

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023974.D
 Acq On : 14 Dec 2021 17:48
 Operator : SY/MD
 Sample : M5005-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW217

Quant Time: Dec 15 01:40:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

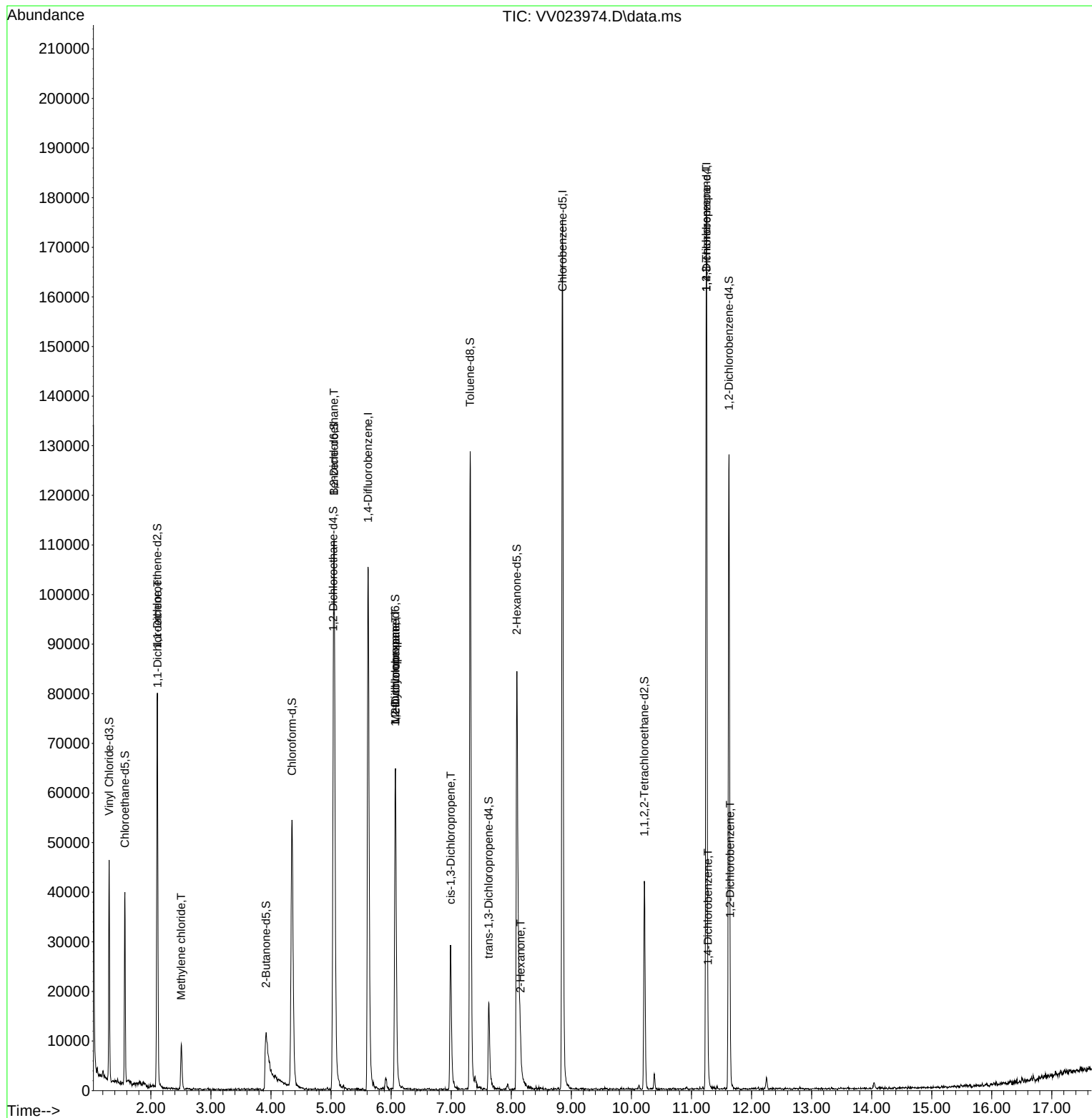
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	95585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26843	5.224	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.568	69	21744	5.072	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.400%		
11) 1,1-Dichloroethene-d2	2.108	63	39279	3.916	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.400%		
20) 2-Butanone-d5	3.918	46	26693	26.589	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 53.180%		
24) Chloroform-d	4.349	84	54223	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.200%		
26) 1,2-Dichloroethane-d4	5.037	65	25299	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.400%		
32) Benzene-d6	5.050	84	98846	4.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
36) 1,2-Dichloropropane-d6	6.069	67	28889	4.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.600%		
41) Toluene-d8	7.316	98	88945	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.600%		
43) trans-1,3-Dichloroprop...	7.625	79	11097	4.426	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 88.600%		
46) 2-Hexanone-d5	8.091	63	36069	32.133	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 64.260%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18948	3.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 75.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	34490	5.256	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.200%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	400	0.062	ug/L #	1
16) Methylene chloride	2.506	84	3989	0.475	ug/L	96
27) 1,2-Dichloroethane	5.050	62	584	0.076	ug/L #	73
35) Methylcyclohexane	6.072	83	7792	0.656	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	3699	0.544	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	871	0.086	ug/L #	66
48) 2-Hexanone	8.156	43	2547	1.075	ug/L #	81
61) 1,2,3-Trichloropropane	11.246	75	5343	1.597	ug/L #	63
65) 1,4-Dichlorobenzene	11.275	146	769	0.052	ug/L #	86
67) 1,2-Dichlorobenzene	11.644	146	876	0.065	ug/L #	39

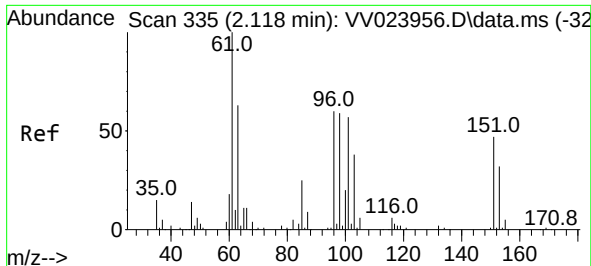
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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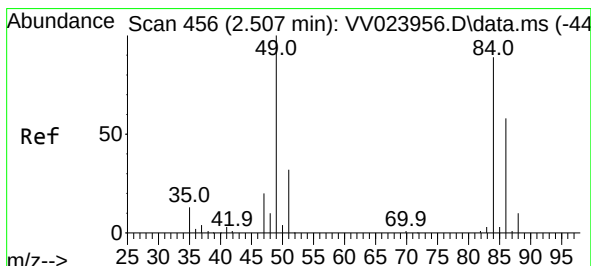
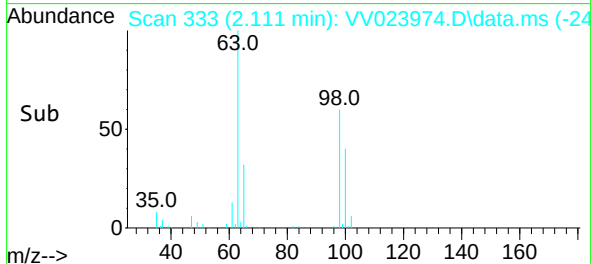
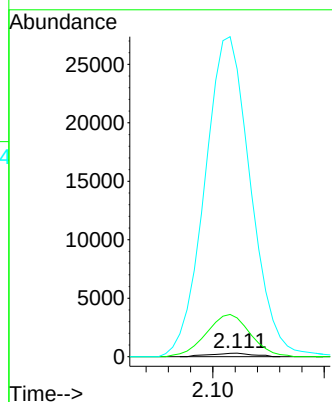
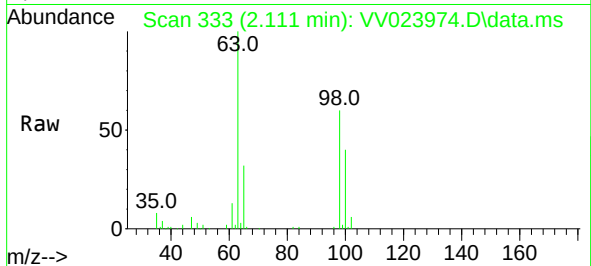




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV023974.D
 Acq: 14 Dec 2021 17:48

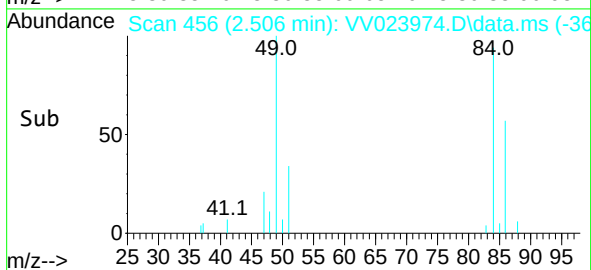
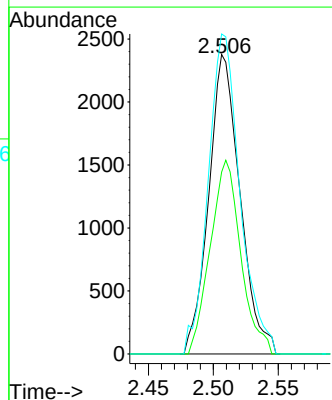
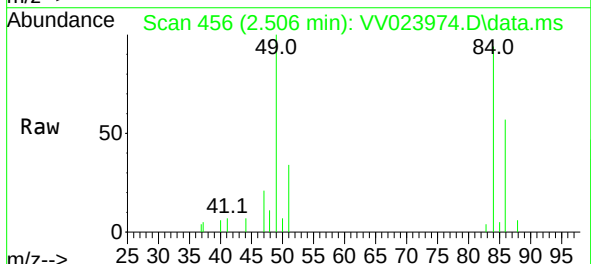
Instrument :
 MSVOA_V
 ClientSampleId :
 EW217

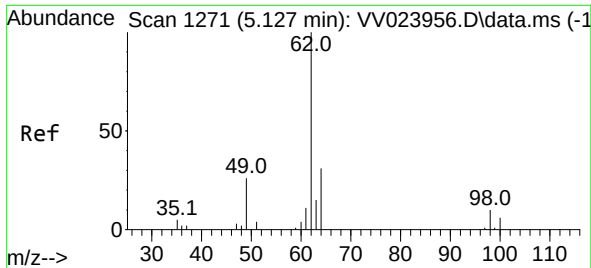
Tgt Ion: 96 Resp: 400
 Ion Ratio Lower Upper
 96 100
 61 1082.4 116.1 215.5#
 63 8036.6 79.4 147.4#



#16
 Methylene chloride
 Concen: 0.475 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. -0.000 min
 Lab File: VV023974.D
 Acq: 14 Dec 2021 17:48

Tgt Ion: 84 Resp: 3989
 Ion Ratio Lower Upper
 84 100
 86 60.7 42.6 79.0
 49 106.9 79.7 147.9

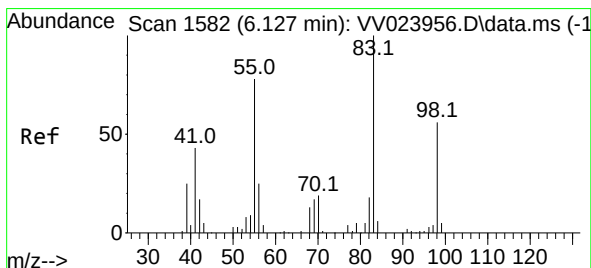
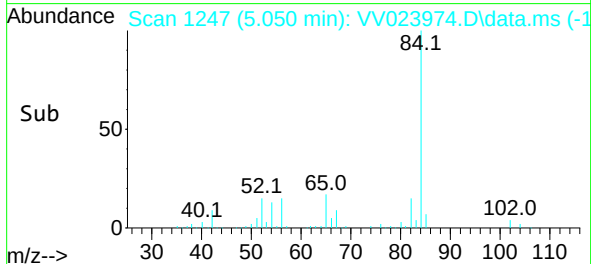
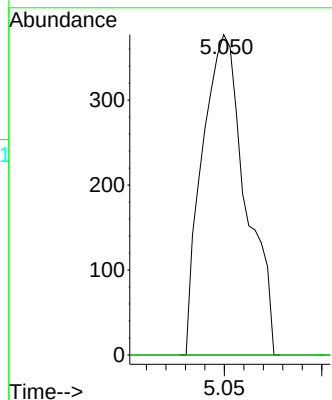
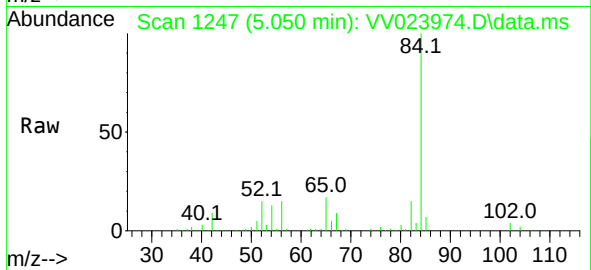




#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.080 min
Lab File: VV023974.D
Acq: 14 Dec 2021 17:48

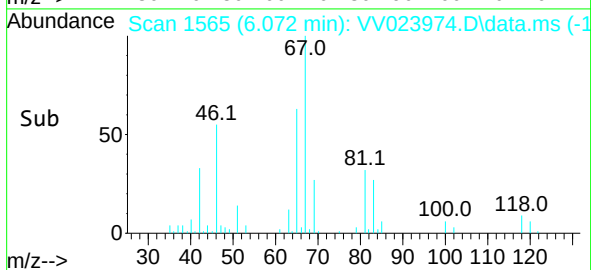
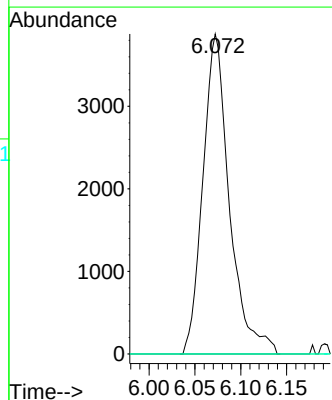
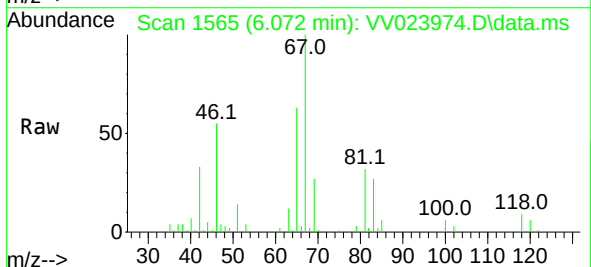
Instrument :
MSVOA_V
ClientSampleId :
EW217

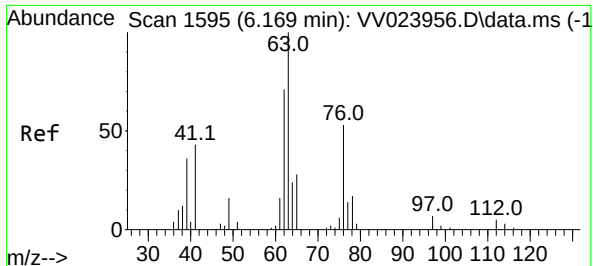
Tgt Ion: 62 Resp: 584
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#



#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023974.D
Acq: 14 Dec 2021 17:48

Tgt Ion: 83 Resp: 7792
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 6.7 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV023974.D

Acq: 14 Dec 2021 17:48

Instrument :

MSVOA_V

ClientSampleId :

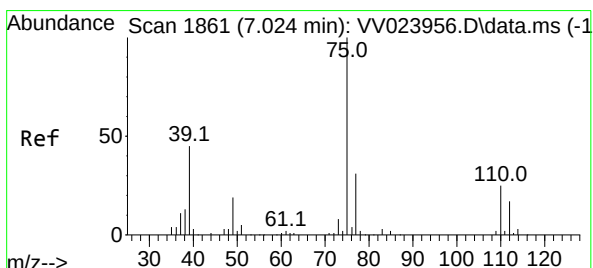
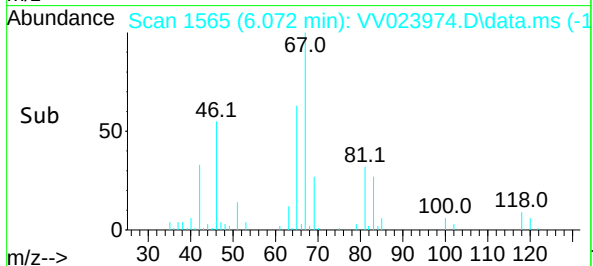
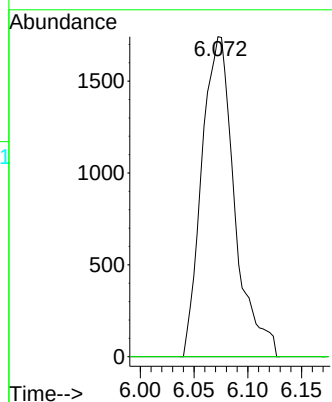
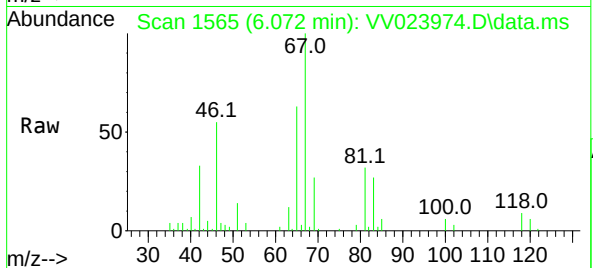
EW217

Tgt Ion: 63 Resp: 3699

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023974.D

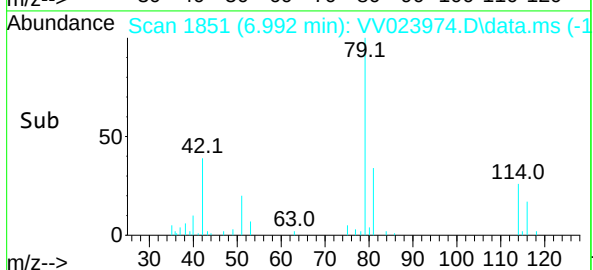
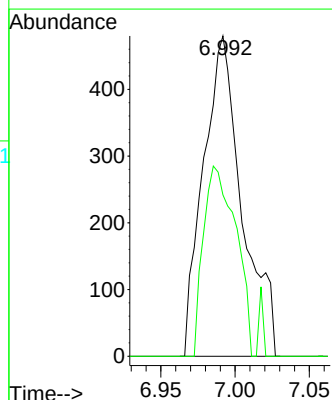
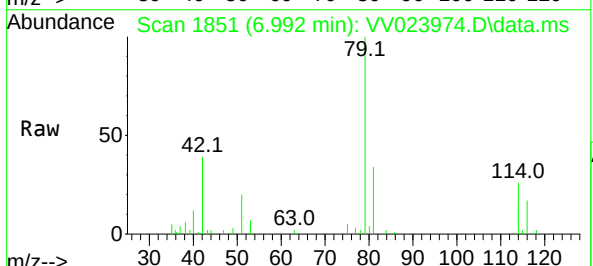
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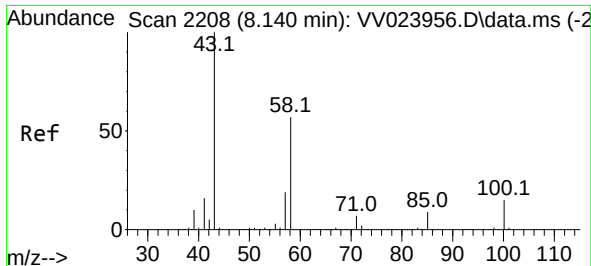
Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

77 50.4 22.0 41.0#





#48

2-Hexanone

Concen: 1.075 ug/L

RT: 8.156 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV023974.D

Acq: 14 Dec 2021 17:48

Instrument :

MSVOA_V

ClientSampleId :

EW217

Tgt Ion: 43 Resp: 2547

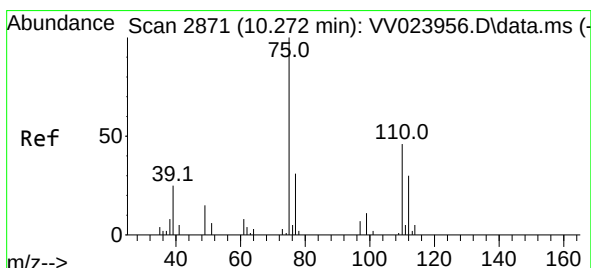
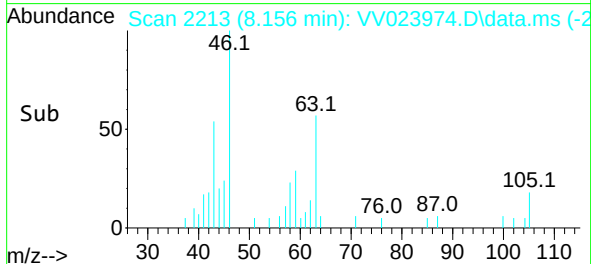
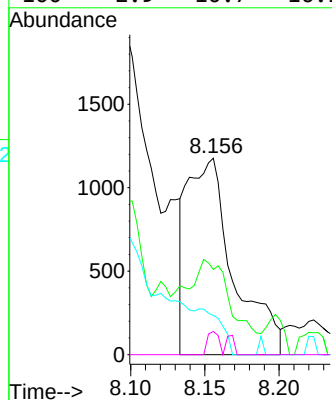
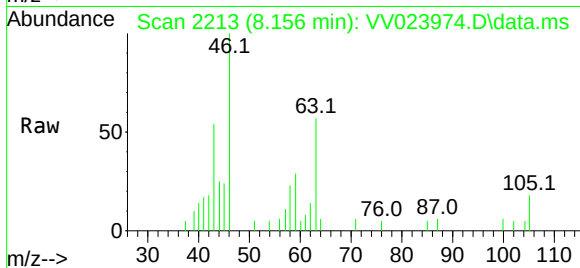
Ion Ratio Lower Upper

43 100

58 48.3 44.5 66.7

57 0.0 15.1 22.7#

100 2.9 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.597 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV023974.D

Acq: 14 Dec 2021 17:48

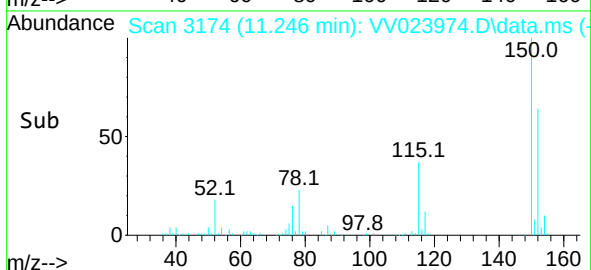
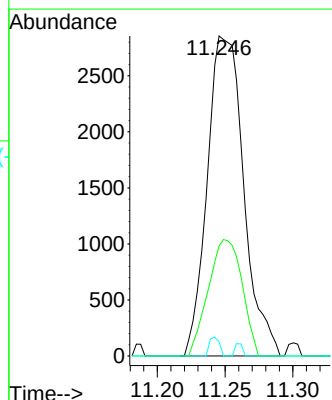
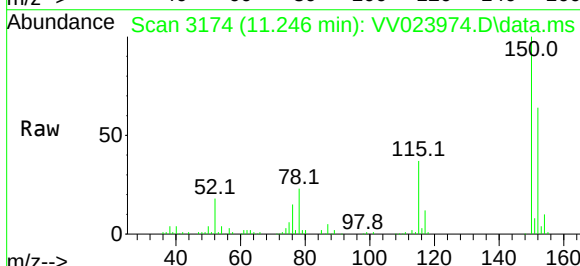
Tgt Ion: 75 Resp: 5343

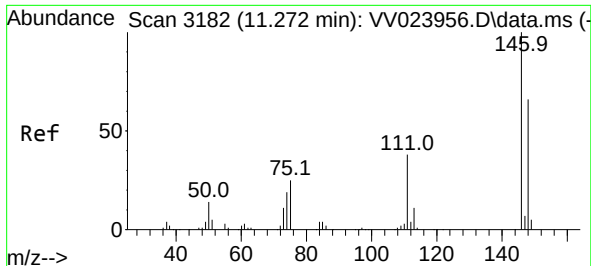
Ion Ratio Lower Upper

75 100

77 33.6 26.4 39.6

110 1.6 34.2 51.2#

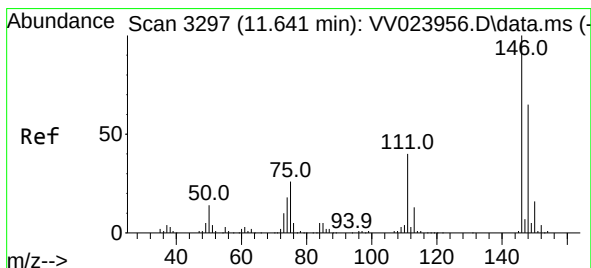
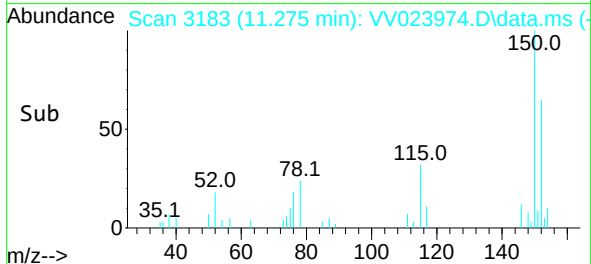
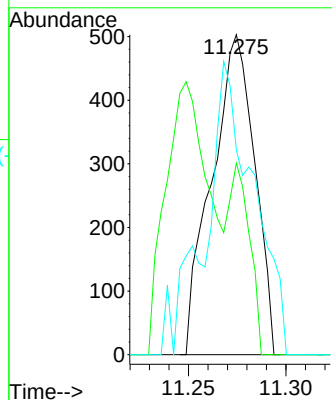
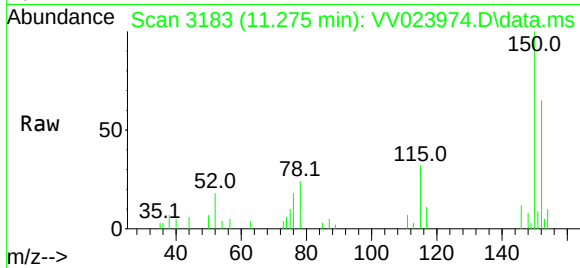




#65
1,4-Dichlorobenzene
Concen: 0.052 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
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Tgt Ion:146 Resp: 769
Ion Ratio Lower Upper
146 100
111 59.8 25.6 47.6#
148 64.0 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.065 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023974.D
Acq: 14 Dec 2021 17:48

Tgt Ion:146 Resp: 876
Ion Ratio Lower Upper
146 100
111 68.7 31.9 47.9#
148 117.7 50.5 75.7#

