

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024571.D
 Acq On : 10 Feb 2022 16:29
 Operator : SY/MD
 Sample : N1476-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

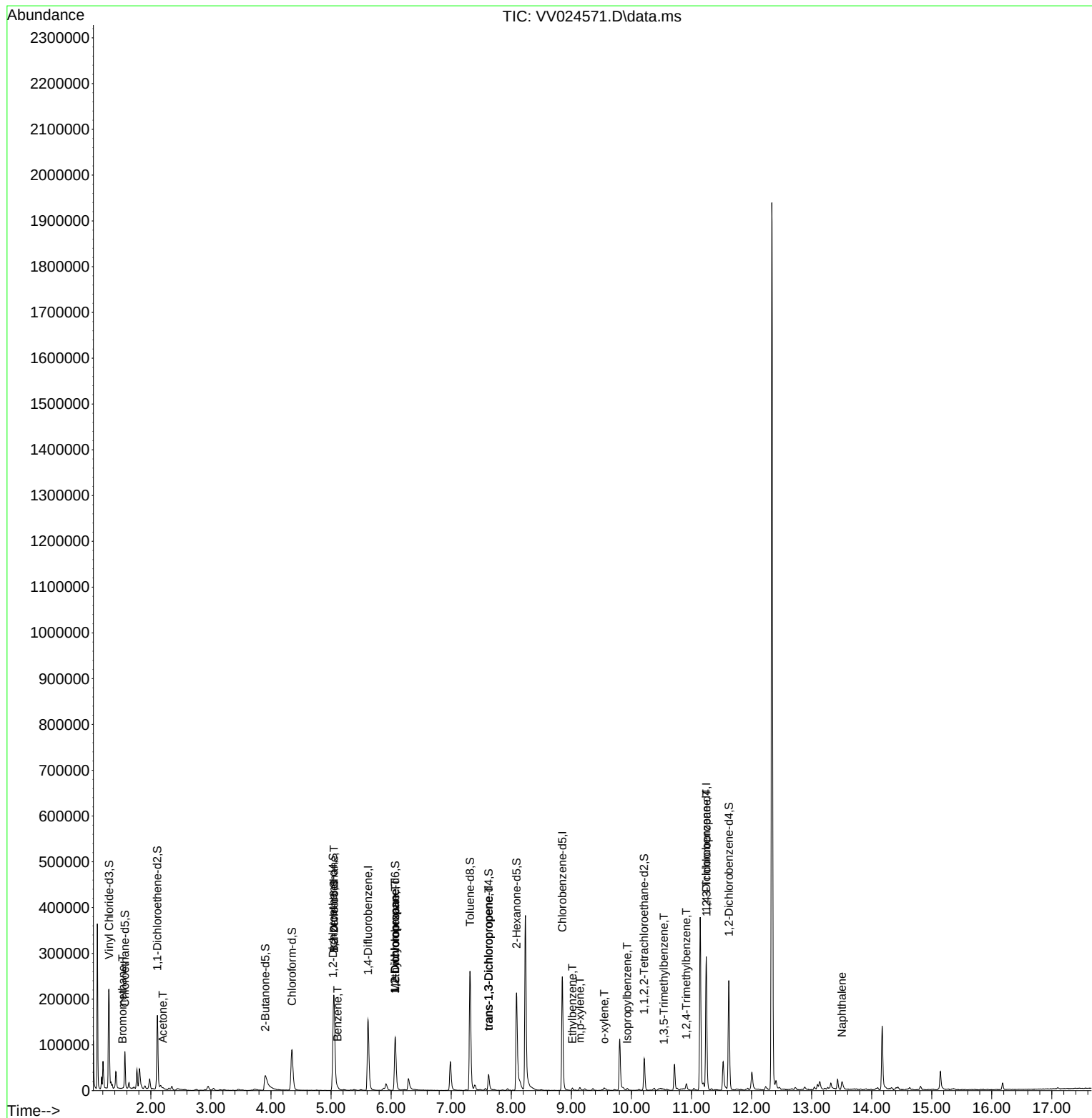
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131854	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48604	4.397	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	44792	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.108	63	79770	3.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.905	46	83128	45.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.620%
24) Chloroform-d	4.349	84	91080	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.034	65	42999	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	189631	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	56700	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.313	98	172276	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.622	79	21701	4.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	84869	51.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34898	5.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	54705	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	455	0.040	ug/L	78
13) Acetone	2.198	43	8961	6.189	ug/L	79
27) 1,2-Dichloroethane	5.050	62	972	0.073	ug/L #	73
33) Benzene	5.108	78	4974	0.097	ug/L	100
35) Methylcyclohexane	6.069	83	13290	0.569	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6362	0.512	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1253	0.080	ug/L #	70
52) Ethylbenzene	9.018	91	4059	0.065	ug/L	98
53) m,p-xylene	9.143	106	1873	0.080	ug/L	99
54) o-xylene	9.548	106	1425	0.063	ug/L	89
60) Isopropylbenzene	9.931	105	2742	0.045	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	9590	1.458	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.542	105	1628	0.031	ug/L	90
63) 1,2,4-Trimethylbenzene	10.915	105	7015	0.136	ug/L	96
71) Naphthalene	13.506	128	4677	0.182	ug/L	97

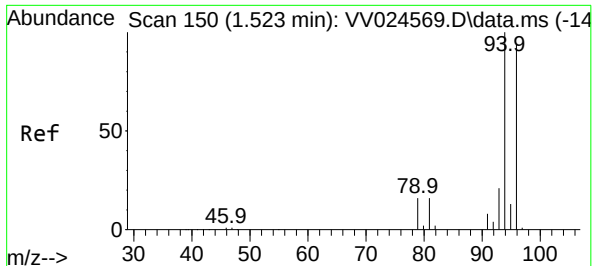
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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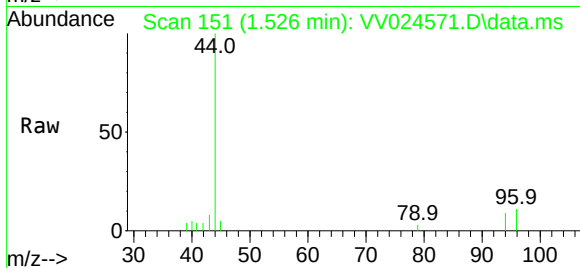
Quant Time: Feb 11 23:55:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
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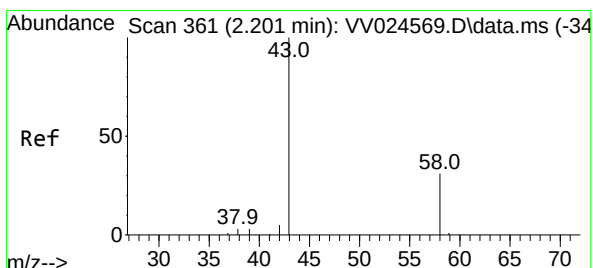
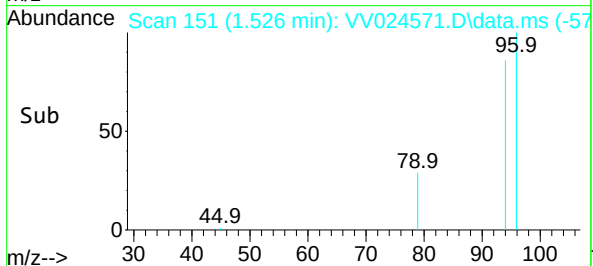
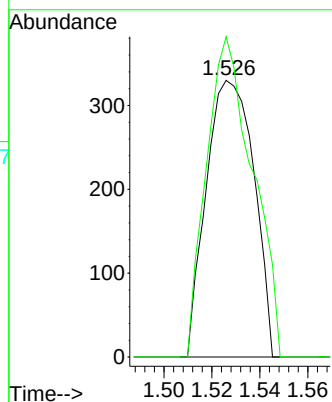


#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Instrument :
MSVOA_V
ClientSampleId :

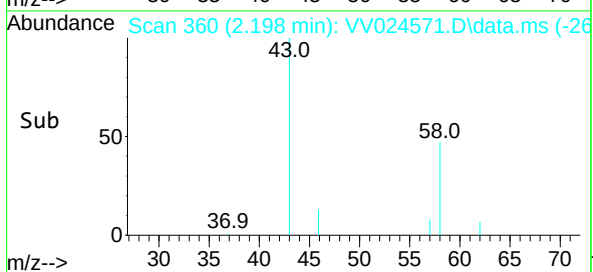
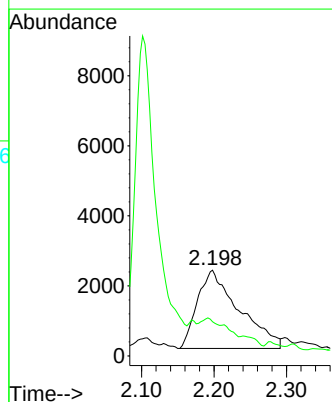
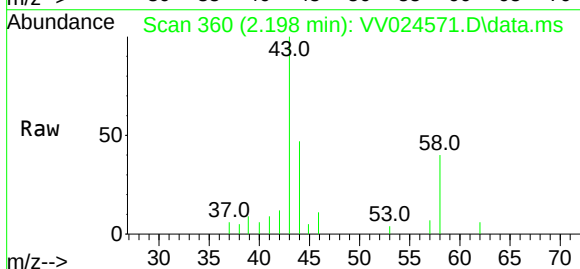


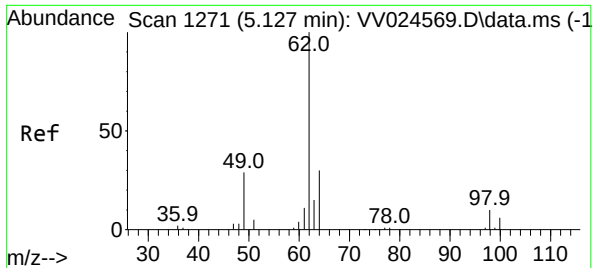
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 115.8 66.2 123.0



#13
Acetone
Concen: 6.189 ug/L
RT: 2.198 min Scan# 360
Delta R.T. -0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion: 43 Resp: 8961
Ion Ratio Lower Upper
43 100
58 10.7 0.0 41.4





#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV024571.D

Acq: 10 Feb 2022 16:29

Instrument :

MSVOA_V

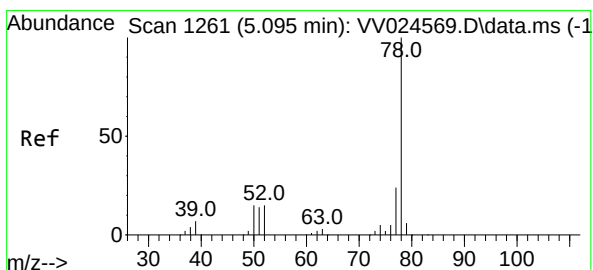
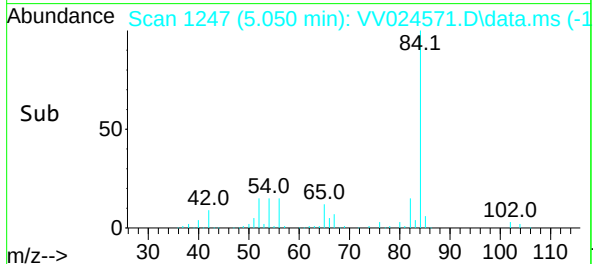
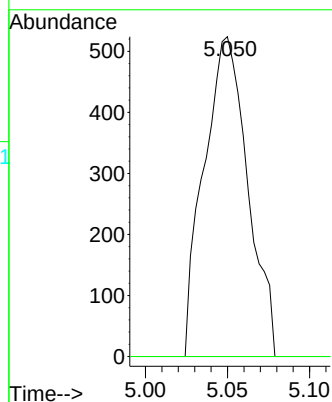
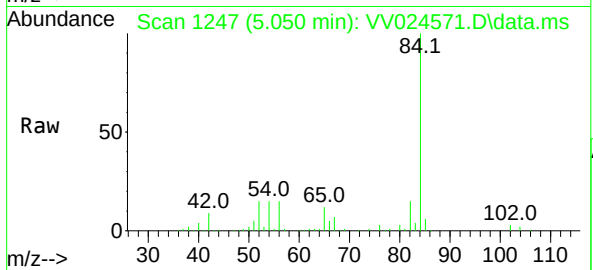
ClientSampleId :

Tgt Ion: 62 Resp: 972

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#33

Benzene

Concen: 0.097 ug/L

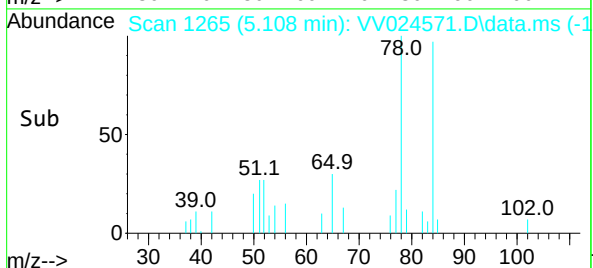
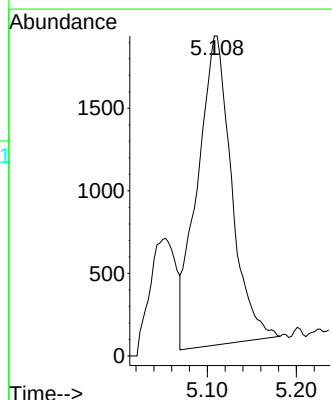
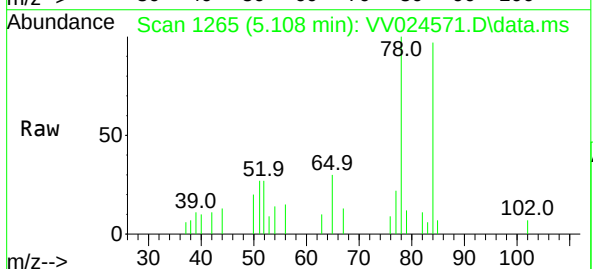
RT: 5.108 min Scan# 1265

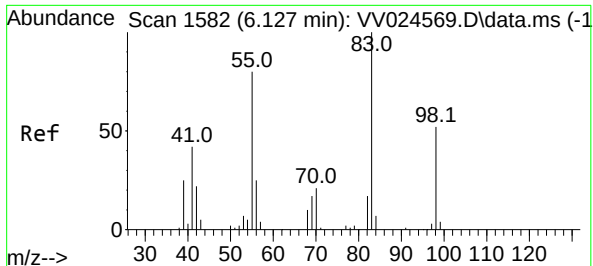
Delta R.T. 0.013 min

Lab File: VV024571.D

Acq: 10 Feb 2022 16:29

Tgt Ion: 78 Resp: 4974





#35

Methylcyclohexane

Concen: 0.569 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024571.D

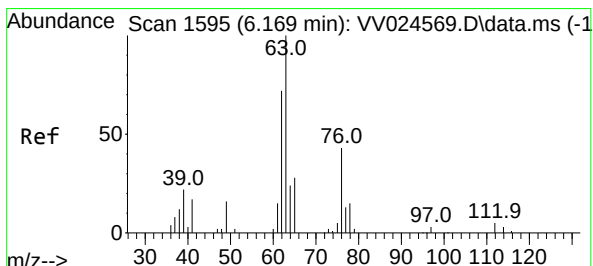
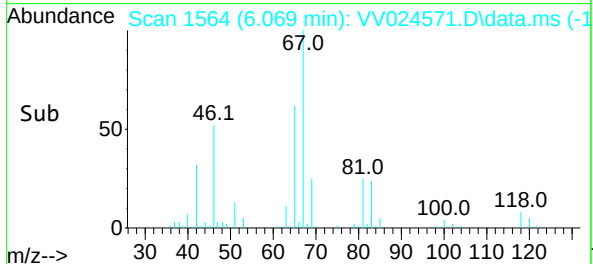
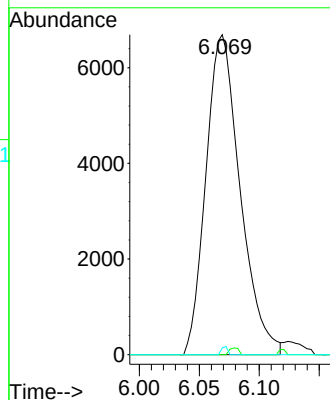
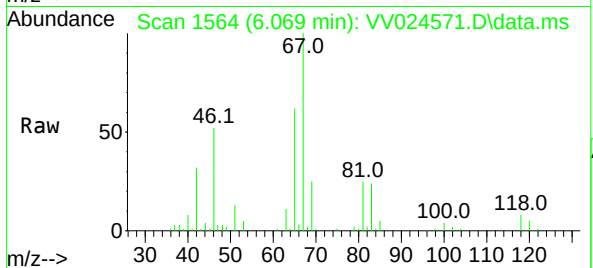
Acq: 10 Feb 2022 16:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13290
Ion Ratio	Lower Upper
83 100	
55 0.6	60.2 90.2#
98 0.5	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

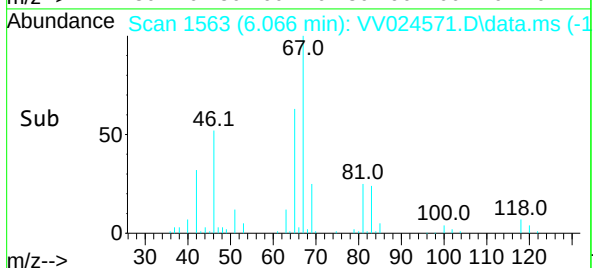
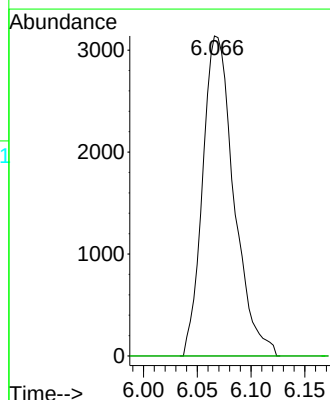
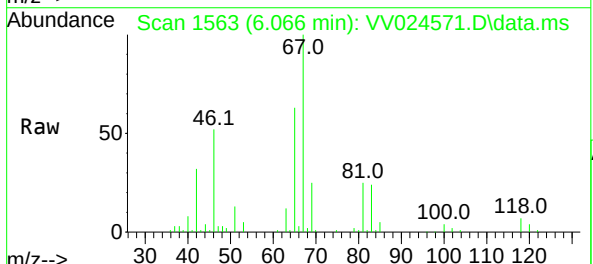
RT: 6.066 min Scan# 1563

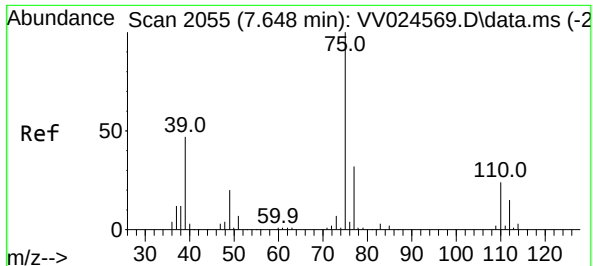
Delta R.T. -0.103 min

Lab File: VV024571.D

Acq: 10 Feb 2022 16:29

Tgt Ion: 63	Resp: 6362
Ion Ratio	Lower Upper
63 100	
112 0.3	4.3 6.5#

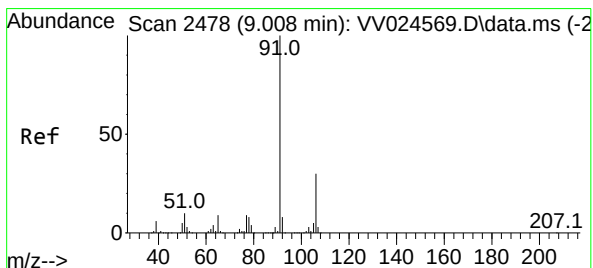
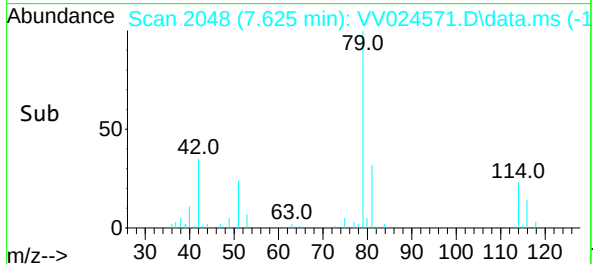
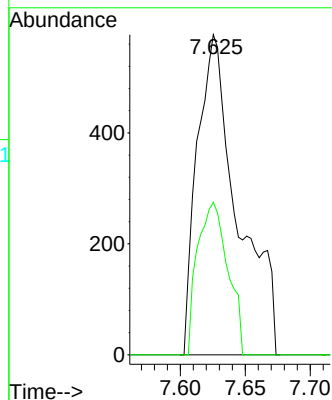
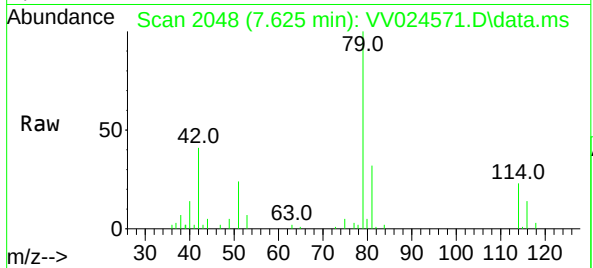




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

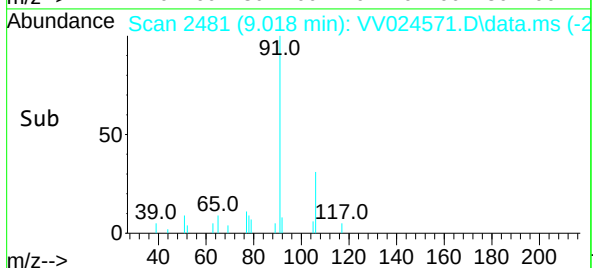
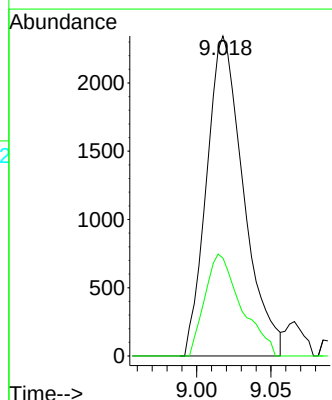
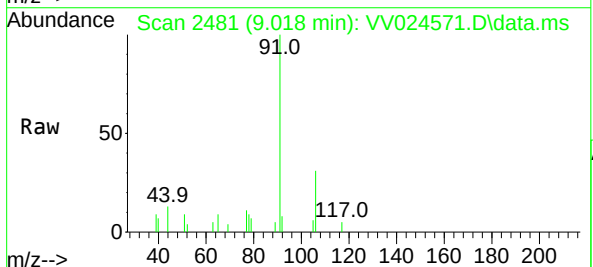
Instrument :
MSVOA_V
ClientSampleId :

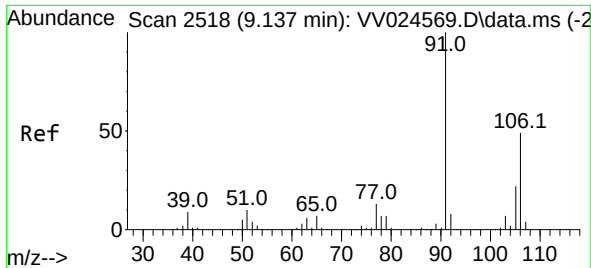
Tgt Ion: 75 Resp: 1253
Ion Ratio Lower Upper
75 100
77 47.7 21.8 40.4#



#52
Ethylbenzene
Concen: 0.065 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

Tgt Ion: 91 Resp: 4059
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0

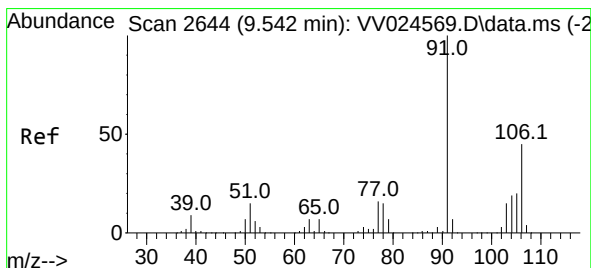
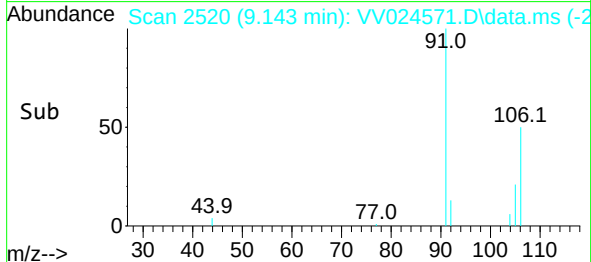
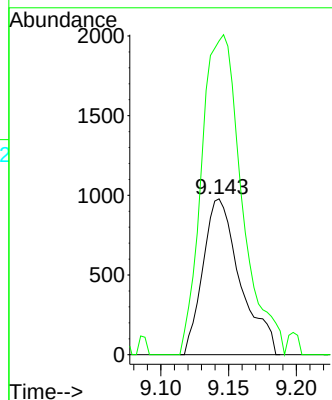
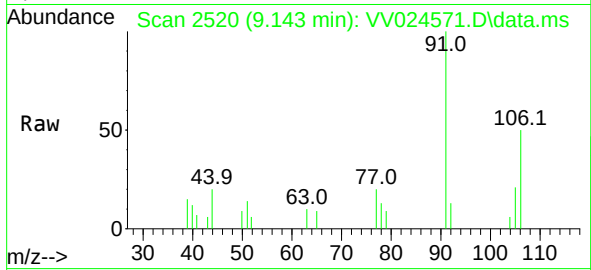




#53
m,p-xylene
Concen: 0.080 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

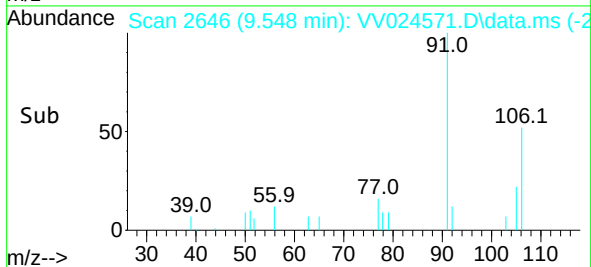
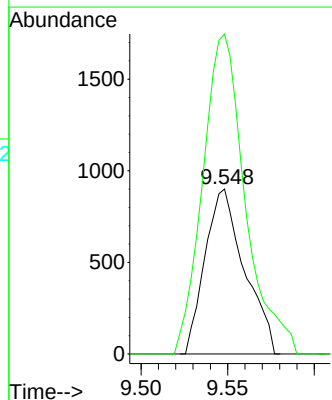
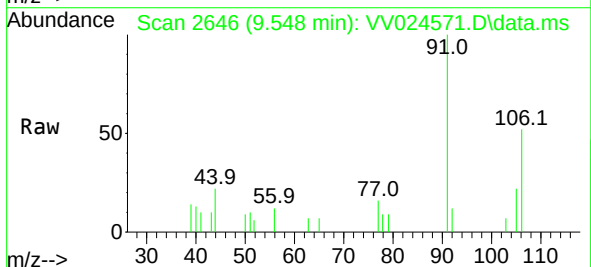
Instrument :
MSVOA_V
ClientSampleId :

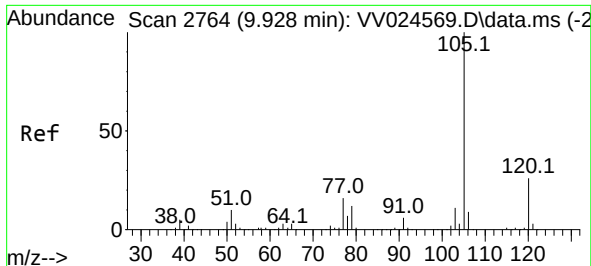
Tgt Ion:106 Resp: 1873
Ion Ratio Lower Upper
106 100
91 201.3 139.5 259.1



#54
o-xylene
Concen: 0.063 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

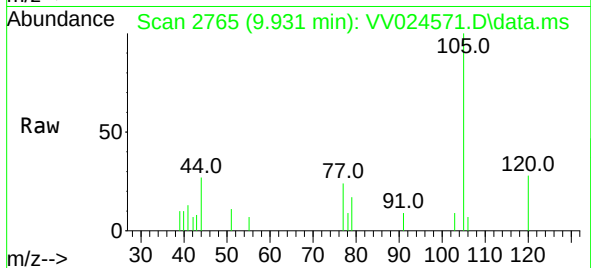
Tgt Ion:106 Resp: 1425
Ion Ratio Lower Upper
106 100
91 193.9 147.9 274.7



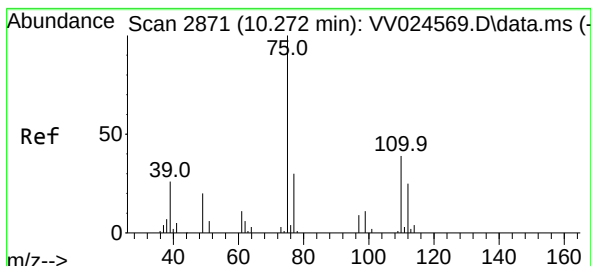
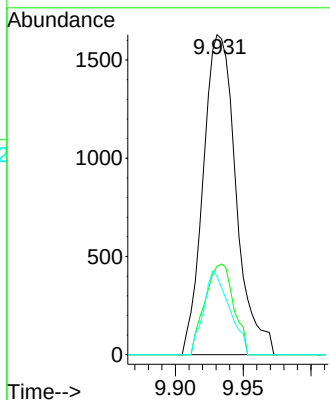
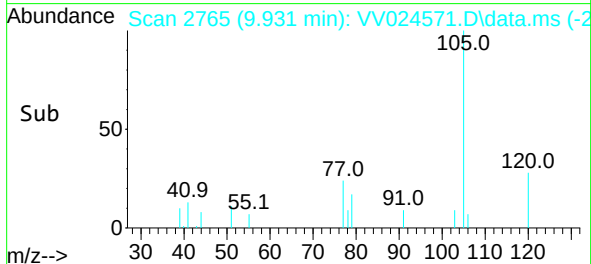


#60
Isopropylbenzene
Concen: 0.045 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29

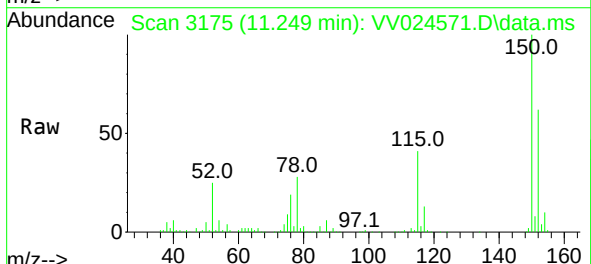
Instrument :
MSVOA_V
ClientSampleId :



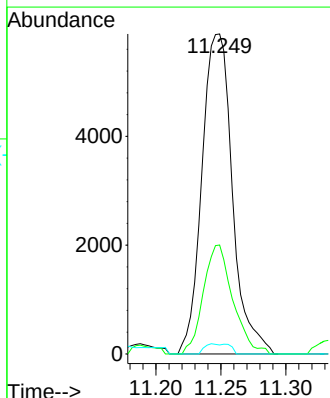
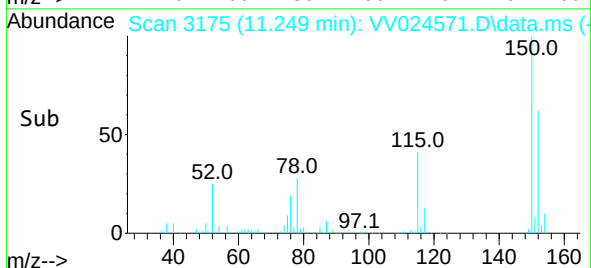
Tgt Ion:105 Resp: 2742
Ion Ratio Lower Upper
105 100
120 24.8 21.4 32.0
77 20.6 12.2 18.4#

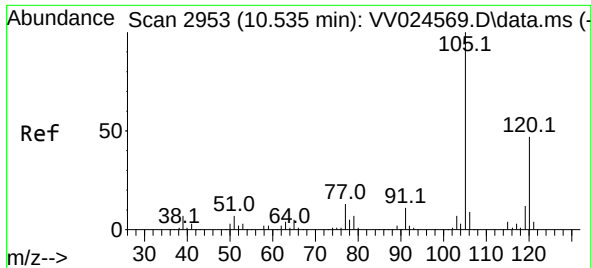


#61
1,2,3-Trichloropropane
Concen: 1.458 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024571.D
Acq: 10 Feb 2022 16:29



Tgt Ion: 75 Resp: 9590
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
110 2.6 34.2 51.2#





#62

1,3,5-Trimethylbenzene

Concen: 0.031 ug/L

RT: 10.542 min Scan# 2953

Delta R.T. 0.006 min

Lab File: VV024571.D

Acq: 10 Feb 2022 16:29

Instrument :

MSVOA_V

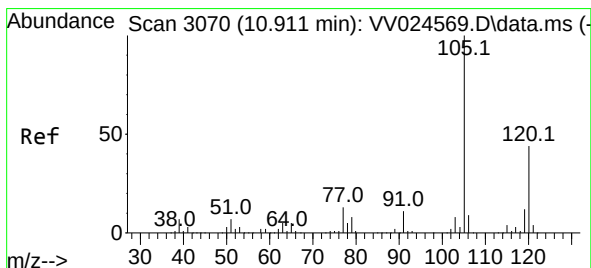
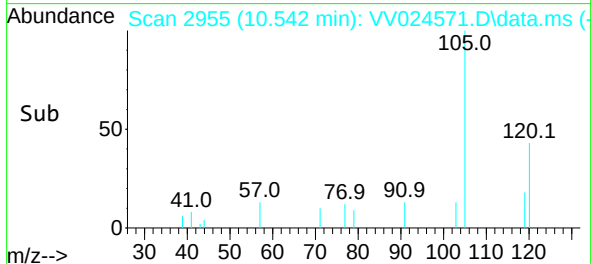
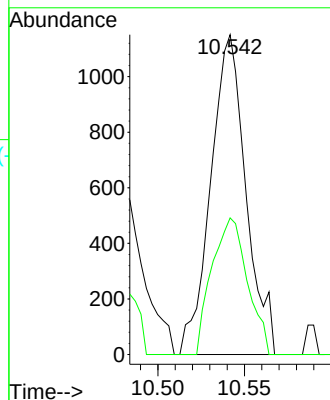
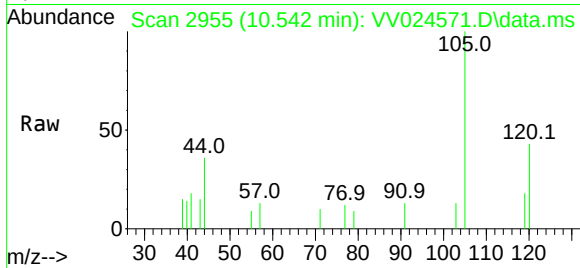
ClientSampleId :

Tgt Ion:105 Resp: 1628

Ion Ratio Lower Upper

105 100

120 43.2 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 0.136 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024571.D

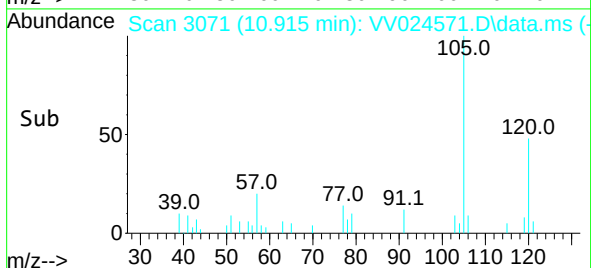
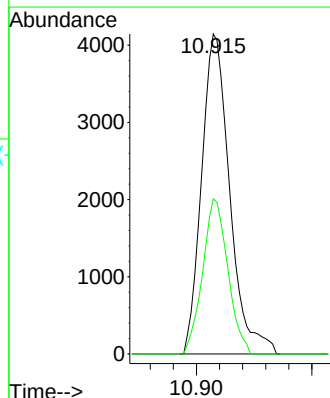
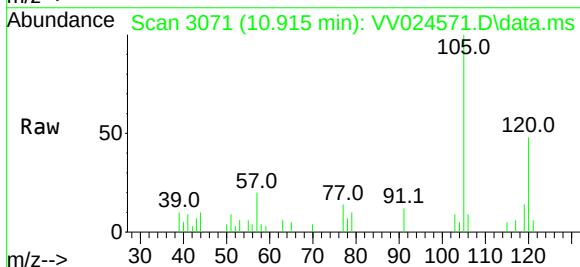
Acq: 10 Feb 2022 16:29

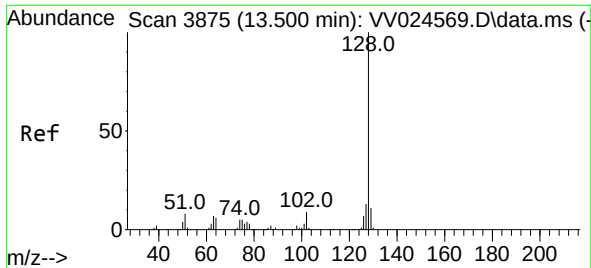
Tgt Ion:105 Resp: 7015

Ion Ratio Lower Upper

105 100

120 43.3 36.7 55.1





#71

Naphthalene

Concen: 0.182 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

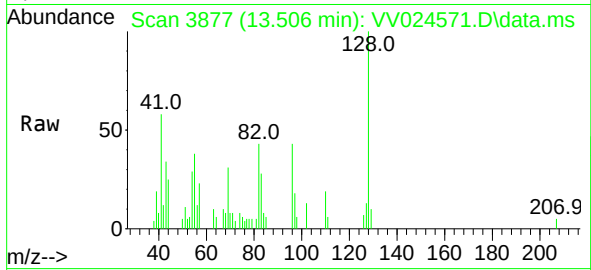
Lab File: VV024571.D

Acq: 10 Feb 2022 16:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 4677

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

127 11.4 10.2 15.4

