

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023262.D
 Acq On : 06 Nov 2021 03:17
 Operator : SY/MD
 Sample : M4534-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:49:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

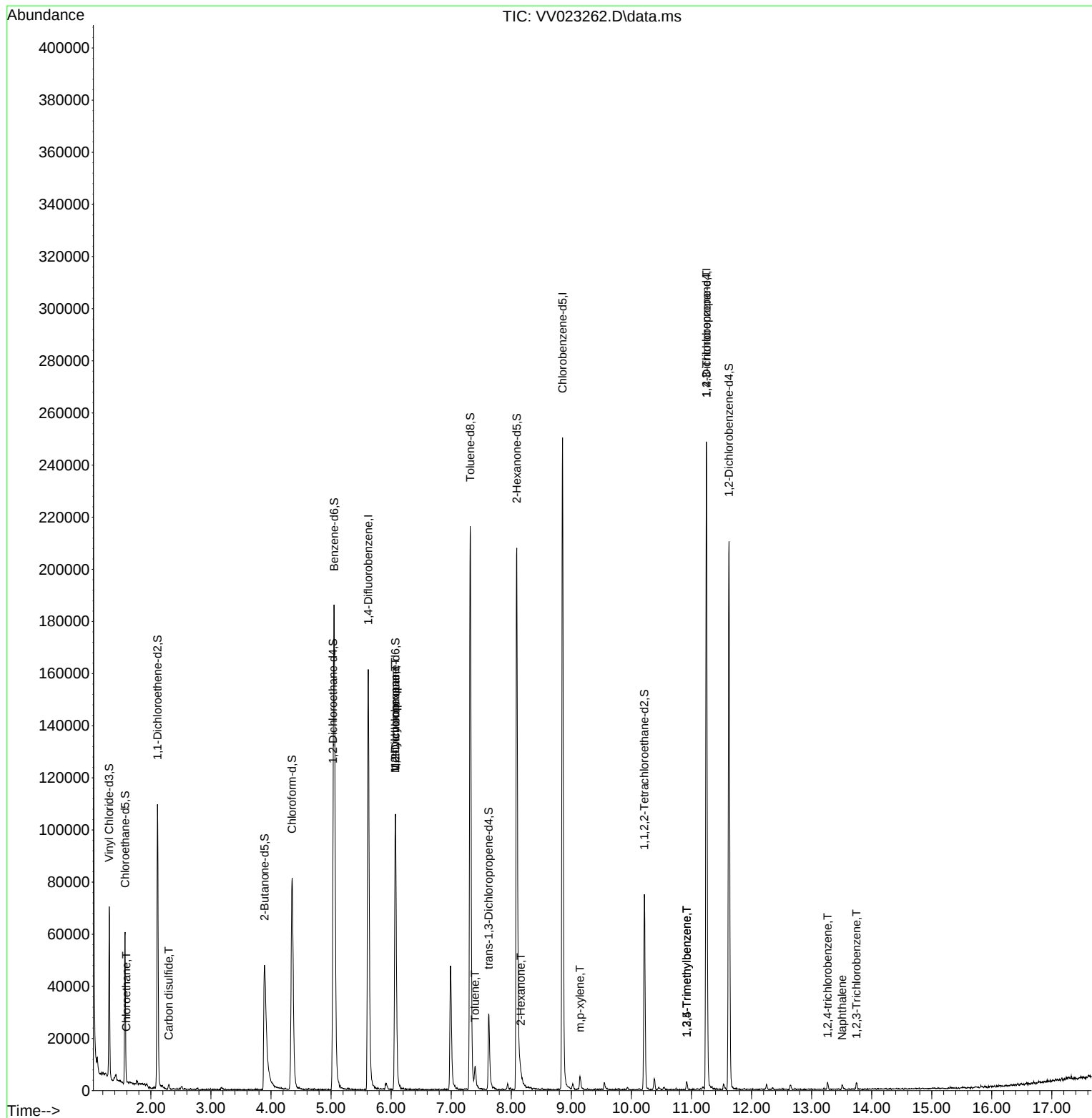
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142446	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140171	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38610	4.327	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.571	69	34488	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.111	63	56342	3.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.892	46	95568	70.883	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.760%#
24) Chloroform-d	4.352	84	87507	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.034	65	41258	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.053	84	167117	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.072	67	51392	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	142462	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	17860	4.449	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.092	63	70361	47.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34917	4.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	56595	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
8) Chloroethane	1.590	64	673	0.099	ug/L	97
14) Carbon disulfide	2.298	76	1952	0.061	ug/L #	88
35) Methylcyclohexane	6.069	83	12612	0.767	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	5751	0.629	ug/L #	83
42) Toluene	7.400	91	6032	0.144	ug/L	89
48) 2-Hexanone	8.159	43	2987	0.982	ug/L #	77
53) m,p-xylene	9.143	106	1669	0.096	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	7526	1.728	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	1823	0.058	ug/L	94
63) 1,2,4-Trimethylbenzene	10.921	105	1823	0.059	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	951	0.079	ug/L	93
71) Naphthalene	13.509	128	2191	0.123	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.747	180	969	0.092	ug/L #	90

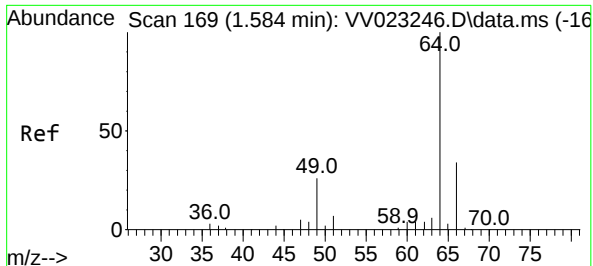
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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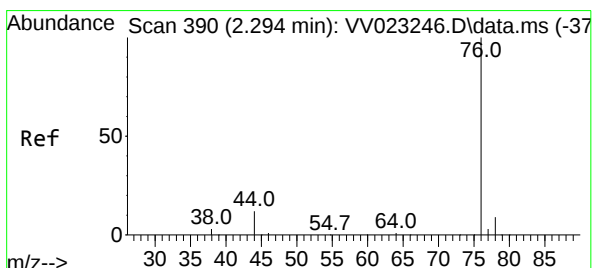
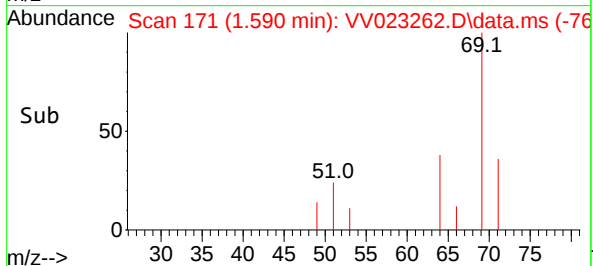
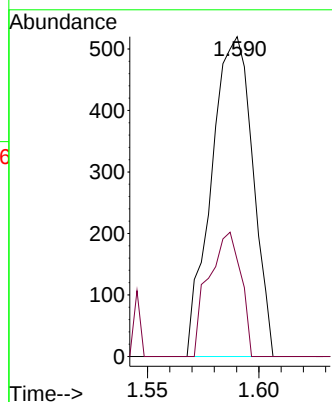
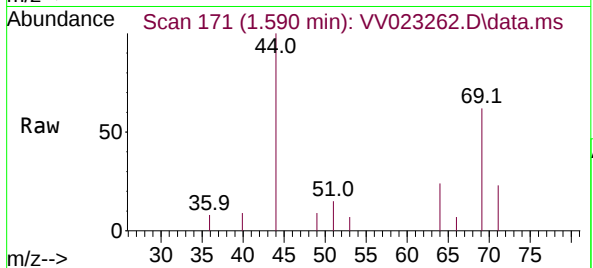




#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

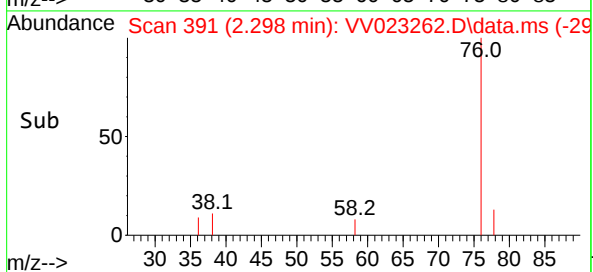
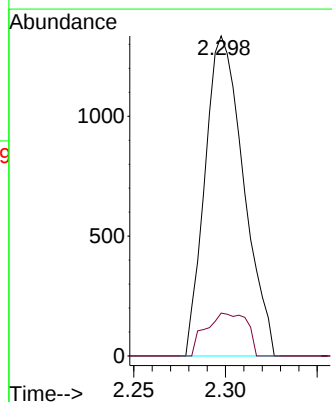
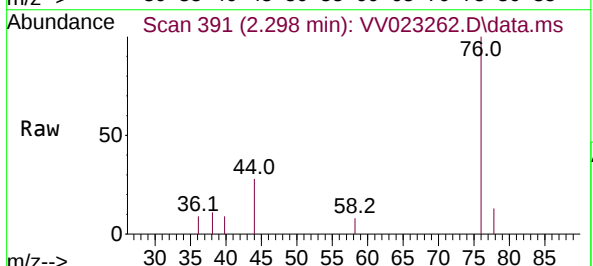
Instrument :
MSVOA_V
ClientSampleId :

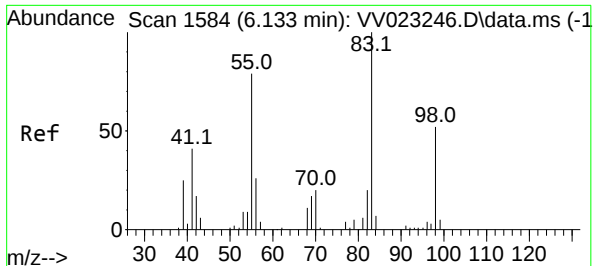
Tgt Ion: 64 Resp: 673
Ion Ratio Lower Upper
64 100
66 30.2 22.4 41.6



#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 76 Resp: 1952
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.0#

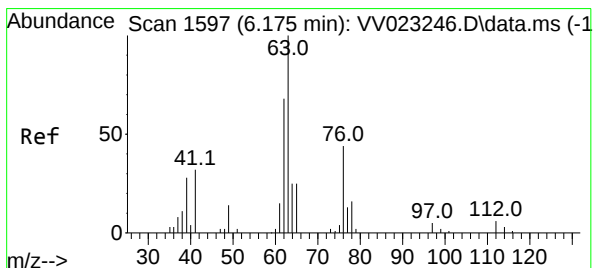
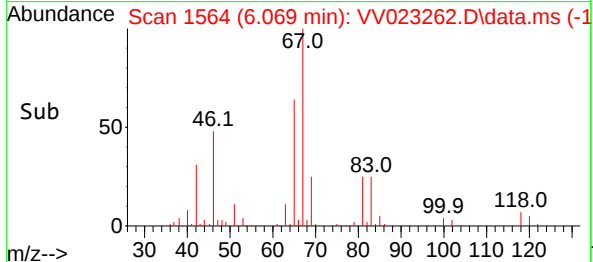
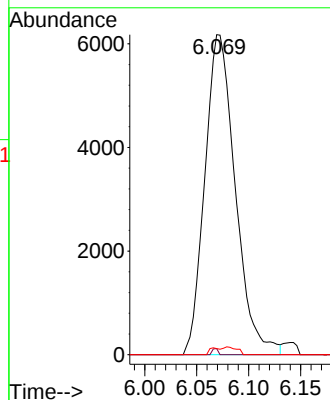
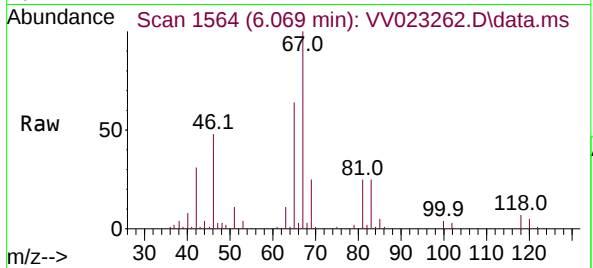




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

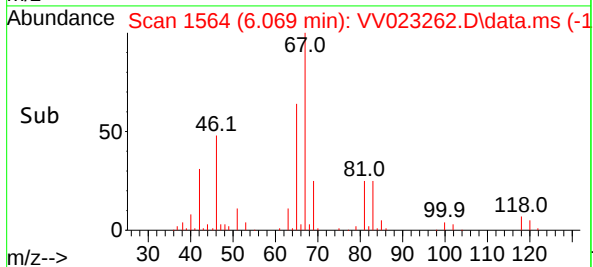
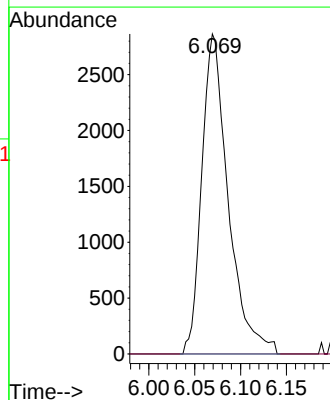
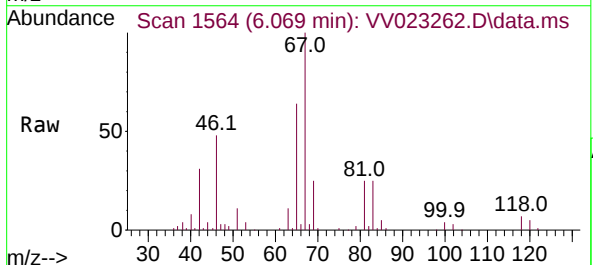
Instrument :
MSVOA_V
ClientSampleId :

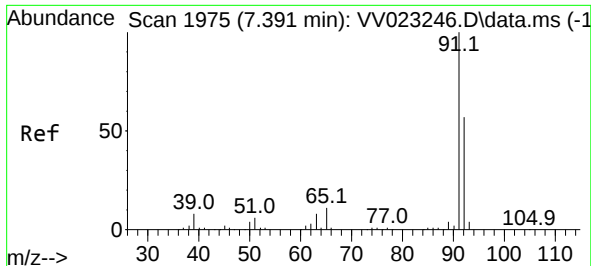
Tgt Ion: 83 Resp: 12612
Ion Ratio Lower Upper
83 100
55 0.3 59.6 89.4#
98 0.7 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 63 Resp: 5751
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#

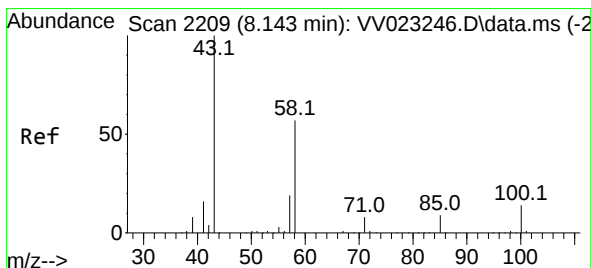
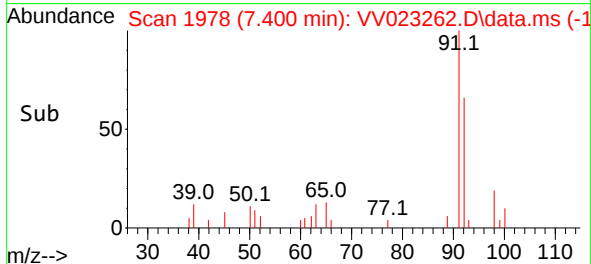
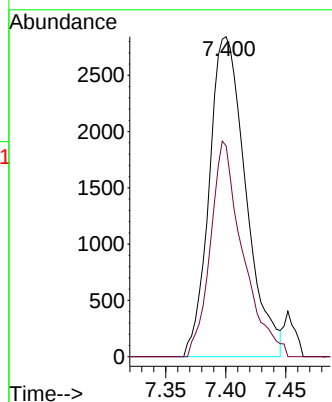
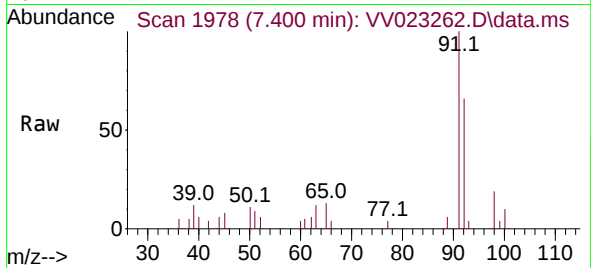




#42
Toluene
Concen: 0.144 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

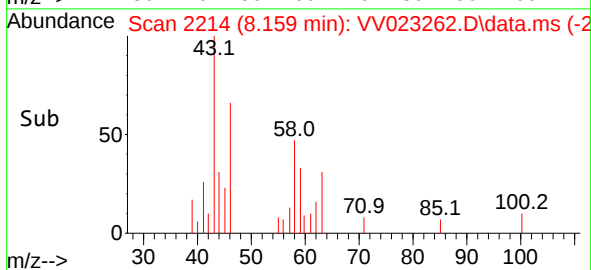
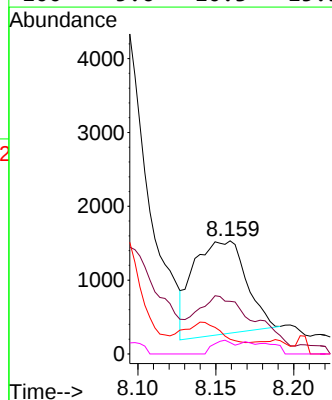
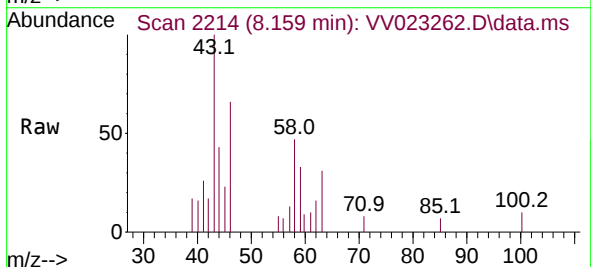
Instrument :
MSVOA_V
ClientSampleId :

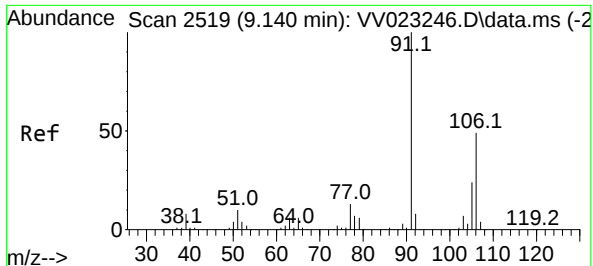
Tgt Ion: 91 Resp: 6032
Ion Ratio Lower Upper
91 100
92 65.9 40.4 75.0



#48
2-Hexanone
Concen: 0.982 ug/L
RT: 8.159 min Scan# 2214
Delta R.T. 0.016 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 43 Resp: 2987
Ion Ratio Lower Upper
43 100
58 70.8 43.0 64.6#
57 29.1 14.9 22.3#
100 5.6 10.3 15.5#

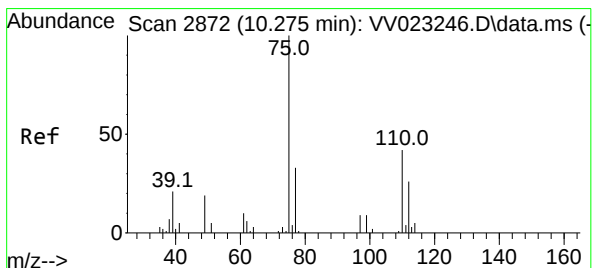
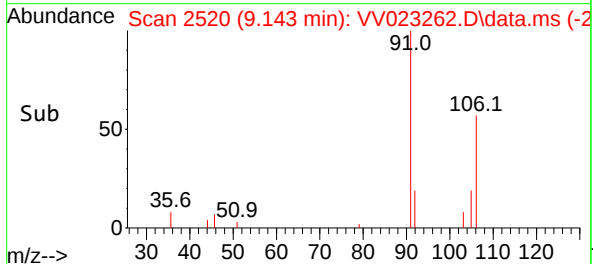
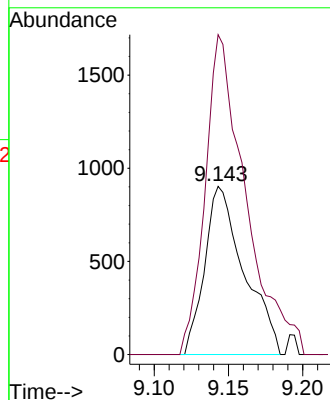
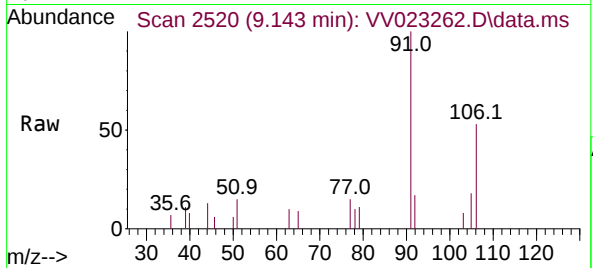




#53
m,p-xylene
Concen: 0.096 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

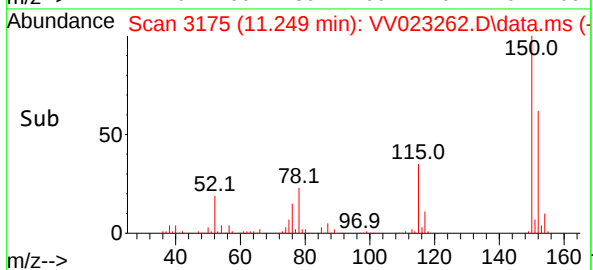
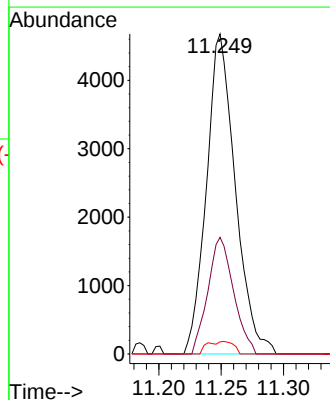
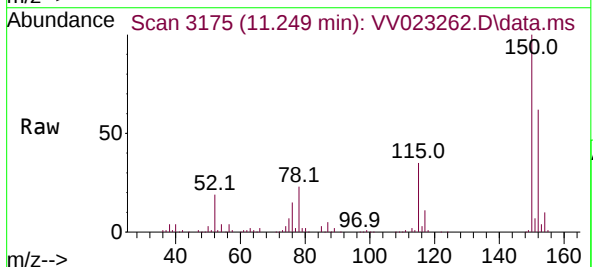
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ClientSampleId :

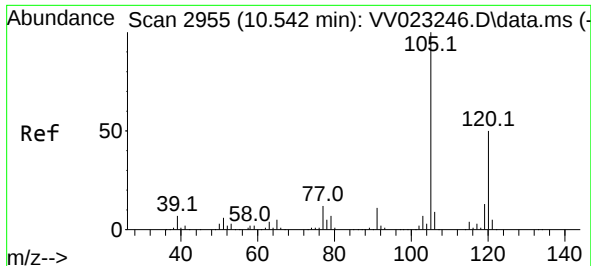
Tgt Ion:106 Resp: 1669
Ion Ratio Lower Upper
106 100
91 190.1 140.1 260.1



#61
1,2,3-Trichloropropane
Concen: 1.728 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

Tgt Ion: 75 Resp: 7526
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 3.5 33.0 49.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.058 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.379 min

Lab File: VV023262.D

Acq: 06 Nov 2021 03:17

Instrument :

MSVOA_V

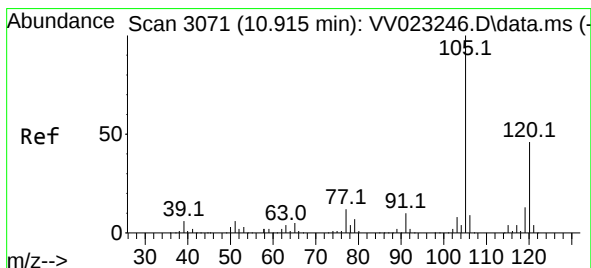
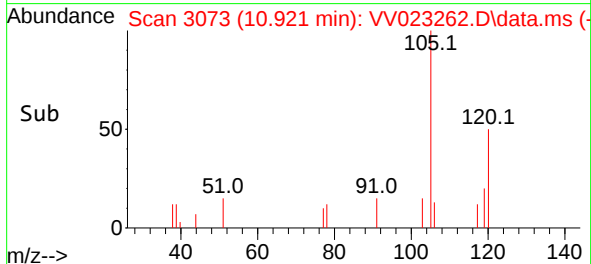
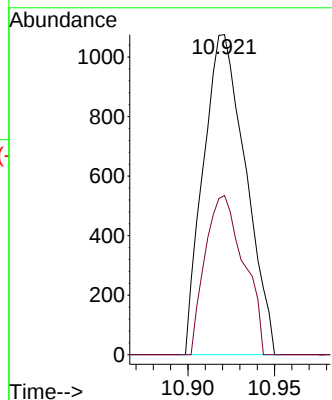
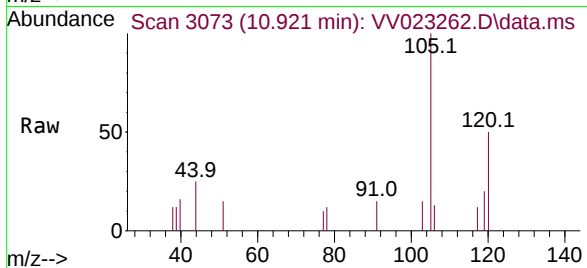
ClientSampleId :

Tgt Ion:105 Resp: 1823

Ion Ratio Lower Upper

105 100

120 45.4 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 0.059 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.006 min

Lab File: VV023262.D

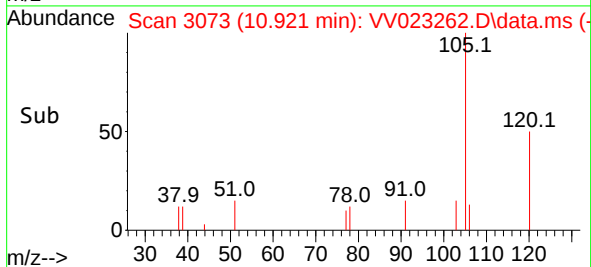
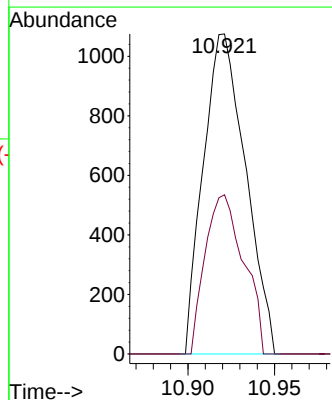
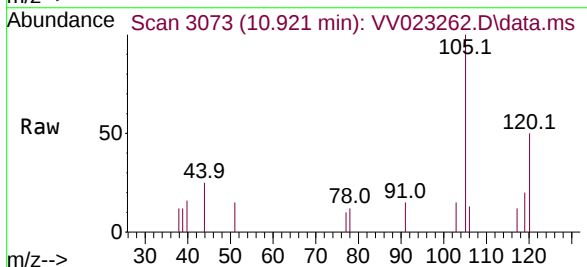
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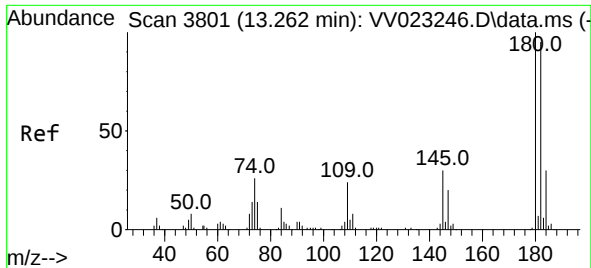
Tgt Ion:105 Resp: 1823

Ion Ratio Lower Upper

105 100

120 45.4 36.5 54.7

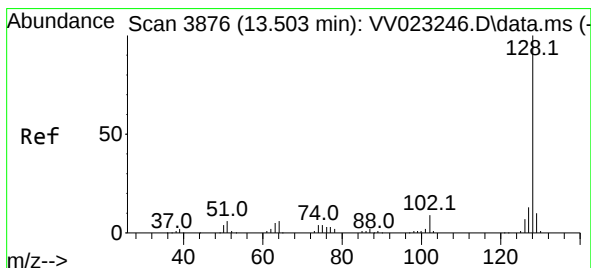
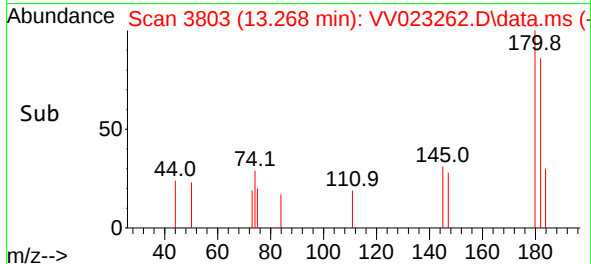
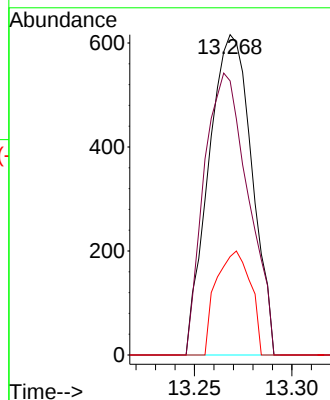
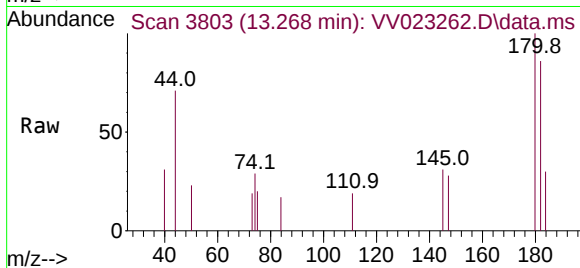




#70
1,2,4-trichlorobenzene
Concen: 0.079 ug/L
RT: 13.268 min Scan# 3801
Delta R.T. 0.006 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

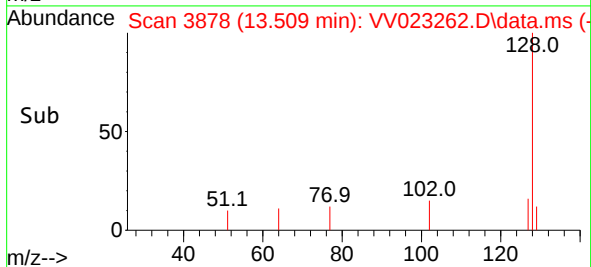
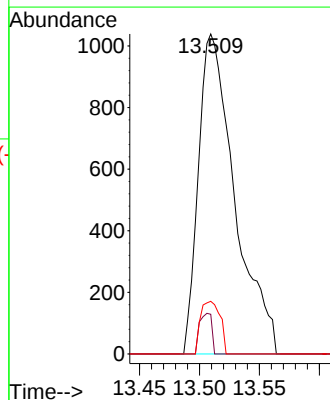
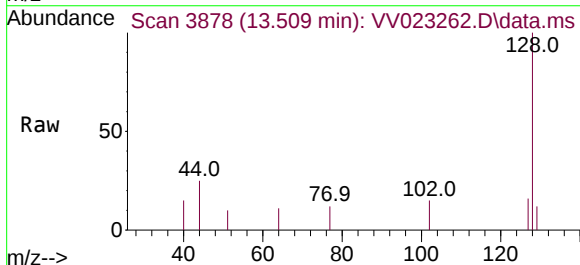
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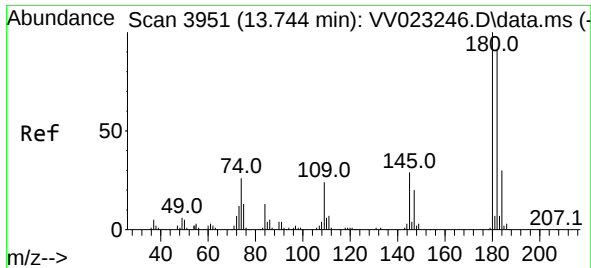
Tgt Ion:180 Resp: 951
Ion Ratio Lower Upper
180 100
182 89.8 77.4 116.2
145 25.8 24.1 36.1



#71
Naphthalene
Concen: 0.123 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023262.D
Acq: 06 Nov 2021 03:17

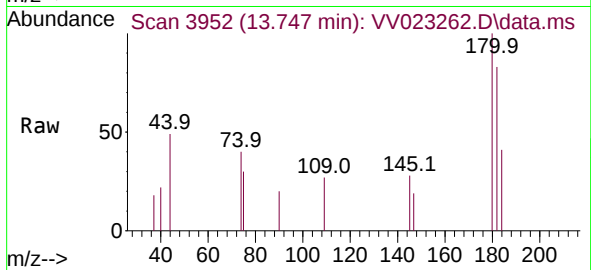
Tgt Ion:128 Resp: 2191
Ion Ratio Lower Upper
128 100
129 4.3 8.6 12.8#
127 8.9 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.092 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV023262.D
 Acq: 06 Nov 2021 03:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 969
 Ion Ratio Lower Upper
 180 100
 182 87.6 77.1 115.7
 145 24.0 25.4 38.0#

