

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023964.D
 Acq On : 14 Dec 2021 13:45
 Operator : SY/MD
 Sample : M5005-07DL2 2000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW219

Quant Time: Dec 15 01:39:04 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)

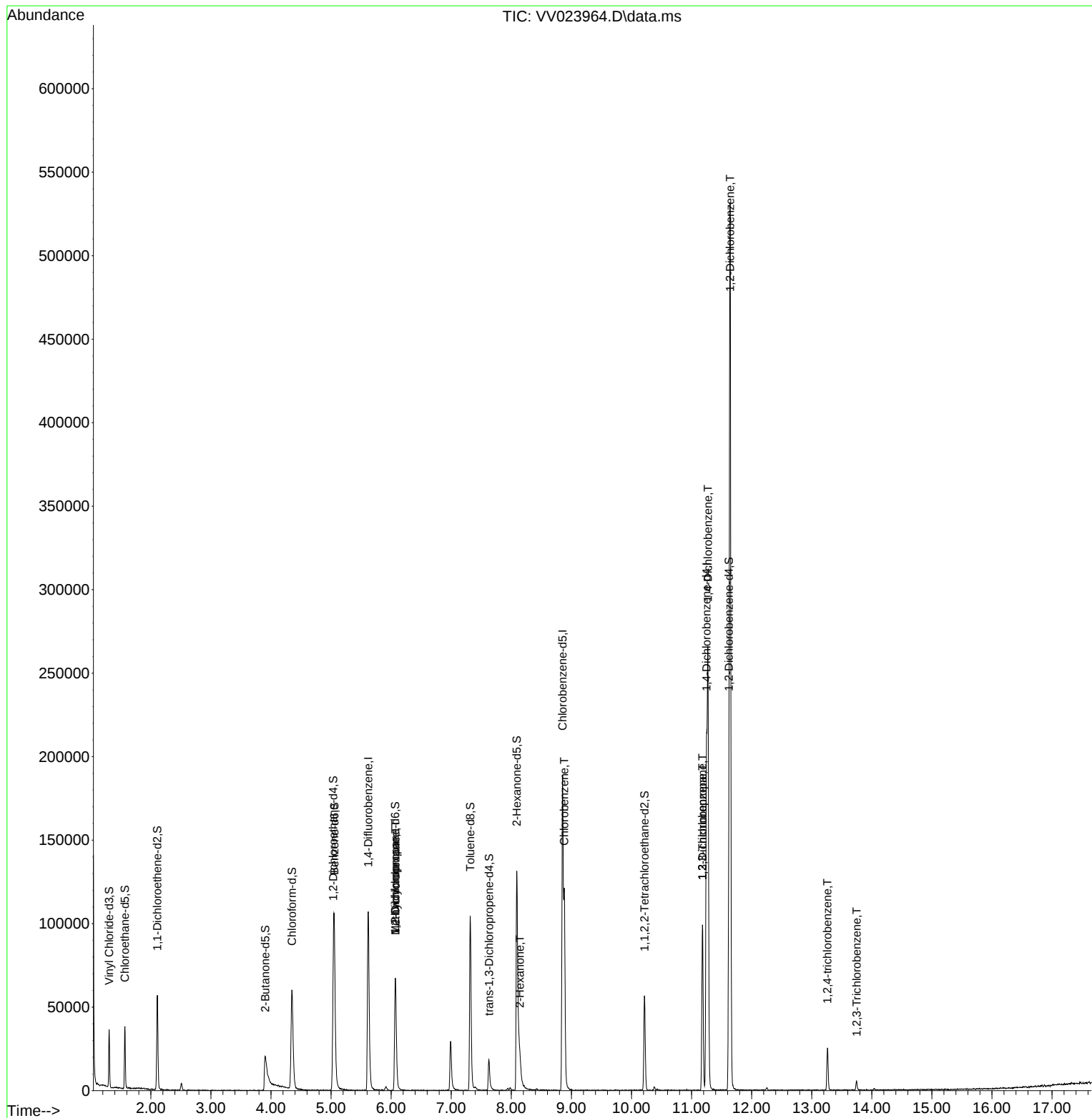
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	20966	4.063	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.568	69	21258	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.108	63	28856	2.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.905	46	46123	45.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.500%
24) Chloroform-d	4.349	84	59752	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.037	65	30142	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.053	84	93260	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.069	67	31256	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.317	98	70999	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.629	79	11152	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	55634	48.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25942	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	37657	5.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.072	83	8360	0.693	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3831	0.555	ug/L #	84
48) 2-Hexanone	8.143	43	2427	1.009	ug/L #	70
51) Chlorobenzene	8.883	112	63384	2.901	ug/L	99
61) 1,2,3-Trichloropropane	11.182	75	11161	3.064	ug/L #	47
64) 1,3-Dichlorobenzene	11.182	146	42691	2.659	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	102793	6.375	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	205733	13.987	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	8331	0.803	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	1838	0.201	ug/L	97

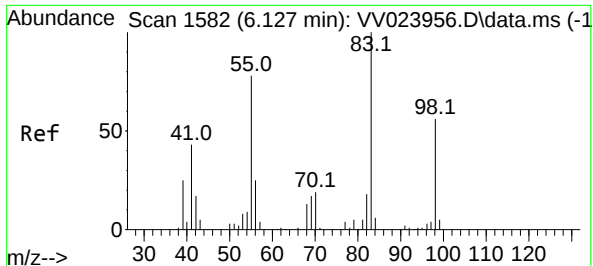
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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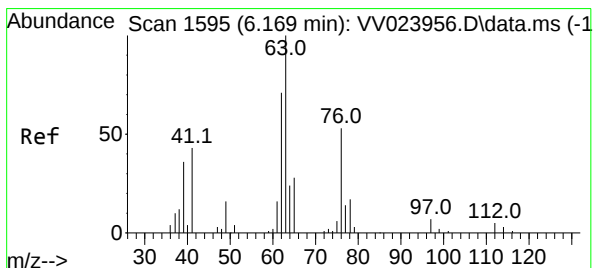
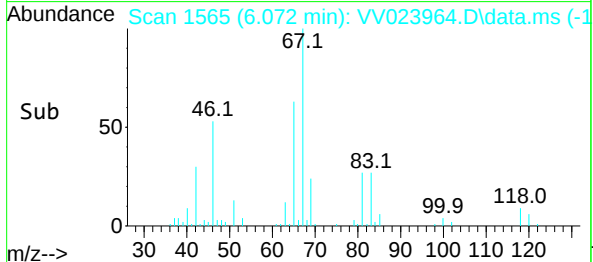
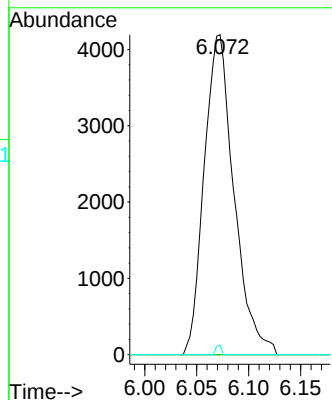
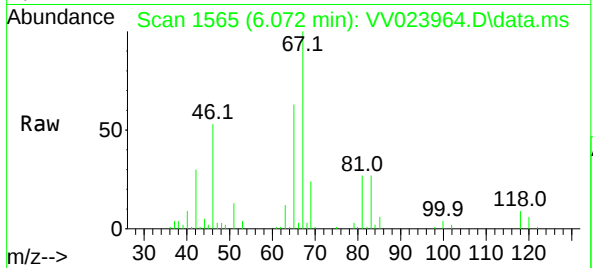




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

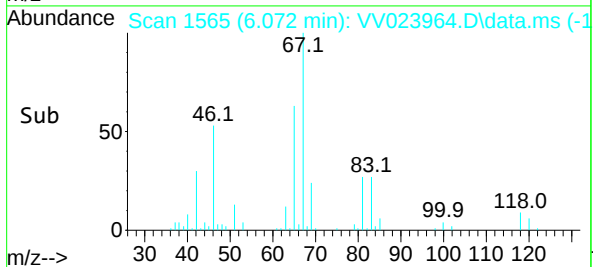
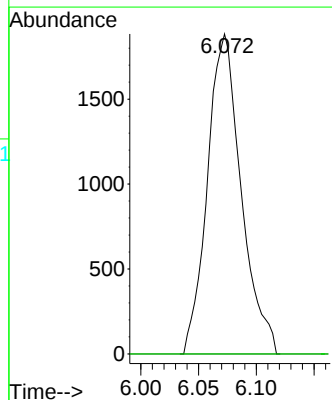
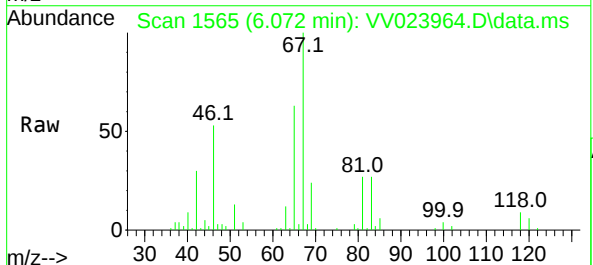
Instrument :
MSVOA_V
ClientSampleId :
EW219

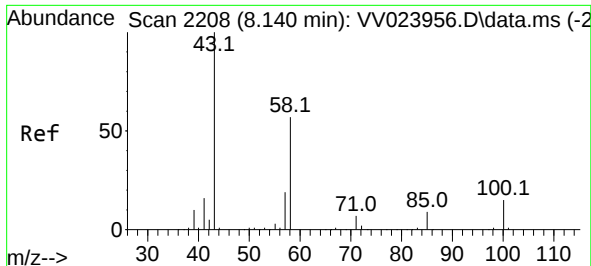
Tgt Ion: 83 Resp: 8360
Ion Ratio Lower Upper
83 100
55 0.2 60.2 90.2#
98 0.5 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

Tgt Ion: 63 Resp: 3831
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

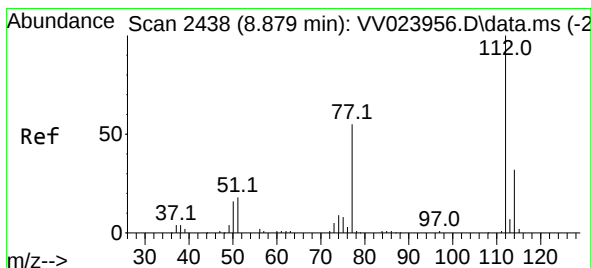
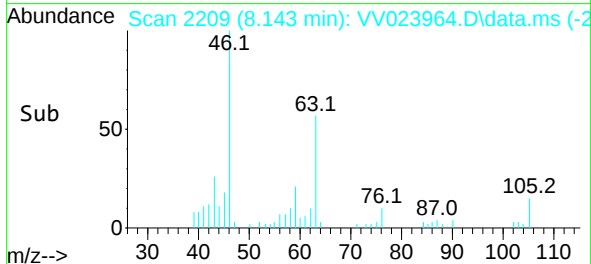
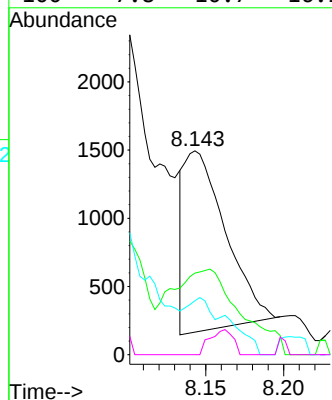
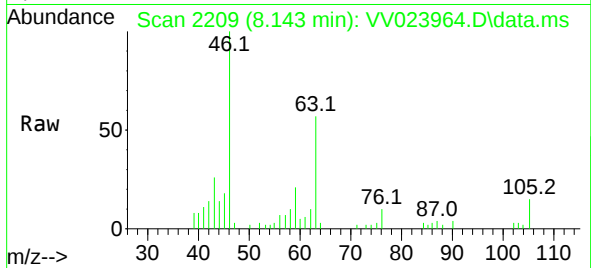




#48
2-Hexanone
Concen: 1.009 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

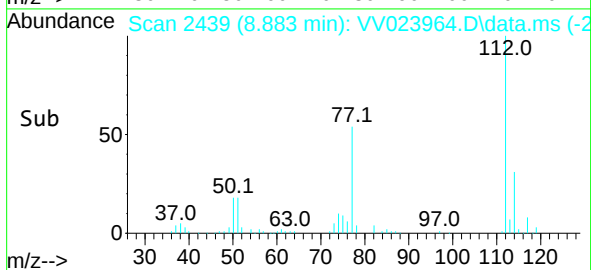
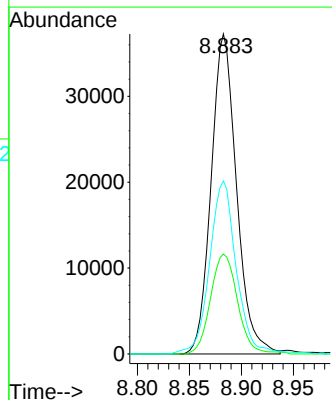
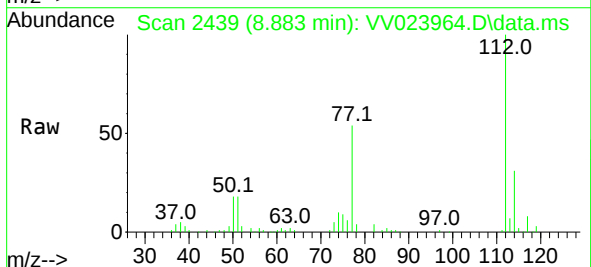
Instrument :
MSVOA_V
ClientSampleId :
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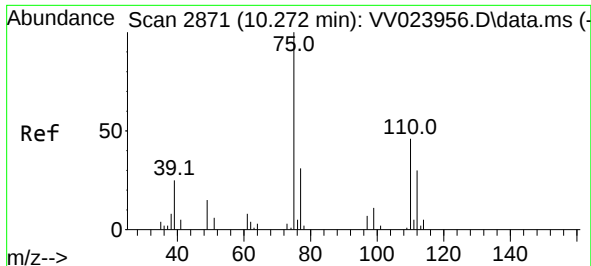
Tgt Ion:	43	Resp:	2427
Ion	Ratio	Lower	Upper
43	100		
58	80.2	44.5	66.7#
57	32.4	15.1	22.7#
100	7.8	10.7	16.1#



#51
Chlorobenzene
Concen: 2.901 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

Tgt Ion:	112	Resp:	63384
Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.3	43.3
77	54.1	43.3	64.9

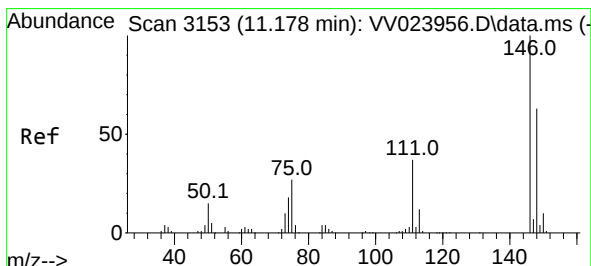
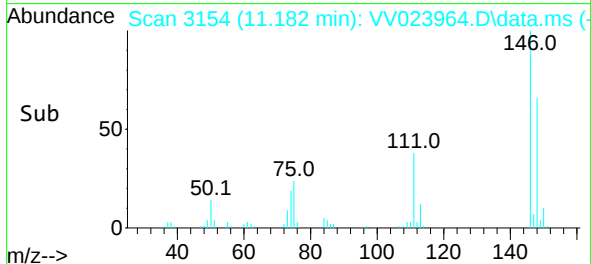
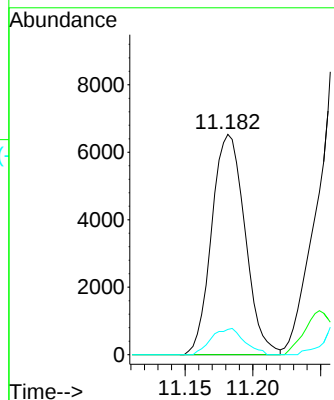
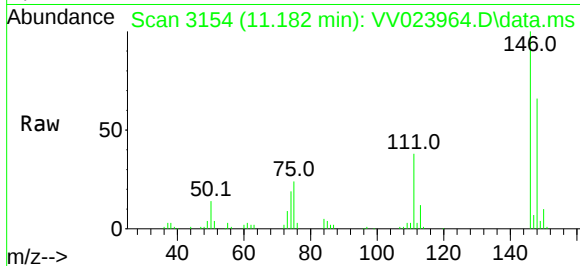




#61
1,2,3-Trichloropropane
Concen: 3.064 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

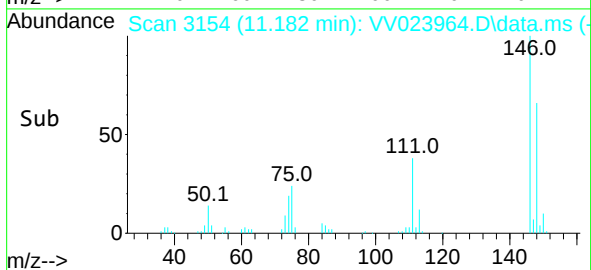
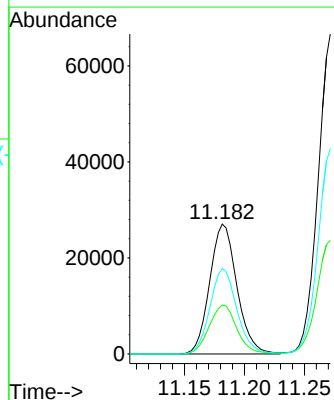
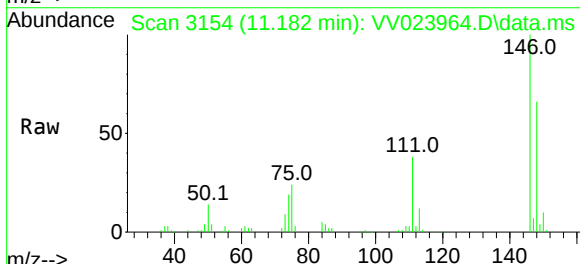
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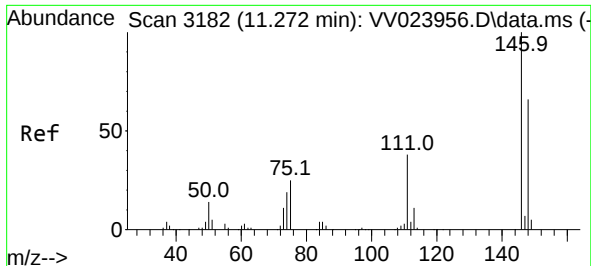
Tgt Ion: 75 Resp: 11161
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 11.7 34.2 51.2#



#64
1,3-Dichlorobenzene
Concen: 2.659 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.004 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

Tgt Ion:146 Resp: 42691
Ion Ratio Lower Upper
146 100
111 37.7 26.3 48.9
148 65.6 44.4 82.5

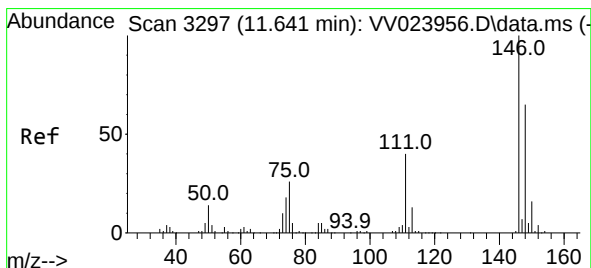
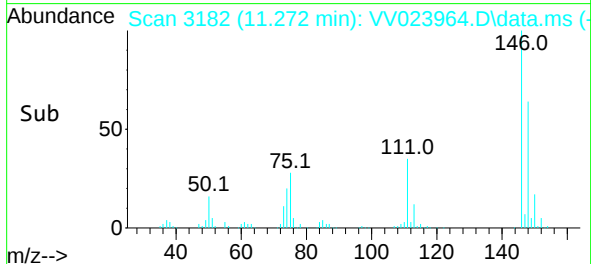
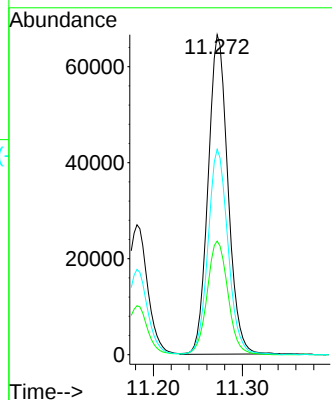
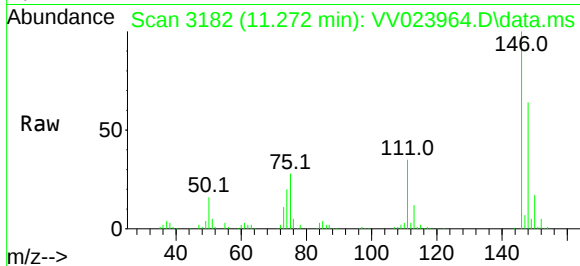




#65
1,4-Dichlorobenzene
Concen: 6.375 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

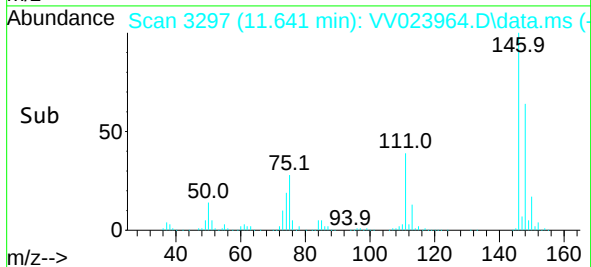
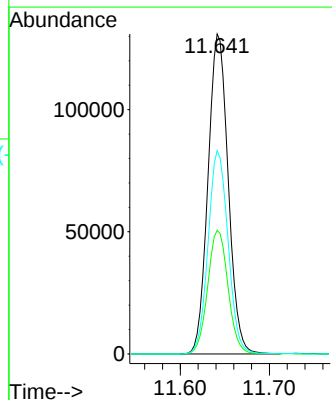
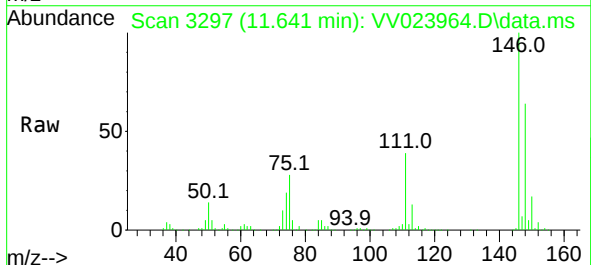
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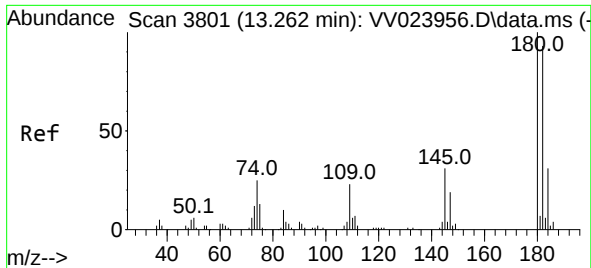
Tgt Ion:146 Resp: 102793
Ion Ratio Lower Upper
146 100
111 35.5 25.6 47.6
148 64.2 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 13.987 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023964.D
Acq: 14 Dec 2021 13:45

Tgt Ion:146 Resp: 205733
Ion Ratio Lower Upper
146 100
111 38.7 31.9 47.9
148 63.5 50.5 75.7

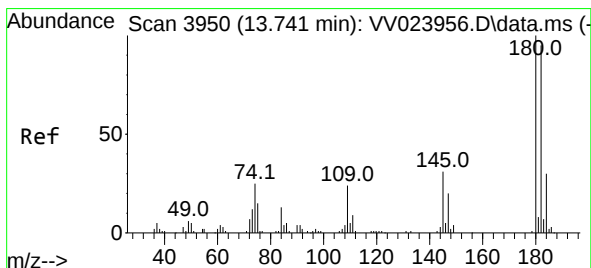
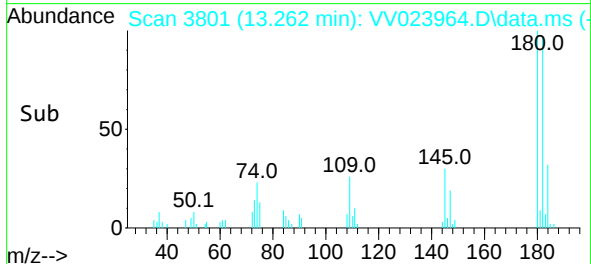
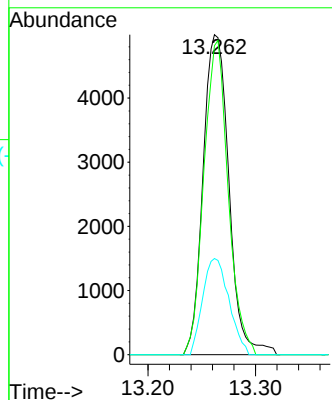
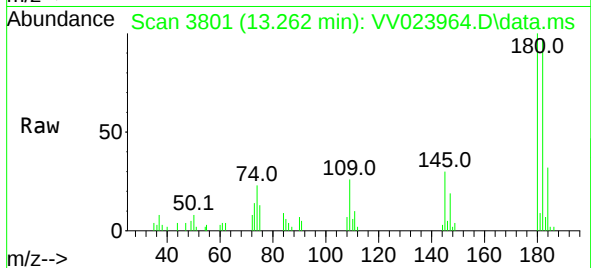




#70
 1,2,4-trichlorobenzene
 Concen: 0.803 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023964.D
 Acq: 14 Dec 2021 13:45

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Tgt Ion:180	Resp:	8331
Ion Ratio	Lower	Upper
180	100	
182	92.2	74.4 111.6
145	30.4	23.3 34.9



#72
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV023964.D
 Acq: 14 Dec 2021 13:45

Tgt Ion:180	Resp:	1838
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.8 115.2
145	27.2	25.8 38.6

