

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028386.D
 Acq On : 05 Oct 2022 22:34
 Operator : SY/MD
 Sample : N4900-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 02:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	187940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87580	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63901	4.525	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.565	69	50736	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.105	63	75084	2.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.915	46	152599	63.868	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.740%
24) Chloroform-d	4.346	84	123692	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.031	65	59613	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.047	84	237010	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	79751	5.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.313	98	188069	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.622	79	24308	4.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	132084	55.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61638	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	77790	5.161	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%

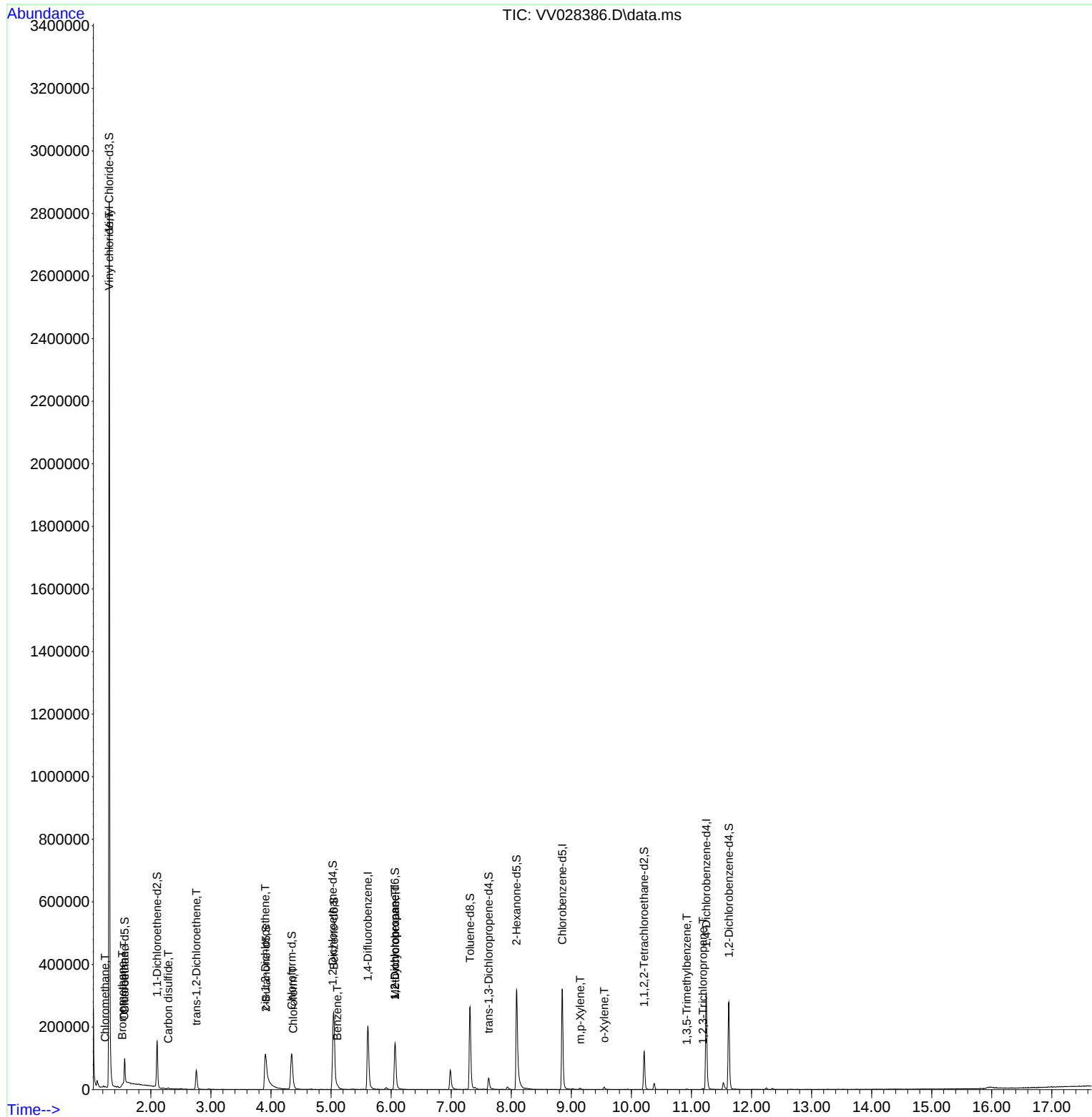
Target Compounds				Qvalue		
3) Chloromethane	1.237	50	735	0.051	ug/L	83
5) Vinyl chloride	1.307	62	1743720	108.090	ug/L	100
6) Bromomethane	1.523	94	492	0.064	ug/L #	46
8) Chloroethane	1.558	64	31327	2.914	ug/L #	51
14) Carbon disulfide	2.291	76	3483	0.083	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	24693	1.759	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	44241	3.129	ug/L	96
25) Chloroform	4.371	83	5485	0.209	ug/L	92
33) Benzene	5.105	78	7827	0.136	ug/L	100
35) Methylcyclohexane	6.066	83	20232	0.862	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8488	0.638	ug/L #	87
53) m,p-Xylene	9.146	106	1443	0.057	ug/L	83
54) o-Xylene	9.548	106	2262	0.094	ug/L	89
61) 1,2,3-Trichloropropane	11.191	75	513	0.076	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.921	105	728	0.048	ug/L	92

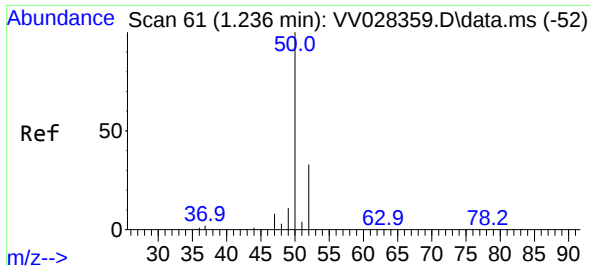
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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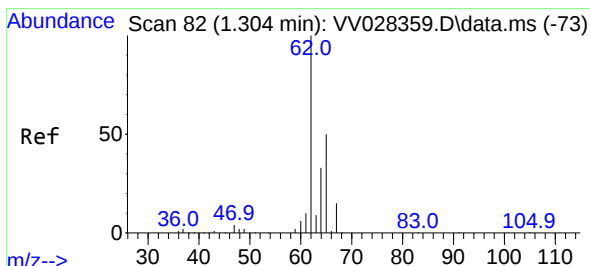
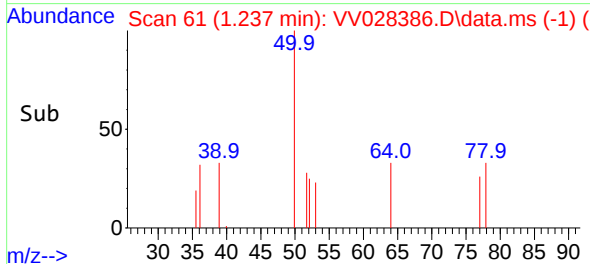
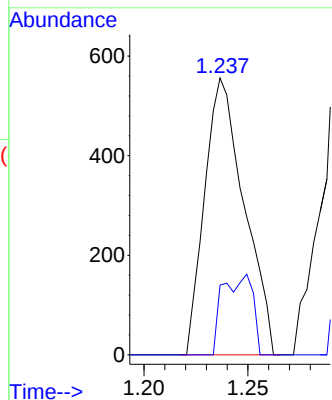
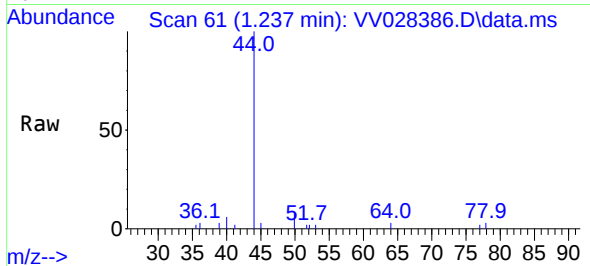




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

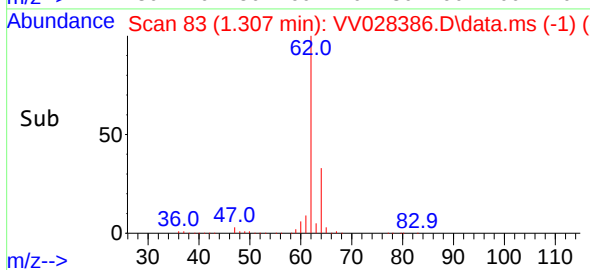
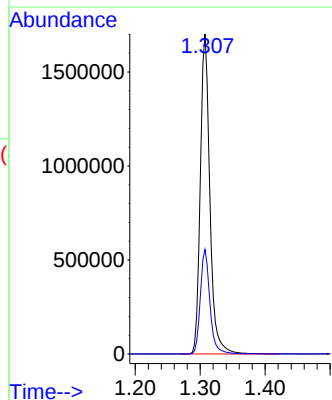
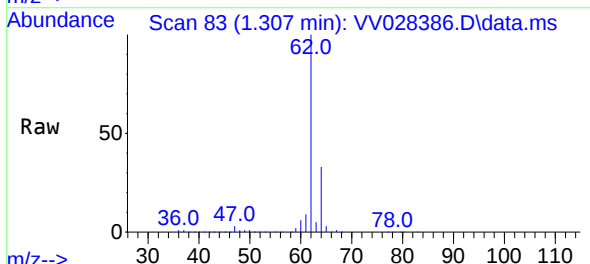
Instrument :
MSVOA_V
ClientSampleId :

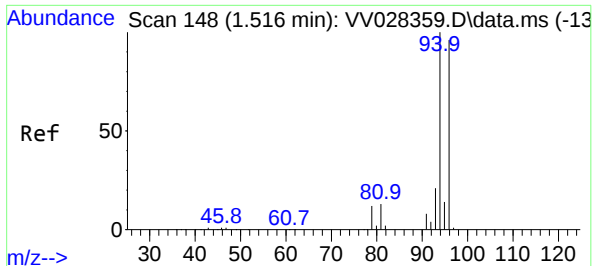
Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 25.2 24.4 45.2



#5
Vinyl chloride
Concen: 108.090 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 62 Resp: 1743720
Ion Ratio Lower Upper
62 100
64 32.7 23.0 42.8

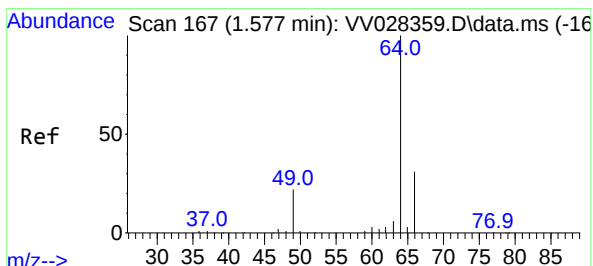
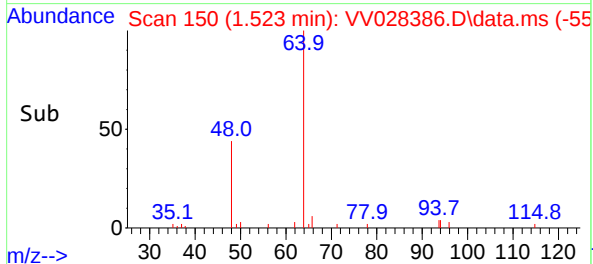
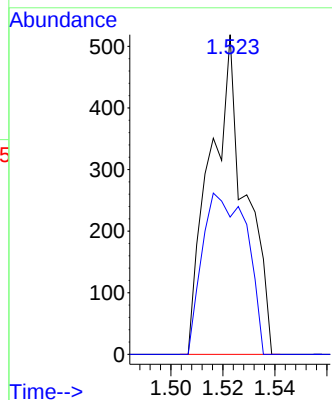
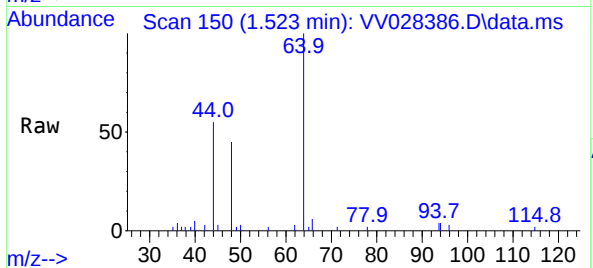




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

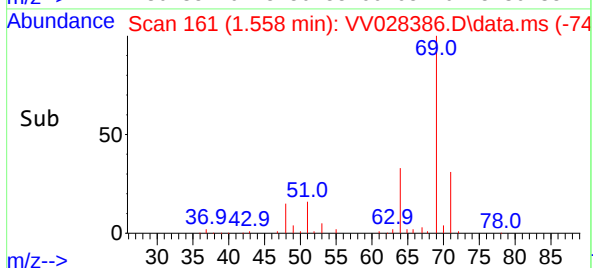
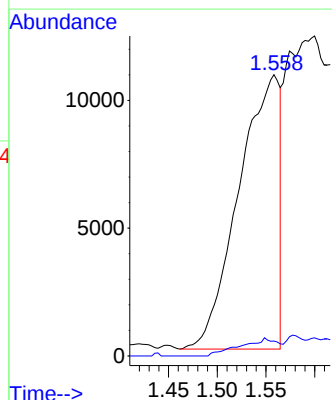
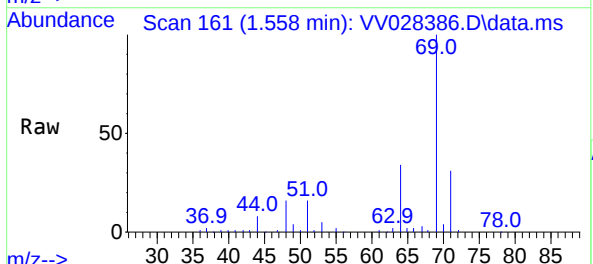
Instrument :
MSVOA_V
ClientSampleId :

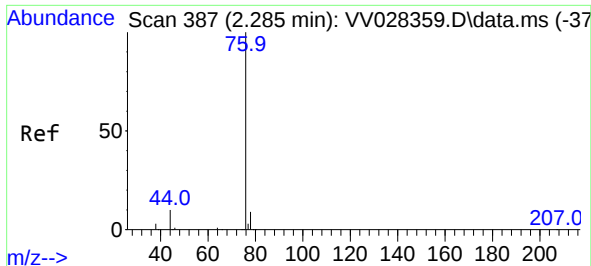
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 43.0 66.7 123.9#



#8
Chloroethane
Concen: 2.914 ug/L
RT: 1.558 min Scan# 161
Delta R.T. -0.019 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 64 Resp: 31327
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#

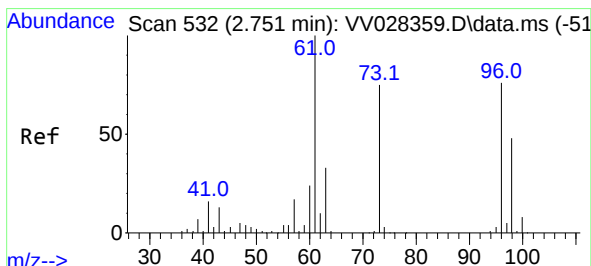
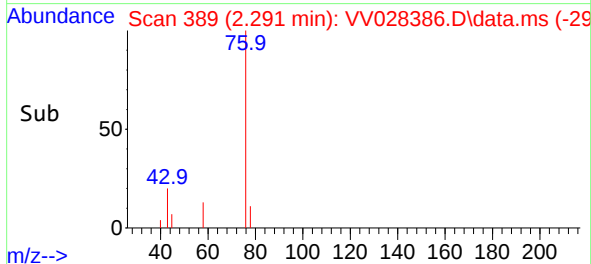
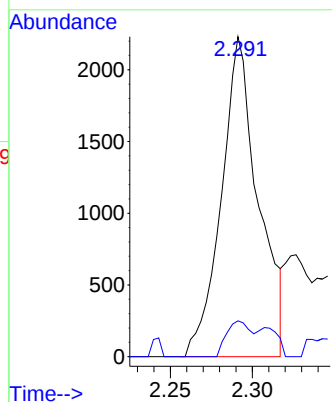
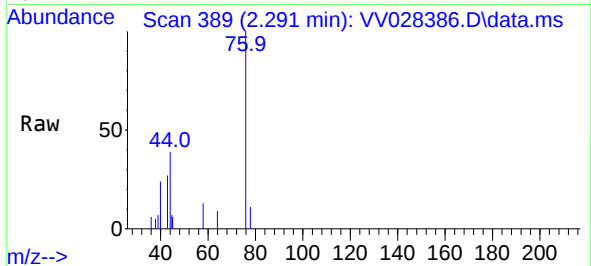




#14
Carbon disulfide
Concen: 0.083 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

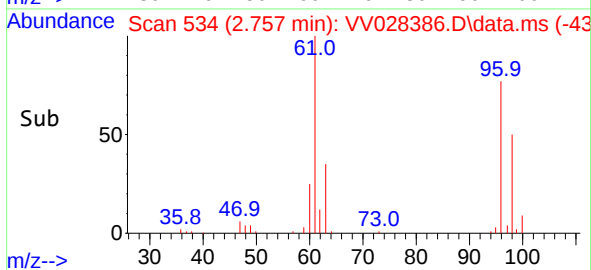
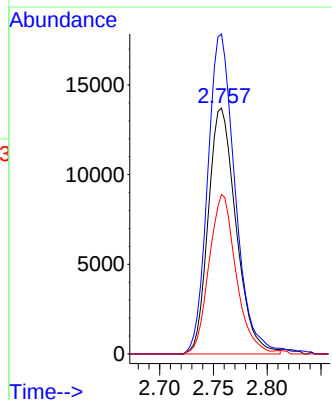
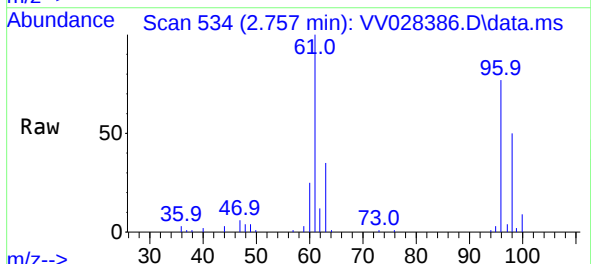
Instrument :
MSVOA_V
ClientSampleId :

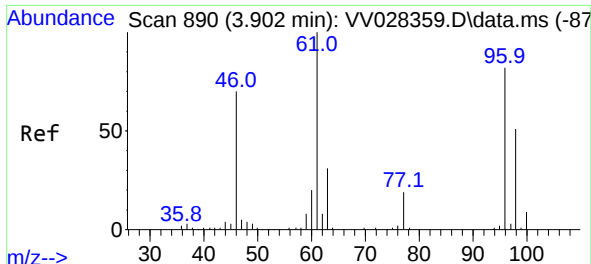
Tgt Ion: 76 Resp: 3483
Ion Ratio Lower Upper
76 100
78 11.2 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 1.759 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

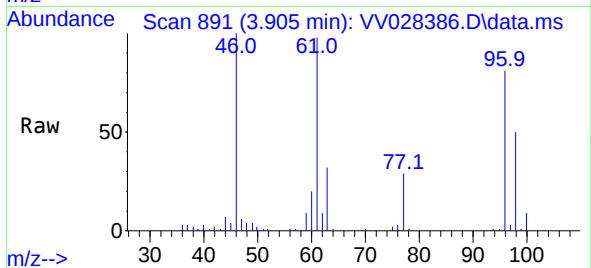
Tgt Ion: 96 Resp: 24693
Ion Ratio Lower Upper
96 100
61 130.1 96.2 178.6
98 64.9 45.7 84.9



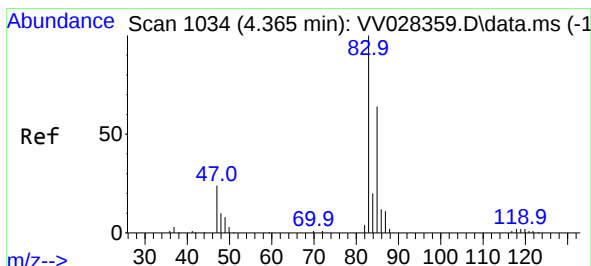
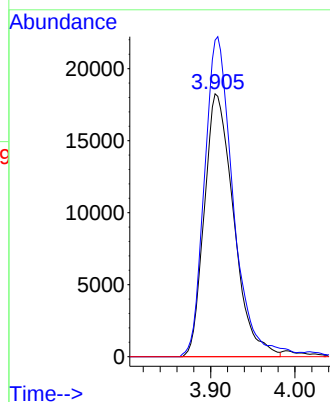
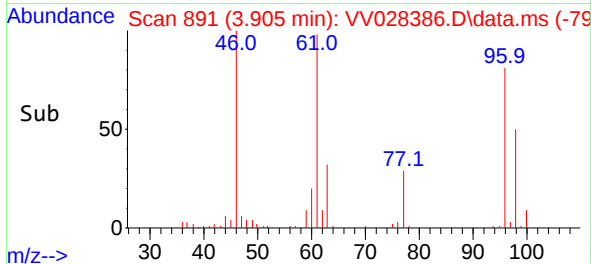


#22
cis-1,2-Dichloroethene
Concen: 3.129 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Instrument :
MSVOA_V
ClientSampleId :

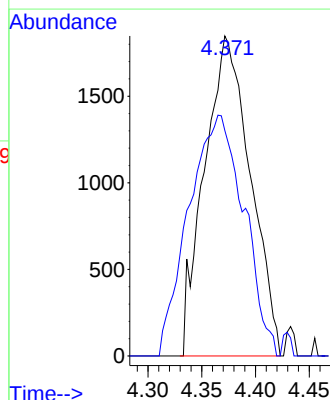
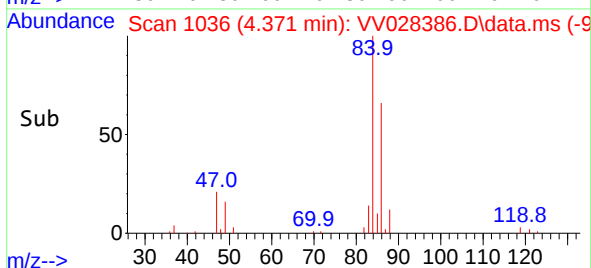
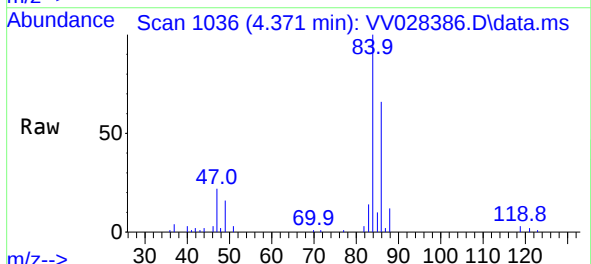


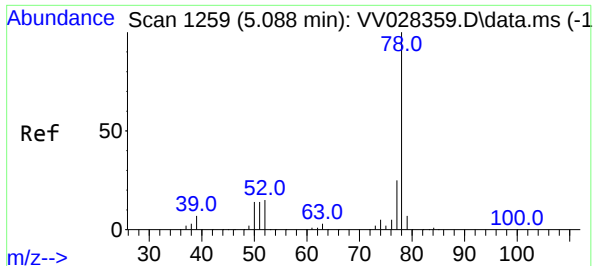
Tgt Ion: 96 Resp: 44241
Ion Ratio Lower Upper
96 100
61 120.4 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.209 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 83 Resp: 5485
Ion Ratio Lower Upper
83 100
85 70.5 45.1 83.7

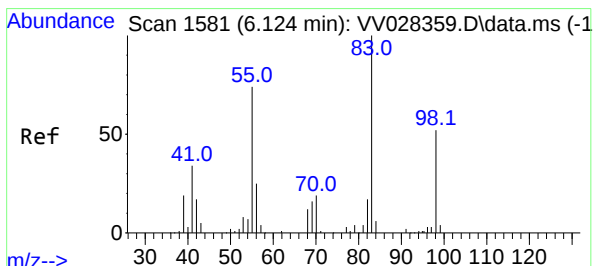
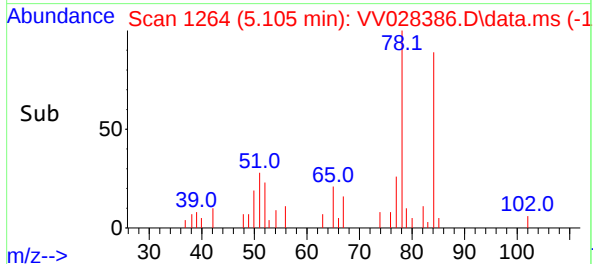
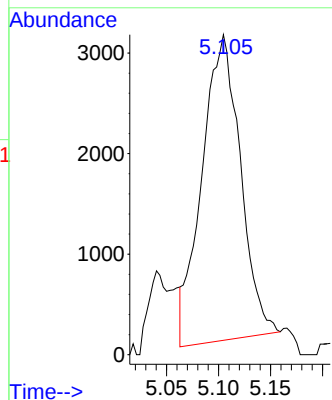
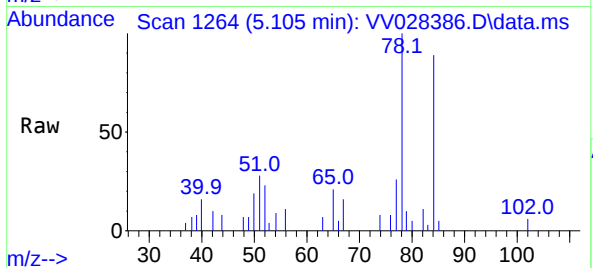




#33
Benzene
Concen: 0.136 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

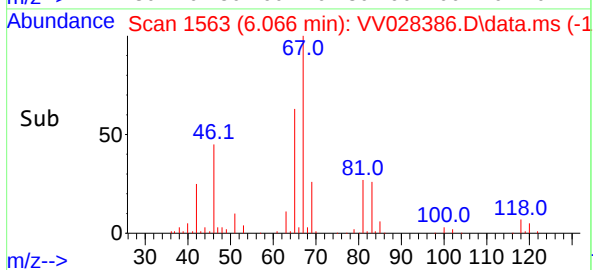
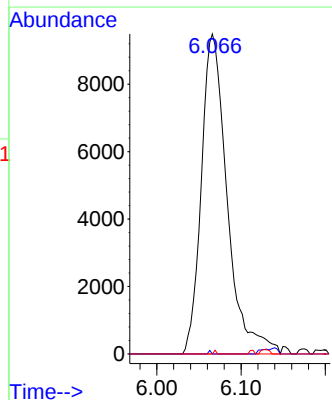
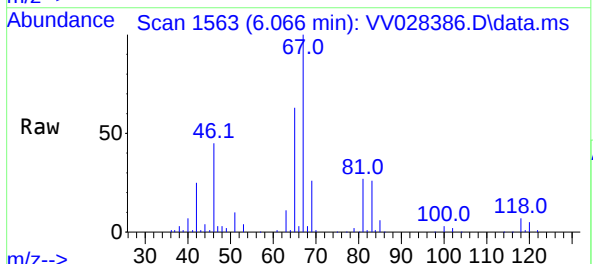
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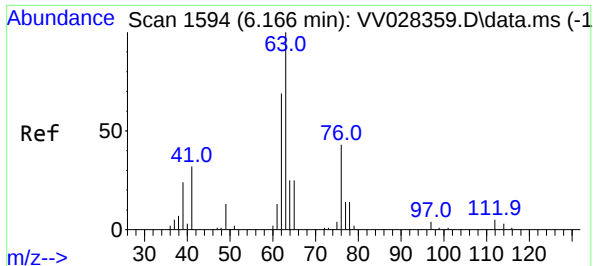
Tgt Ion: 78 Resp: 7827



#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 83 Resp: 20232
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 0.1 39.5 59.3#

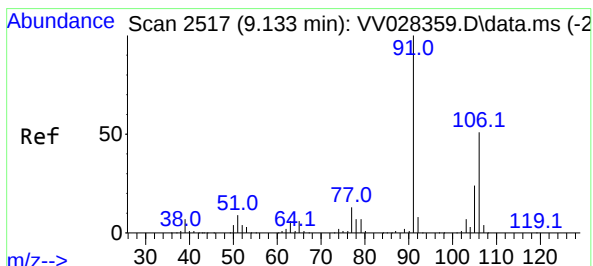
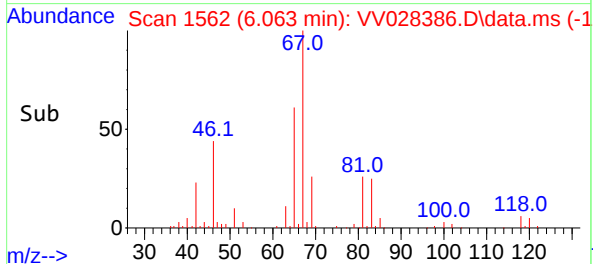
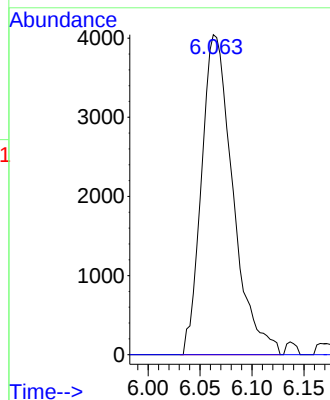
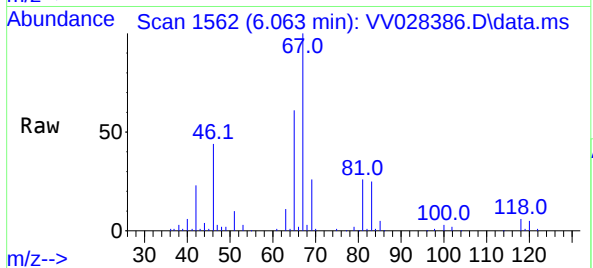




#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
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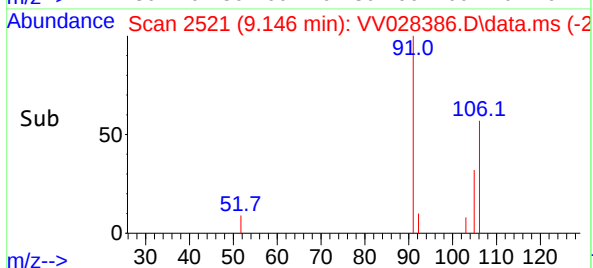
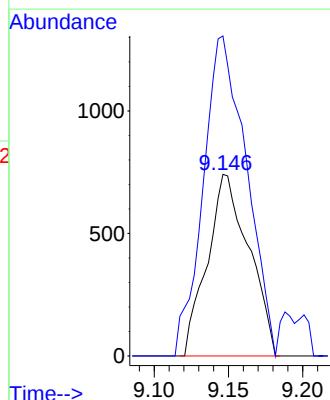
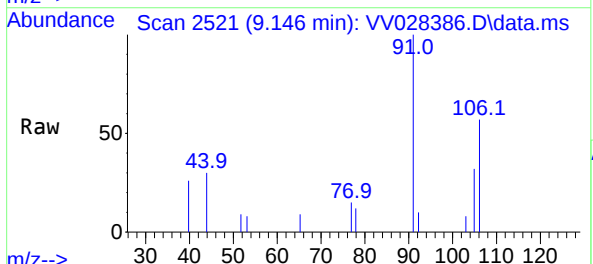
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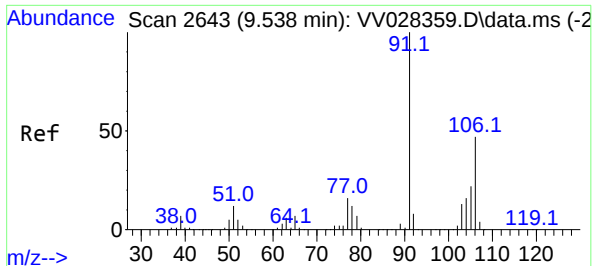
Tgt Ion: 63 Resp: 8488
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#53
m,p-Xylene
Concen: 0.057 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 106 Resp: 1443
Ion Ratio Lower Upper
106 100
91 176.2 141.9 263.5

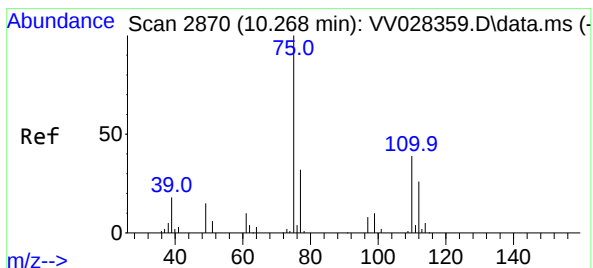
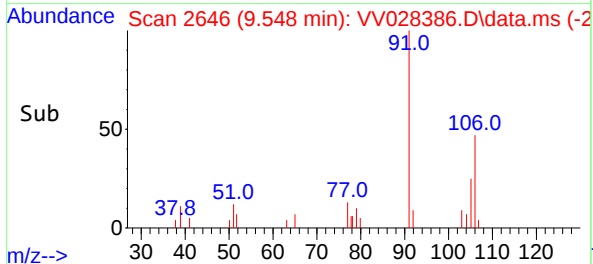
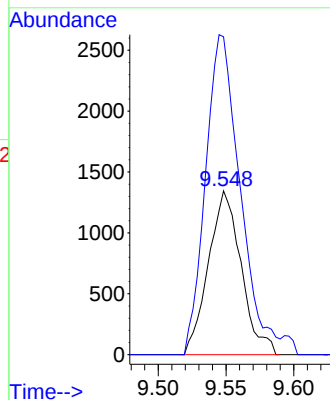
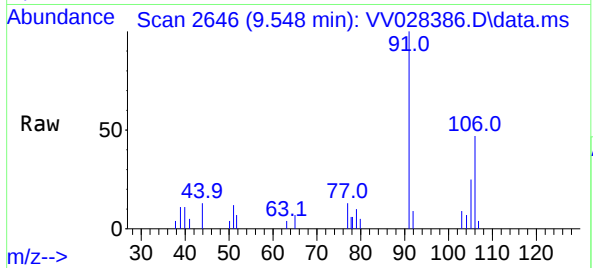




#54
o-Xylene
Concen: 0.094 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

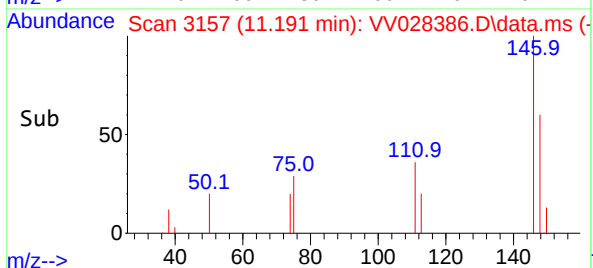
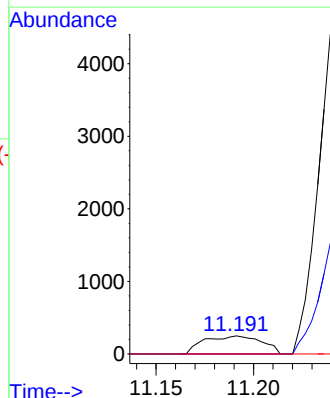
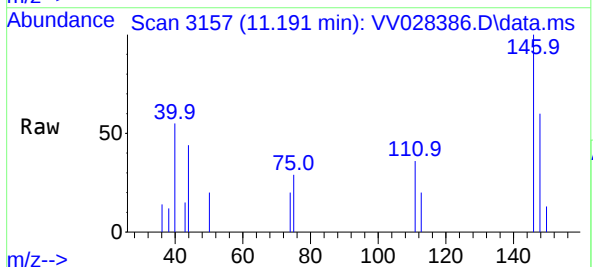
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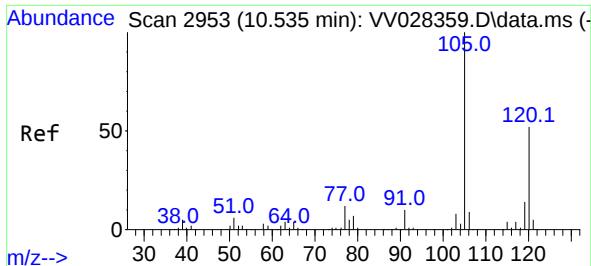
Tgt Ion:106 Resp: 2262
Ion Ratio Lower Upper
106 100
91 194.1 148.1 275.0



#61
1,2,3-Trichloropropane
Concen: 0.076 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.920 min
Lab File: VV028386.D
Acq: 05 Oct 2022 22:34

Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 0.0 30.1 45.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.048 ug/L

RT: 10.921 min Scan# 30

Delta R.T. 0.386 min

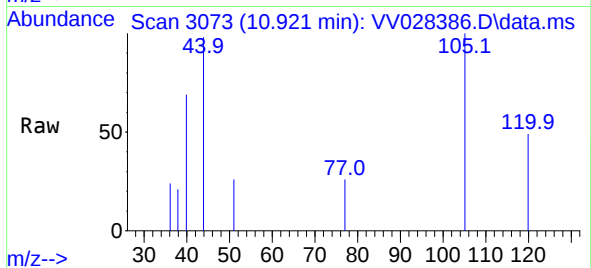
Lab File: VV028386.D

Acq: 05 Oct 2022 22:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 728

Ion Ratio Lower Upper

105 100

120 56.5 40.6 61.0

