

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024120.D
 Acq On : 20 Dec 2021 04:11
 Operator : SY/MD
 Sample : M5148-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 05:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

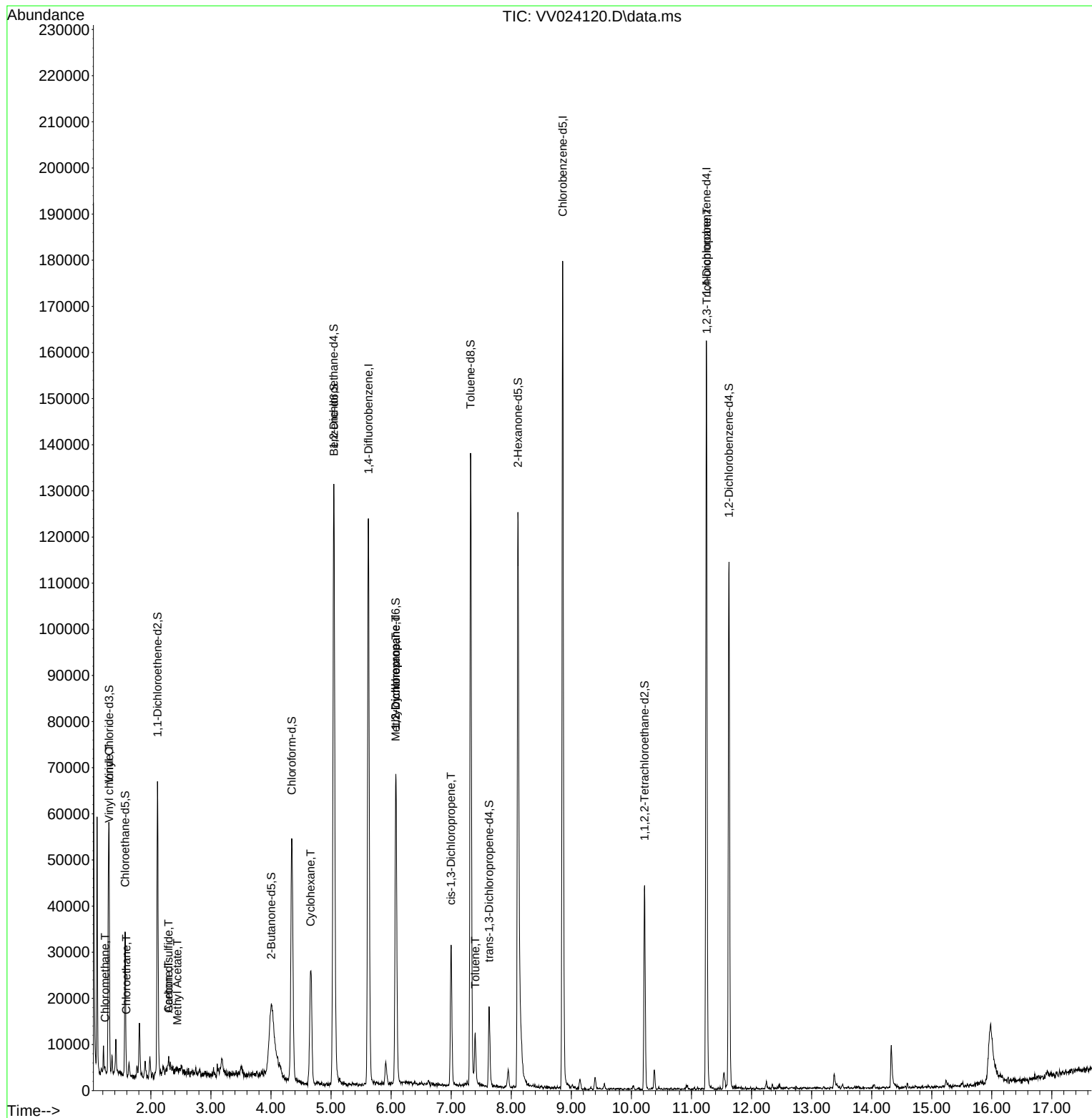
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	105655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	98939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43615	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18977	3.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.571	69	17270	3.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.111	63	31439	2.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	4.005	46	50853	45.826	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.660%
24) Chloroform-d	4.346	84	53380	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.043	65	28145	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.050	84	101815	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.079	67	29462	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.323	98	89479	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.632	79	9355	3.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.111	63	44739	40.747	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	19620	4.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	30458	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
3) Chloromethane	1.236	50	518	0.066	ug/L	89
5) Vinyl chloride	1.307	62	849	0.100	ug/L #	1
8) Chloroethane	1.590	64	609	0.110	ug/L	97
13) Acetone	2.294	43	2836	3.194	ug/L	94
14) Carbon disulfide	2.294	76	1809	0.088	ug/L	99
15) Methyl Acetate	2.439	43	689	0.320	ug/L #	50
30) Cyclohexane	4.661	56	13093	1.275	ug/L	96
35) Methylcyclohexane	6.075	83	8408	0.724	ug/L #	18
37) 1,2-Dichloropropane	6.079	63	3880	0.583	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	897	0.091	ug/L #	75
42) Toluene	7.400	91	7512	0.238	ug/L	93
61) 1,2,3-Trichloropropane	11.252	75	4345	1.462	ug/L #	63

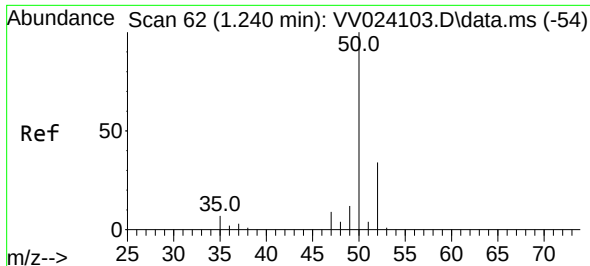
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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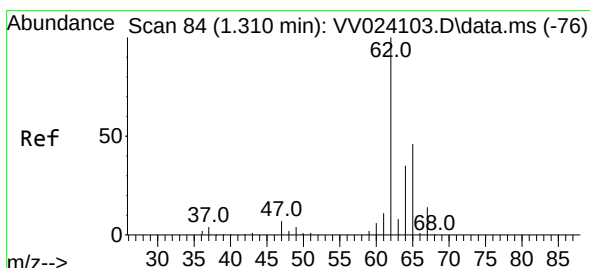
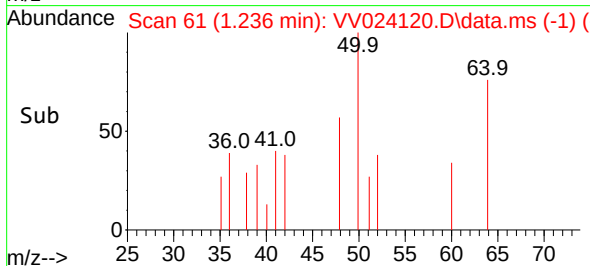
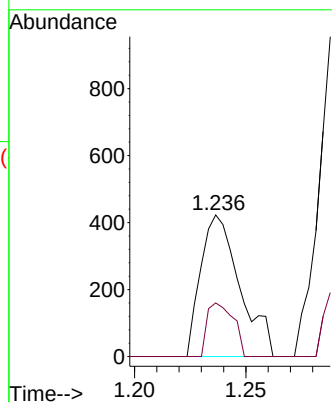
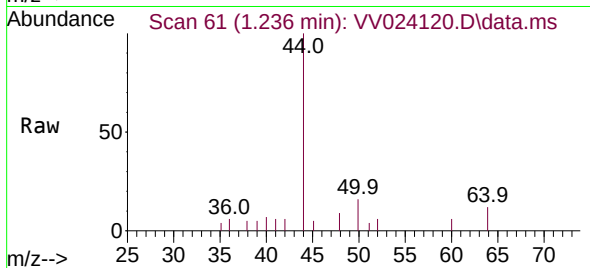




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

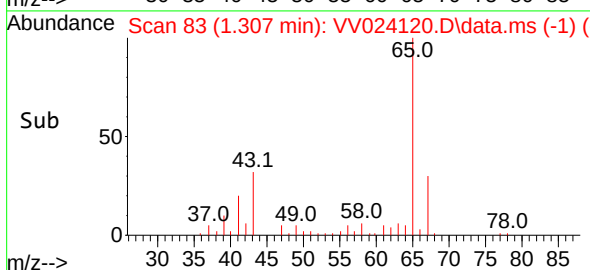
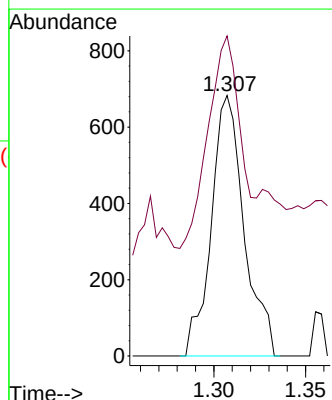
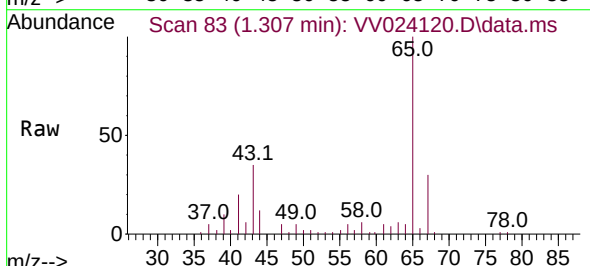
Instrument :
MSVOA_V
ClientSampleId :

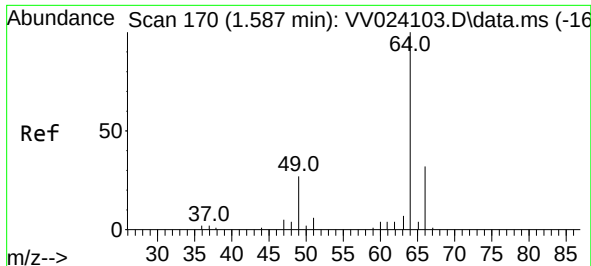
Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 37.8 22.0 41.0



#5
Vinyl chloride
Concen: 0.100 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

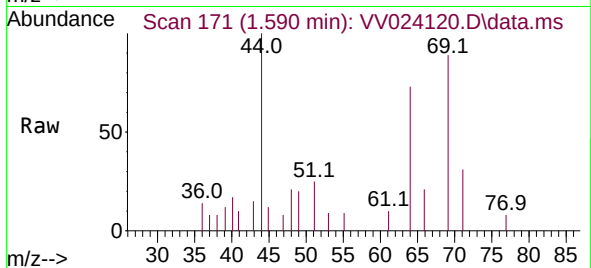
Tgt Ion: 62 Resp: 849
Ion Ratio Lower Upper
62 100
64 122.8 22.4 41.6#



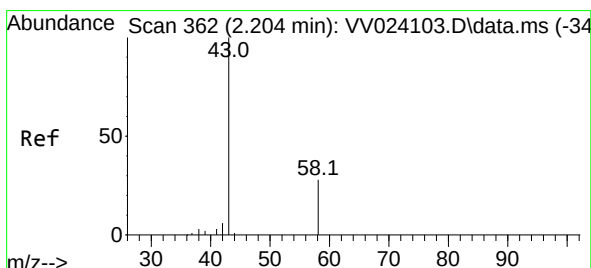
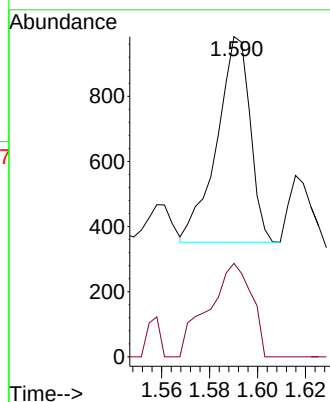
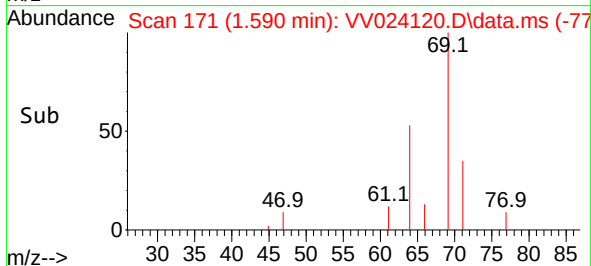


#8
Chloroethane
Concen: 0.110 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

Instrument :
MSVOA_V
ClientSampleId :

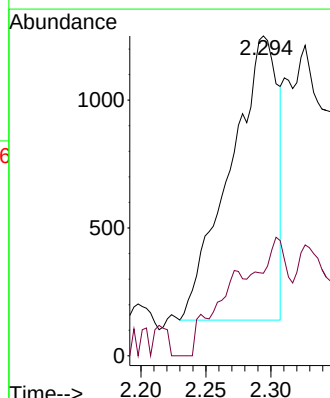
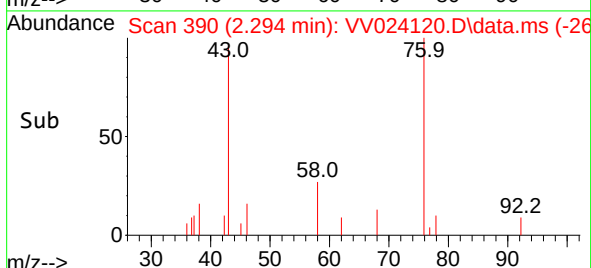
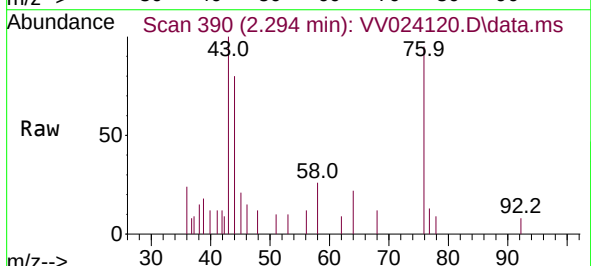


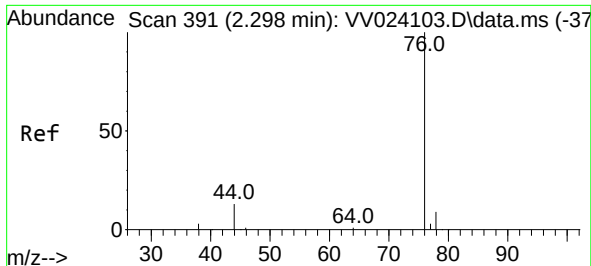
Tgt Ion: 64 Resp: 609
Ion Ratio Lower Upper
64 100
66 29.2 21.4 39.8



#13
Acetone
Concen: 3.194 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.090 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

Tgt Ion: 43 Resp: 2836
Ion Ratio Lower Upper
43 100
58 18.0 0.0 41.4

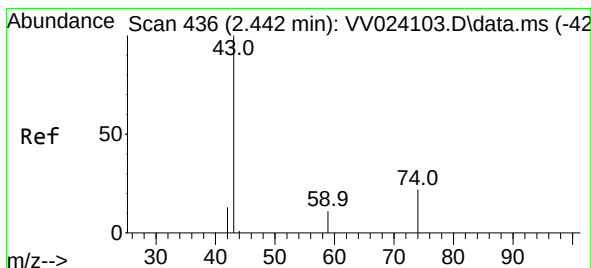
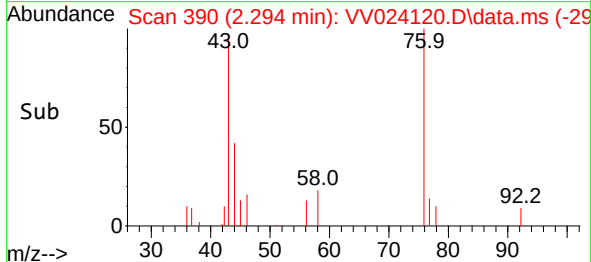
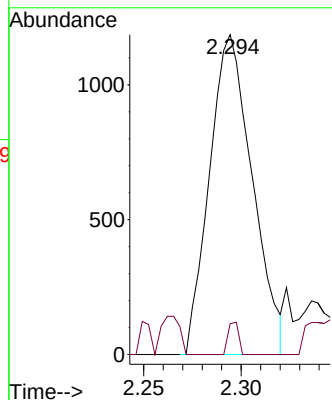
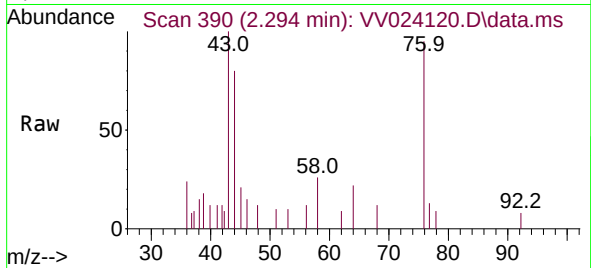




#14
Carbon disulfide
Concen: 0.088 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

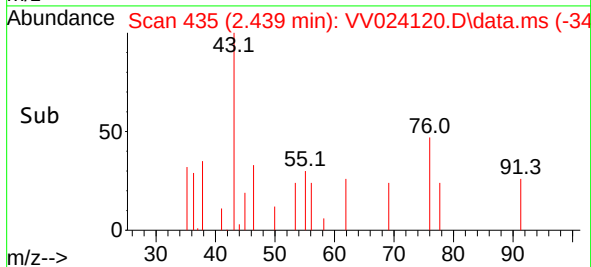
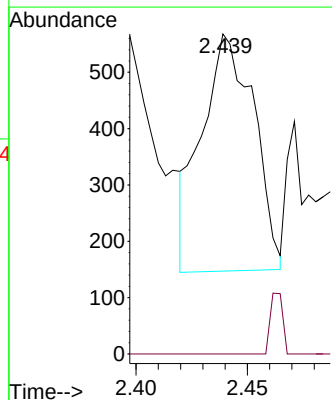
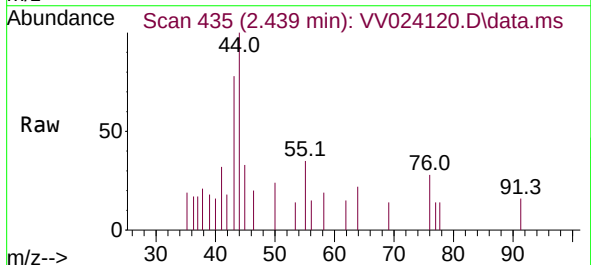
Instrument :
MSVOA_V
ClientSampleId :

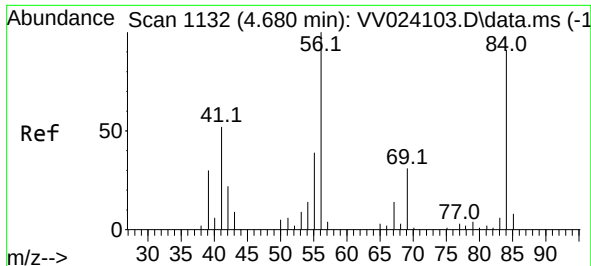
Tgt Ion: 76 Resp: 1809
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#15
Methyl Acetate
Concen: 0.320 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

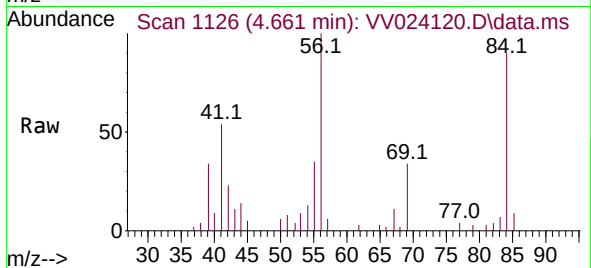
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



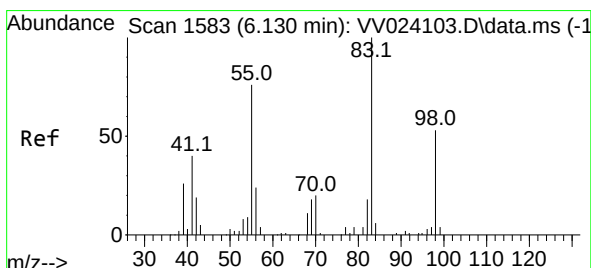
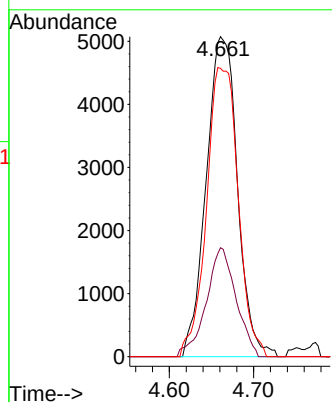
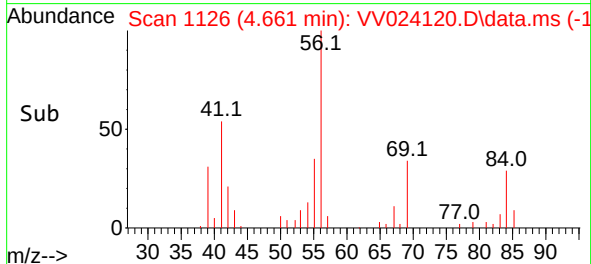


#30
Cyclohexane
Concen: 1.275 ug/L
RT: 4.661 min Scan# 1132
Delta R.T. -0.019 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

Instrument :
MSVOA_V
ClientSampleId :

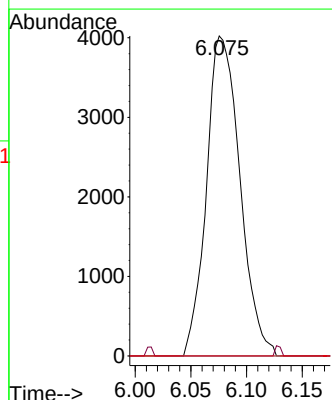
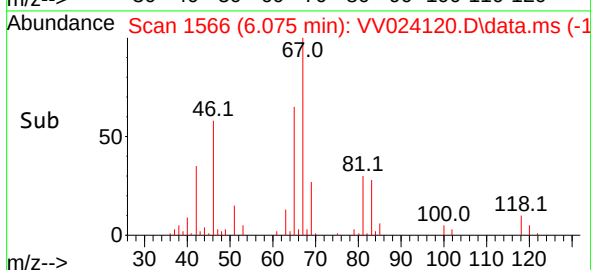
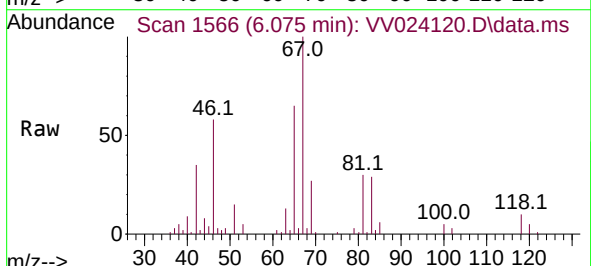


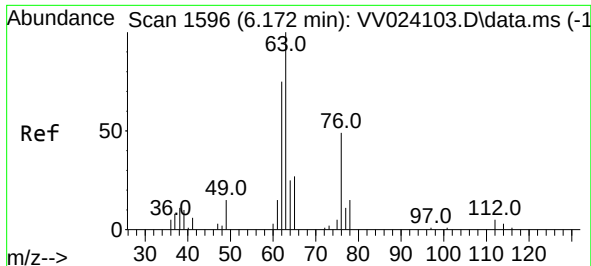
Tgt Ion:	56	Resp:	13093
Ion Ratio	Lower	Upper	
56	100		
69	32.4	24.8	37.2
84	91.1	75.9	113.9



#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV024120.D
Acq: 20 Dec 2021 04:11

Tgt Ion:	83	Resp:	8408
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.2	90.2#
98	0.0	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV024120.D

Acq: 20 Dec 2021 04:11

Instrument :

MSVOA_V

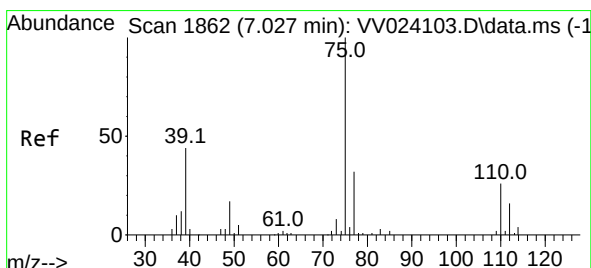
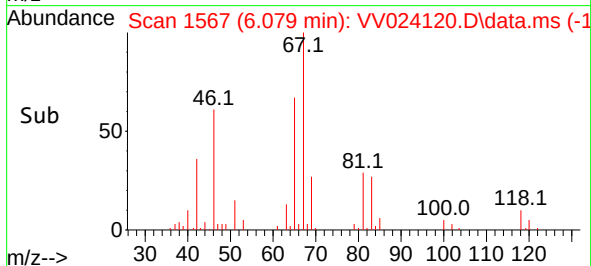
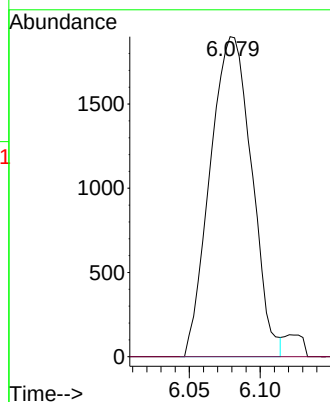
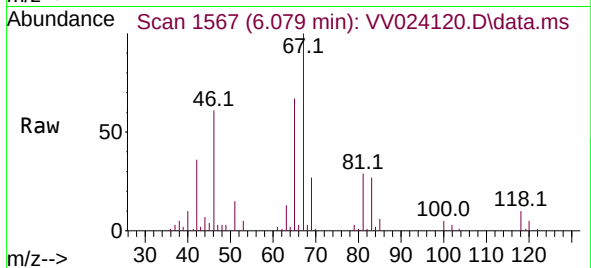
ClientSampleId :

Tgt Ion: 63 Resp: 3880

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV024120.D

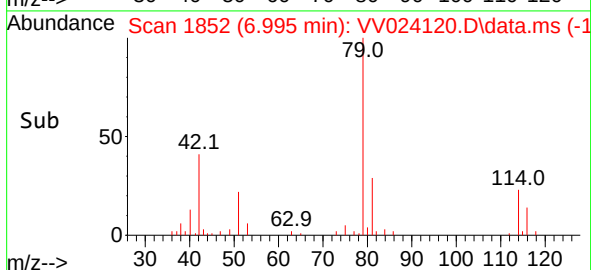
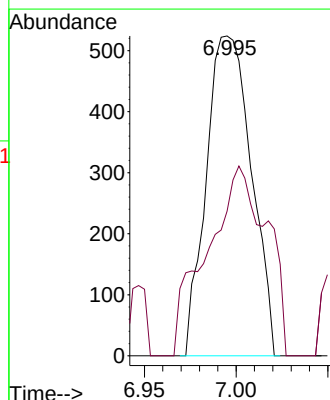
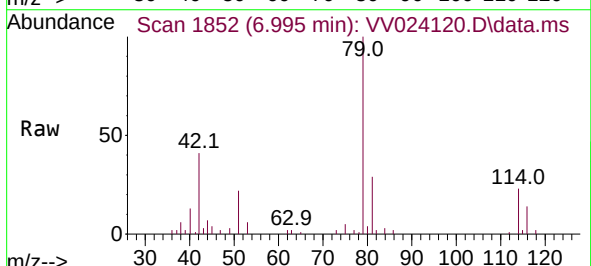
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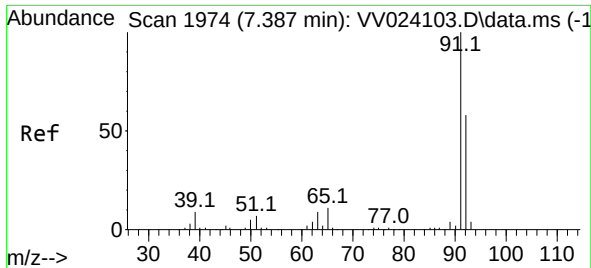
Tgt Ion: 75 Resp: 897

Ion Ratio Lower Upper

75 100

77 45.2 22.0 41.0#





#42

Toluene

Concen: 0.238 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV024120.D

Acq: 20 Dec 2021 04:11

Instrument :

MSVOA_V

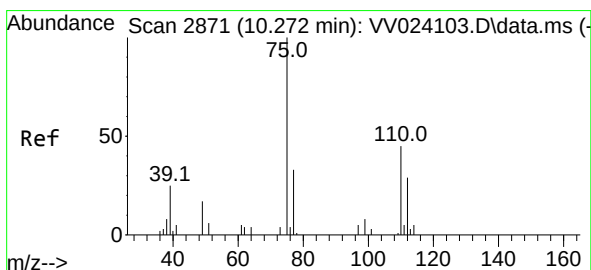
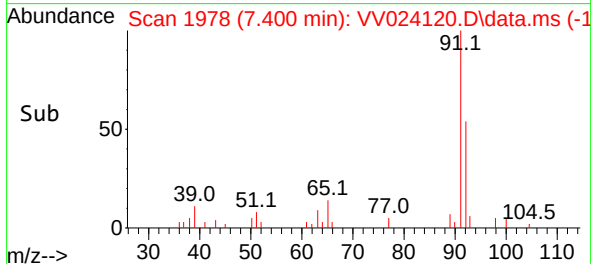
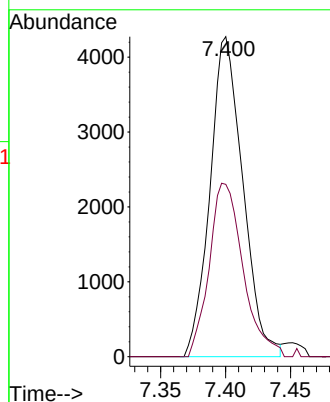
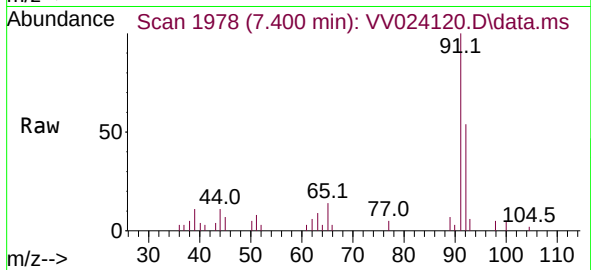
ClientSampleId :

Tgt Ion: 91 Resp: 7512

Ion Ratio Lower Upper

91 100

92 53.9 41.5 77.1



#61

1,2,3-Trichloropropane

Concen: 1.462 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.981 min

Lab File: VV024120.D

Acq: 20 Dec 2021 04:11

Tgt Ion: 75 Resp: 4345

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6

110 1.6 34.2 51.2#

