

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022798.D
 Acq On : 14 Oct 2021 17:29
 Operator : SY/MD
 Sample : M4214-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGH8

Quant Time: Oct 15 02:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

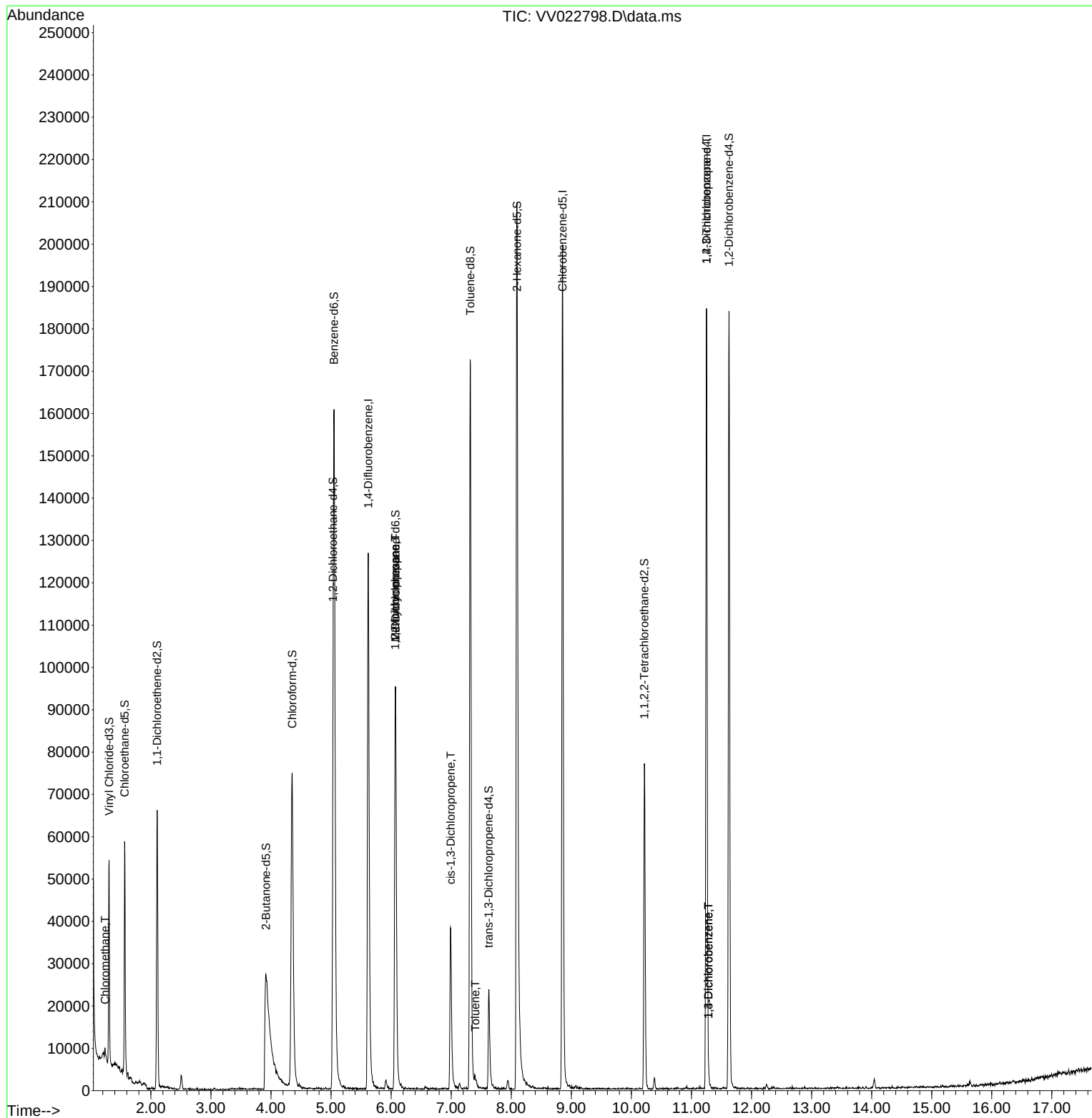
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114045	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50758	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29060	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.564	69	32026	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.104	63	33676	2.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.800%#
20) 2-Butanone-d5	3.915	46	95133	46.240	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.480%
24) Chloroform-d	4.352	84	78958	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	38436	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	145741	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	49204	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	119037	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.625	79	14154	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.095	63	80689	60.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36874	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	49154	5.223	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1263	0.151	ug/L	89
35) Methylcyclohexane	6.072	83	11948	1.024	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5176	0.703	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1035	0.106	ug/L #	36
42) Toluene	7.400	91	2127	0.068	ug/L	84
61) 1,2,3-Trichloropropane	11.249	75	5842	1.657	ug/L #	62
64) 1,3-Dichlorobenzene	11.284	146	925	0.068	ug/L #	78
65) 1,4-Dichlorobenzene	11.284	146	925	0.067	ug/L #	79

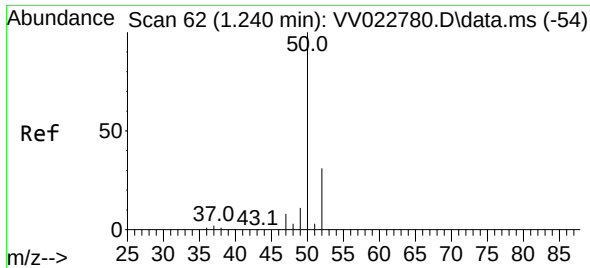
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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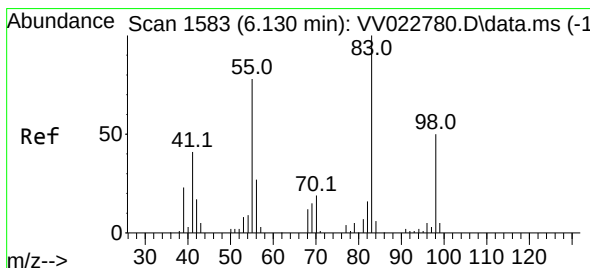
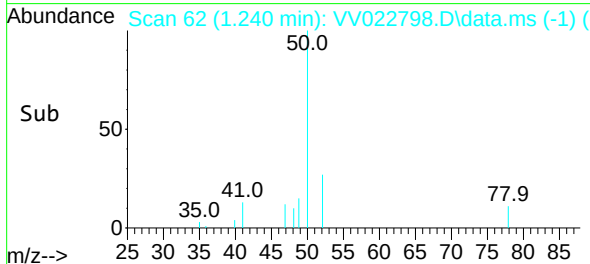
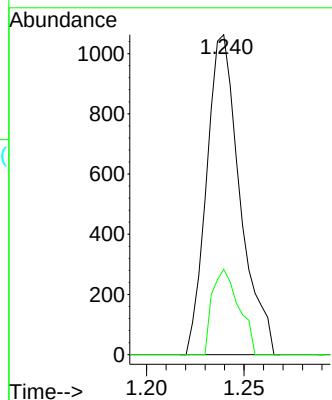
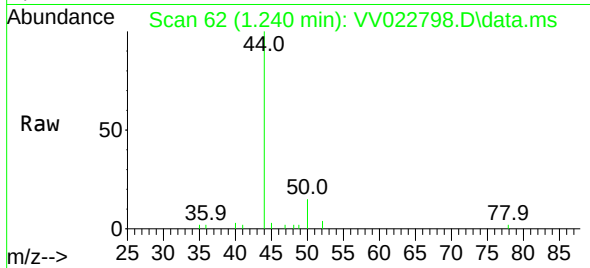




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

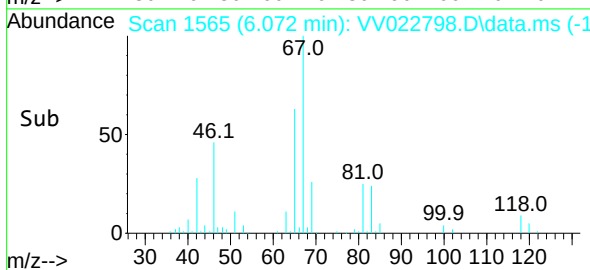
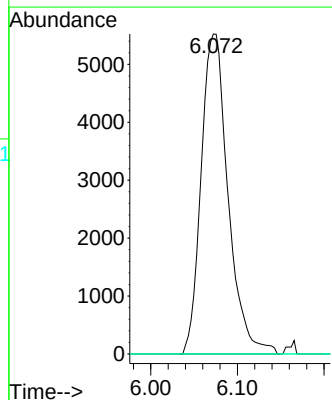
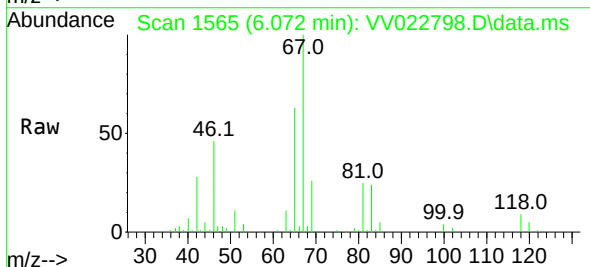
Instrument :
MSVOA_V
ClientSampled :
JDGH8

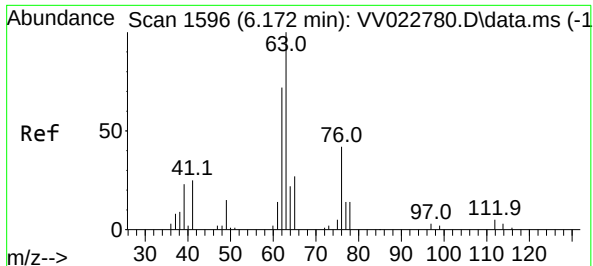
Tgt Ion: 50 Resp: 1263
Ion Ratio Lower Upper
50 100
52 26.7 22.9 42.5



#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Tgt Ion: 83 Resp: 11948
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.4 42.1 63.1#



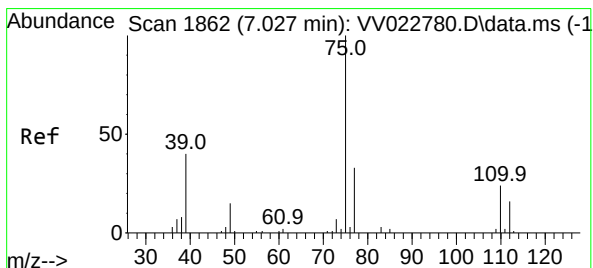
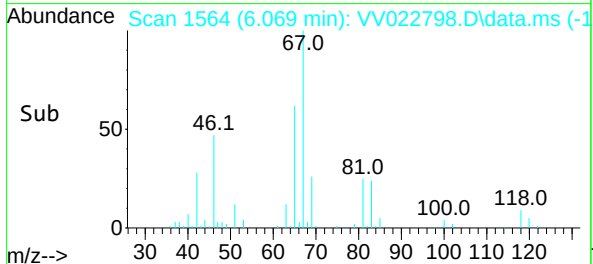
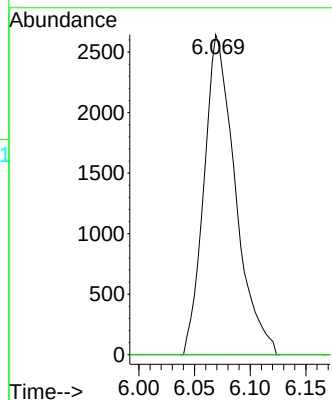
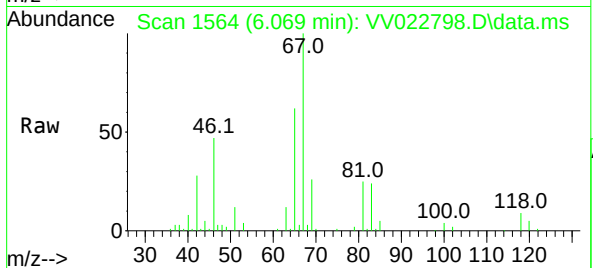


#37

1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Instrument :
MSVOA_V
ClientSampled :
JDGH8

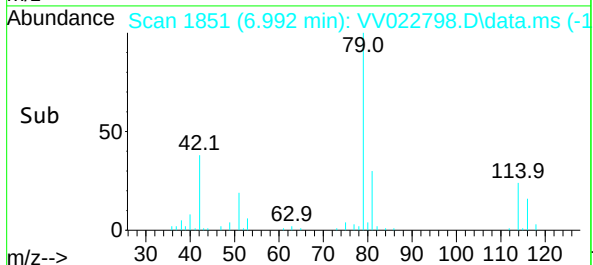
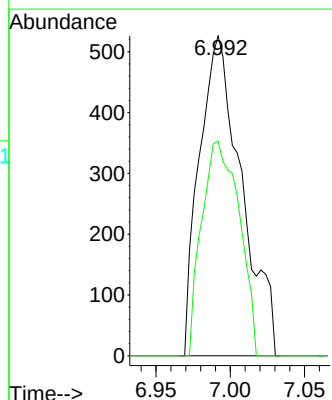
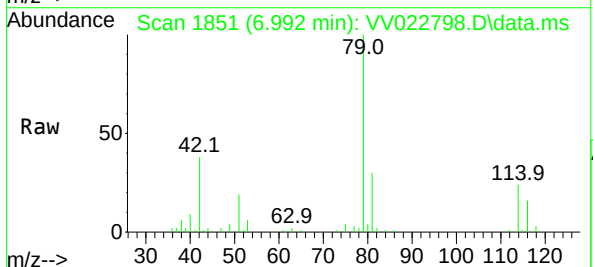
Tgt Ion: 63 Resp: 5176
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

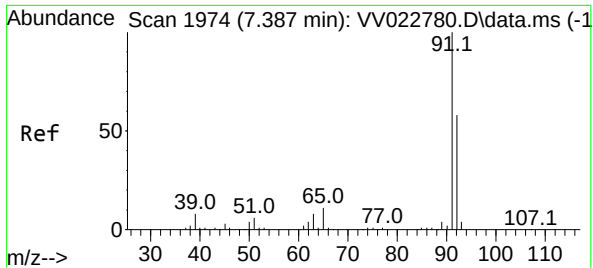


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Tgt Ion: 75 Resp: 1035
Ion Ratio Lower Upper
75 100
77 67.1 22.3 41.3#

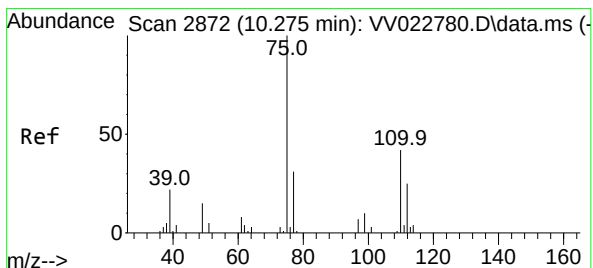
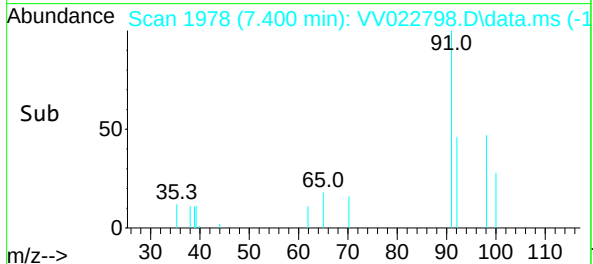
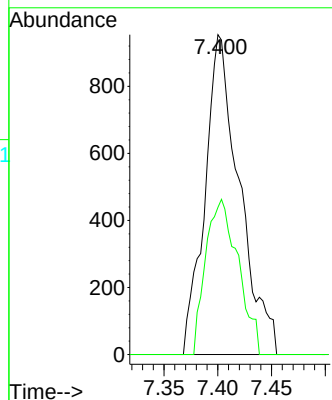
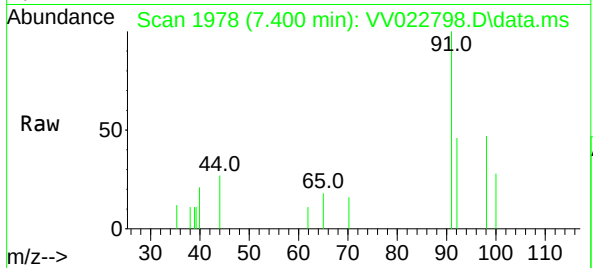




#42
Toluene
Concen: 0.068 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

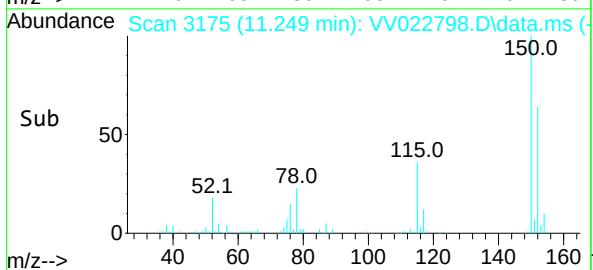
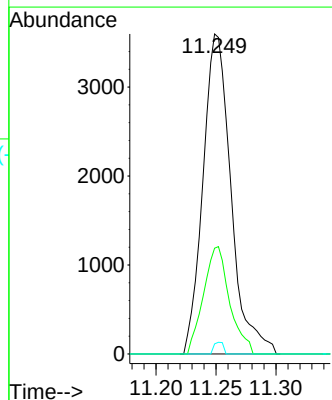
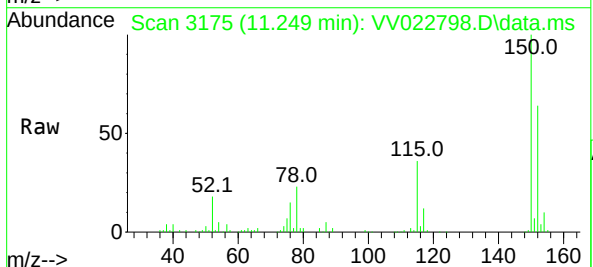
Instrument :
MSVOA_V
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JDGH8

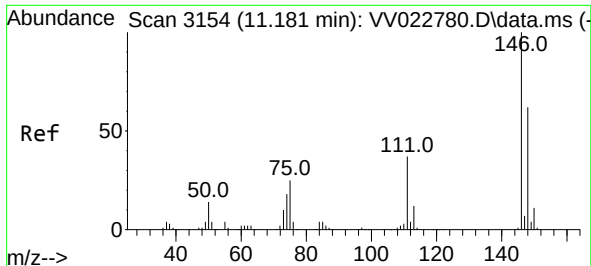
Tgt Ion: 91 Resp: 2127
Ion Ratio Lower Upper
91 100
92 46.0 40.7 75.7



#61
1,2,3-Trichloropropane
Concen: 1.657 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Tgt Ion: 75 Resp: 5842
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
110 1.2 34.2 51.4#

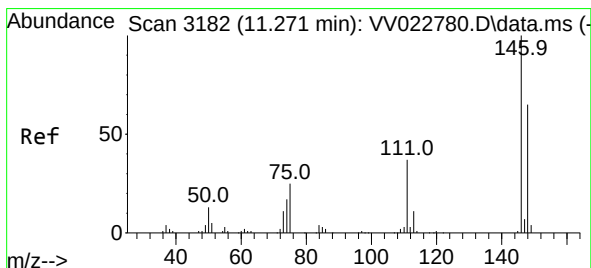
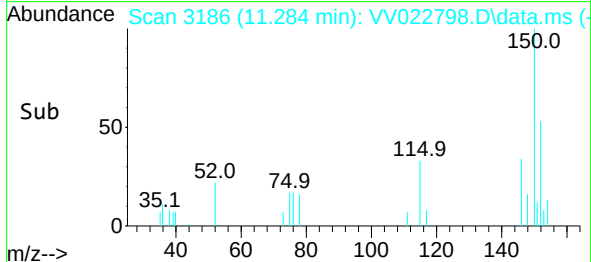
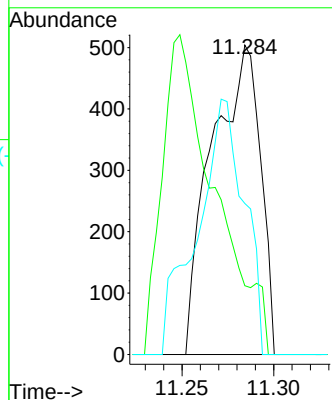
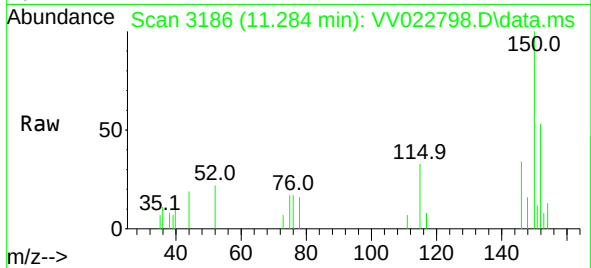




#64
1,3-Dichlorobenzene
Concen: 0.068 ug/L
RT: 11.284 min Scan# 3186
Delta R.T. 0.103 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Instrument :
MSVOA_V
ClientSampled :
JDGH8

Tgt Ion:146 Resp: 925
Ion Ratio Lower Upper
146 100
111 22.2 26.7 49.5#
148 48.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.284 min Scan# 3186
Delta R.T. 0.013 min
Lab File: VV022798.D
Acq: 14 Oct 2021 17:29

Tgt Ion:146 Resp: 925
Ion Ratio Lower Upper
146 100
111 22.2 25.6 47.4#
148 48.8 44.9 83.5

