

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023972.D
 Acq On : 14 Dec 2021 17:00
 Operator : SY/MD
 Sample : M5005-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW214

Quant Time: Dec 15 01:40:07 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)

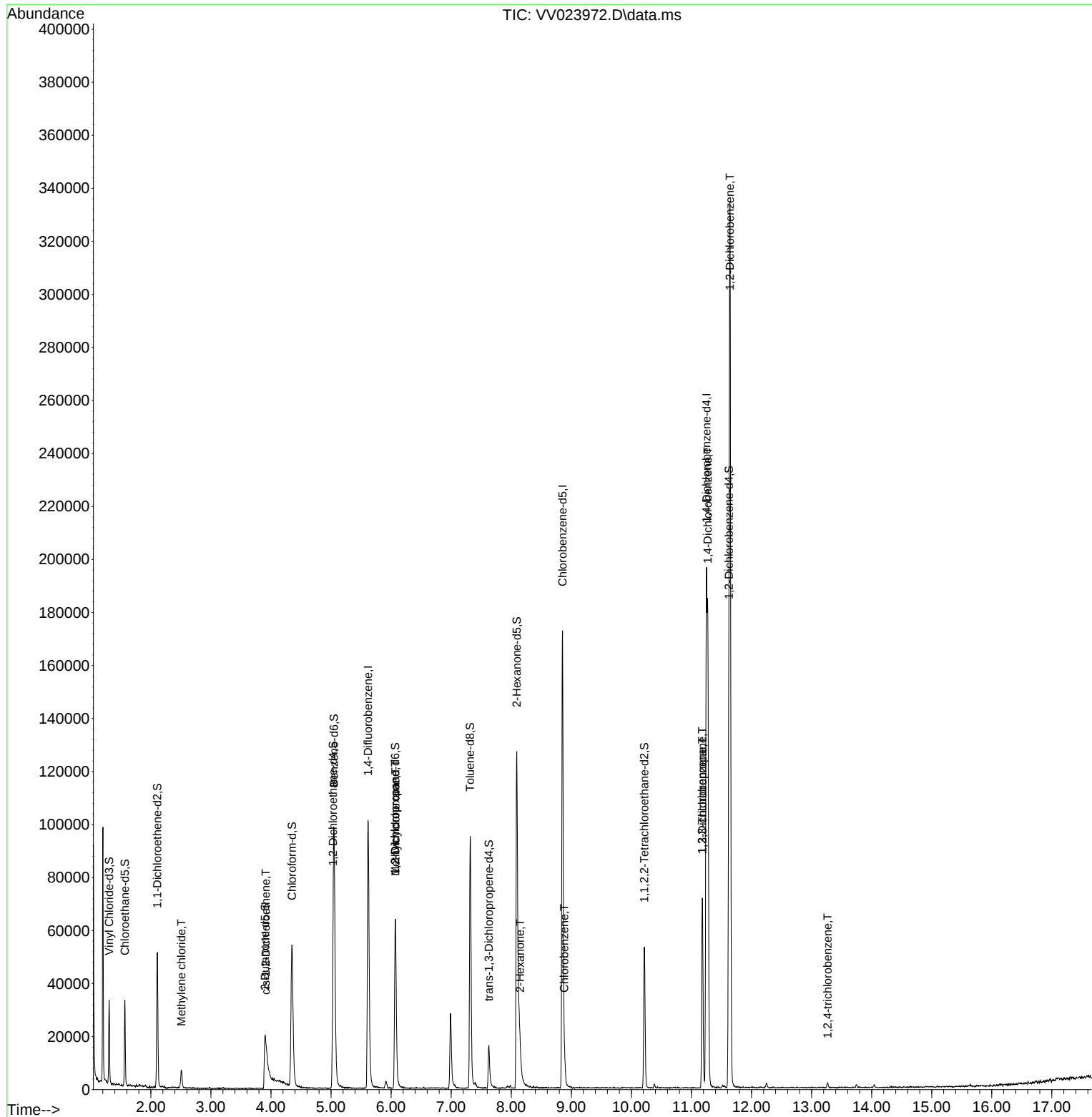
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	91062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18465	3.772	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.568	69	19127	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	25648	2.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.600%#
20) 2-Butanone-d5	3.902	46	46969	49.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.220%
24) Chloroform-d	4.349	84	54879	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	28704	5.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.050	84	85695	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	29372	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	65247	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.629	79	9728	3.989	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.092	63	55191	50.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24498	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	34844	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
16) Methylene chloride	2.510	84	2734	0.342	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	637	0.089	ug/L	86
35) Methylcyclohexane	6.072	83	8493	0.735	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3366	0.509	ug/L #	84
48) 2-Hexanone	8.146	43	2212	0.960	ug/L #	86
51) Chlorobenzene	8.883	112	5719	0.273	ug/L	94
61) 1,2,3-Trichloropropane	11.181	75	7835	2.328	ug/L #	48
64) 1,3-Dichlorobenzene	11.181	146	31405	2.117	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	70350	4.721	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	123298	9.071	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	973	0.102	ug/L #	92

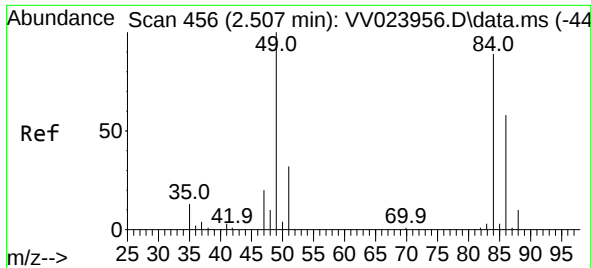
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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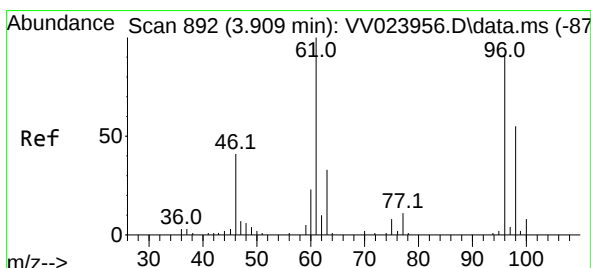
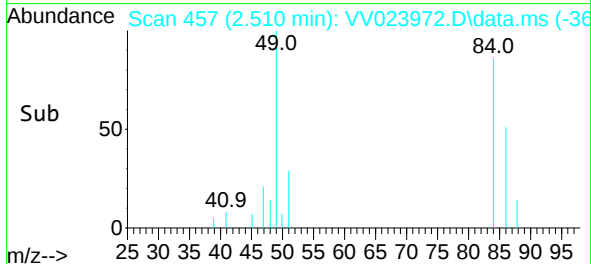
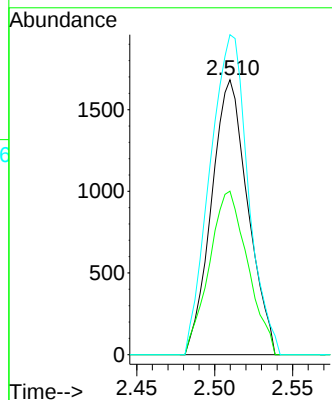
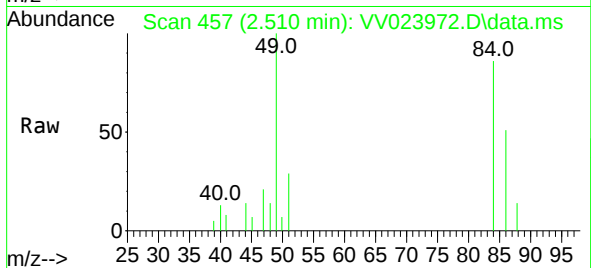




#16
Methylene chloride
Concen: 0.342 ug/L
RT: 2.510 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

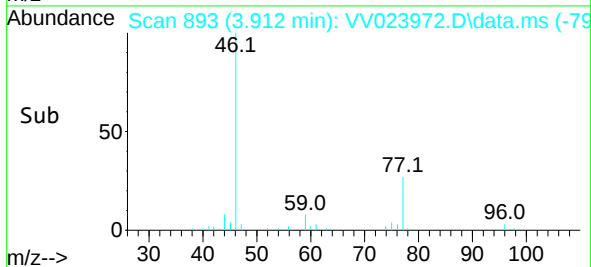
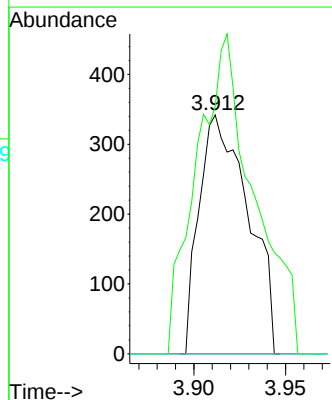
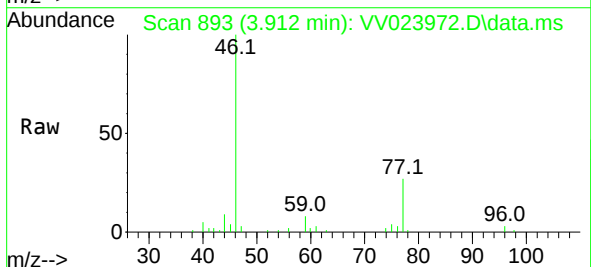
Instrument :
MSVOA_V
ClientSampleId :
EW214

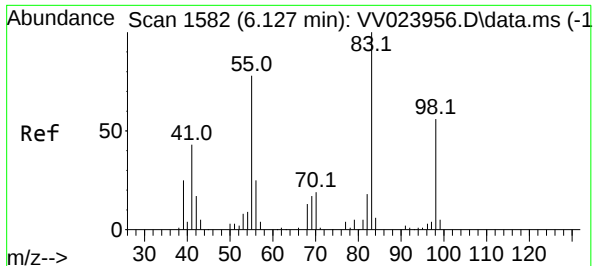
Tgt Ion: 84 Resp: 2734
Ion Ratio Lower Upper
84 100
86 59.5 42.6 79.0
49 116.4 79.7 147.9



#22
cis-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

Tgt Ion: 96 Resp: 637
Ion Ratio Lower Upper
96 100
61 103.5 83.4 154.8
68 0.0 0.0 0.0

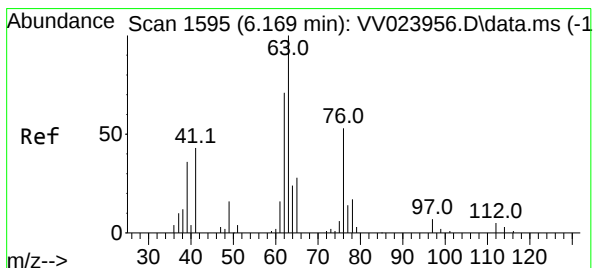
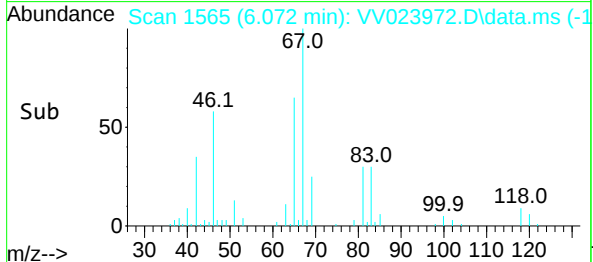
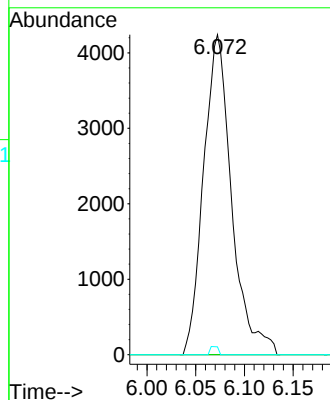
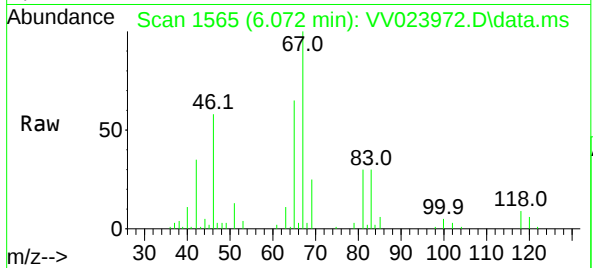




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

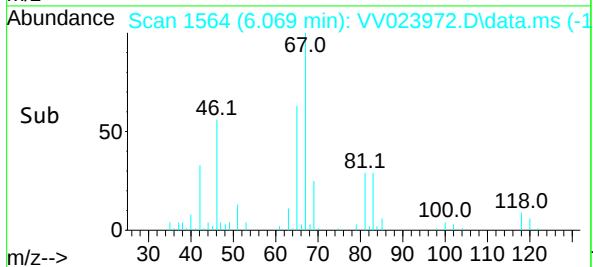
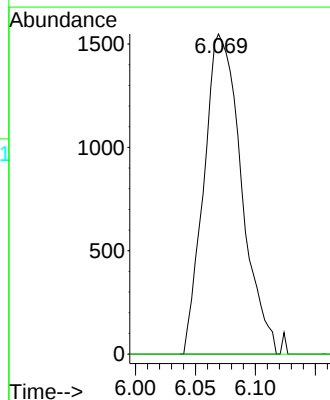
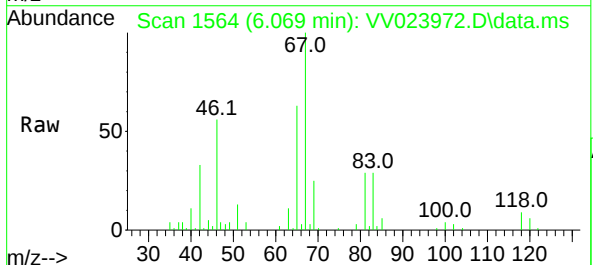
Instrument :
MSVOA_V
ClientSampleId :
EW214

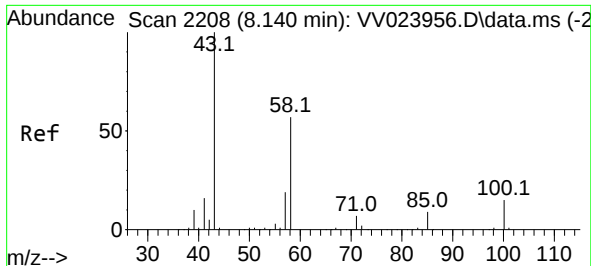
Tgt Ion: 83 Resp: 8493
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.7 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

Tgt Ion: 63 Resp: 3366
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#48

2-Hexanone

Concen: 0.960 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV023972.D

Acq: 14 Dec 2021 17:00

Instrument :

MSVOA_V

ClientSampleId :

EW214

Tgt Ion: 43 Resp: 2212

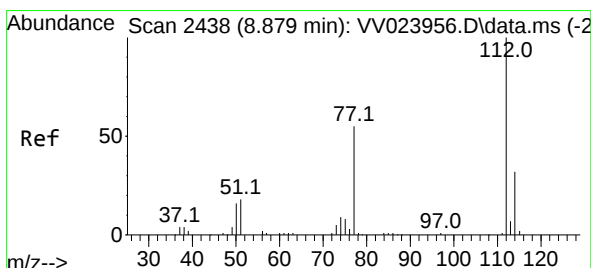
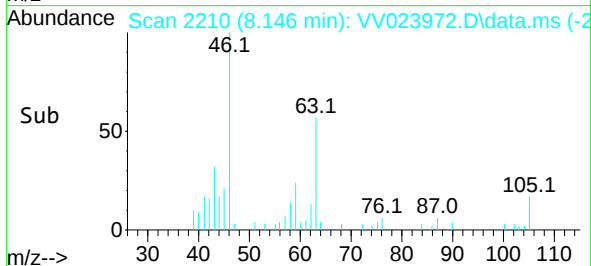
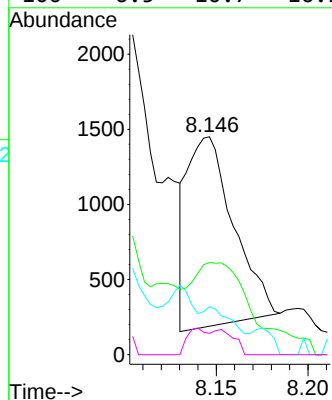
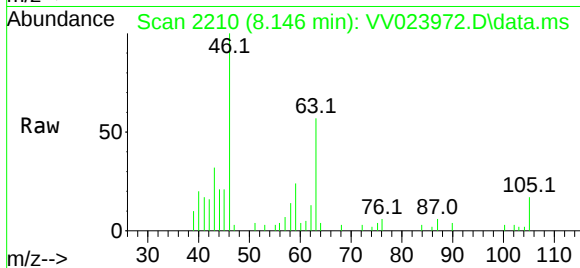
Ion Ratio Lower Upper

43 100

58 63.3 44.5 66.7

57 8.2 15.1 22.7#

100 6.5 10.7 16.1#



#51

Chlorobenzene

Concen: 0.273 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV023972.D

Acq: 14 Dec 2021 17:00

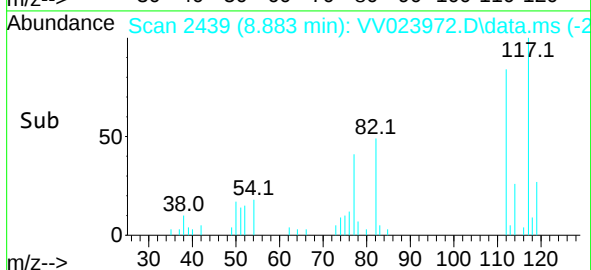
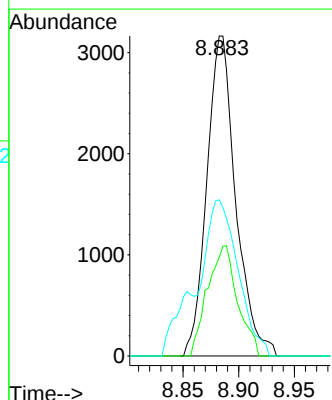
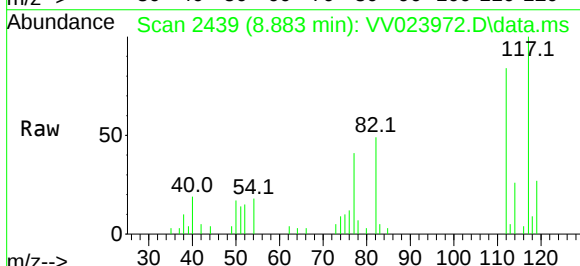
Tgt Ion: 112 Resp: 5719

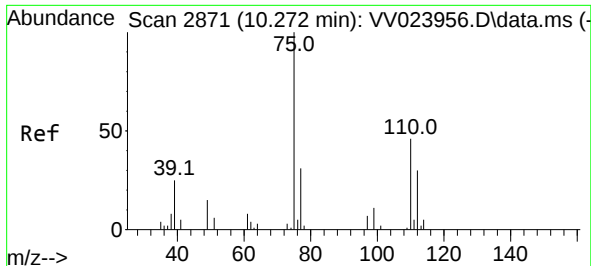
Ion Ratio Lower Upper

112 100

114 30.8 23.3 43.3

77 48.8 43.3 64.9

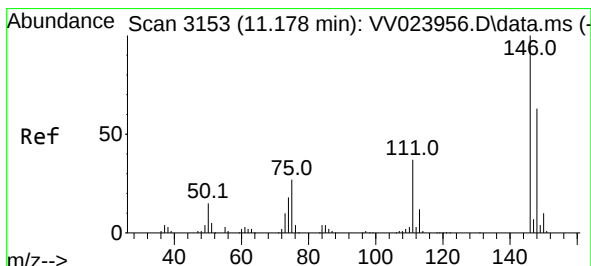
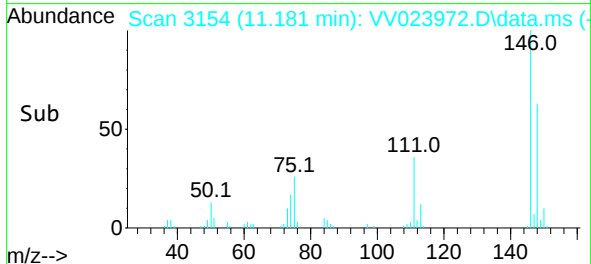
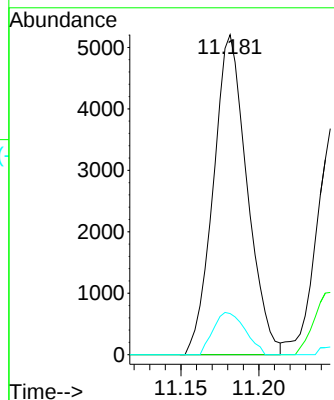
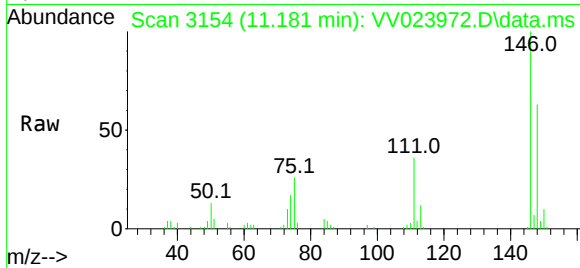




#61
 1,2,3-Trichloropropane
 Concen: 2.328 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.910 min
 Lab File: VV023972.D
 Acq: 14 Dec 2021 17:00

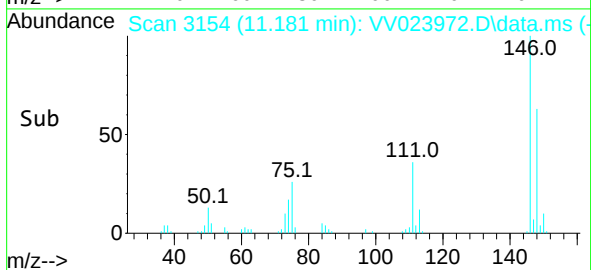
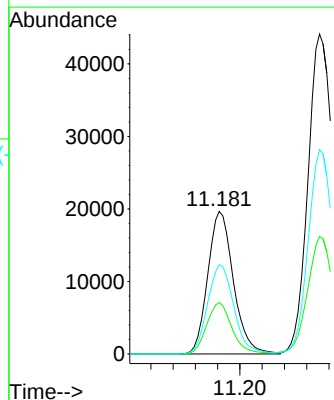
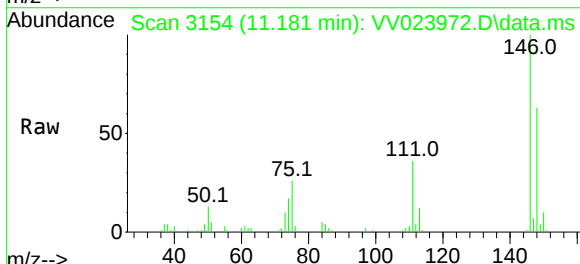
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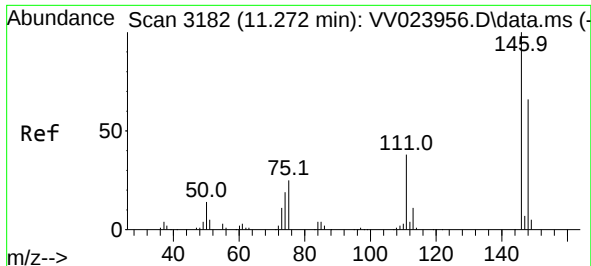
Tgt Ion: 75 Resp: 7835
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 110 12.5 34.2 51.2#



#64
 1,3-Dichlorobenzene
 Concen: 2.117 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV023972.D
 Acq: 14 Dec 2021 17:00

Tgt Ion: 146 Resp: 31405
 Ion Ratio Lower Upper
 146 100
 111 36.1 26.3 48.9
 148 62.5 44.4 82.5

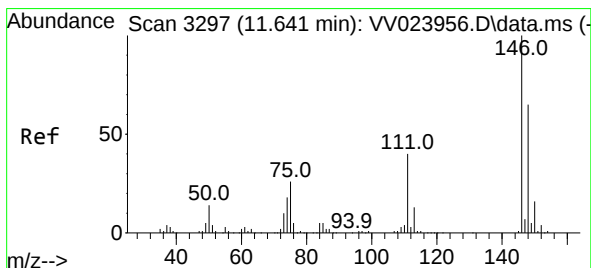
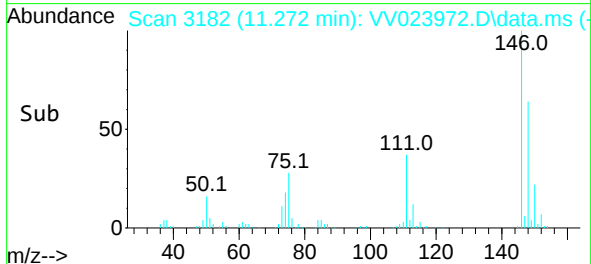
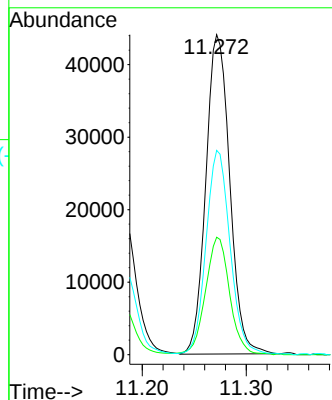
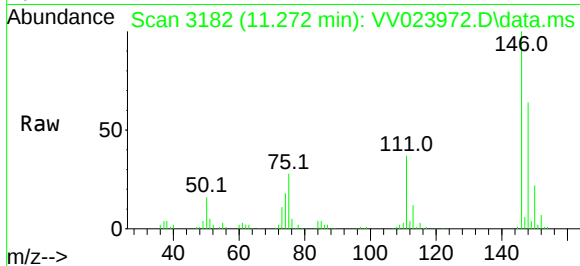




#65
1,4-Dichlorobenzene
Concen: 4.721 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

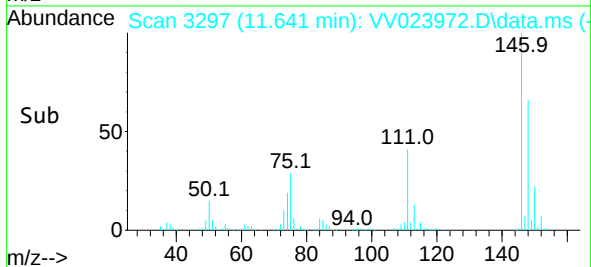
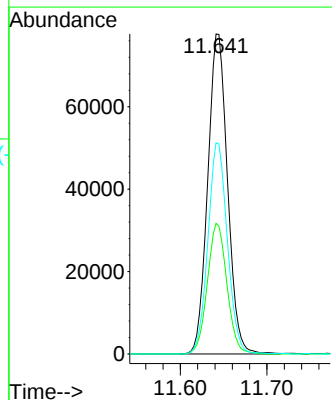
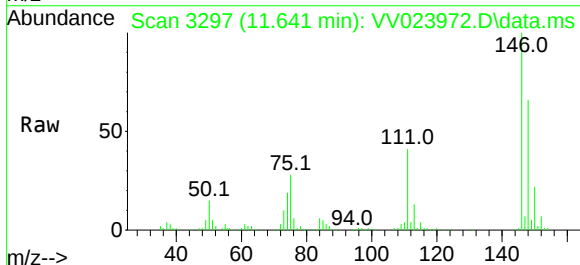
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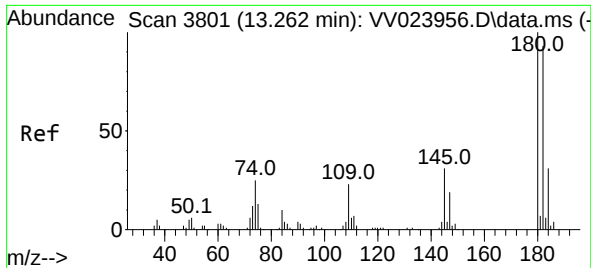
Tgt Ion:146 Resp: 70350
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 63.8 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 9.071 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023972.D
Acq: 14 Dec 2021 17:00

Tgt Ion:146 Resp: 123298
Ion Ratio Lower Upper
146 100
111 40.8 31.9 47.9
148 66.0 50.5 75.7





#70

1,2,4-trichlorobenzene

Concen: 0.102 ug/L

RT: 13.268 min Scan# 3801

Delta R.T. 0.007 min

Lab File: VV023972.D

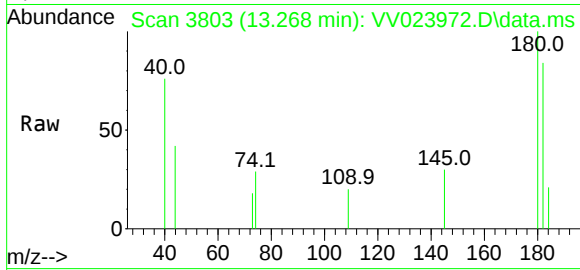
Acq: 14 Dec 2021 17:00

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Tgt Ion:180 Resp: 973

Ion Ratio Lower Upper

180 100

182 99.2 74.4 111.6

145 23.0 23.3 34.9#

