

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024063.D
 Acq On : 17 Dec 2021 14:41
 Operator : SY/MD
 Sample : M5090-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

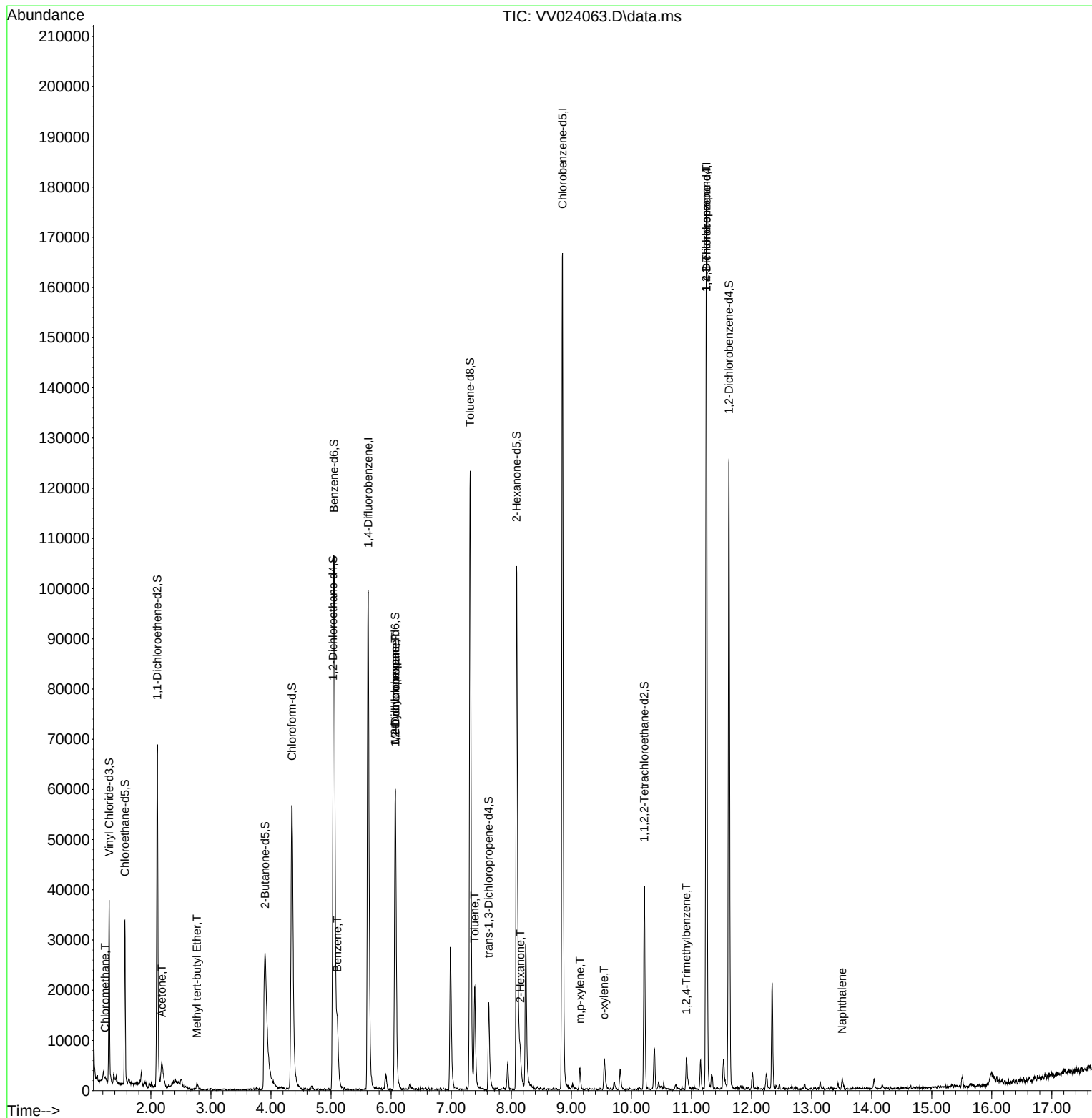
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88106	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21523	4.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.568	69	19276	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.108	63	33633	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.902	46	46142	49.863	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.720%
24) Chloroform-d	4.349	84	50952	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.034	65	25381	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	95901	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	28195	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	82968	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.625	79	10641	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	34207	32.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18190	3.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	33435	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	719	0.110	ug/L	88
13) Acetone	2.182	43	8586	11.598	ug/L	74
17) Methyl tert-butyl Ether	2.767	73	684	0.051	ug/L #	47
33) Benzene	5.104	78	12846	0.479	ug/L	100
35) Methylcyclohexane	6.069	83	7094	0.638	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3430	0.539	ug/L #	84
42) Toluene	7.391	91	15159	0.503	ug/L	97
48) 2-Hexanone	8.149	43	4581	2.066	ug/L #	84
53) m,p-xylene	9.143	106	1291	0.103	ug/L	94
54) o-xylene	9.545	106	1525	0.125	ug/L	60
61) 1,2,3-Trichloropropane	11.246	75	5024	1.562	ug/L #	58
63) 1,2,4-Trimethylbenzene	10.915	105	3747	0.164	ug/L	88
71) Naphthalene	13.509	128	1804	0.137	ug/L #	94

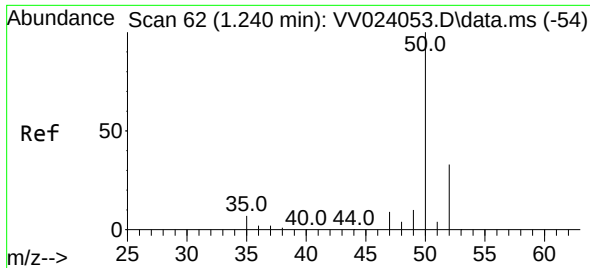
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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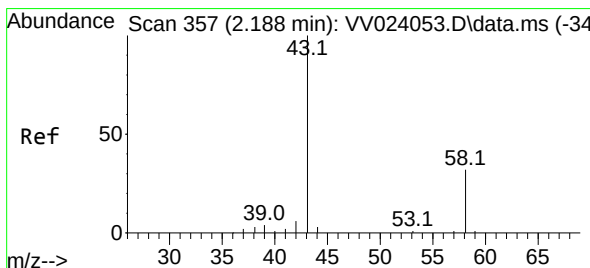
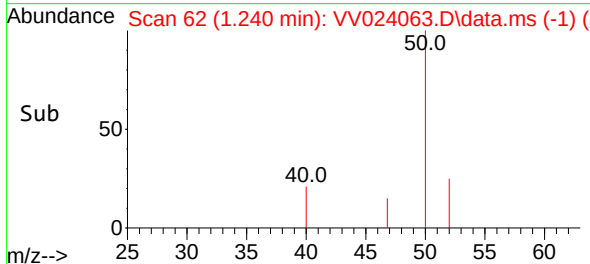
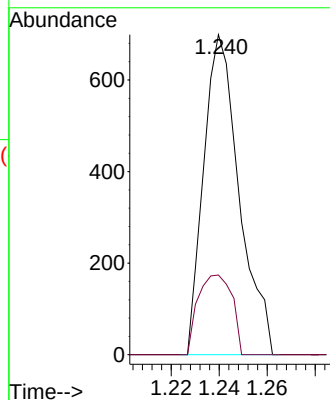
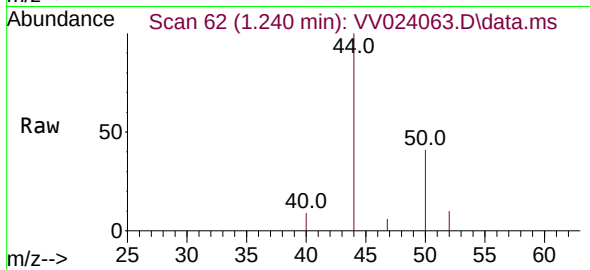




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

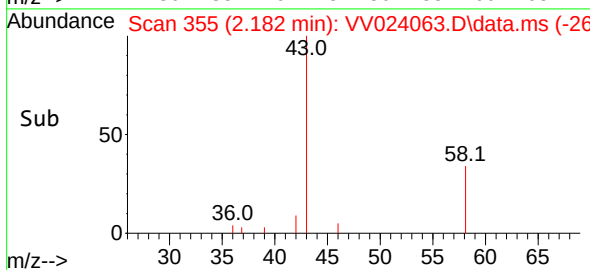
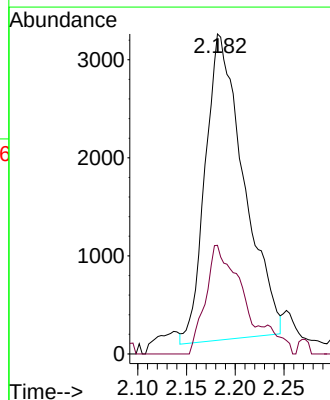
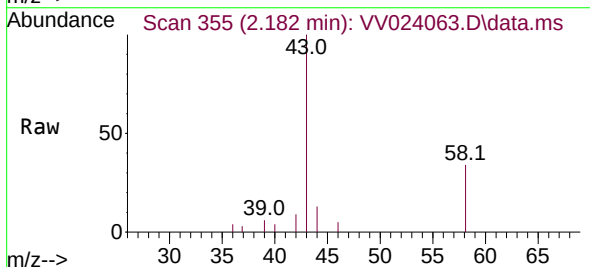
Instrument :
MSVOA_V
ClientSampleId :

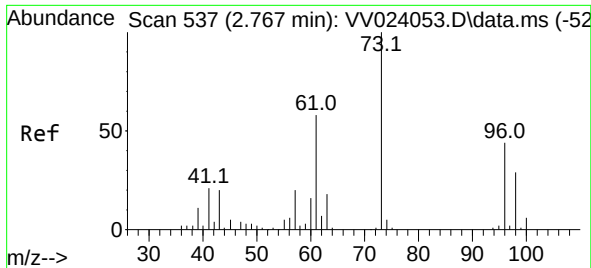
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 24.9 22.0 41.0



#13
Acetone
Concen: 11.598 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

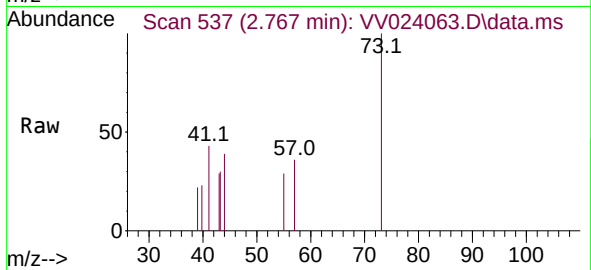
Tgt Ion: 43 Resp: 8586
Ion Ratio Lower Upper
43 100
58 32.8 0.0 41.4



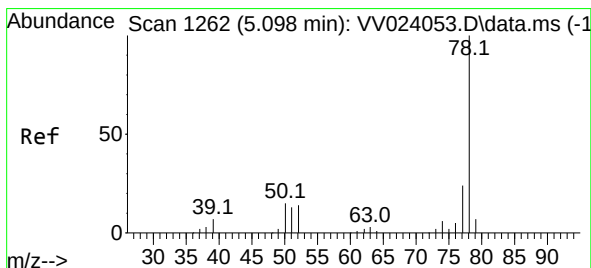
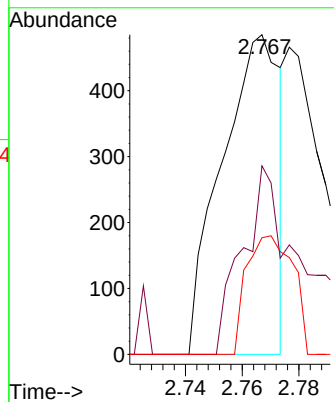
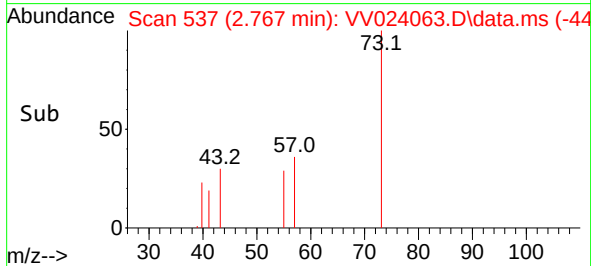


#17
Methyl tert-butyl Ether
Concen: 0.051 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :

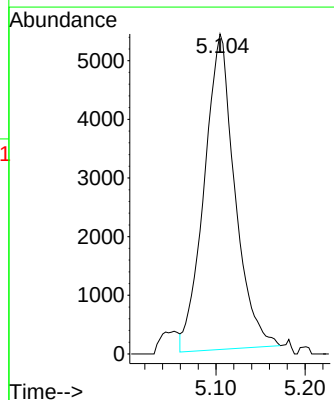
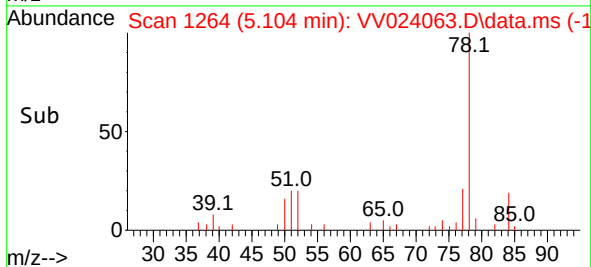
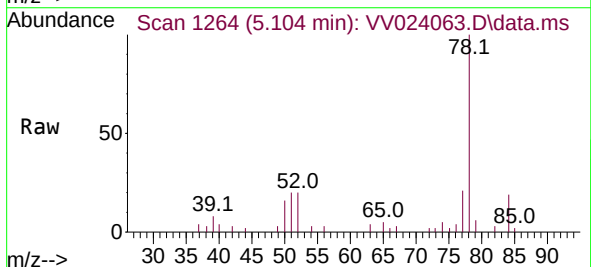


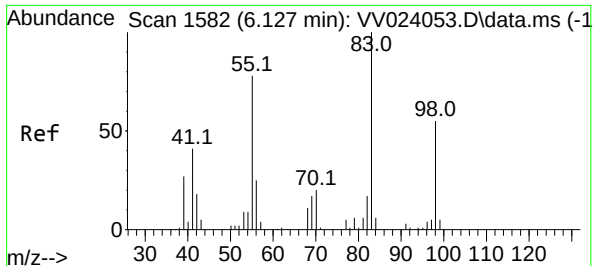
Tgt Ion: 73 Resp: 684
Ion Ratio Lower Upper
73 100
43 60.7 15.5 23.3#
57 30.0 17.1 25.7#



#33
Benzene
Concen: 0.479 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion: 78 Resp: 12846





#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024063.D

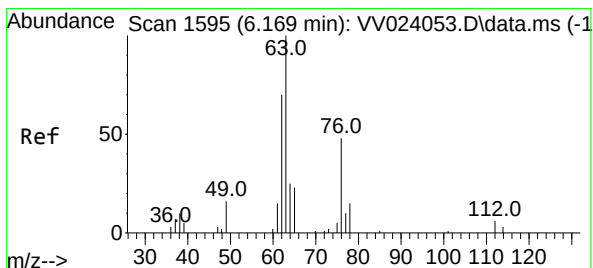
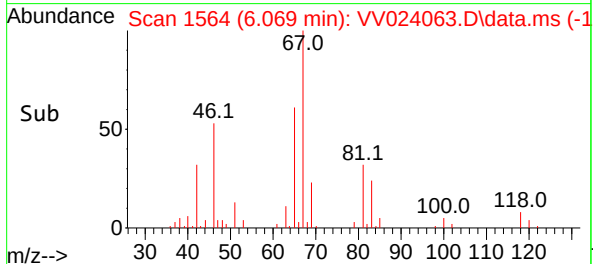
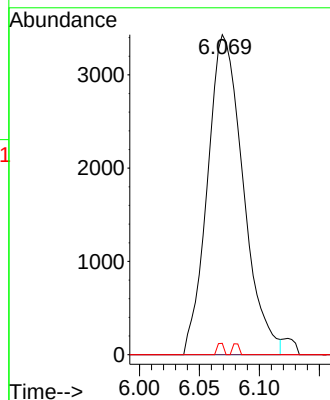
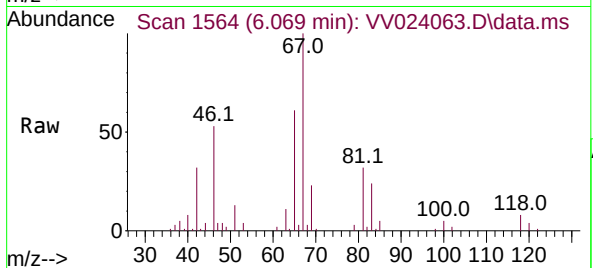
Acq: 17 Dec 2021 14:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	7094
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	0.6	41.0	61.4#



#37

1,2-Dichloropropane

Concen: 0.539 ug/L

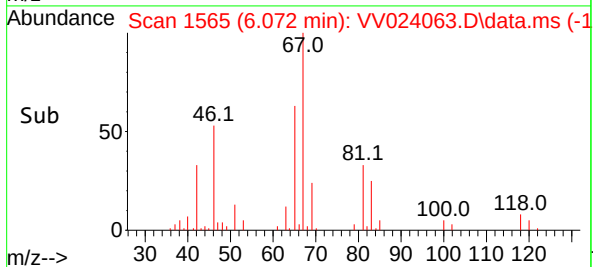
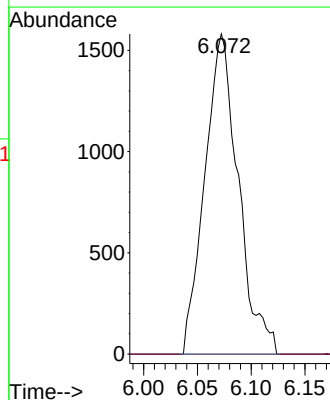
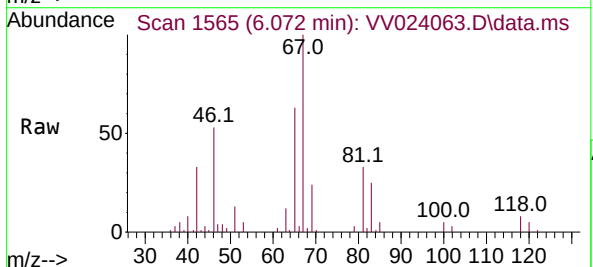
RT: 6.072 min Scan# 1565

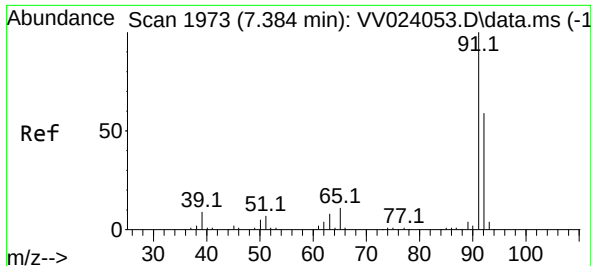
Delta R.T. -0.096 min

Lab File: VV024063.D

Acq: 17 Dec 2021 14:41

Tgt Ion:	63	Resp:	3430
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

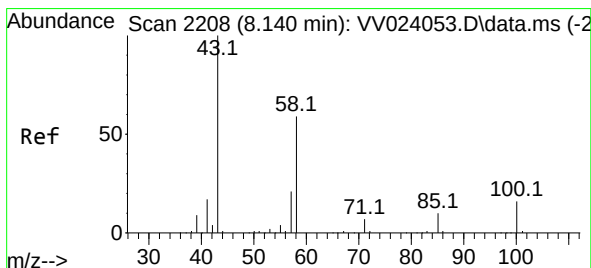
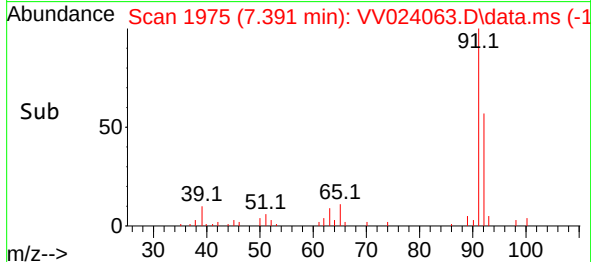
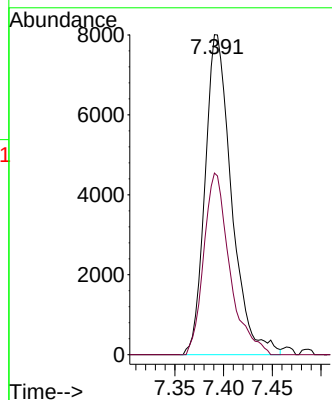
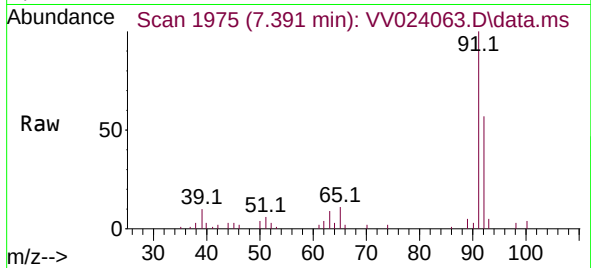




#42
Toluene
Concen: 0.503 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

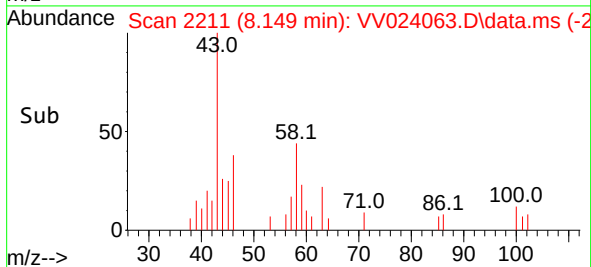
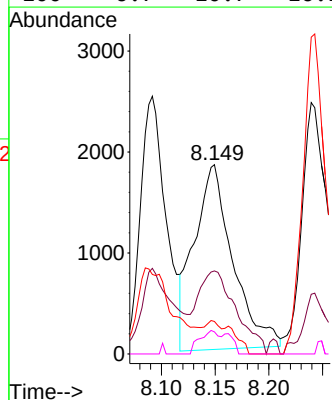
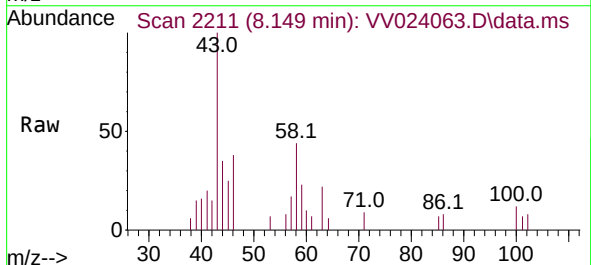
Instrument :
MSVOA_V
ClientSampleId :

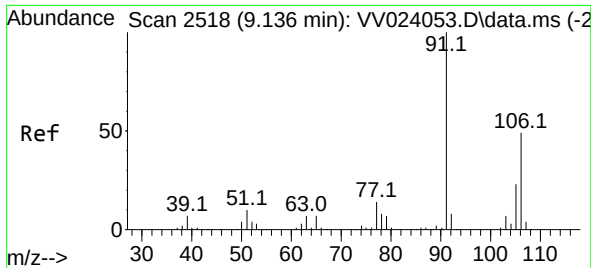
Tgt Ion: 91 Resp: 15159
Ion Ratio Lower Upper
91 100
92 56.8 41.5 77.1



#48
2-Hexanone
Concen: 2.066 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion: 43 Resp: 4581
Ion Ratio Lower Upper
43 100
58 43.9 44.5 66.7#
57 12.9 15.1 22.7#
100 6.7 10.7 16.1#

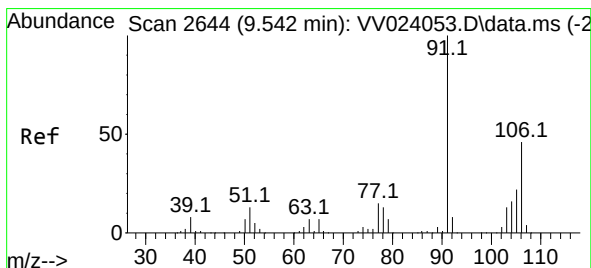
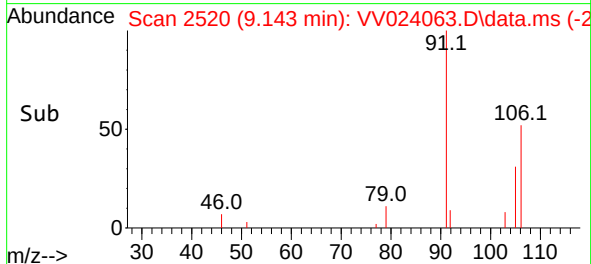
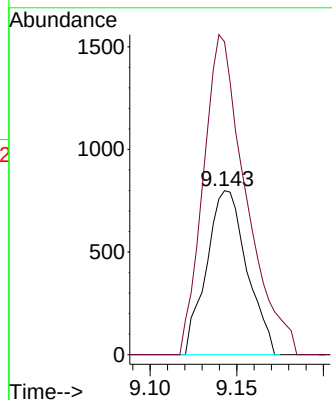
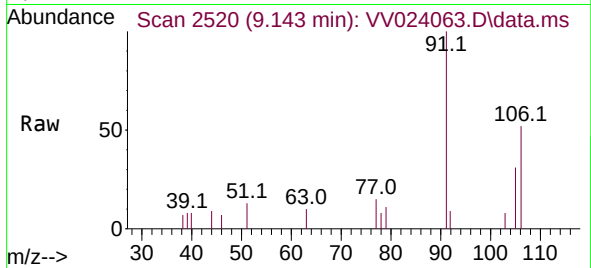




#53
m,p-xylene
Concen: 0.103 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

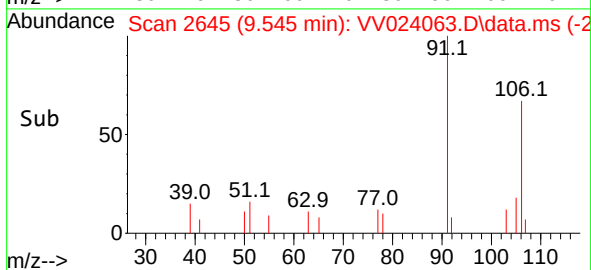
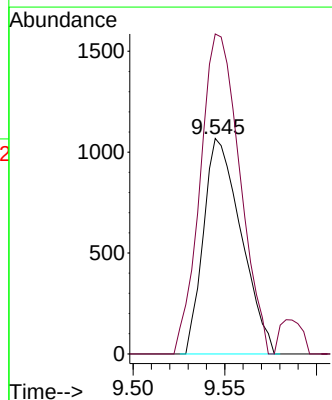
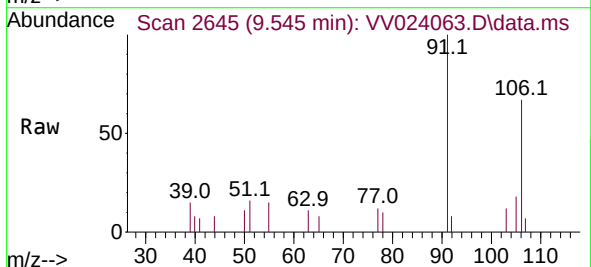
Instrument :
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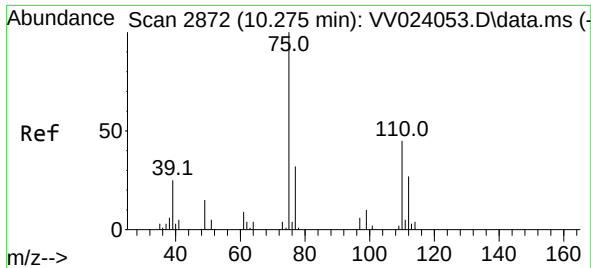
Tgt Ion:106 Resp: 1291
Ion Ratio Lower Upper
106 100
91 190.7 139.5 259.1



#54
o-xylene
Concen: 0.125 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Tgt Ion:106 Resp: 1525
Ion Ratio Lower Upper
106 100
91 148.5 147.9 274.7

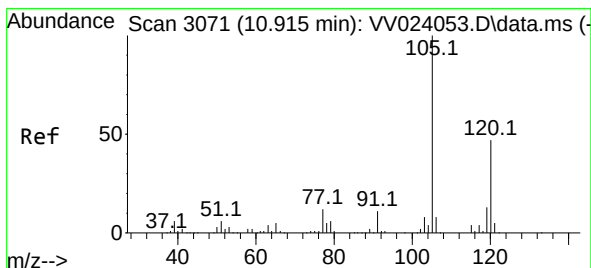
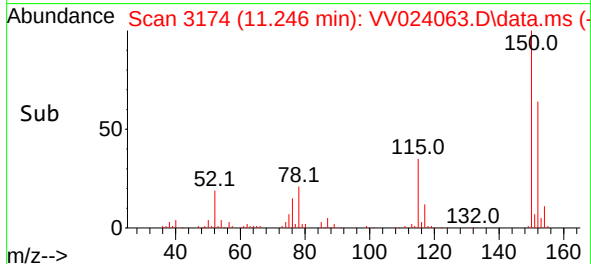
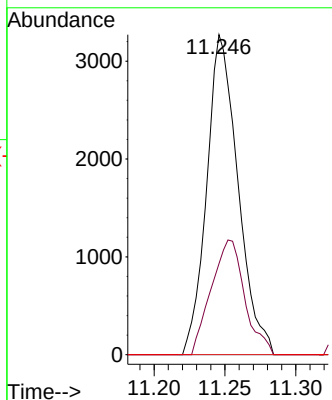
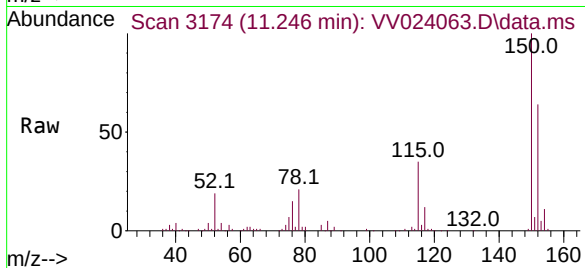




#61
 1,2,3-Trichloropropane
 Concen: 1.562 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.971 min
 Lab File: VV024063.D
 Acq: 17 Dec 2021 14:41

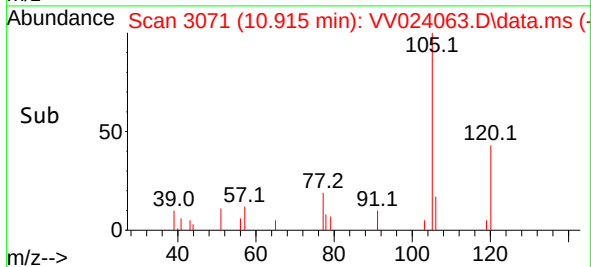
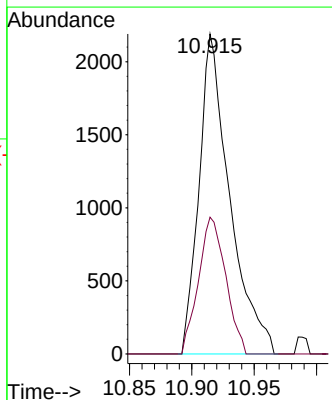
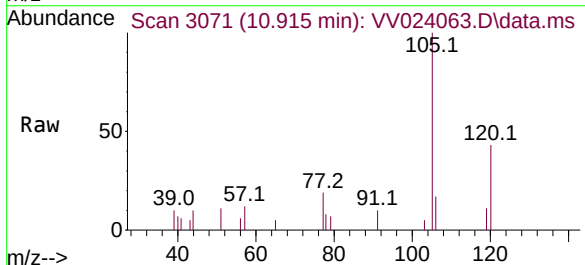
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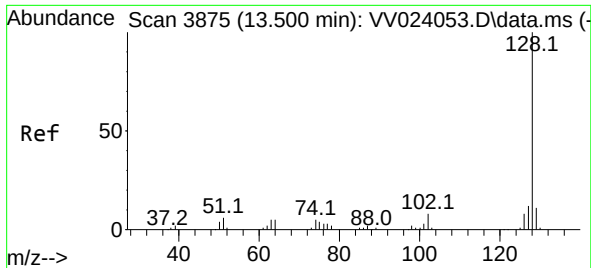
Tgt Ion: 75 Resp: 5024
 Ion Ratio Lower Upper
 75 100
 77 38.3 26.4 39.6
 110 0.0 34.2 51.2#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.164 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV024063.D
 Acq: 17 Dec 2021 14:41

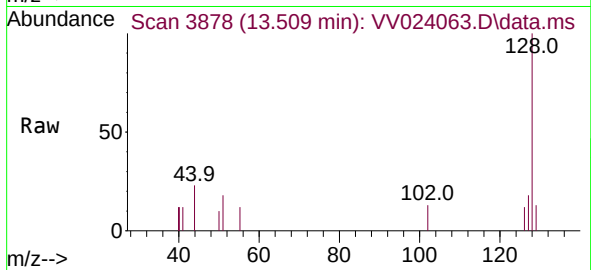
Tgt Ion: 105 Resp: 3747
 Ion Ratio Lower Upper
 105 100
 120 37.8 36.7 55.1





#71
Naphthalene
Concen: 0.137 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV024063.D
Acq: 17 Dec 2021 14:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1804
Ion Ratio Lower Upper
128 100
129 12.6 9.0 13.4
127 9.6 10.2 15.4#

