

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025811.D
 Acq On : 03 May 2022 22:21
 Operator : SY/MD
 Sample : N2625-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Y2

Quant Time: May 04 05:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152467	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151397	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69512	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76764	4.593	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.571	69	71043	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.111	63	110178	3.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.902	46	113592	49.667	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.340%
24) Chloroform-d	4.349	84	120078	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.037	65	55601	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.053	84	237193	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.072	67	71233	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	196585	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	19997	4.418	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	92580	52.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45391	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	65575	5.378	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	891	0.043	ug/L	89
13) Acetone	2.201	43	13995	9.297	ug/L	84
14) Carbon disulfide	2.298	76	6685	0.176	ug/L	96
15) Methyl Acetate	2.439	43	4532	1.258	ug/L #	44
25) Chloroform	4.384	83	3907	0.162	ug/L	83
30) Cyclohexane	4.677	56	1306	0.070	ug/L #	80
33) Benzene	5.108	78	9125	0.180	ug/L	100
35) Methylcyclohexane	6.072	83	17229	0.838	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	8132	0.660	ug/L #	85
42) Toluene	7.397	91	16136	0.299	ug/L	92
49) Dibromochloromethane	7.976	129	240	0.028	ug/L #	11
52) Ethylbenzene	9.018	91	8037	0.144	ug/L	88
53) m,p-Xylene	9.146	106	3040	0.139	ug/L	93
54) o-Xylene	9.548	106	1525	0.073	ug/L	63
61) 1,2,3-Trichloropropane	10.005	75	623	0.112	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.921	105	3203	0.159	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	3203	0.087	ug/L	95
71) Naphthalene	13.509	128	1367	0.080	ug/L #	76

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Quant Time: May 04 05:11:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration

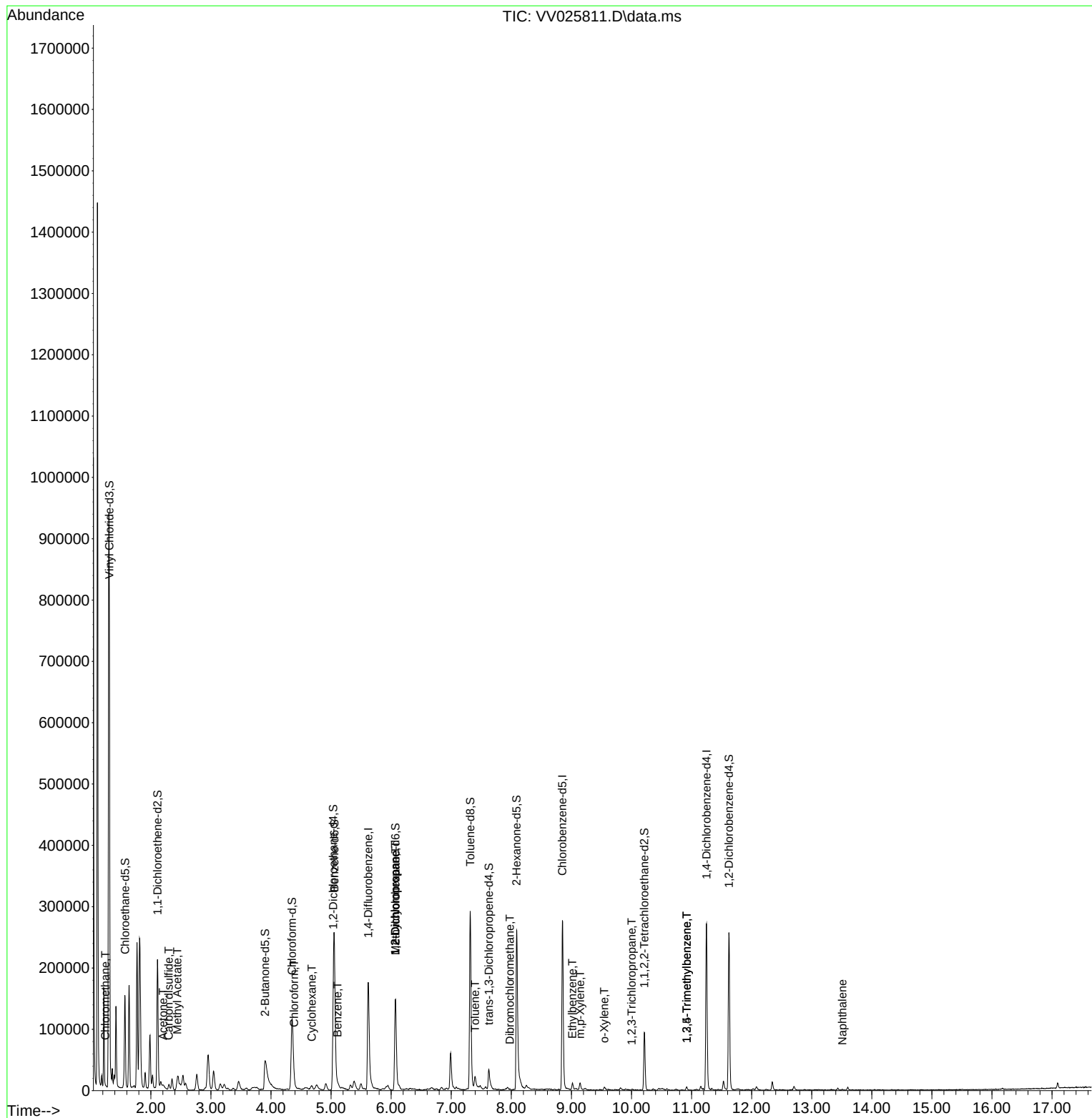
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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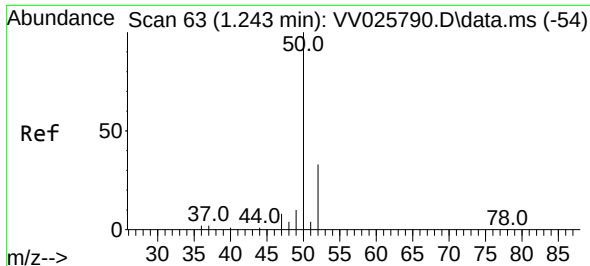
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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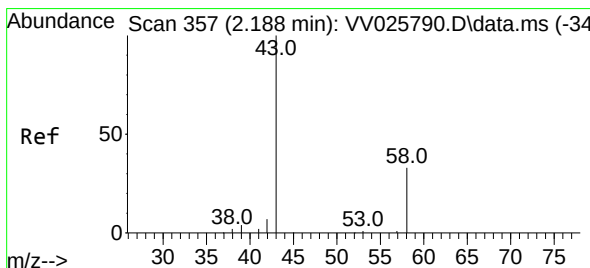
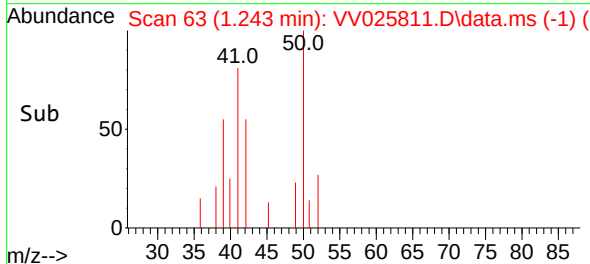
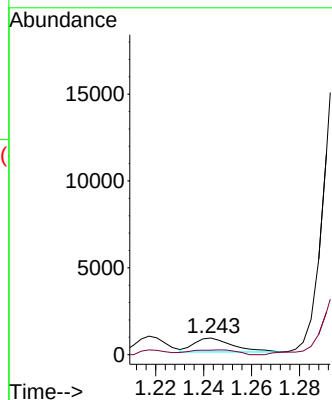
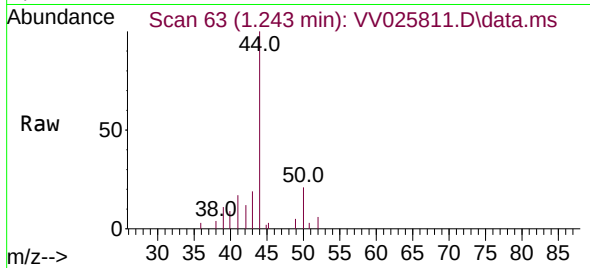




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

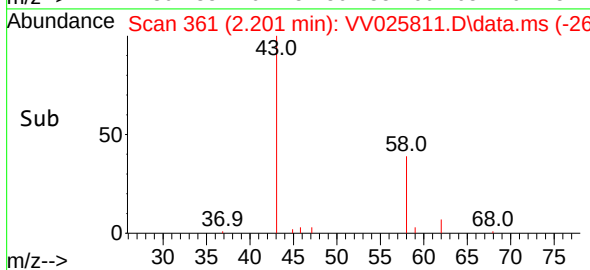
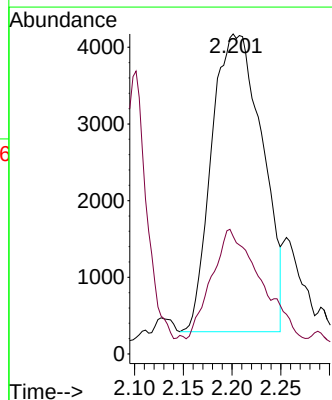
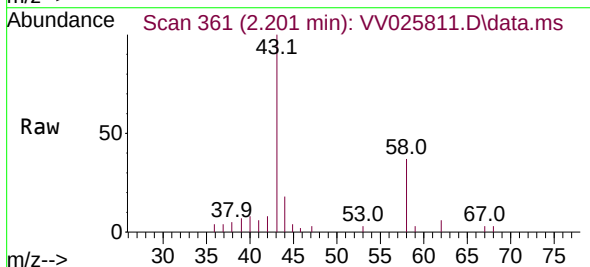
Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

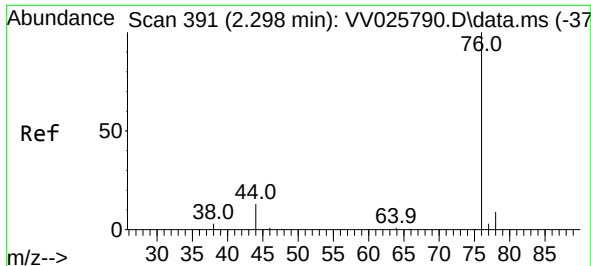
Tgt Ion: 50 Resp: 891
Ion Ratio Lower Upper
50 100
52 27.5 23.7 43.9



#13
Acetone
Concen: 9.297 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.013 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 43 Resp: 13995
Ion Ratio Lower Upper
43 100
58 45.5 0.0 72.2

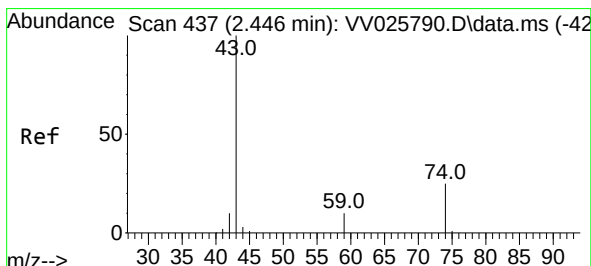
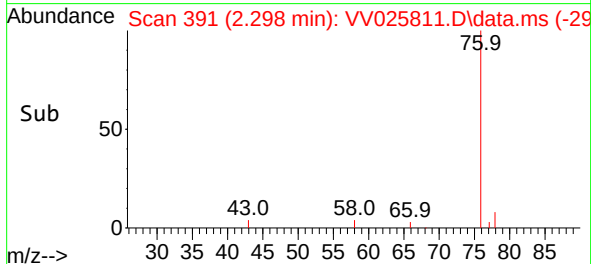
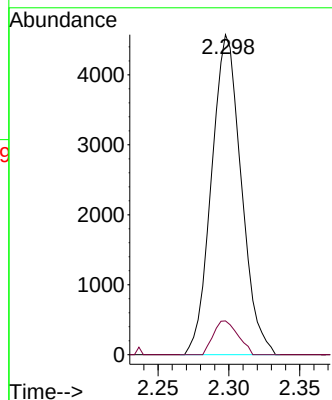
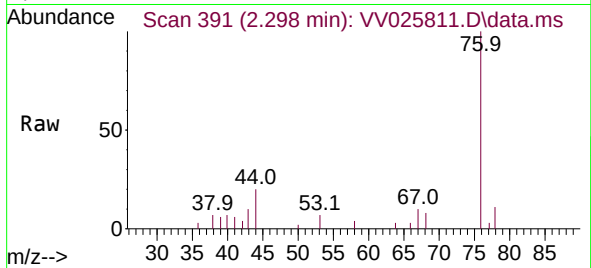




#14
Carbon disulfide
Concen: 0.176 ug/L
RT: 2.298 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

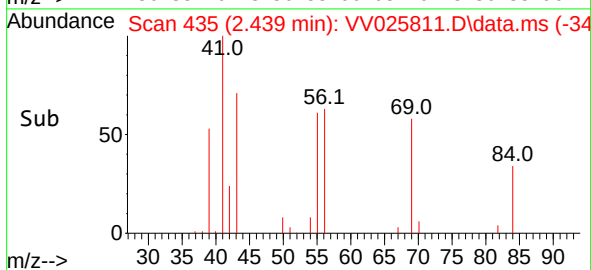
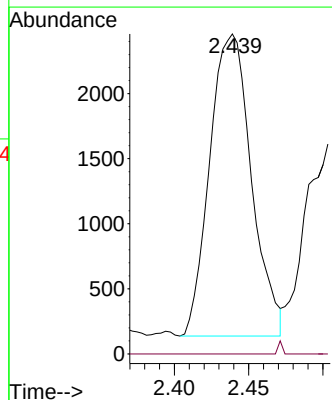
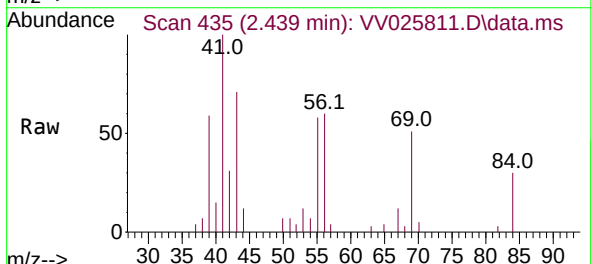
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ClientSampleId :
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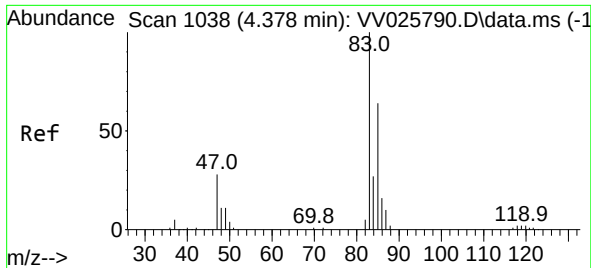
Tgt Ion: 76 Resp: 6685
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#15
Methyl Acetate
Concen: 1.258 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.006 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
74 0.4 25.2 37.8#

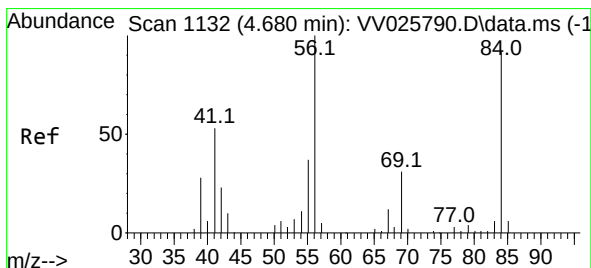
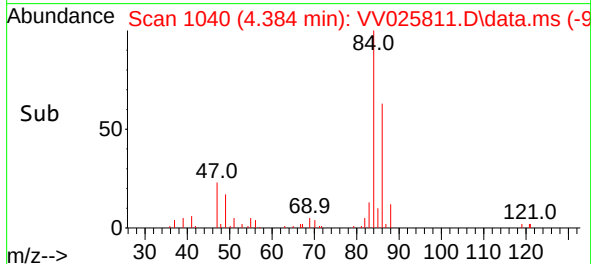
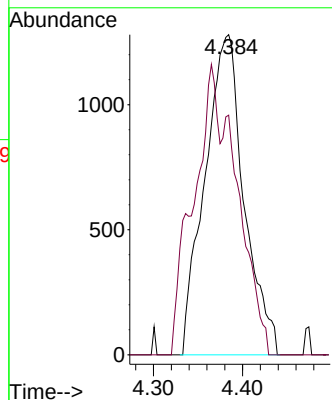
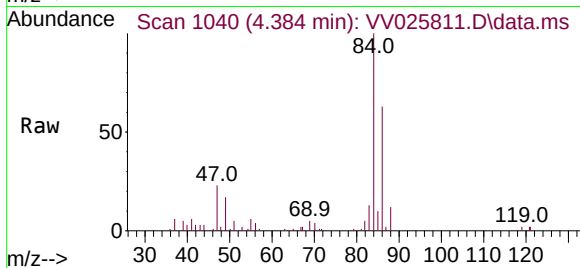




#25
Chloroform
Concen: 0.162 ug/L
RT: 4.384 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

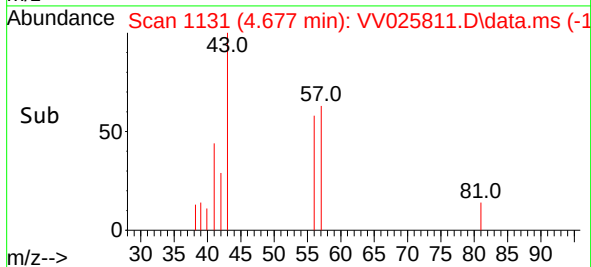
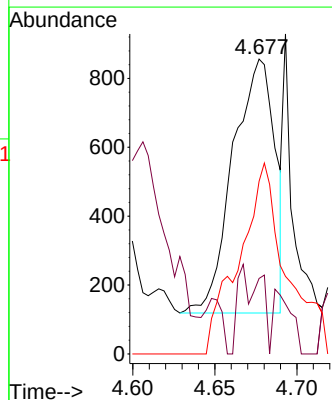
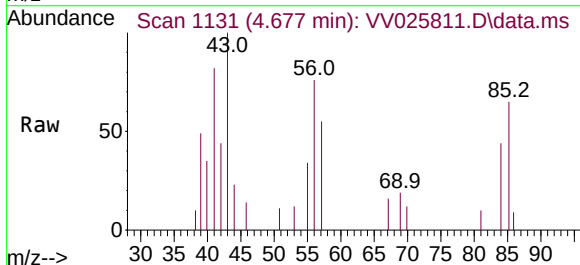
Instrument :
MSVOA_V
ClientSampleId :
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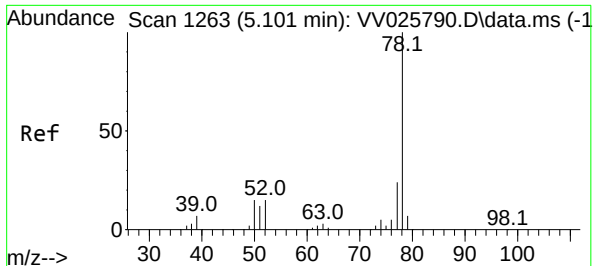
Tgt Ion: 83 Resp: 3907
Ion Ratio Lower Upper
83 100
85 74.8 43.5 80.7



#30
Cyclohexane
Concen: 0.070 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 56 Resp: 1306
Ion Ratio Lower Upper
56 100
69 10.8 26.1 39.1#
84 84.5 78.6 118.0

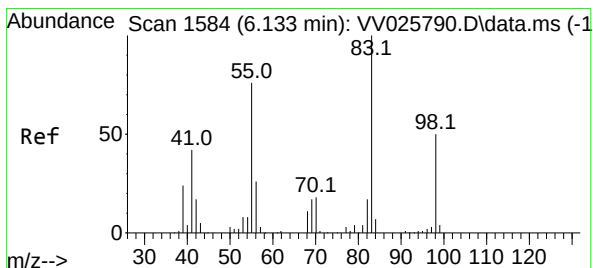
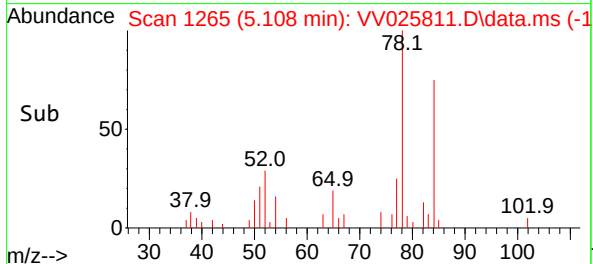
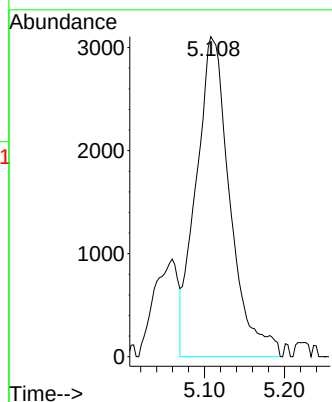
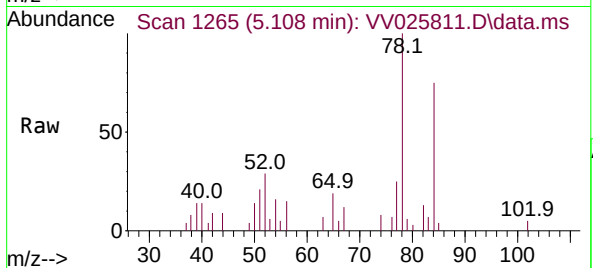




#33
Benzene
Concen: 0.180 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

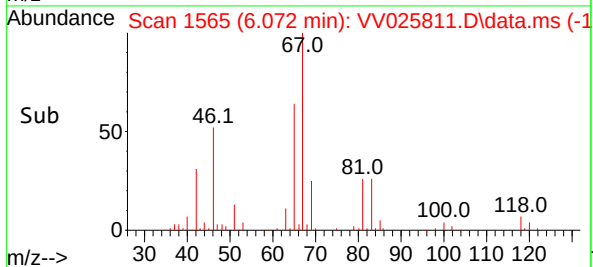
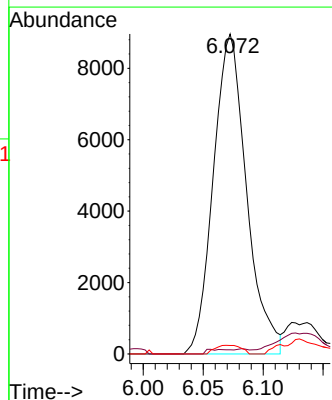
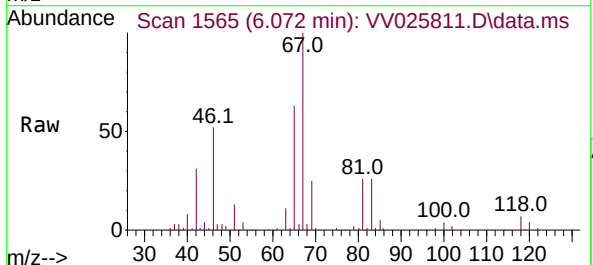
Instrument :
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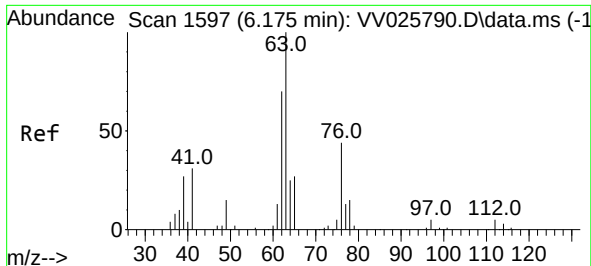
Tgt Ion: 78 Resp: 9125



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 83 Resp: 17229
Ion Ratio Lower Upper
83 100
55 0.4 53.7 80.5#
98 2.1 39.6 59.4#

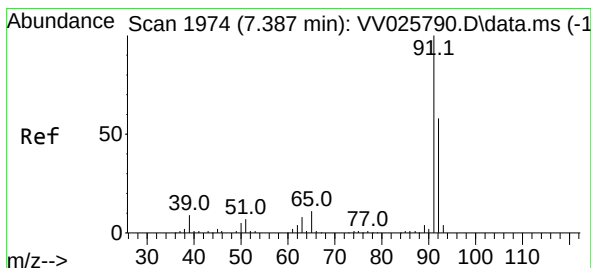
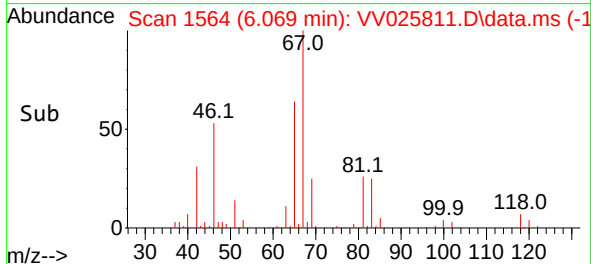
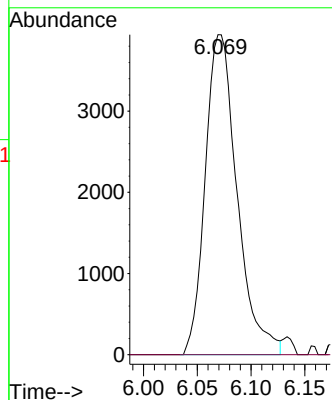
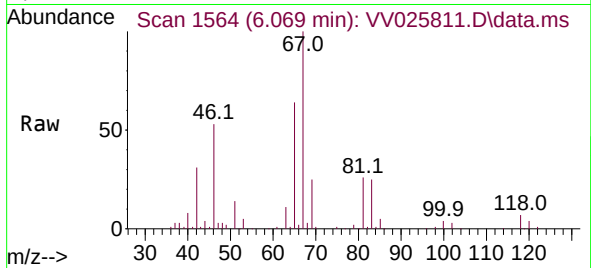




#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

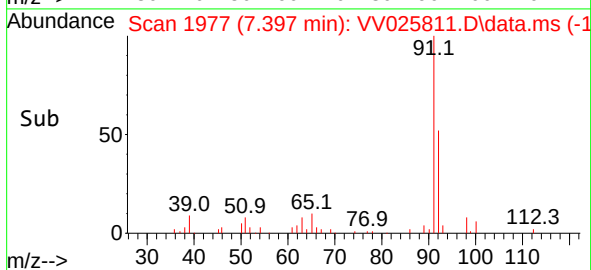
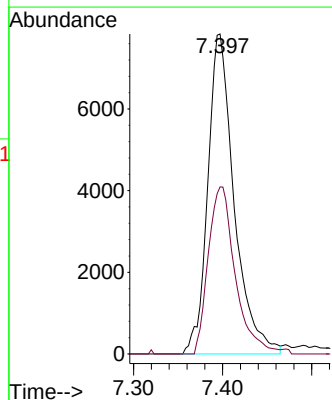
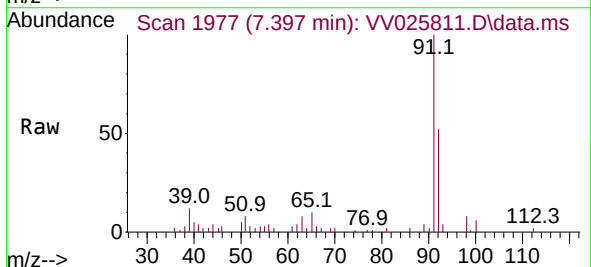
Instrument :
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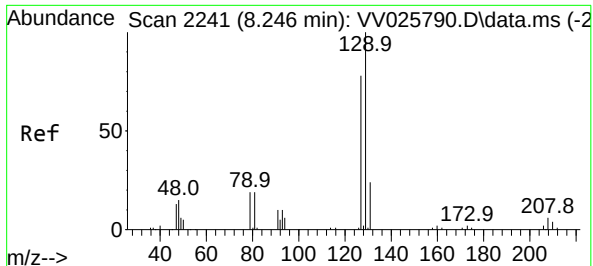
Tgt Ion: 63 Resp: 8132
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.299 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 91 Resp: 16136
Ion Ratio Lower Upper
91 100
92 52.2 40.8 75.8





#49

Dibromochloromethane

Concen: 0.028 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025811.D

Acq: 03 May 2022 22:21

Instrument :

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ClientSampleId :

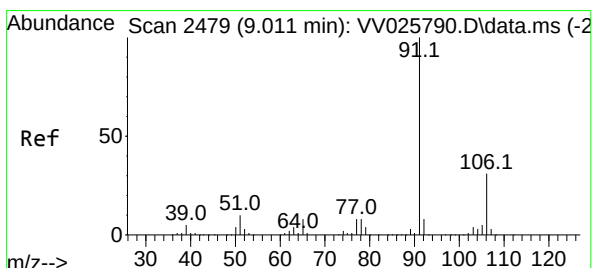
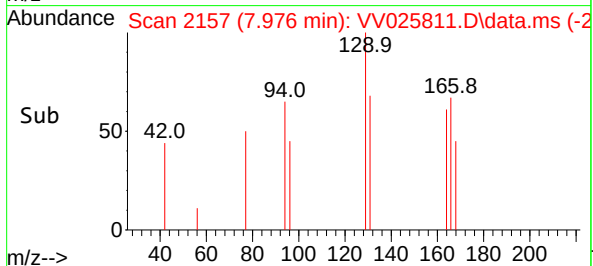
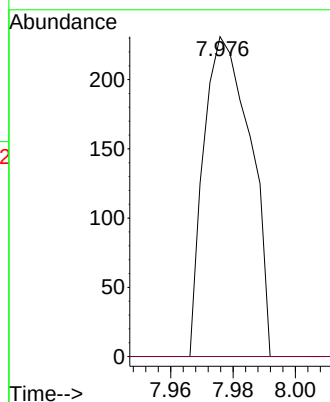
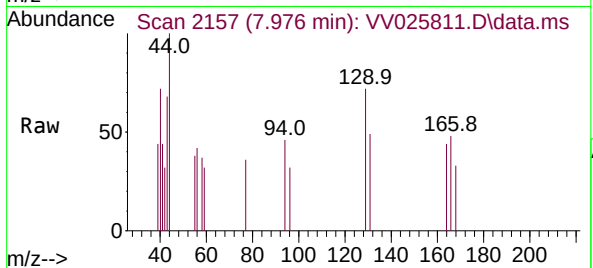
EW6Y2

Tgt Ion:129 Resp: 240

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.144 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV025811.D

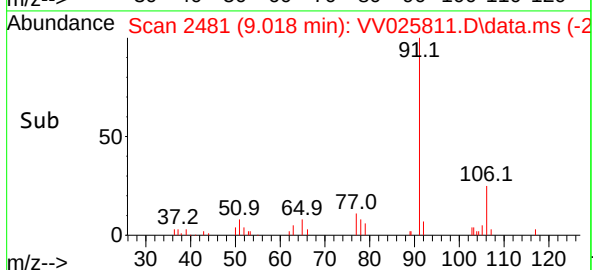
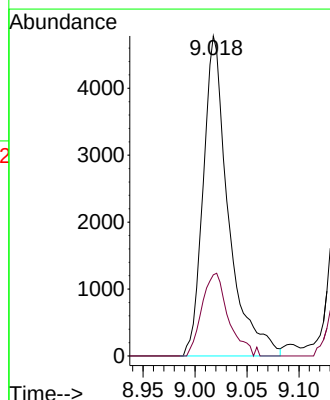
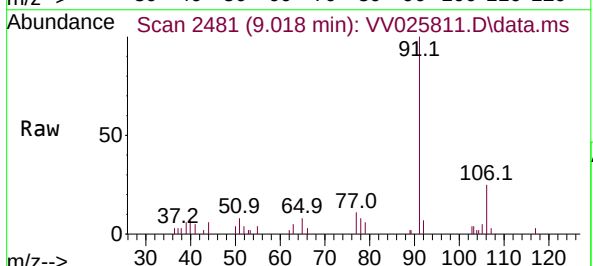
Acq: 03 May 2022 22:21

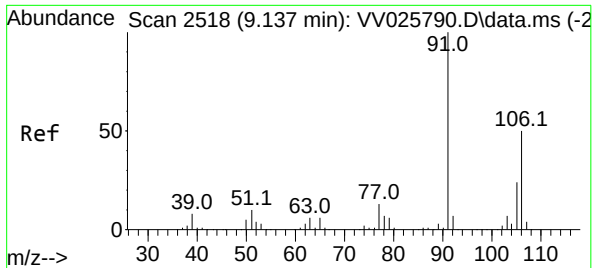
Tgt Ion: 91 Resp: 8037

Ion Ratio Lower Upper

91 100

106 25.3 22.3 41.3

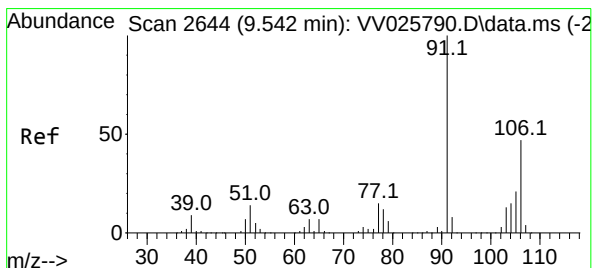
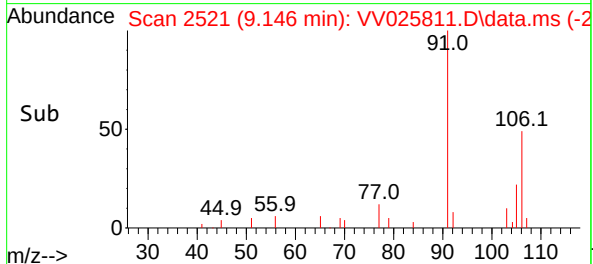
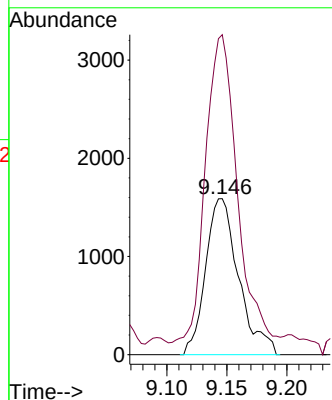
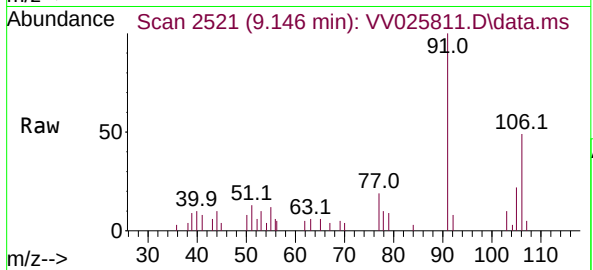




#53
m,p-Xylene
Concen: 0.139 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

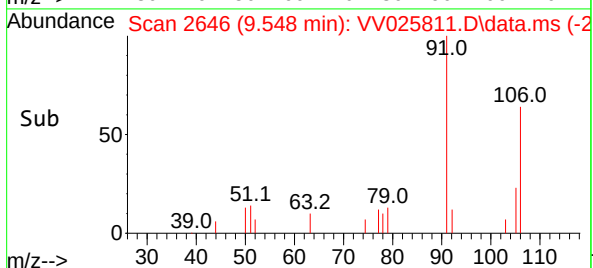
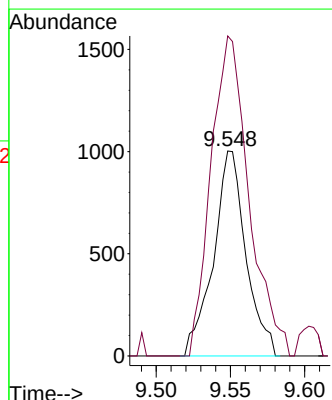
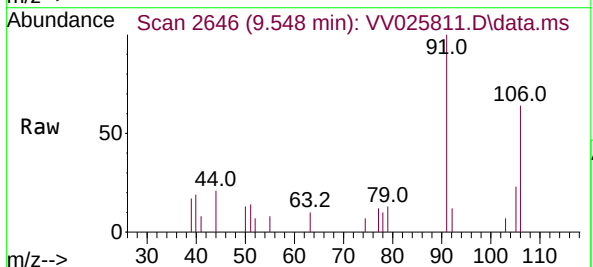
Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

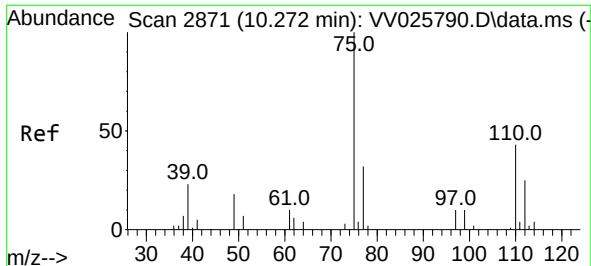
Tgt Ion:106 Resp: 3040
Ion Ratio Lower Upper
106 100
91 205.1 136.4 253.4



#54
o-Xylene
Concen: 0.073 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion:106 Resp: 1525
Ion Ratio Lower Upper
106 100
91 156.1 150.4 279.2

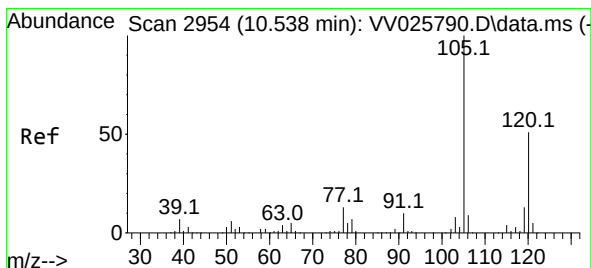
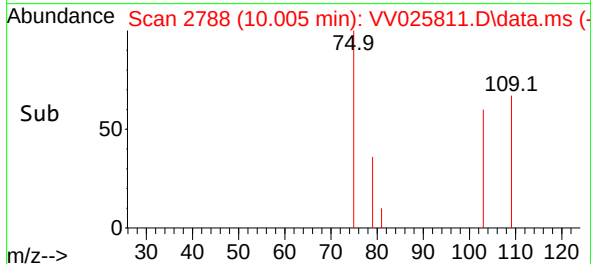
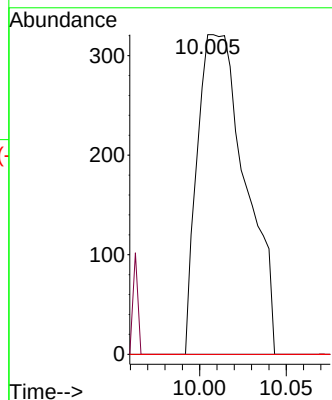
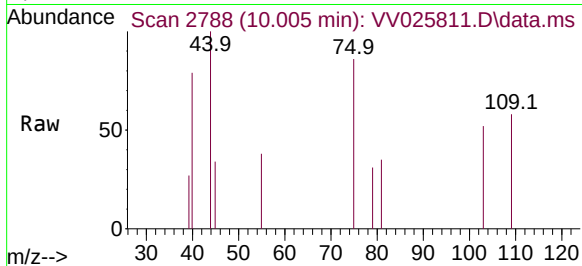




#61
1,2,3-Trichloropropane
Concen: 0.112 ug/L
RT: 10.005 min Scan# 21
Delta R.T. -0.267 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

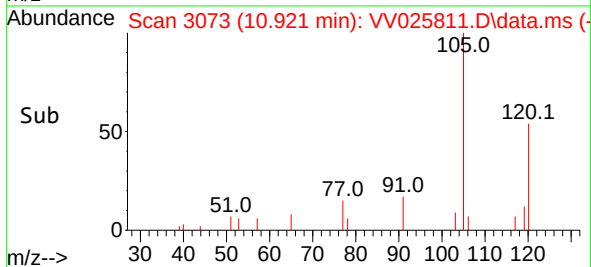
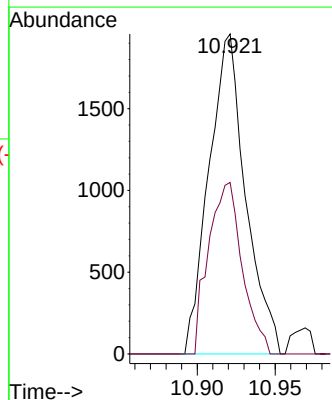
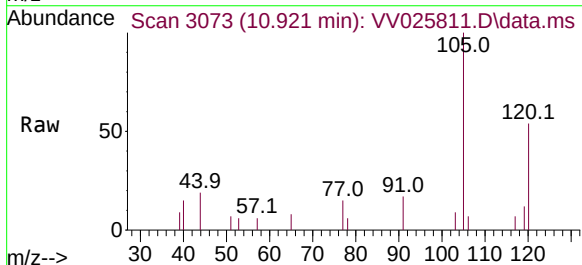
Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

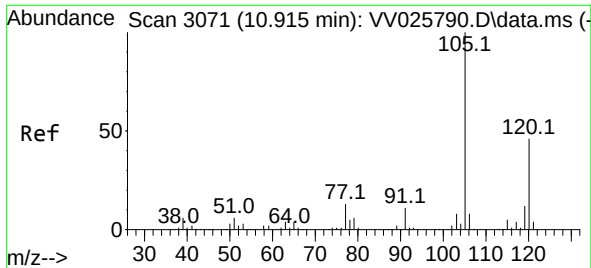
Tgt Ion: 75 Resp: 623
Ion Ratio Lower Upper
75 100
77 17.3 25.6 38.4#
110 0.0 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.159 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion: 105 Resp: 3203
Ion Ratio Lower Upper
105 100
120 49.1 39.6 59.4

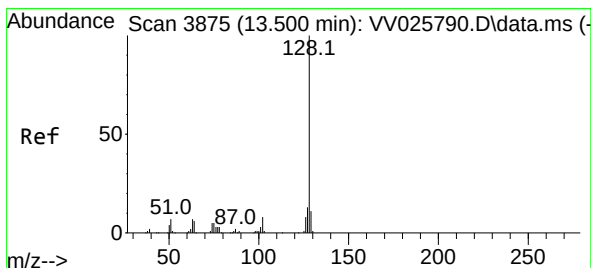
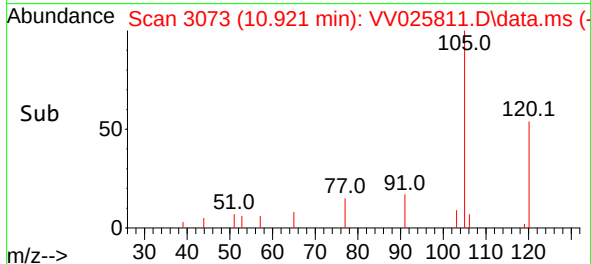
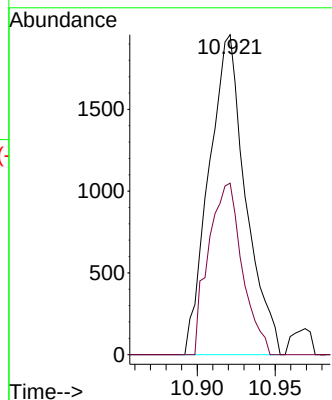
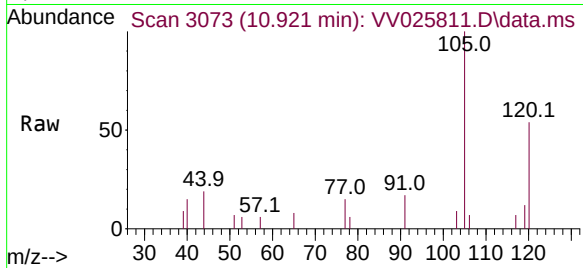




#63
1,2,4-Trimethylbenzene
Concen: 0.087 ug/L
RT: 10.921 min Scan# 3071
Delta R.T. 0.006 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Instrument :
MSVOA_V
ClientSampleId :
EW6Y2

Tgt Ion:105 Resp: 3203
Ion Ratio Lower Upper
105 100
120 49.1 36.6 55.0



#71
Naphthalene
Concen: 0.080 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025811.D
Acq: 03 May 2022 22:21

Tgt Ion:128 Resp: 1367
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 5.0 10.4 15.6#

