

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025649.D
 Acq On : 20 Apr 2022 16:23
 Operator : SY/MD
 Sample : N2492-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6T8

Quant Time: Apr 21 06:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	113471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43629	4.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.571	69	44157	3.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.114	63	67833	3.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.905	46	82946	64.638	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.280%
24) Chloroform-d	4.352	84	82444	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.037	65	41021	5.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	5.053	84	157624	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.072	67	51268	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.317	98	128260	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.625	79	14037	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	58125	51.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32789	5.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	44320	5.045	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
13) Acetone	2.198	43	4809	5.521	ug/L	77
15) Methyl Acetate	2.449	43	955	0.493	ug/L #	43
25) Chloroform	4.378	83	4105	0.278	ug/L	91
30) Cyclohexane	4.677	56	1014	0.080	ug/L #	94
33) Benzene	5.111	78	7807	0.222	ug/L	100
34) Trichloroethene	5.928	95	2356	0.253	ug/L	91
35) Methylcyclohexane	6.127	83	2051	0.138	ug/L #	89
37) 1,2-Dichloropropane	6.072	63	5587	0.688	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1127	0.106	ug/L #	80
42) Toluene	7.397	91	15298	0.401	ug/L	93
44) trans-1,3-Dichloropropene	7.622	75	649	0.078	ug/L #	74
47) Tetrachloroethene	7.976	164	156295	21.417	ug/L	97
49) Dibromochloromethane	7.976	129	146313	24.505	ug/L #	11
52) Ethylbenzene	9.021	91	7064	0.173	ug/L	95
53) m,p-Xylene	9.149	106	2530	0.163	ug/L	78
54) o-Xylene	9.554	106	1080	0.072	ug/L	72
61) 1,2,3-Trichloropropane	10.008	75	768	0.223	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.545	105	542	0.037	ug/L	92
71) Naphthalene	13.513	128	730	0.056	ug/L #	69

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 21 06:38:14 2022
Response via : Initial Calibration

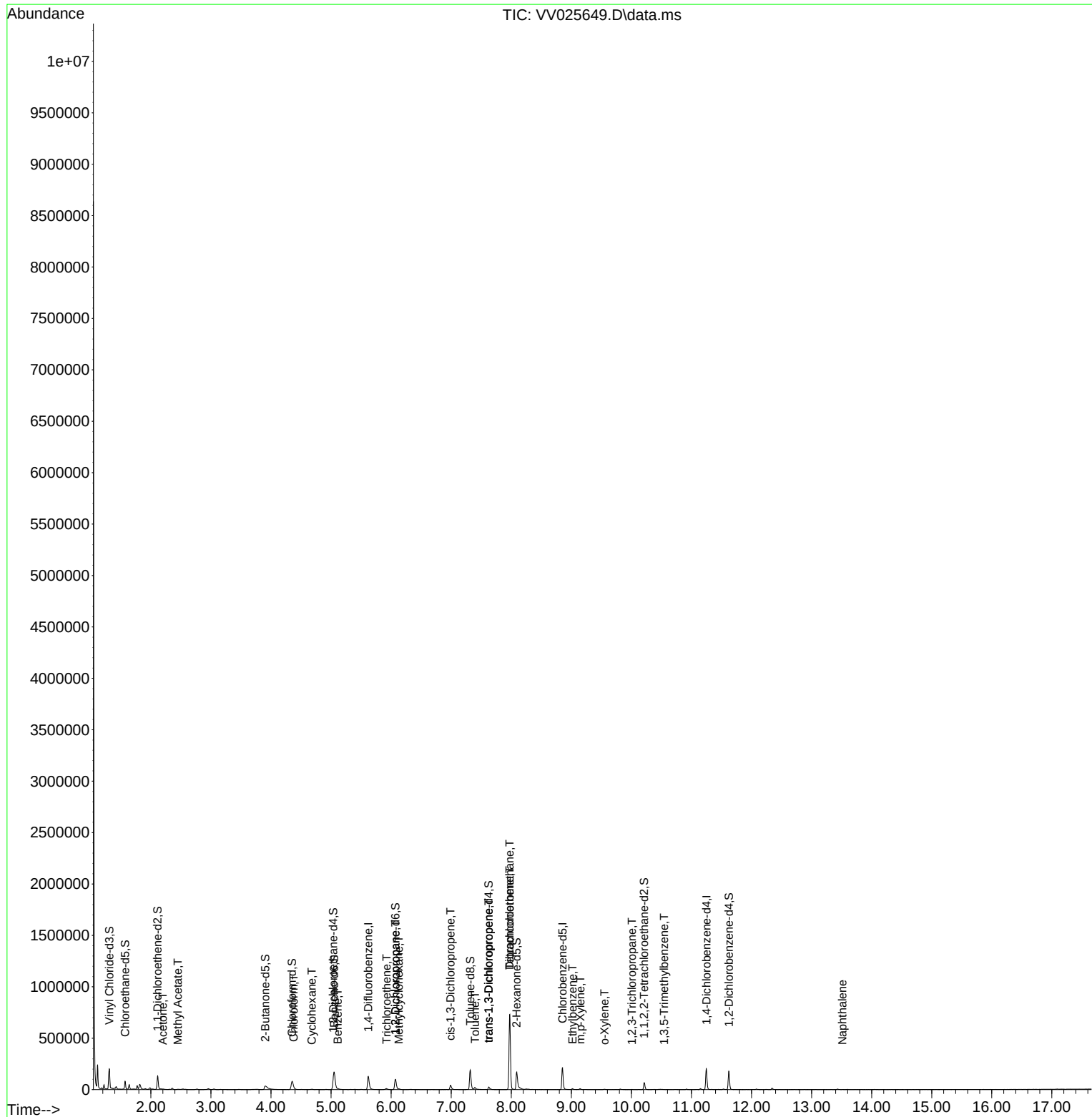
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

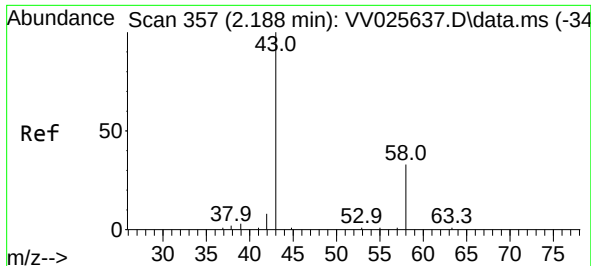
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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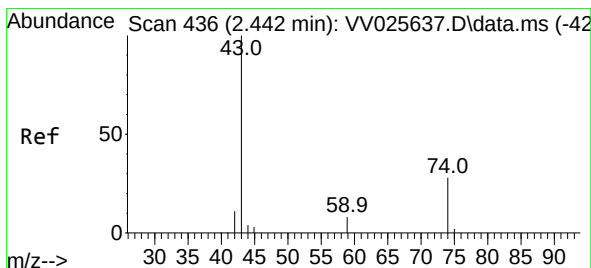
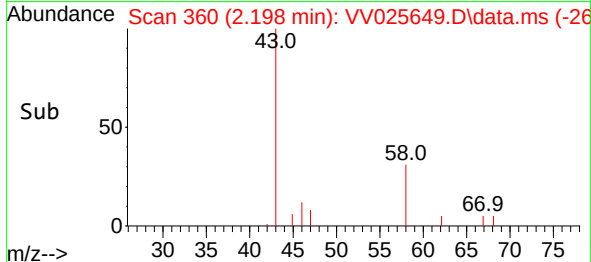
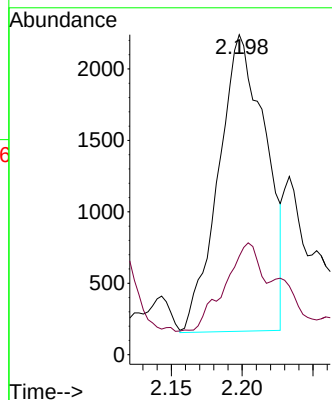
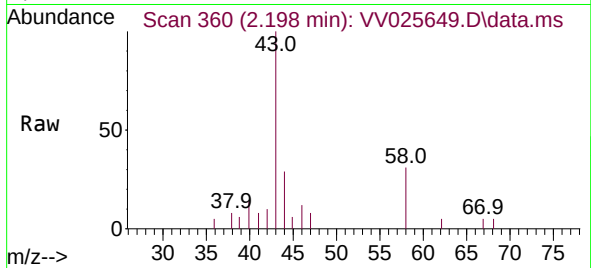




#13
Acetone
Concen: 5.521 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

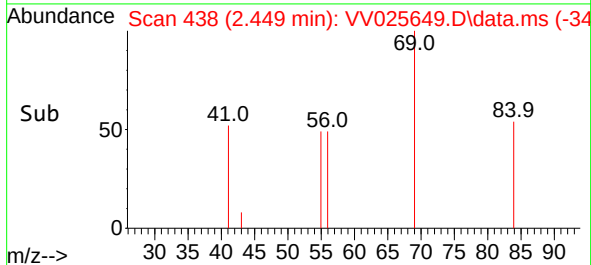
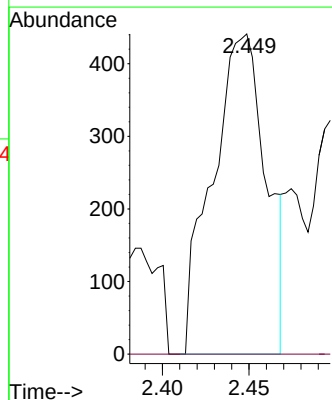
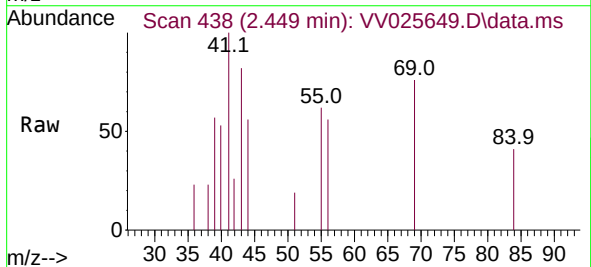
Instrument :
MSVOA_V
ClientSampleId :
EW6T8

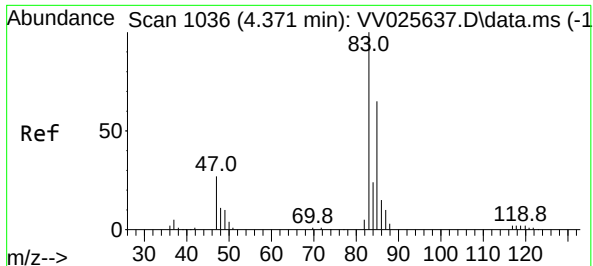
Tgt Ion: 43 Resp: 4809
Ion Ratio Lower Upper
43 100
58 22.4 0.0 72.2



#15
Methyl Acetate
Concen: 0.493 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#





#25

Chloroform

Concen: 0.278 ug/L

RT: 4.378 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV025649.D

Acq: 20 Apr 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

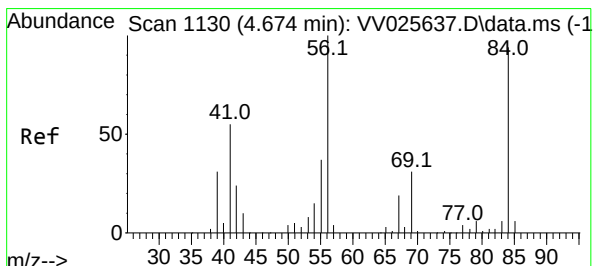
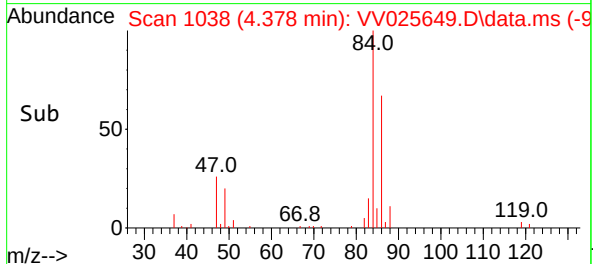
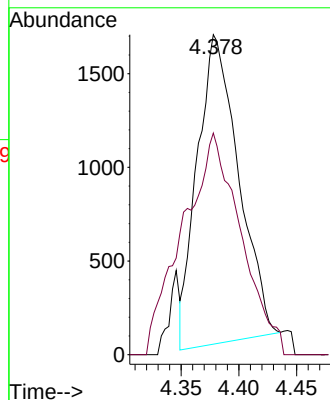
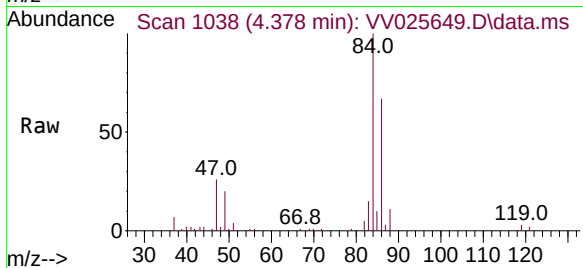
EW6T8

Tgt Ion: 83 Resp: 4105

Ion Ratio Lower Upper

83 100

85 69.3 43.5 80.7



#30

Cyclohexane

Concen: 0.080 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025649.D

Acq: 20 Apr 2022 16:23

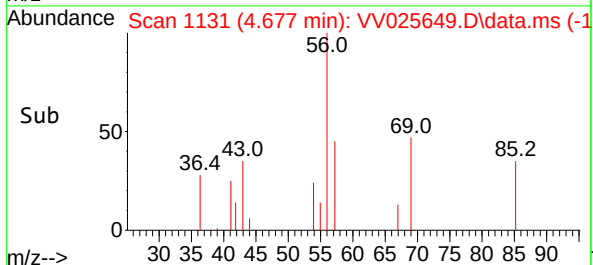
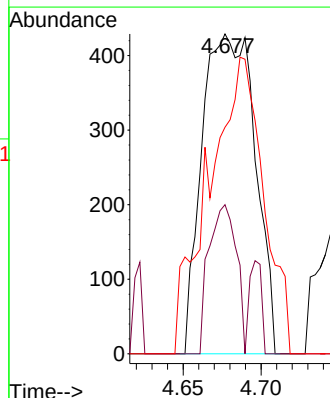
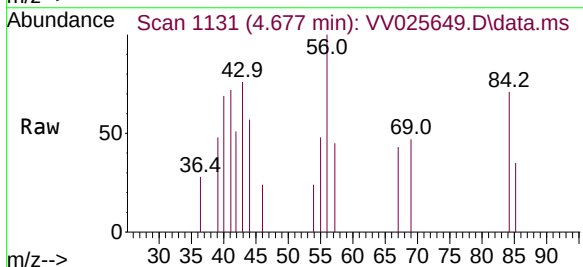
Tgt Ion: 56 Resp: 1014

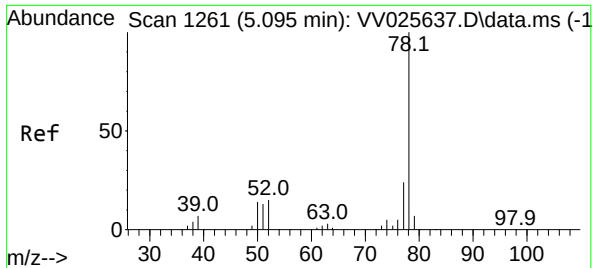
Ion Ratio Lower Upper

56 100

69 24.3 26.1 39.1#

84 95.5 78.6 118.0

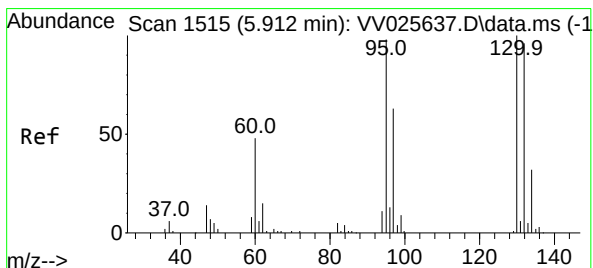
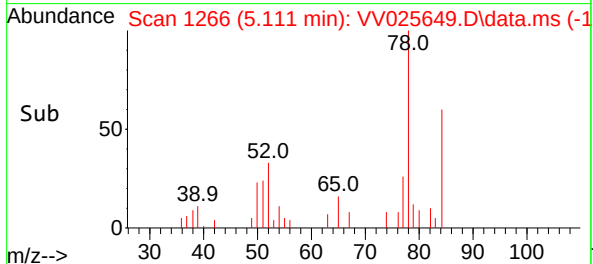
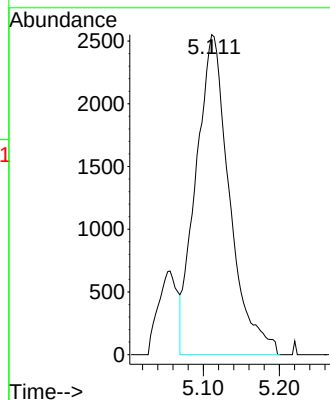
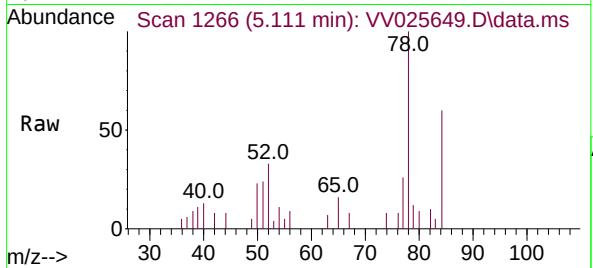




#33
Benzene
Concen: 0.222 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

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EW6T8

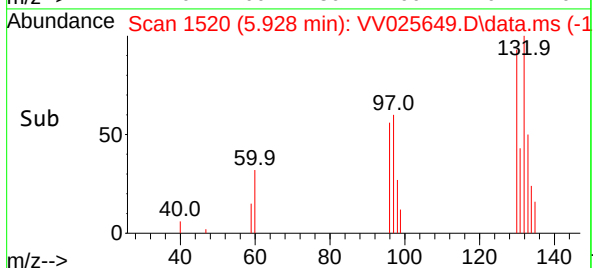
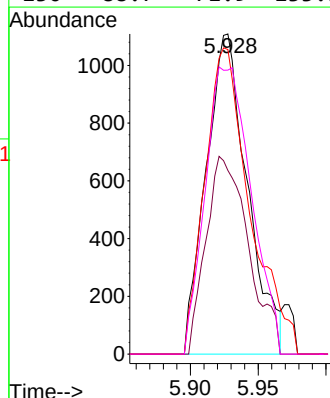
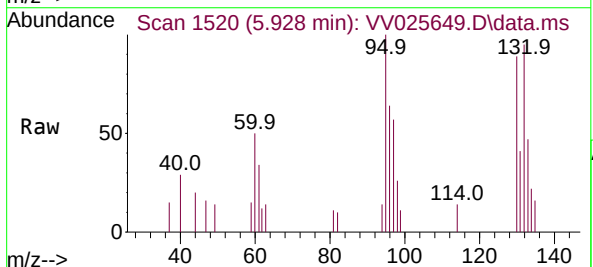
Tgt Ion: 78 Resp: 7807

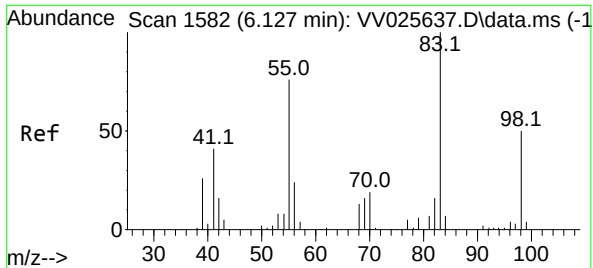


#34
Trichloroethene
Concen: 0.253 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

Tgt Ion: 95 Resp: 2356

Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.8	85.2
132	95.1	68.0	126.4
130	88.7	71.9	133.5

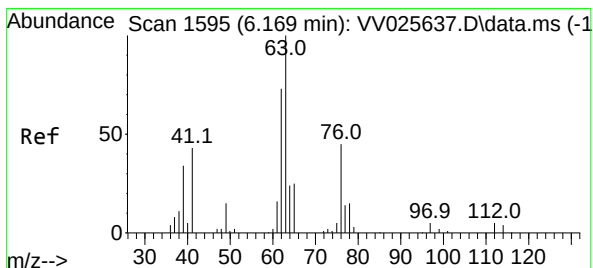
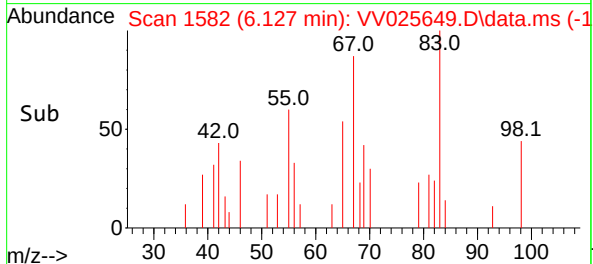
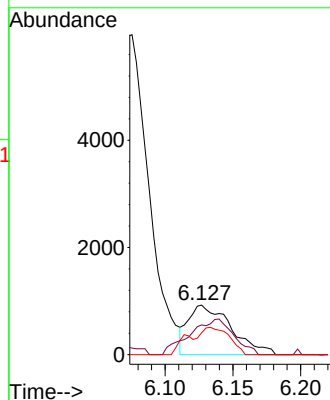
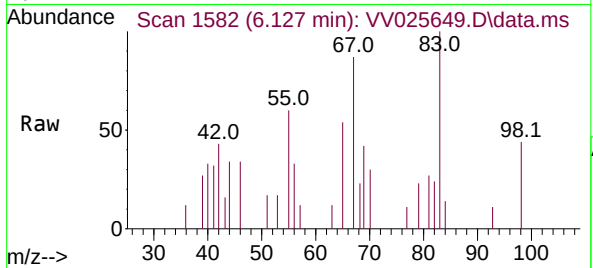




#35
Methylcyclohexane
Concen: 0.138 ug/L
RT: 6.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

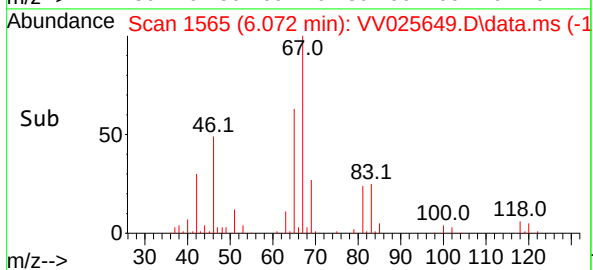
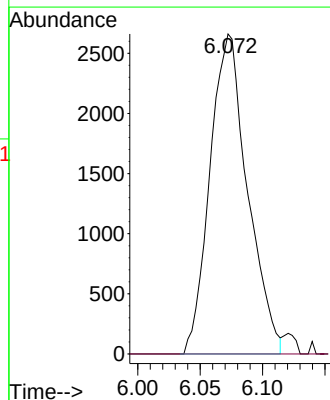
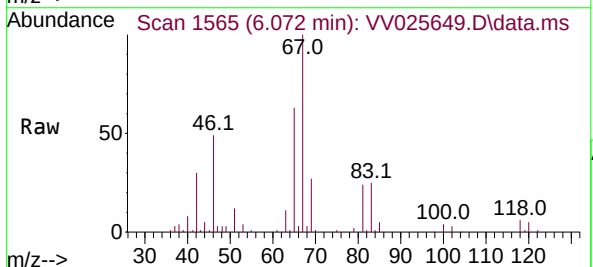
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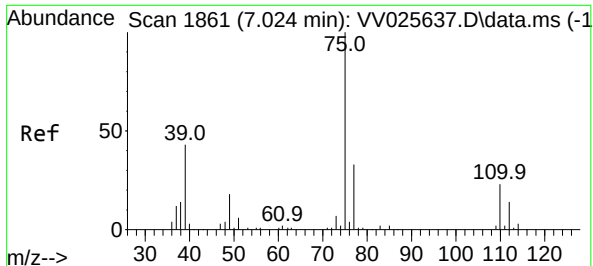
Tgt Ion: 83 Resp: 2051
Ion Ratio Lower Upper
83 100
55 73.0 53.7 80.5
98 38.1 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

Tgt Ion: 63 Resp: 5587
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 1127

Delta R.T. -0.035 min

Lab File: VV025649.D

Acq: 20 Apr 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

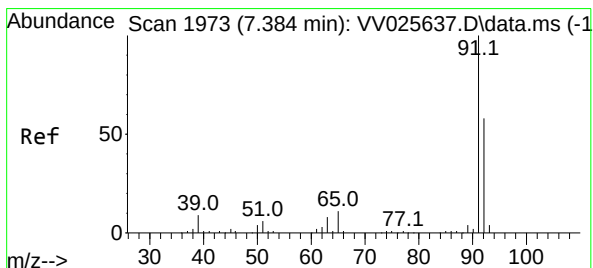
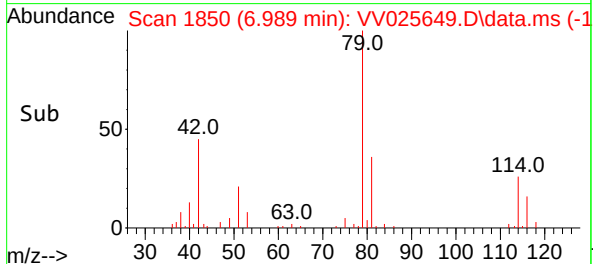
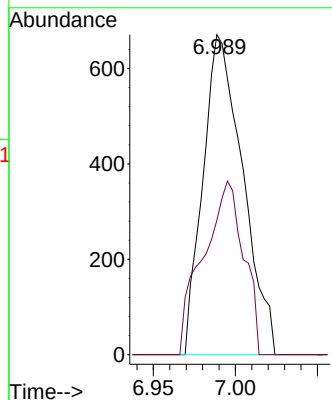
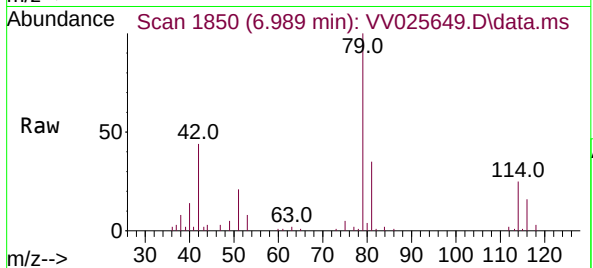
EW6T8

Tgt Ion: 75 Resp: 1127

Ion Ratio Lower Upper

75 100

77 42.0 21.8 40.6#



#42

Toluene

Concen: 0.401 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025649.D

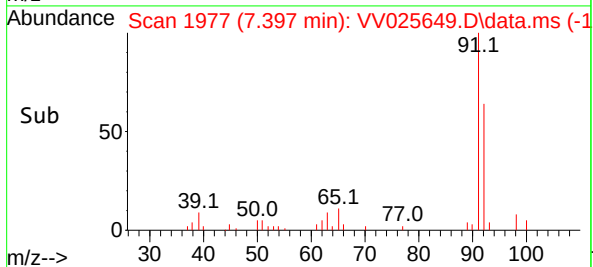
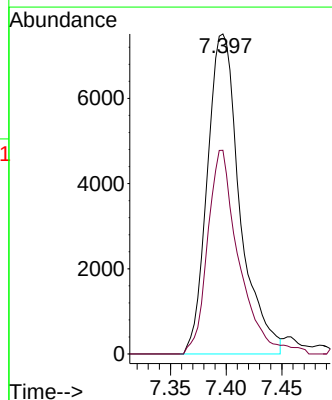
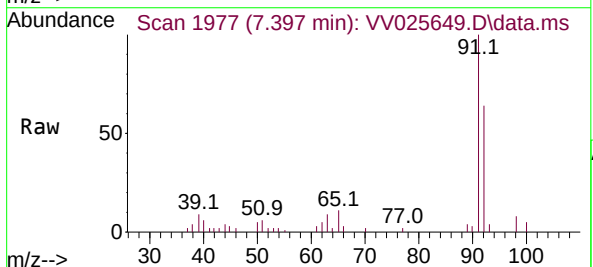
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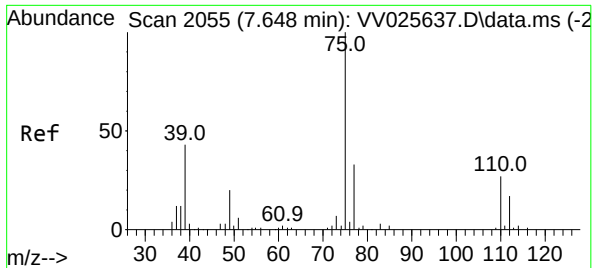
Tgt Ion: 91 Resp: 15298

Ion Ratio Lower Upper

91 100

92 63.6 40.8 75.8

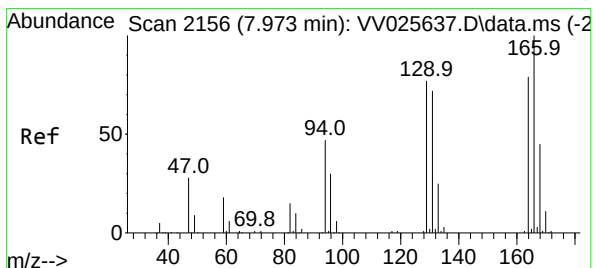
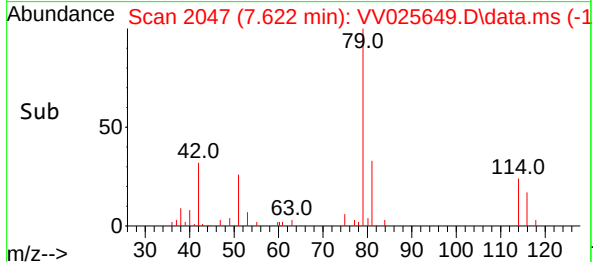
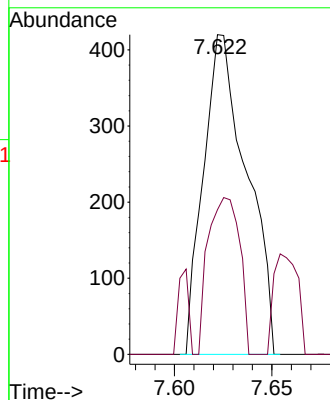
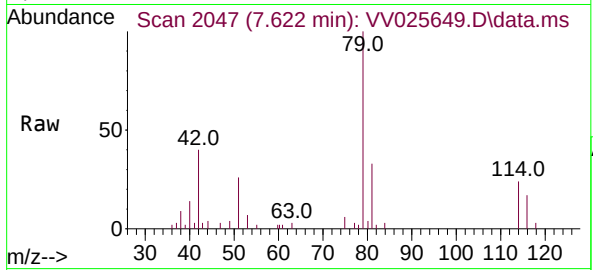




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

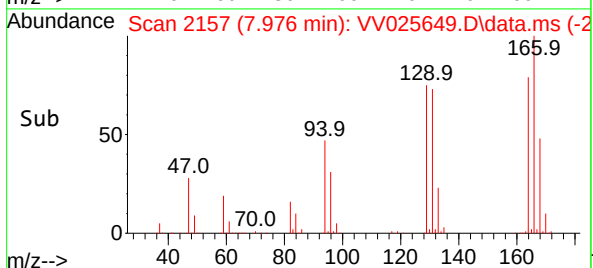
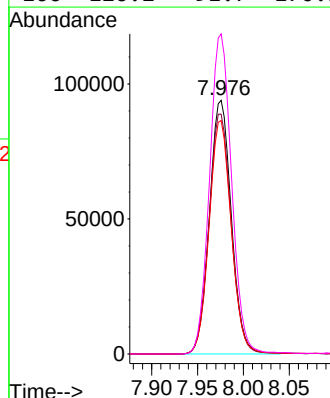
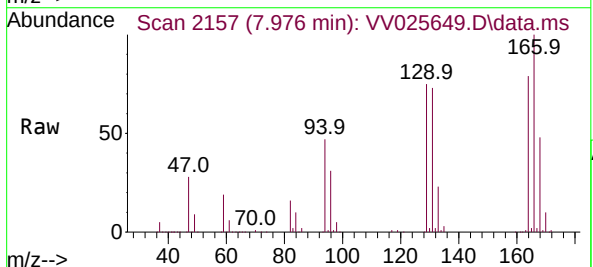
Instrument :
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EW6T8

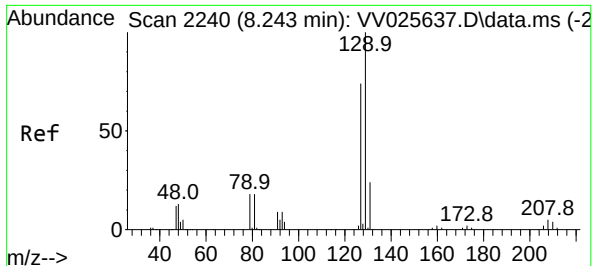
Tgt Ion: 75 Resp: 649
Ion Ratio Lower Upper
75 100
77 45.2 21.7 40.3#



#47
Tetrachloroethene
Concen: 21.417 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

Tgt Ion: 164 Resp: 156295
Ion Ratio Lower Upper
164 100
129 94.5 66.8 124.2
131 92.0 66.4 123.4
166 126.2 91.7 170.3





#49

Dibromochloromethane

Concen: 24.505 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025649.D

Acq: 20 Apr 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

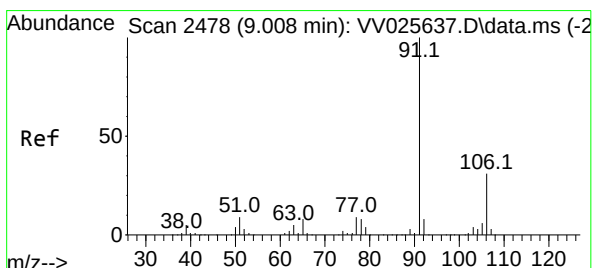
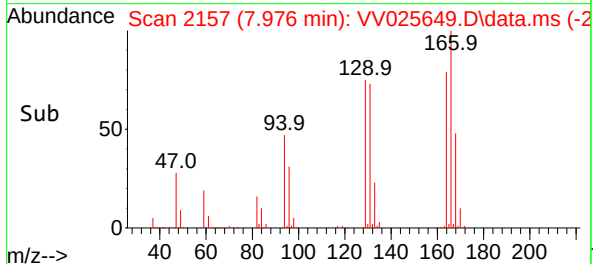
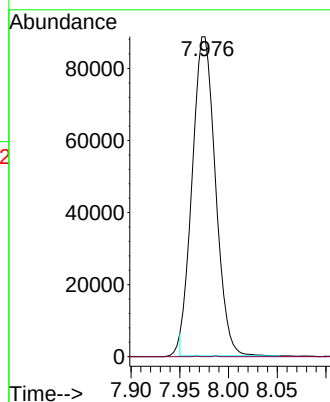
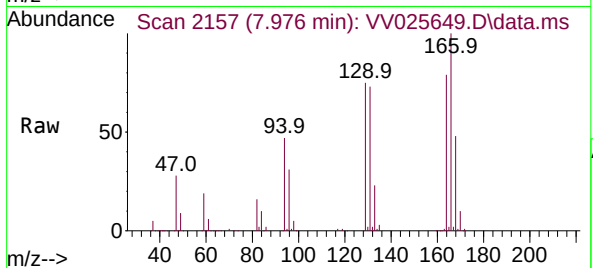
EW6T8

Tgt Ion:129 Resp: 146313

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.173 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV025649.D

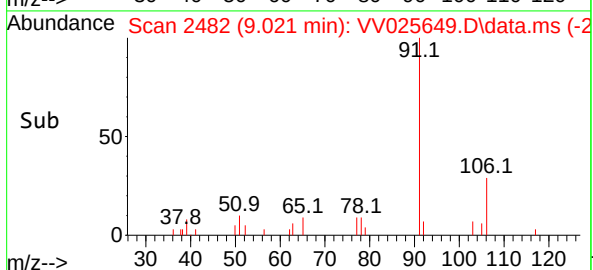
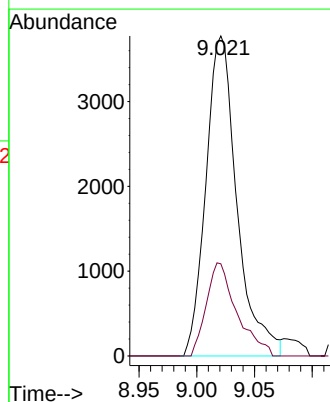
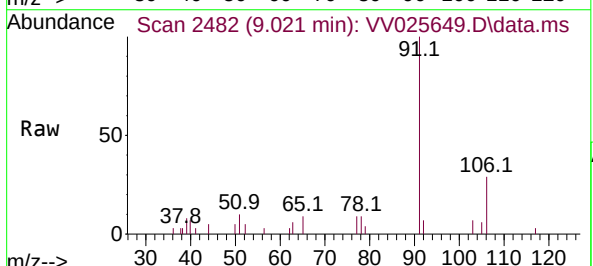
Acq: 20 Apr 2022 16:23

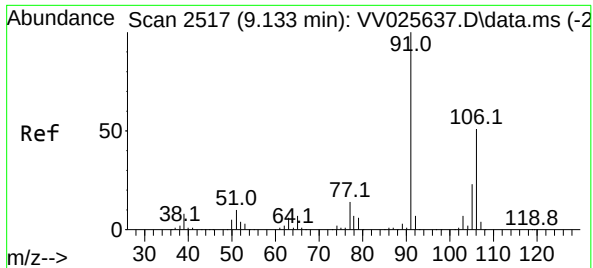
Tgt Ion: 91 Resp: 7064

Ion Ratio Lower Upper

91 100

106 28.8 22.3 41.3

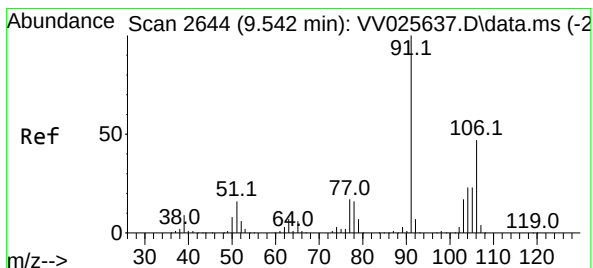
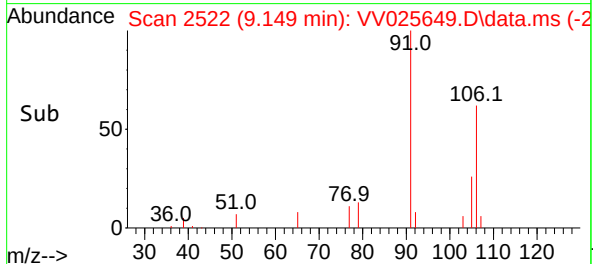
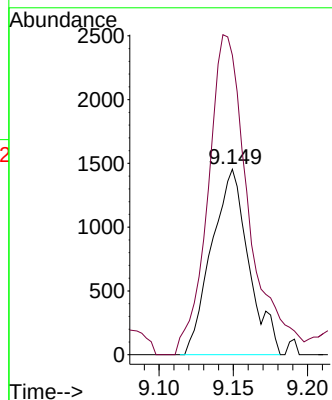
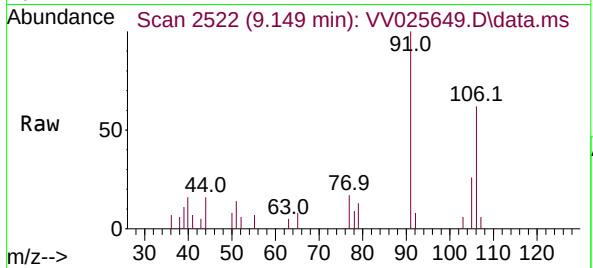




#53
m,p-Xylene
Concen: 0.163 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

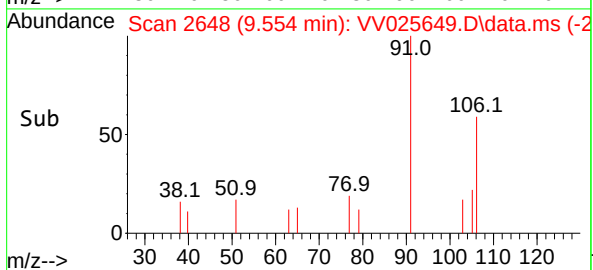
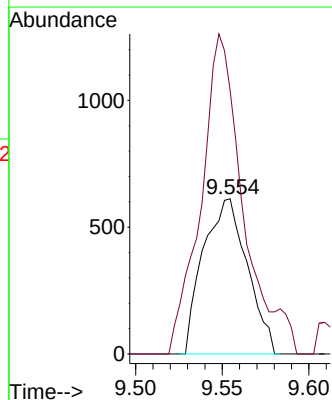
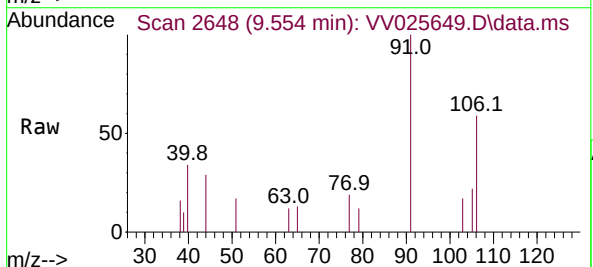
Instrument :
MSVOA_V
ClientSampleId :
EW6T8

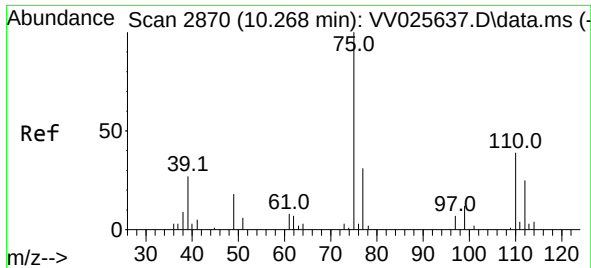
Tgt Ion:106 Resp: 2530
Ion Ratio Lower Upper
106 100
91 161.5 136.4 253.4



#54
o-Xylene
Concen: 0.072 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.013 min
Lab File: VV025649.D
Acq: 20 Apr 2022 16:23

Tgt Ion:106 Resp: 1080
Ion Ratio Lower Upper
106 100
91 169.8 150.4 279.2

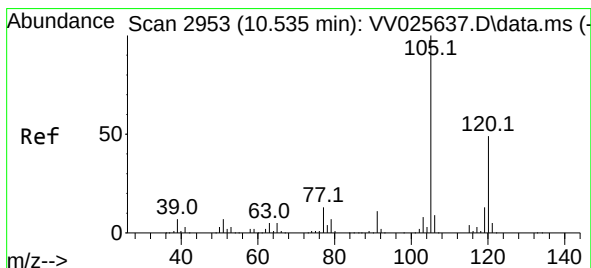
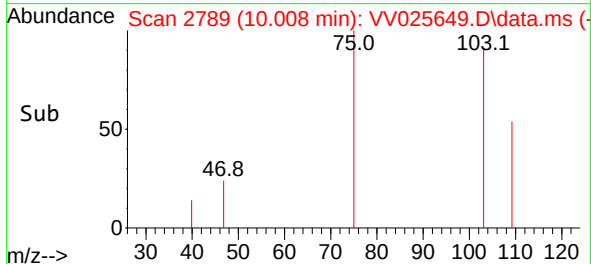
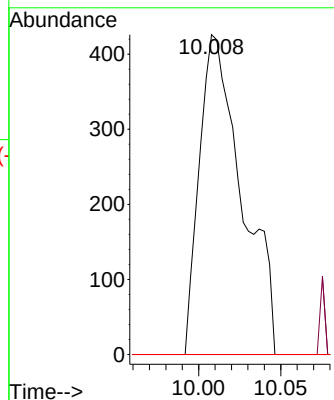
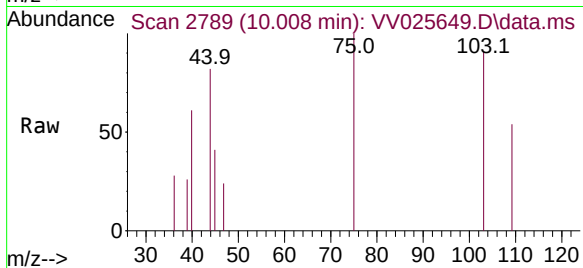




#61
 1,2,3-Trichloropropane
 Concen: 0.223 ug/L
 RT: 10.008 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV025649.D
 Acq: 20 Apr 2022 16:23

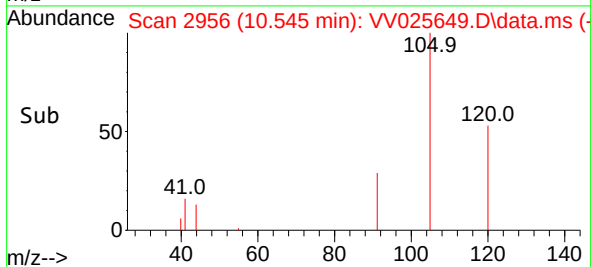
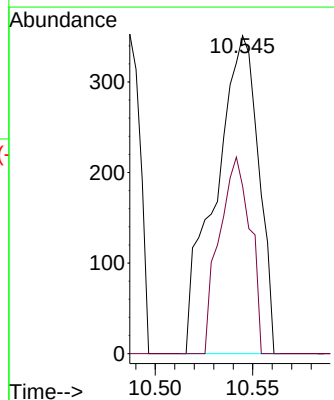
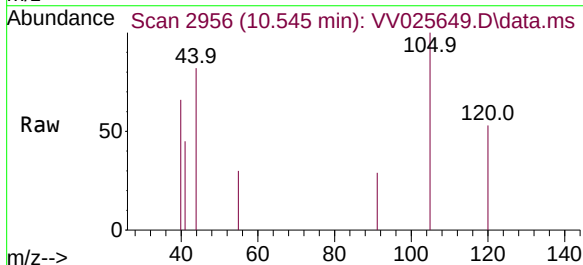
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6T8

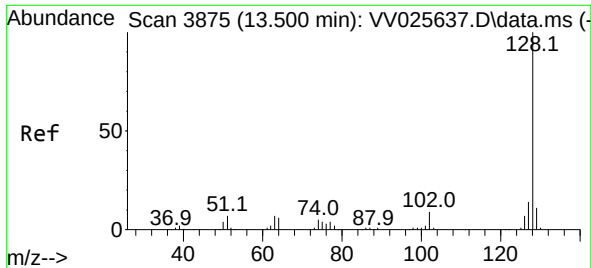
Tgt Ion: 75 Resp: 768
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 0.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.037 ug/L
 RT: 10.545 min Scan# 2956
 Delta R.T. 0.010 min
 Lab File: VV025649.D
 Acq: 20 Apr 2022 16:23

Tgt Ion: 105 Resp: 542
 Ion Ratio Lower Upper
 105 100
 120 44.1 39.6 59.4





#71

Naphthalene

Concen: 0.056 ug/L

RT: 13.513 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV025649.D

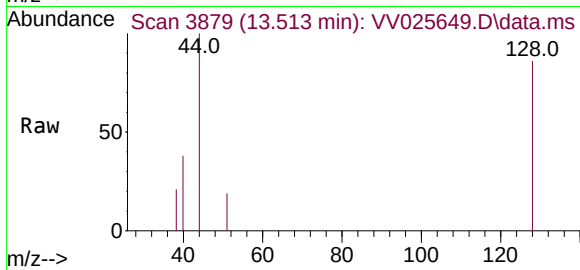
Acq: 20 Apr 2022 16:23

Instrument :

MSVOA_V

ClientSampleId :

EW6T8



Tgt Ion:128 Resp: 730

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 0.0 10.4 15.6#

