

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022974.D
 Acq On : 21 Oct 2021 23:13
 Operator : SY/MD
 Sample : M4265-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:59:31 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)

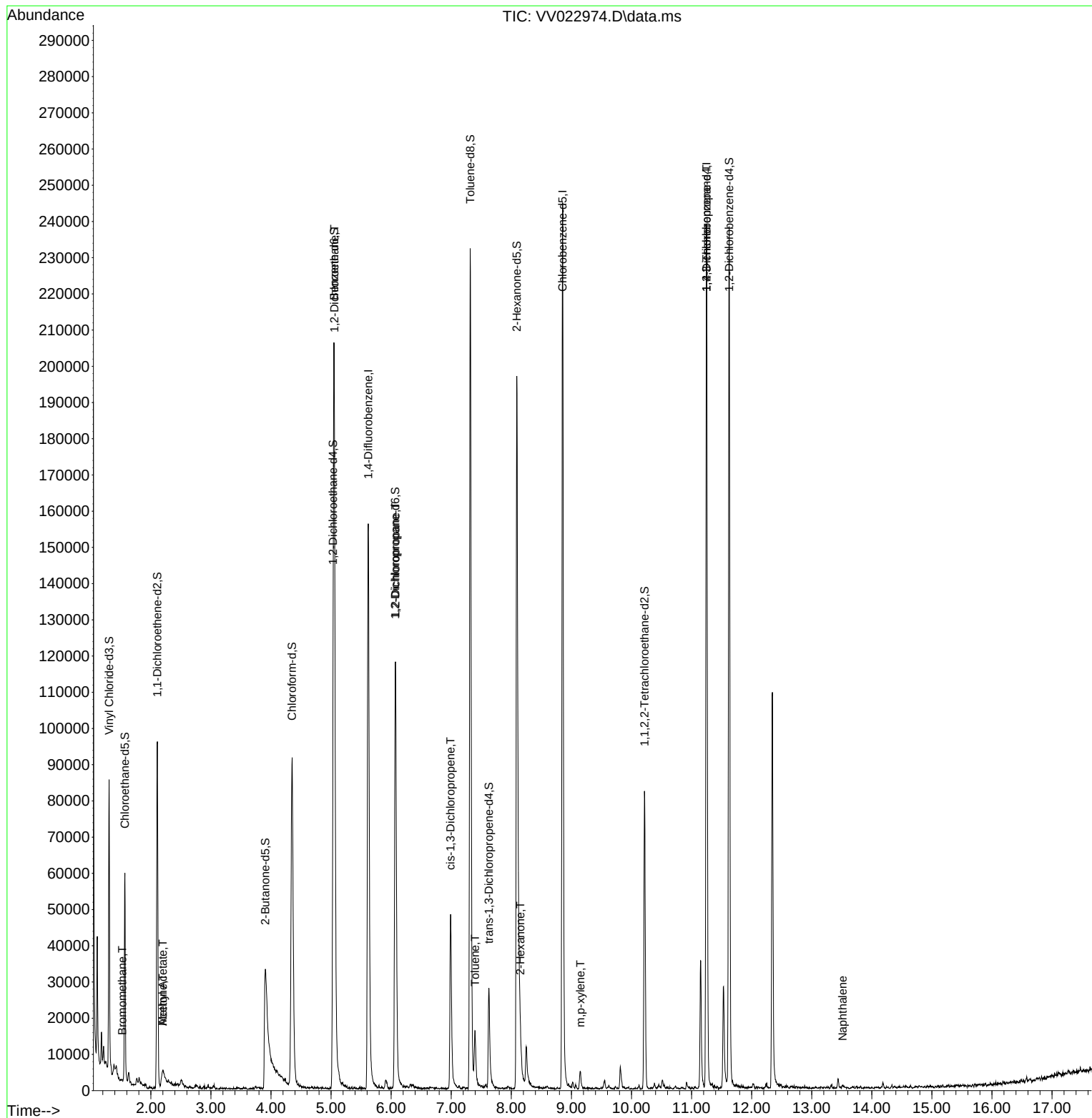
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43406	4.507	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.568	69	34192	3.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.108	63	49340	2.612	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.200%#	
20) 2-Butanone-d5	3.905	46	80723	31.969	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.940%	
24) Chloroform-d	4.349	84	94904	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.034	65	43323	4.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.050	84	190074	4.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	59589	4.847	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.317	98	156321	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	17749	4.352	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.092	63	78294	47.633	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40027	4.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62723	5.195	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						Qvalue
6) Bromomethane	1.523	94	295	0.045	ug/L	76
13) Acetone	2.198	43	13440	9.545	ug/L #	53
15) Methyl Acetate	2.198	43	13440	3.336	ug/L #	50
27) 1,2-Dichloroethane	5.053	62	902	0.094	ug/L #	69
37) 1,2-Dichloropropane	6.072	63	6516	0.721	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1311	0.110	ug/L #	78
42) Toluene	7.397	91	11479	0.301	ug/L	96
48) 2-Hexanone	8.150	43	3255	0.917	ug/L #	76
53) m,p-xylene	9.149	106	1602	0.105	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	6813	1.506	ug/L #	61
71) Naphthalene	13.516	128	1075	0.068	ug/L #	68

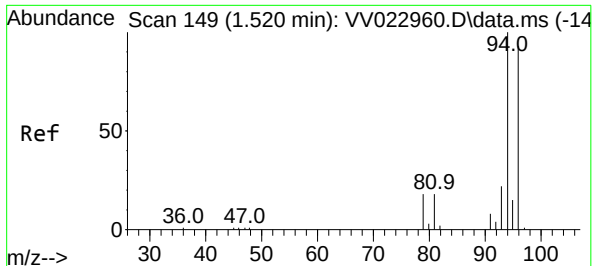
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

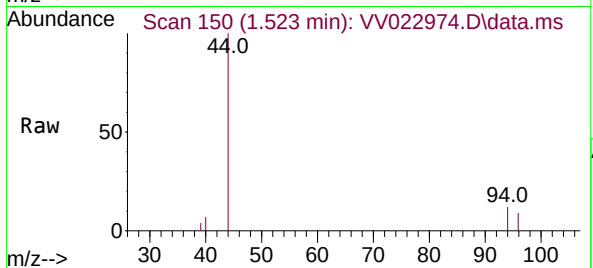
Quant Time: Oct 22 04:59:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 22 04:55:17 2021
Response via : Initial Calibration



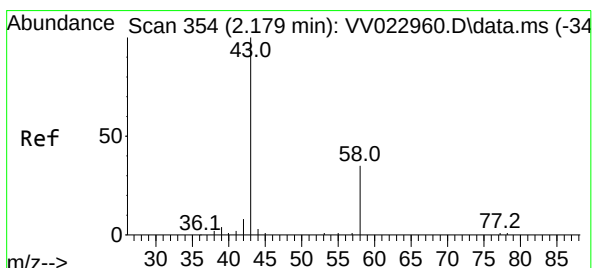
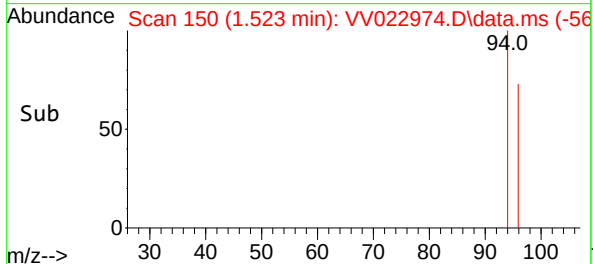
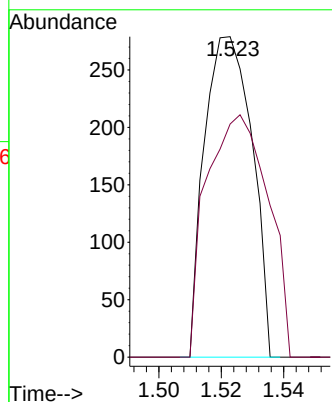


#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

Instrument :
MSVOA_V
ClientSampleId :

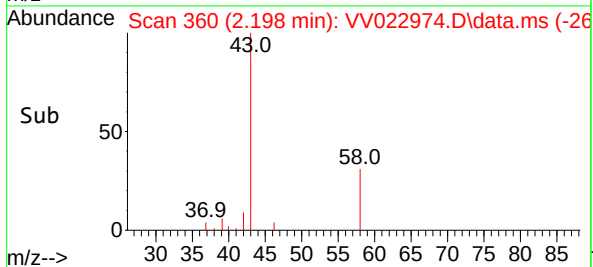
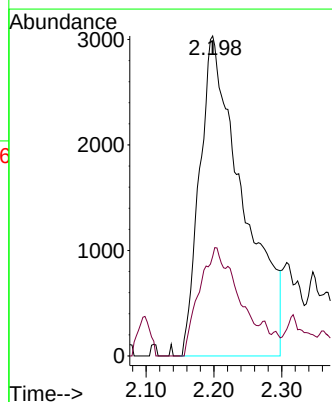
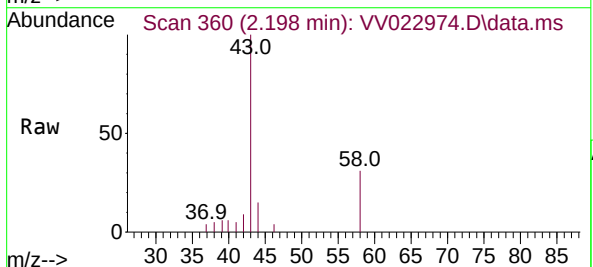


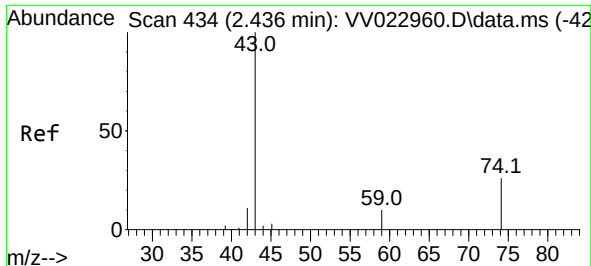
Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 72.8 67.2 124.8



#13
Acetone
Concen: 9.545 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.019 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

Tgt Ion: 43 Resp: 13440
Ion Ratio Lower Upper
43 100
58 30.4 0.0 24.2#

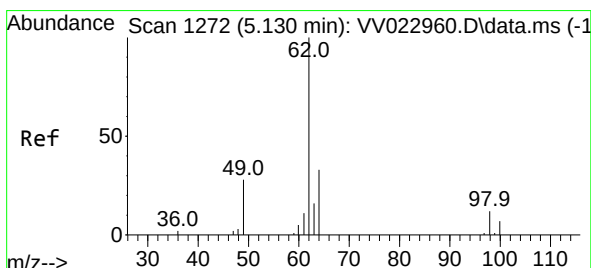
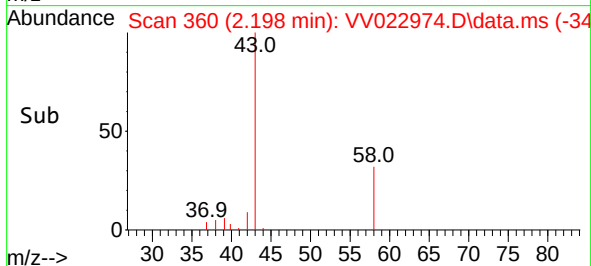
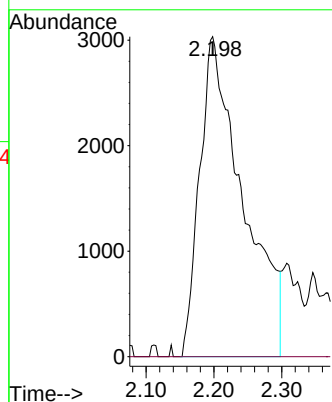
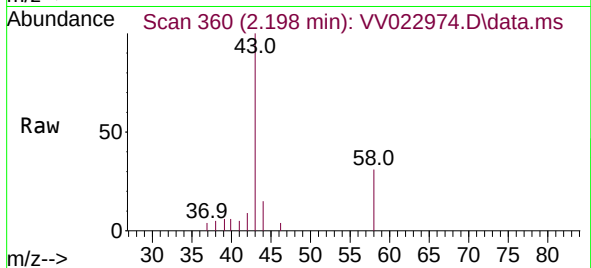




#15
Methyl Acetate
Concen: 3.336 ug/L
RT: 2.198 min Scan# 30
Delta R.T. -0.238 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

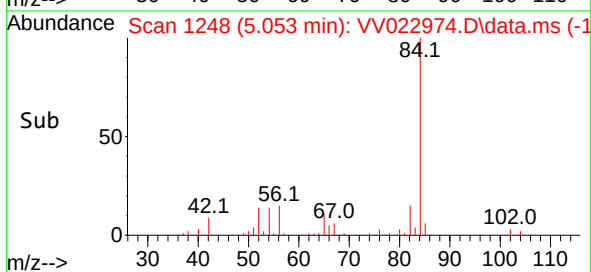
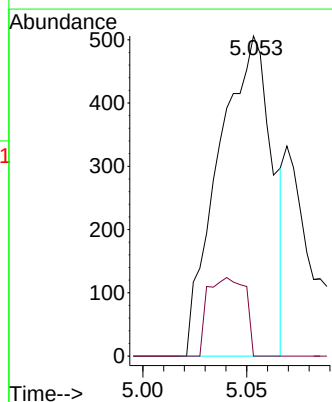
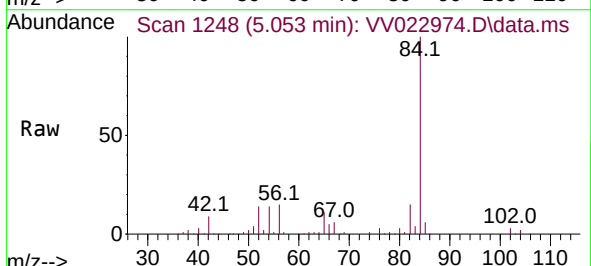
Instrument :
MSVOA_V
ClientSampleId :

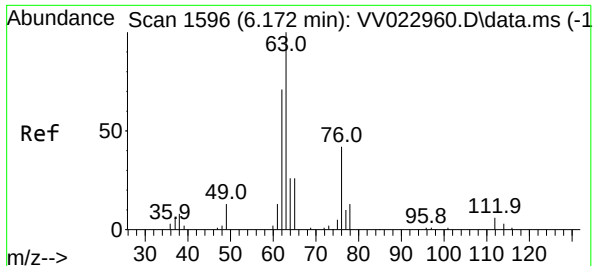
Tgt Ion: 43 Resp: 13440
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

Tgt Ion: 62 Resp: 902
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV022974.D

Acq: 21 Oct 2021 23:13

Instrument :

MSVOA_V

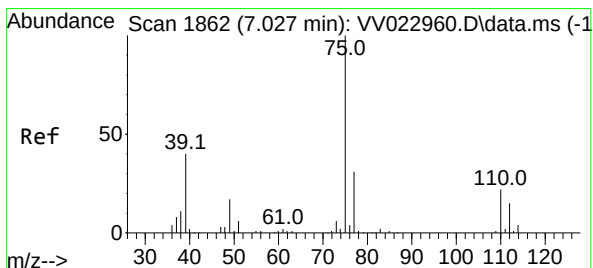
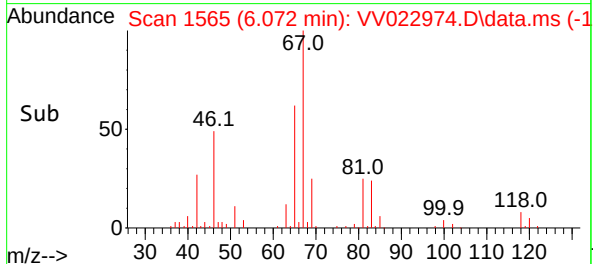
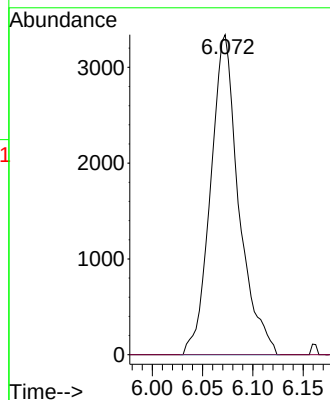
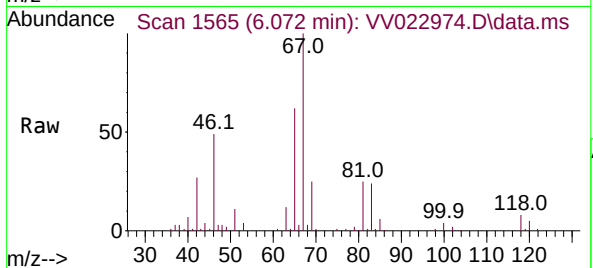
ClientSampleId :

Tgt Ion: 63 Resp: 6516

Ion Ratio Lower Upper

63 100

112 0.3 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022974.D

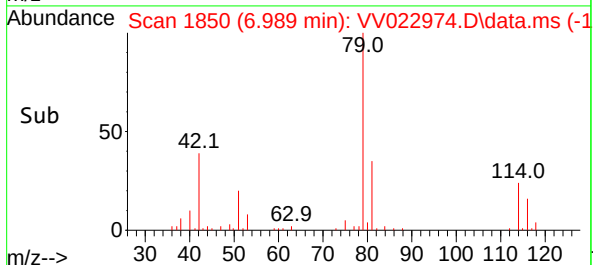
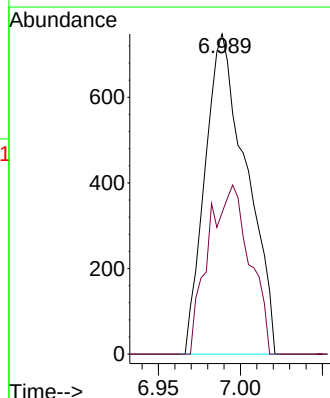
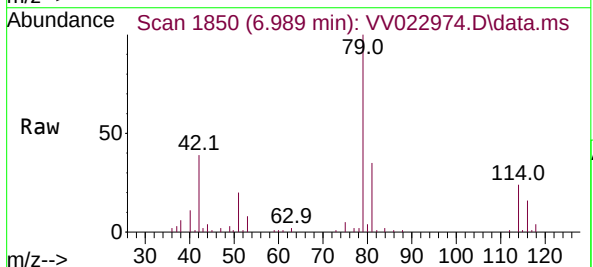
Acq: 21 Oct 2021 23:13

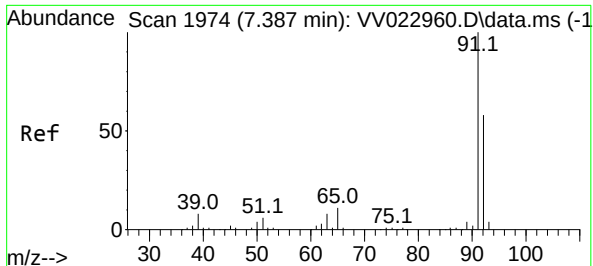
Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 44.3 22.3 41.3#





#42

Toluene

Concen: 0.301 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV022974.D

Acq: 21 Oct 2021 23:13

Instrument :

MSVOA_V

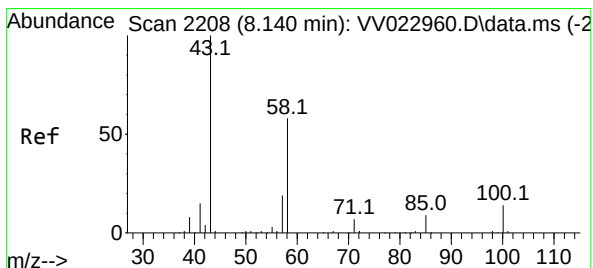
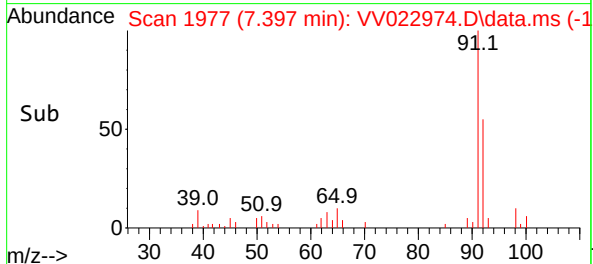
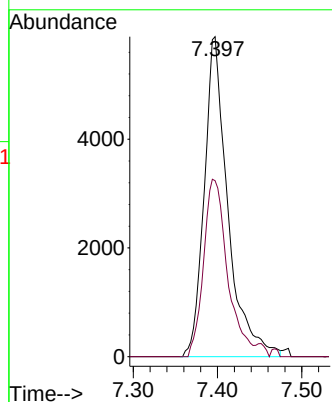
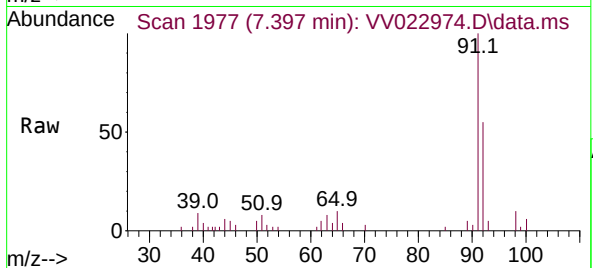
ClientSampleId :

Tgt Ion: 91 Resp: 11479

Ion Ratio Lower Upper

91 100

92 55.0 40.7 75.7



#48

2-Hexanone

Concen: 0.917 ug/L

RT: 8.150 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV022974.D

Acq: 21 Oct 2021 23:13

Tgt Ion: 43 Resp: 3255

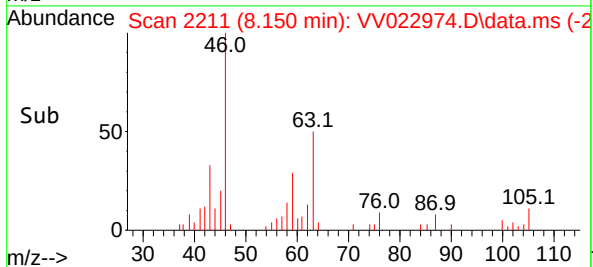
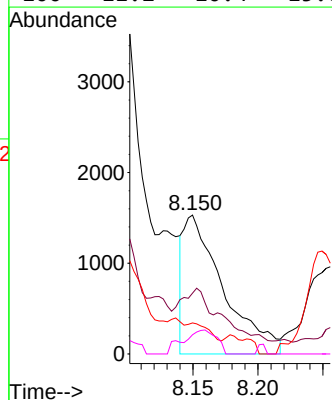
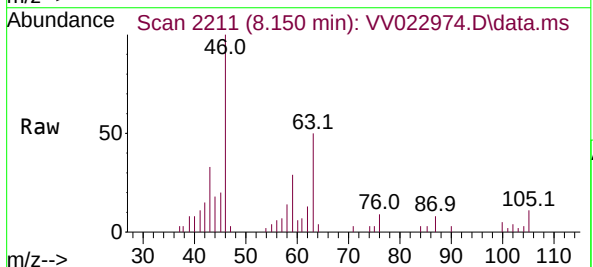
Ion Ratio Lower Upper

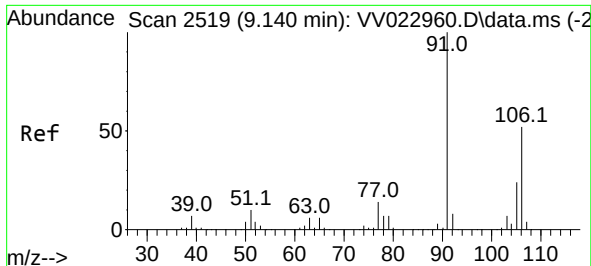
43 100

58 42.4 47.4 71.0#

57 0.0 15.3 22.9#

100 11.2 10.4 15.6

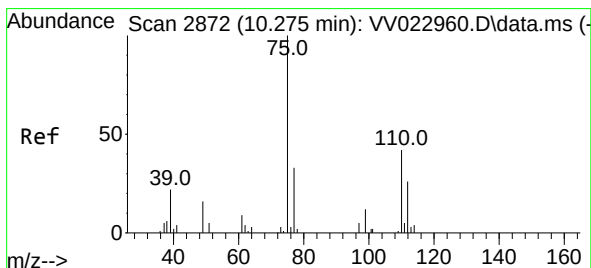
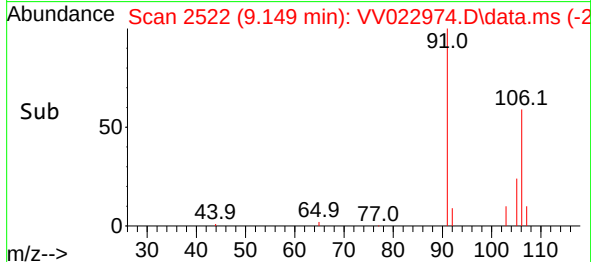
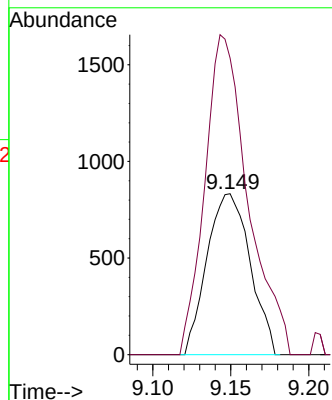
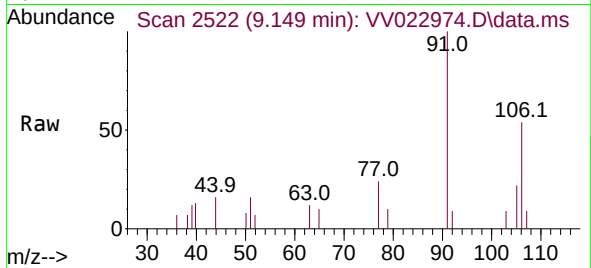




#53
m,p-xylene
Concen: 0.105 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

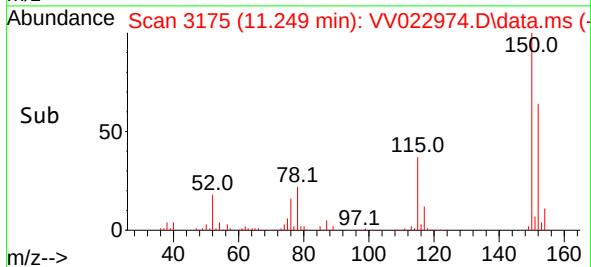
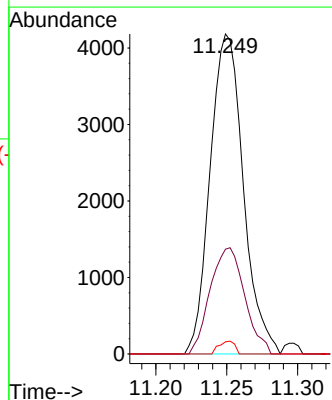
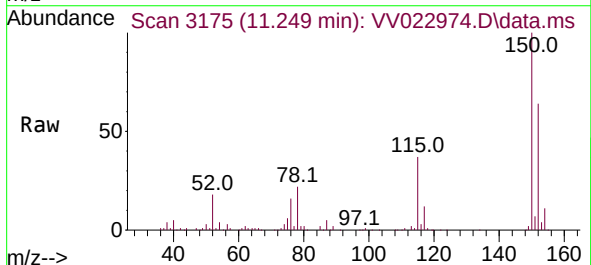
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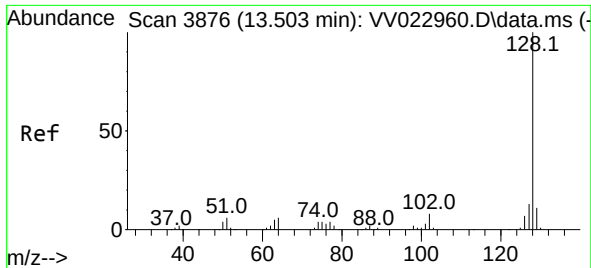
Tgt Ion:106 Resp: 1602
Ion Ratio Lower Upper
106 100
91 184.2 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.506 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022974.D
Acq: 21 Oct 2021 23:13

Tgt Ion: 75 Resp: 6813
Ion Ratio Lower Upper
75 100
77 34.6 25.4 38.2
110 1.9 34.2 51.4#





#71

Naphthalene

Concen: 0.068 ug/L

RT: 13.516 min Scan# 3880

Delta R.T. 0.013 min

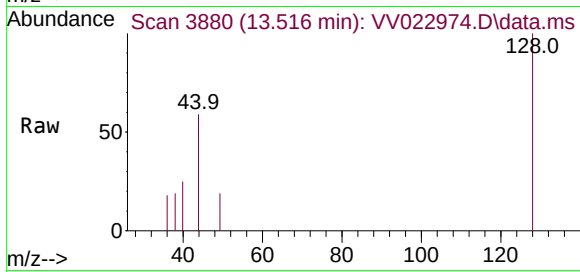
Lab File: VV022974.D

Acq: 21 Oct 2021 23:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1075

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

127 0.0 10.8 16.2#

