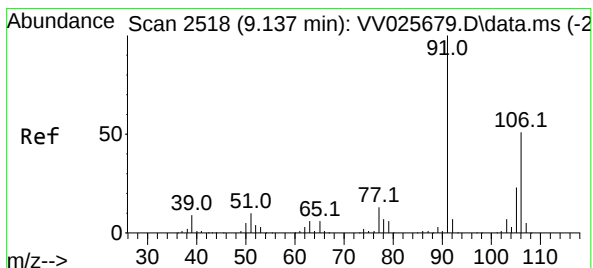
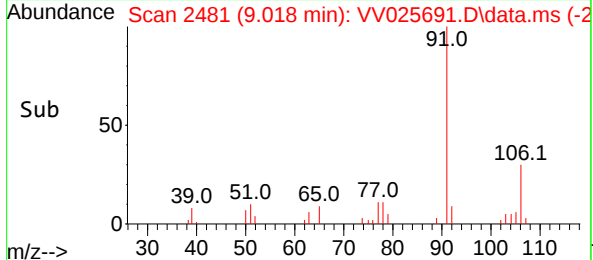
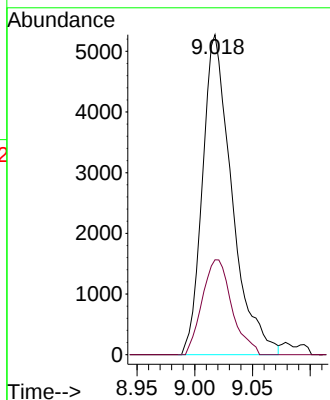
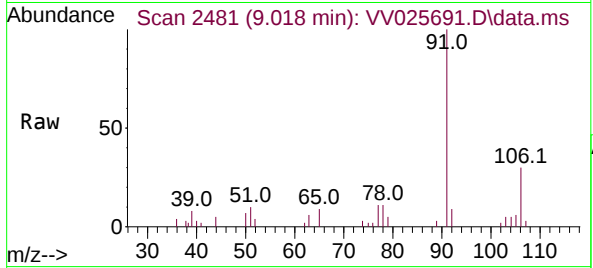




#52
Ethylbenzene
Concen: 0.220 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

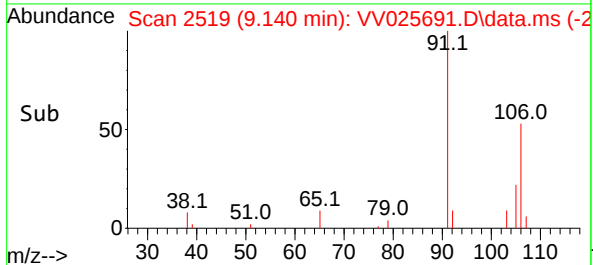
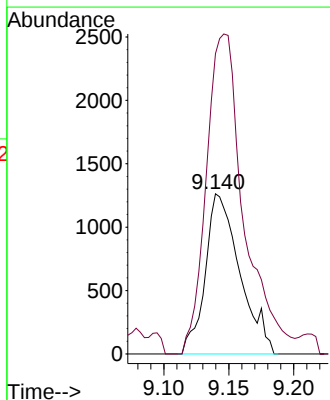
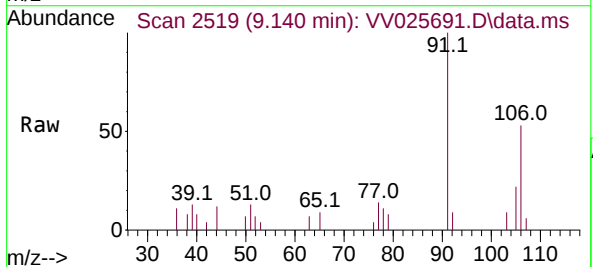
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

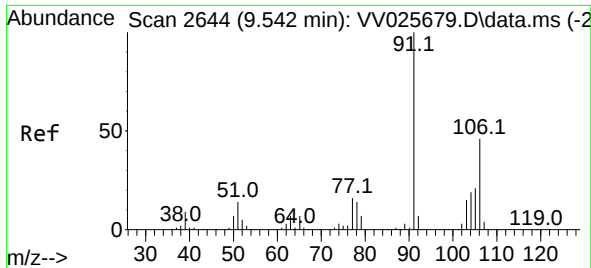
Tgt Ion: 91 Resp: 9335
Ion Ratio Lower Upper
91 100
106 29.6 22.3 41.3



#53
m,p-Xylene
Concen: 0.145 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 106 Resp: 2336
Ion Ratio Lower Upper
106 100
91 187.6 136.4 253.4

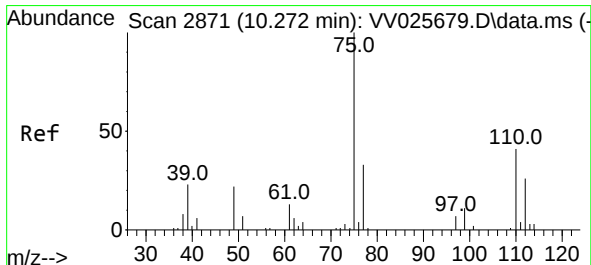
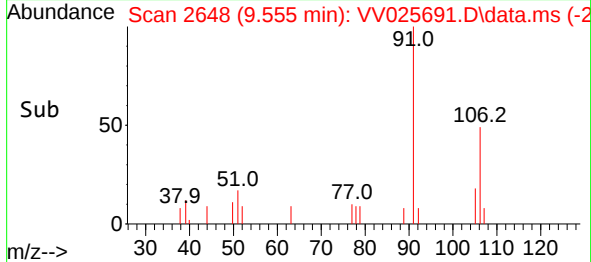
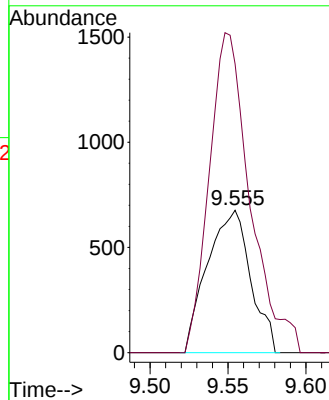
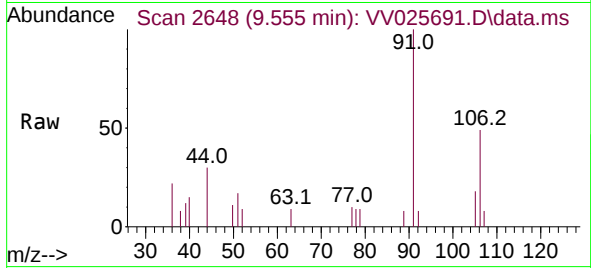




#54
o-Xylene
Concen: 0.083 ug/L
RT: 9.555 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

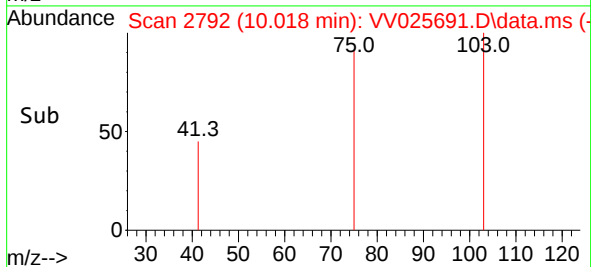
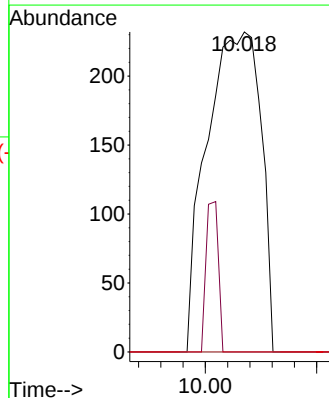
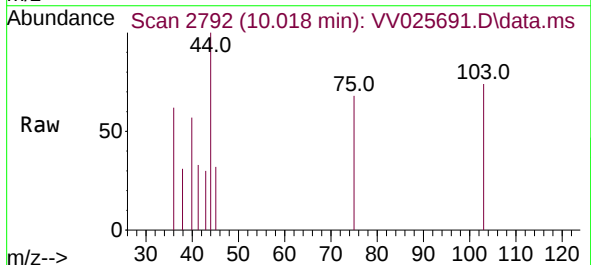
Instrument :
MSVOA_V
ClientSampleId :
EW6W5

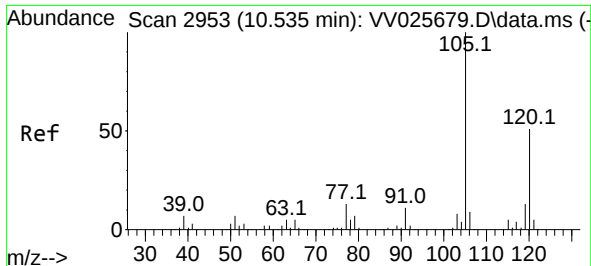
Tgt Ion:106 Resp: 1307
Ion Ratio Lower Upper
106 100
91 202.8 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 0.111 ug/L
RT: 10.018 min Scan# 2792
Delta R.T. -0.254 min
Lab File: VV025691.D
Acq: 22 Apr 2022 19:26

Tgt Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
77 37.6 25.6 38.4
110 0.0 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.042 ug/L

RT: 10.542 min Scan# 2953

Delta R.T. 0.007 min

Lab File: VV025691.D

Acq: 22 Apr 2022 19:26

Instrument :

MSVOA_V

ClientSampleId :

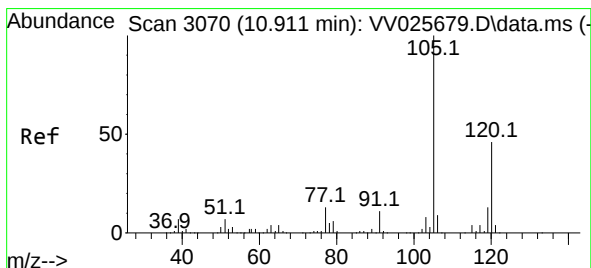
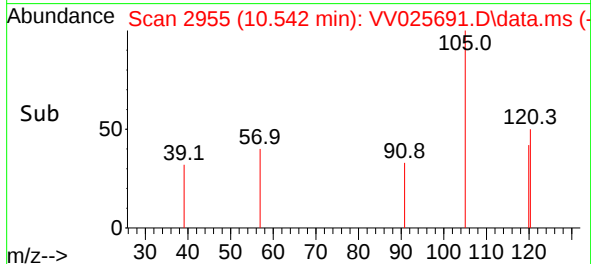
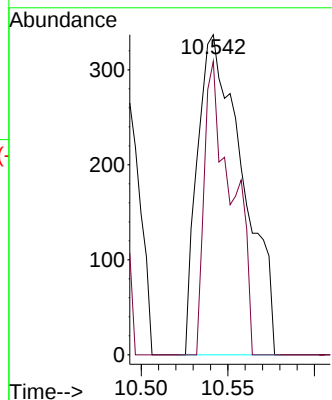
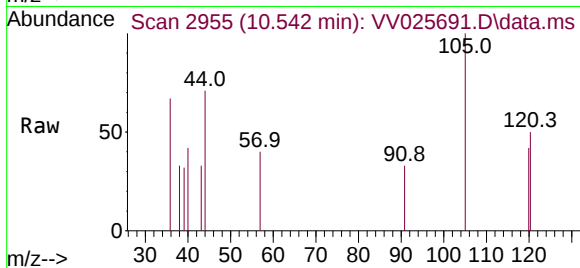
EW6W5

Tgt Ion:105 Resp: 614

Ion Ratio Lower Upper

105 100

120 55.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.105 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.007 min

Lab File: VV025691.D

Acq: 22 Apr 2022 19:26

Tgt Ion:105 Resp: 2775

Ion Ratio Lower Upper

105 100

120 40.8 36.6 55.0

