

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022973.D
 Acq On : 21 Oct 2021 22:49
 Operator : SY/MD
 Sample : M4265-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:59:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

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

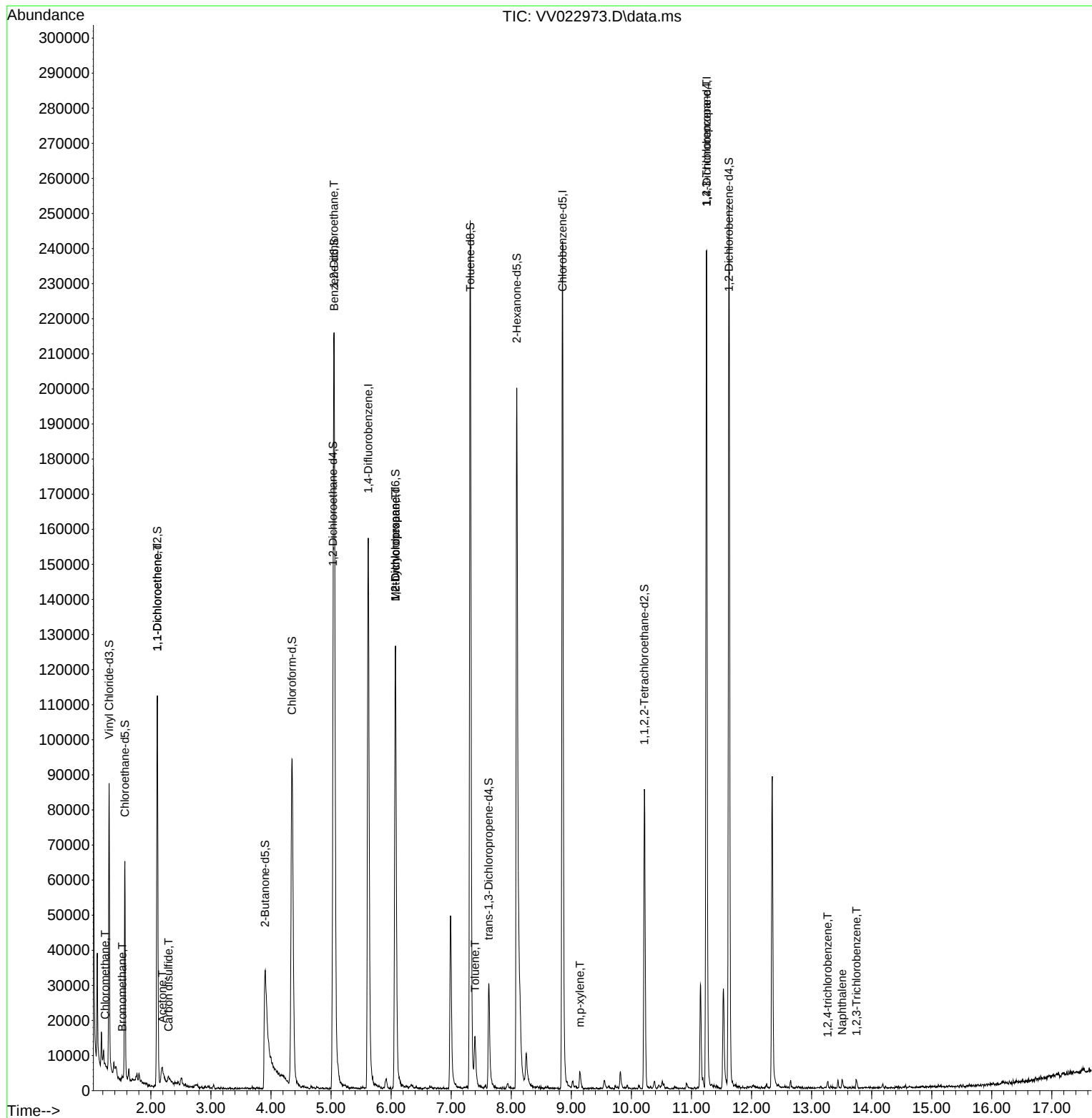
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142468	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	65045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44642	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.568	69	36920	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	58151	3.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.902	46	79618	30.978	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.960%
24) Chloroform-d	4.349	84	98669	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	45365	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	200092	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	63069	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	167280	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.625	79	18992	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.091	63	83691	50.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42518	5.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	66909	5.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	528	0.051	ug/L	97
6) Bromomethane	1.523	94	549	0.082	ug/L #	67
12) 1,1-Dichloroethene	2.108	96	616	0.072	ug/L #	1
13) Acetone	2.191	43	11651	8.130	ug/L #	55
14) Carbon disulfide	2.294	76	1458	0.060	ug/L #	82
27) 1,2-Dichloroethane	5.050	62	1280	0.131	ug/L #	69
35) Methylcyclohexane	6.072	83	15362	1.065	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6411	0.704	ug/L #	84
42) Toluene	7.397	91	10552	0.275	ug/L	97
53) m,p-xylene	9.143	106	1558	0.102	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	6975	1.543	ug/L #	61
70) 1,2,4-trichlorobenzene	13.268	180	805	0.081	ug/L #	73
71) Naphthalene	13.509	128	2341	0.148	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.747	180	760	0.081	ug/L	93

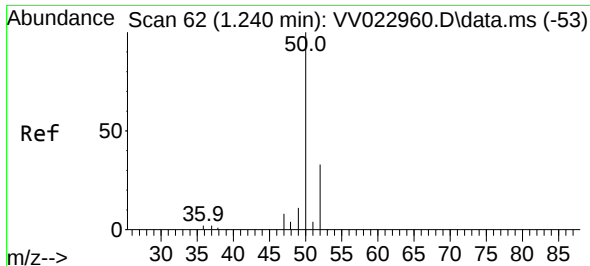
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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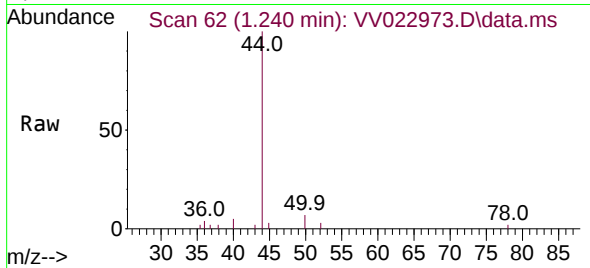
Quant Time: Oct 22 04:59:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
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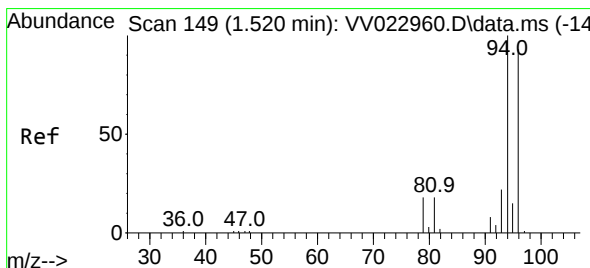
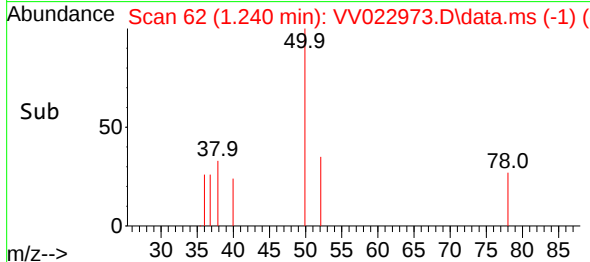
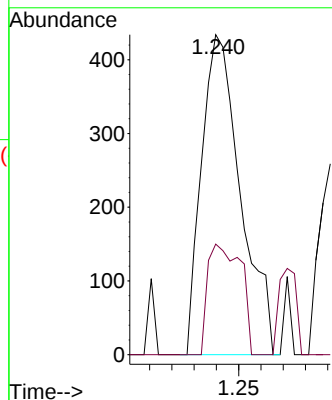


#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :

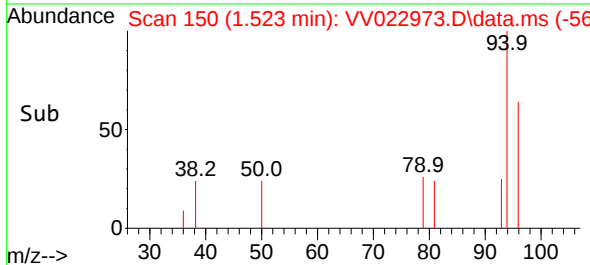
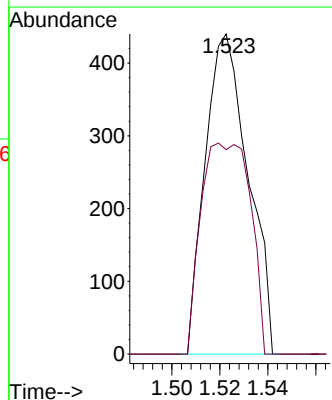
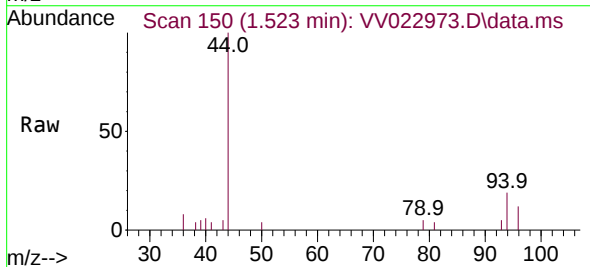


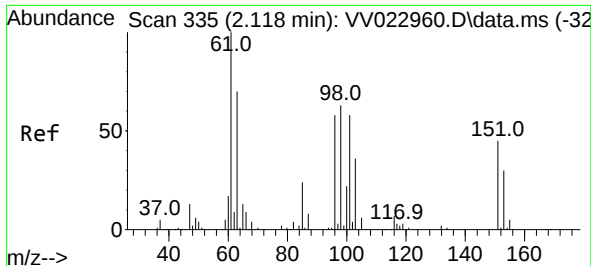
Tgt Ion: 50 Resp: 528
Ion Ratio Lower Upper
50 100
52 34.6 22.9 42.5



#6
Bromomethane
Concen: 0.082 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

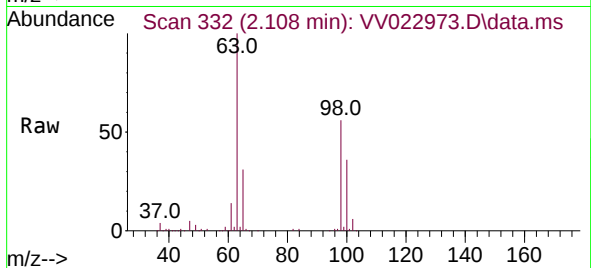
Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 63.9 67.2 124.8#



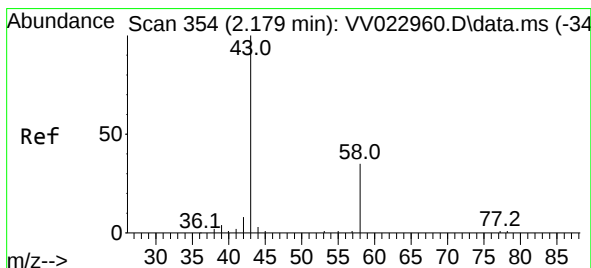
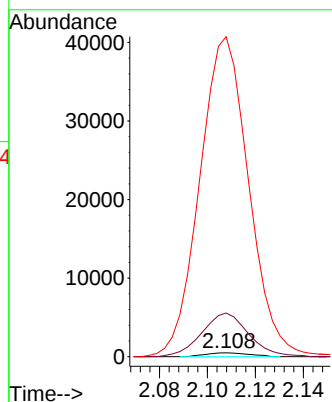
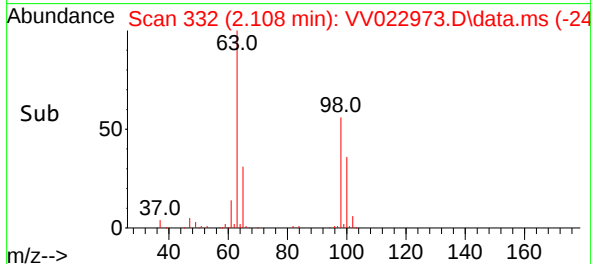


#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :

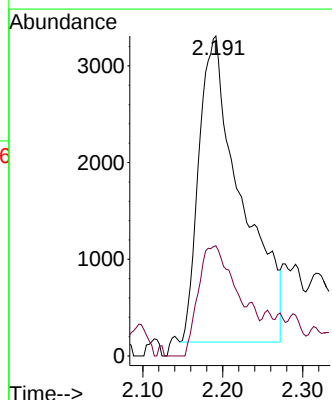
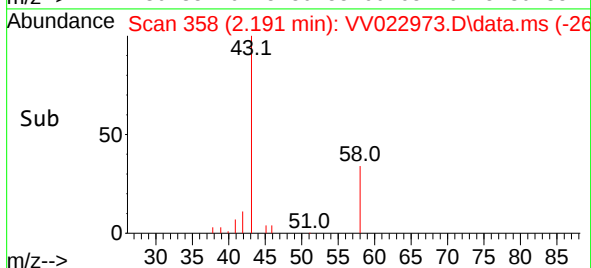
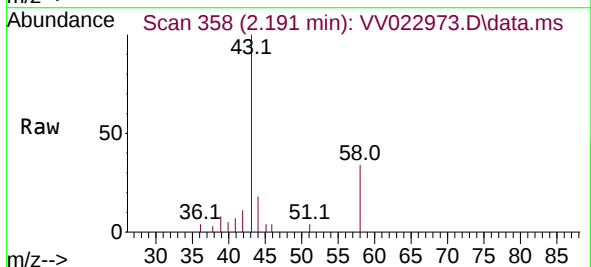


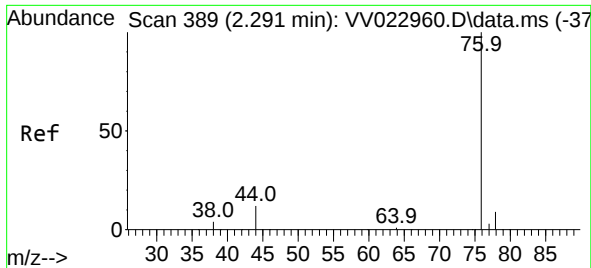
Tgt Ion: 96 Resp: 616
Ion Ratio Lower Upper
96 100
61 1124.9 127.3 236.5#
63 8244.5 106.2 197.2#



#13
Acetone
Concen: 8.130 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.013 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

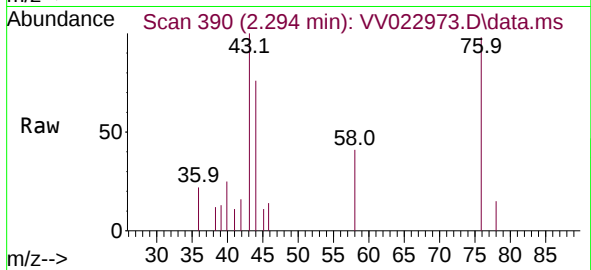
Tgt Ion: 43 Resp: 11651
Ion Ratio Lower Upper
43 100
58 29.8 0.0 24.2#



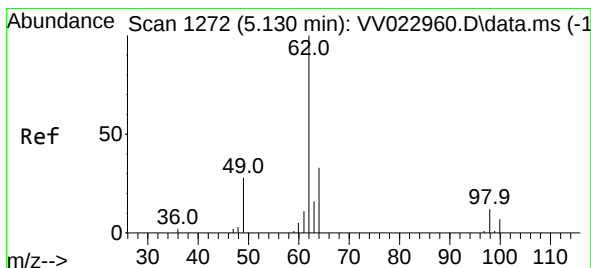
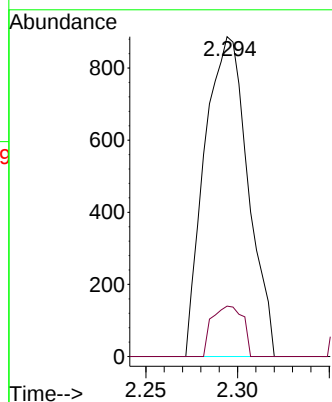
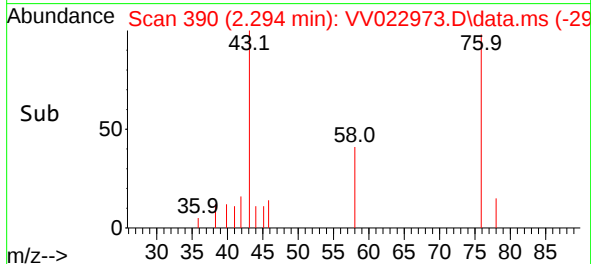


#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :

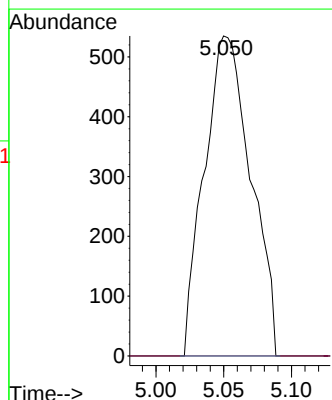
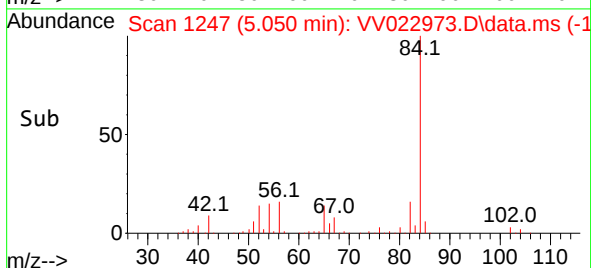
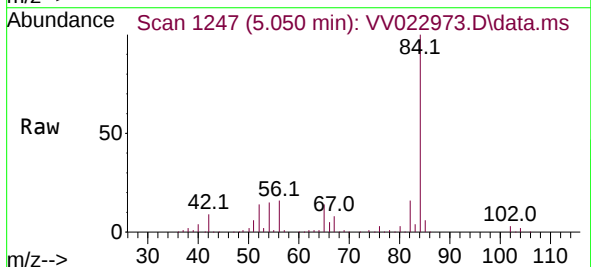


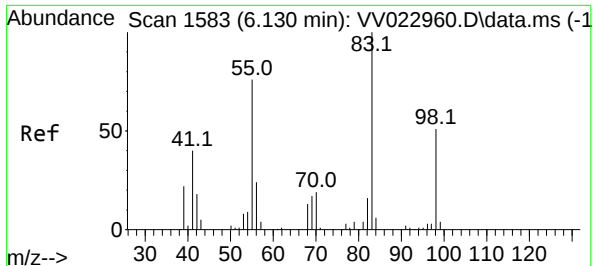
Tgt Ion: 76 Resp: 1458
Ion Ratio Lower Upper
76 100
78 15.8 7.4 11.0#



#27
1,2-Dichloroethane
Concen: 0.131 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.081 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Tgt Ion: 62 Resp: 1280
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#35

Methylcyclohexane

Concen: 1.065 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022973.D

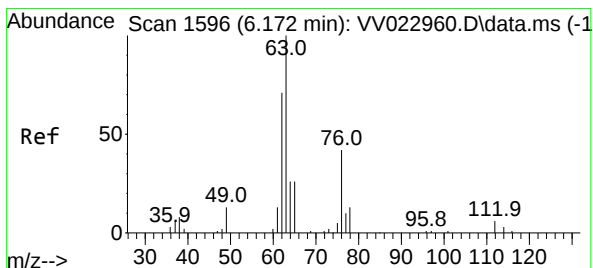
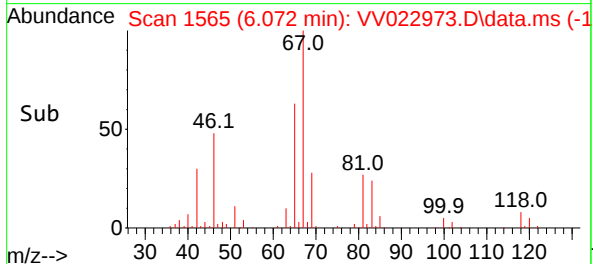
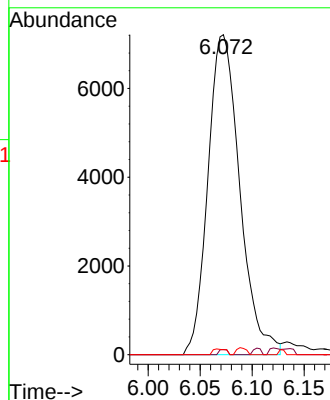
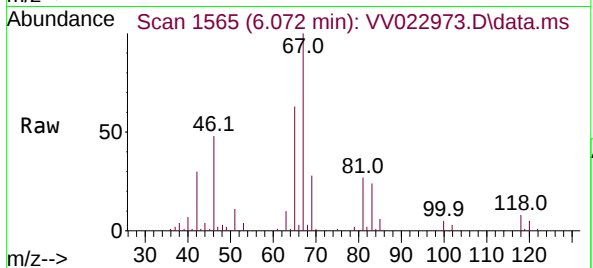
Acq: 21 Oct 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15362
Ion Ratio	Lower Upper
83 100	
55 0.4	63.8 95.6#
98 0.7	42.1 63.1#



#37

1,2-Dichloropropane

Concen: 0.704 ug/L

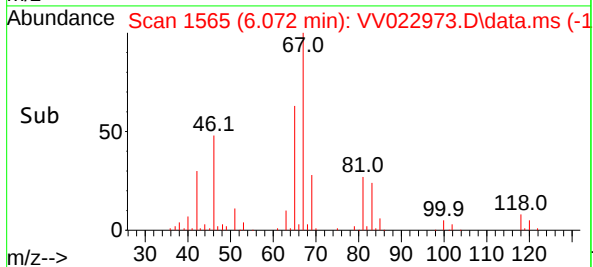
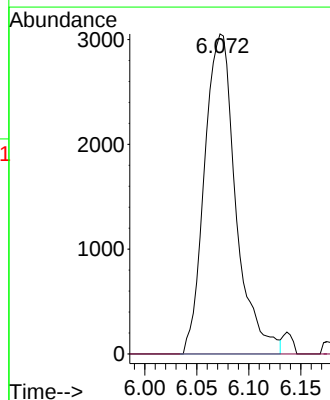
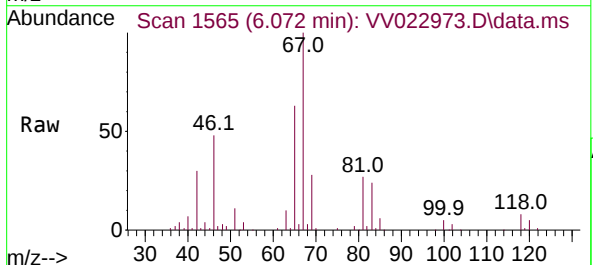
RT: 6.072 min Scan# 1565

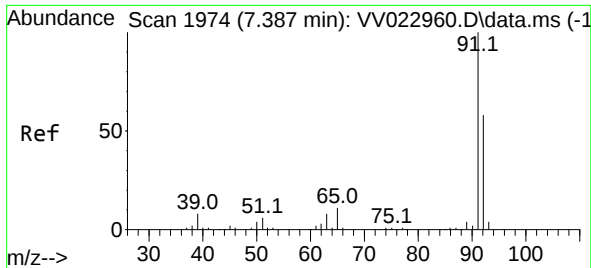
Delta R.T. -0.100 min

Lab File: VV022973.D

Acq: 21 Oct 2021 22:49

Tgt Ion: 63	Resp: 6411
Ion Ratio	Lower Upper
63 100	
112 0.0	4.4 6.6#





#42

Toluene

Concen: 0.275 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV022973.D

Acq: 21 Oct 2021 22:49

Instrument :

MSVOA_V

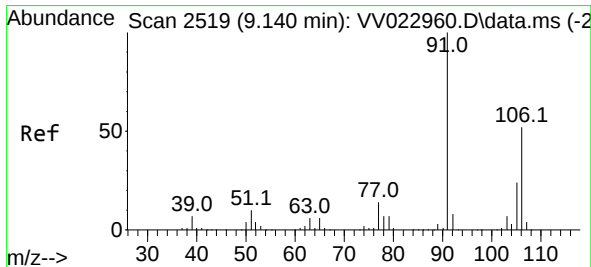
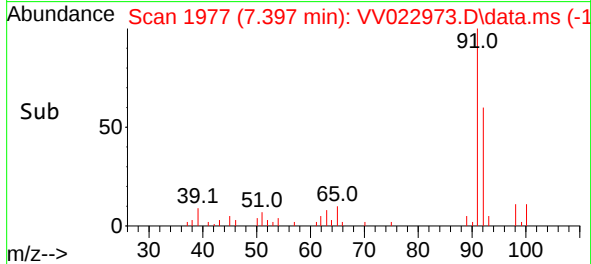
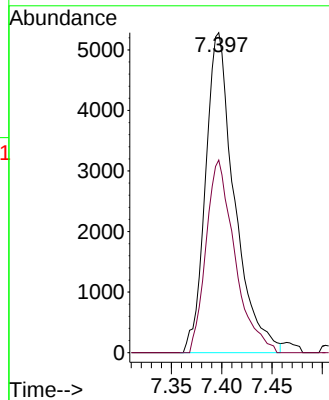
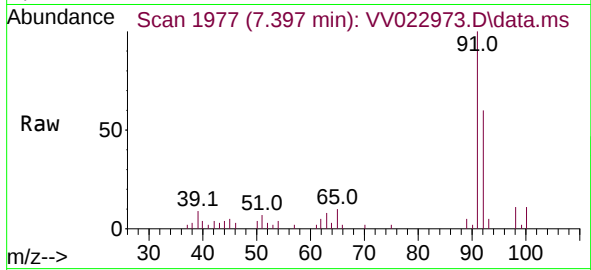
ClientSampleId :

Tgt Ion: 91 Resp: 10552

Ion Ratio Lower Upper

91 100

92 60.2 40.7 75.7



#53

m,p-xylene

Concen: 0.102 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV022973.D

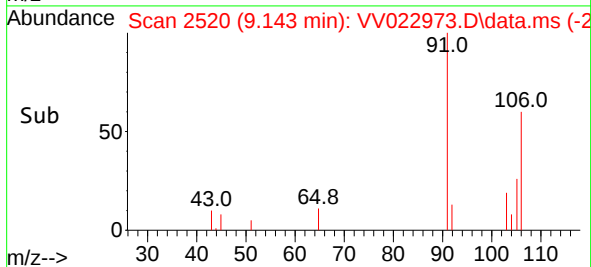
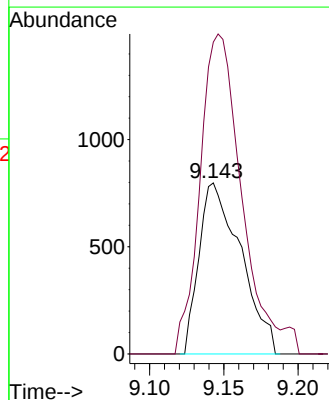
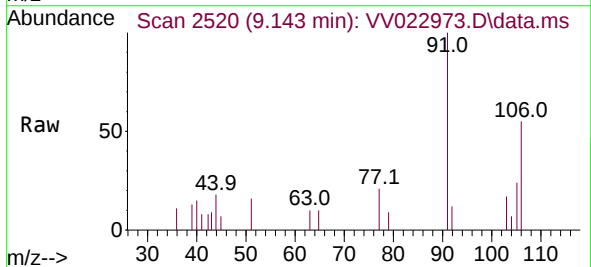
Acq: 21 Oct 2021 22:49

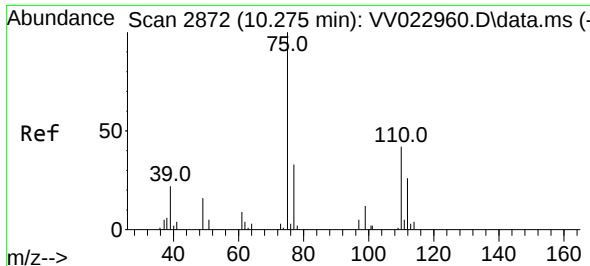
Tgt Ion: 106 Resp: 1558

Ion Ratio Lower Upper

106 100

91 182.3 138.7 257.5

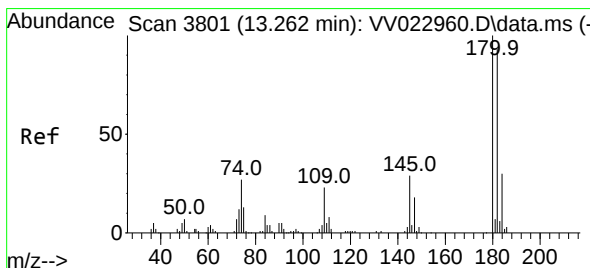
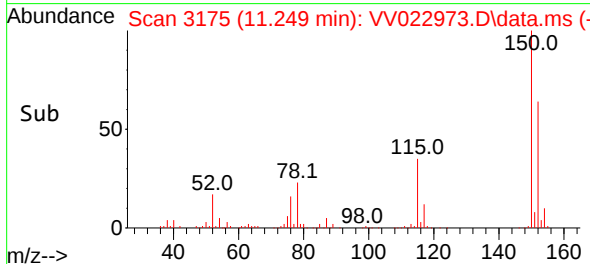
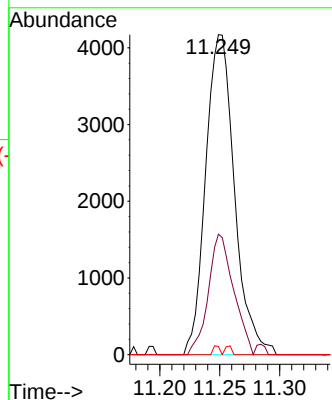
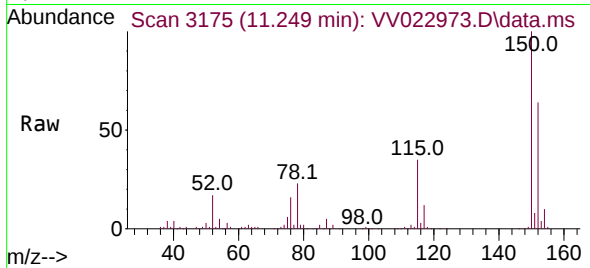




#61
 1,2,3-Trichloropropane
 Concen: 1.543 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022973.D
 Acq: 21 Oct 2021 22:49

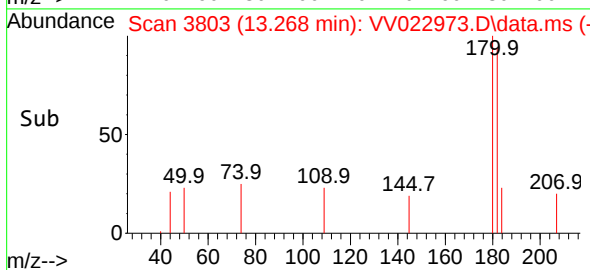
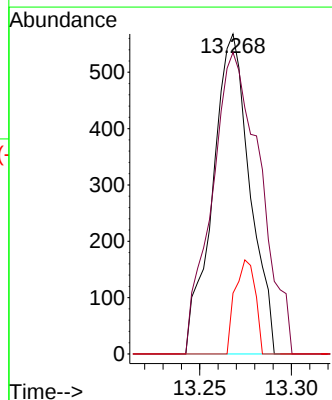
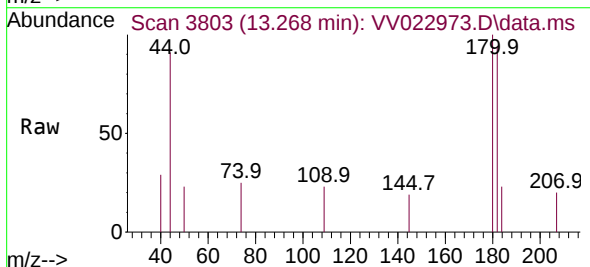
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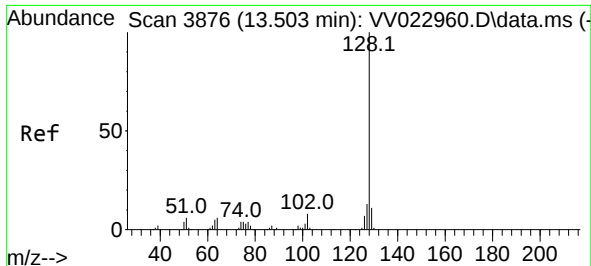
Tgt Ion: 75 Resp: 6975
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2
 110 0.6 34.2 51.4#



#70
 1,2,4-trichlorobenzene
 Concen: 0.081 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.006 min
 Lab File: VV022973.D
 Acq: 21 Oct 2021 22:49

Tgt Ion: 180 Resp: 805
 Ion Ratio Lower Upper
 180 100
 182 121.7 76.0 114.0#
 145 15.9 24.1 36.1#

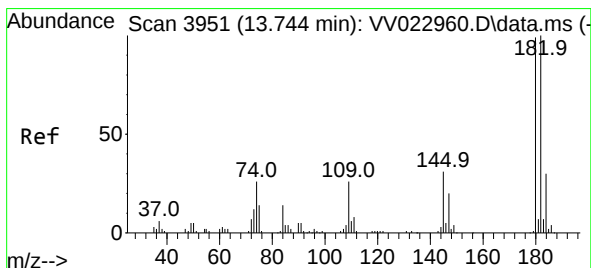
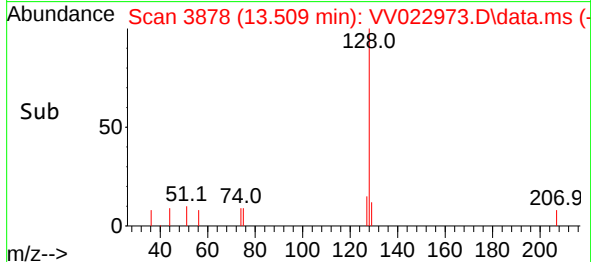
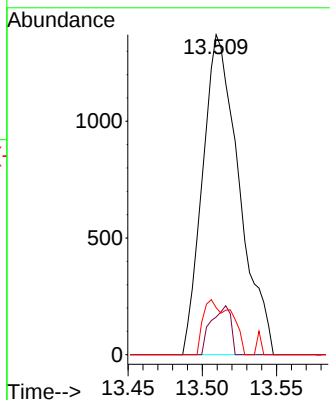
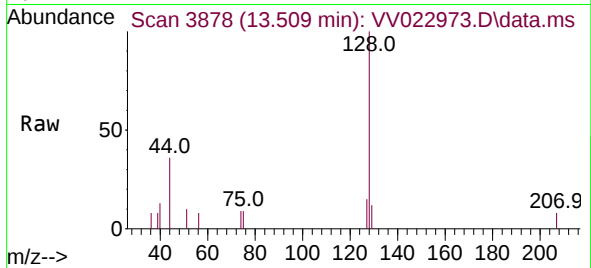




#71
Naphthalene
Concen: 0.148 ug/L
RT: 13.509 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2341
Ion Ratio Lower Upper
128 100
129 8.2 9.3 13.9#
127 13.2 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.081 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022973.D
Acq: 21 Oct 2021 22:49

Tgt Ion:180 Resp: 760
Ion Ratio Lower Upper
180 100
182 101.6 75.5 113.3
145 28.4 24.7 37.1

