

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023936.D
 Acq On : 11 Dec 2021 17:18
 Operator : SY/MD
 Sample : M5005-07DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW211DL

Quant Time: Dec 12 00:27:59 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)

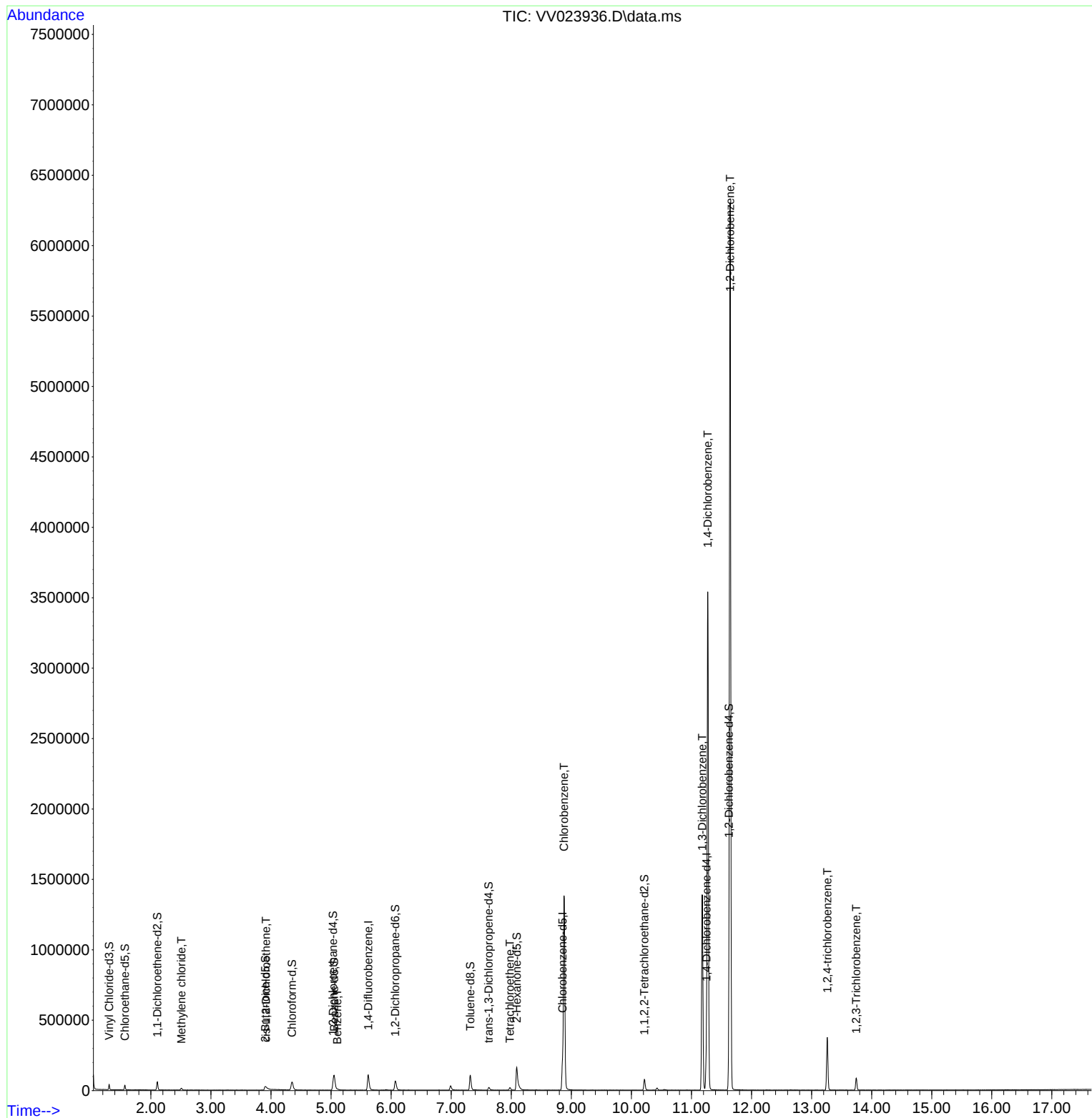
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93974	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	103073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63852	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21463	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.568	69	20055	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.108	63	29498	2.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.905	46	53729	54.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	4.349	84	56769	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	29892	5.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.053	84	90140	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	30517	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	70252	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	11466	4.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.091	63	68291	59.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27992	5.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	42878	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
16) Methylene chloride	2.510	84	5274	0.639	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	892	0.121	ug/L	90
33) Benzene	5.104	78	5471	0.188	ug/L	100
47) Tetrachloroethene	7.979	164	3861	0.533	ug/L	91
51) Chlorobenzene	8.879	112	729036	33.239	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	565295	29.483	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	1364805	70.872	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	2481312	141.256	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	116404	9.398	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	25209	2.305	ug/L	98

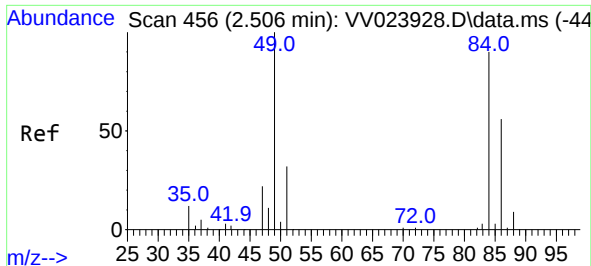
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

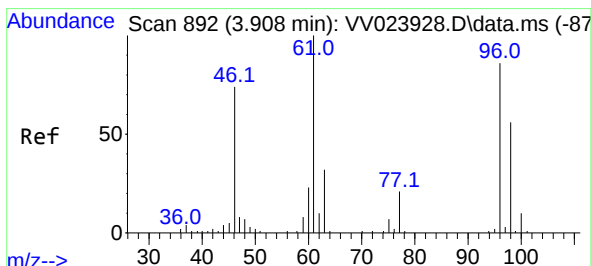
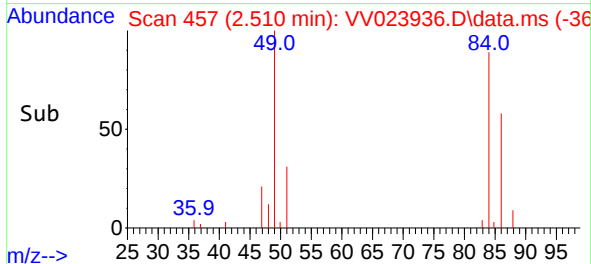
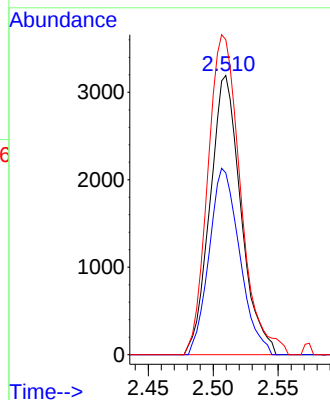
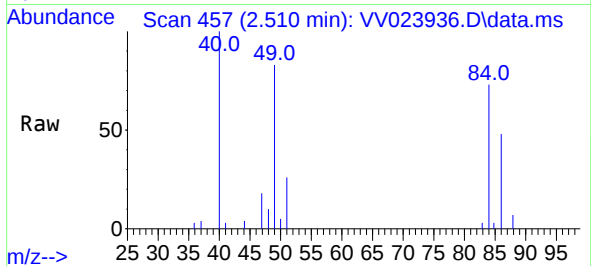




#16
Methylene chloride
Concen: 0.639 ug/L
RT: 2.510 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

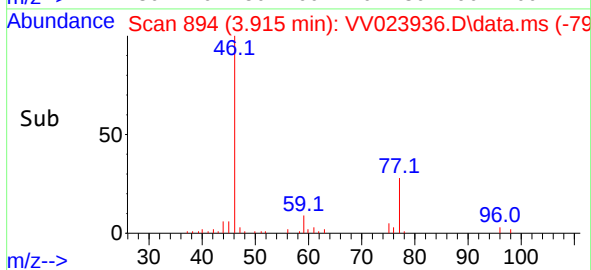
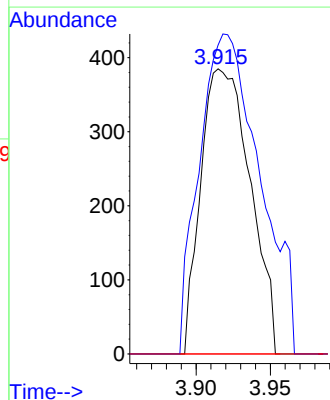
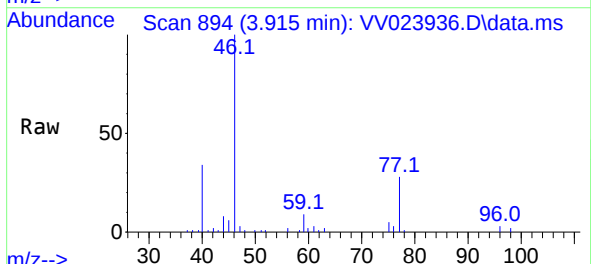
Instrument :
MSVOA_V
ClientSampleId :
EW211DL

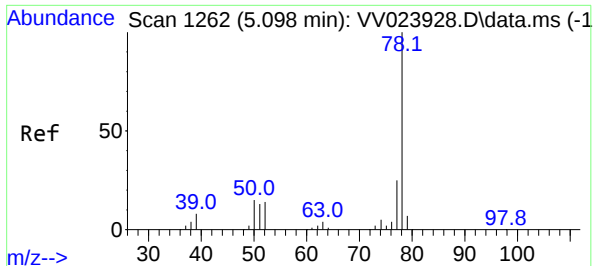
Tgt Ion: 84	Resp:	5274
Ion	Ratio	Lower Upper
84	100	
86	65.1	42.6 79.0
49	112.8	79.7 147.9



#22
cis-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Tgt Ion: 96	Resp:	892
Ion	Ratio	Lower Upper
96	100	
61	108.3	83.4 154.8
68	0.0	0.0 0.0

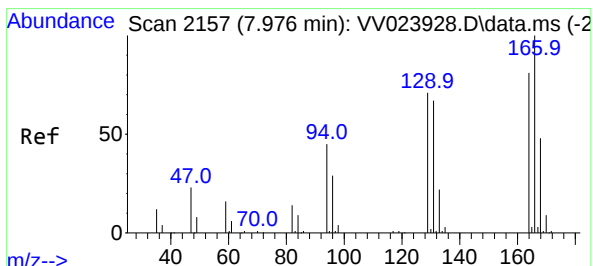
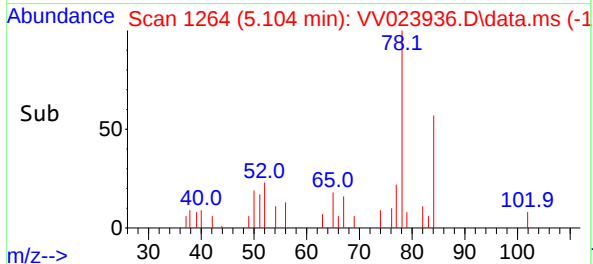
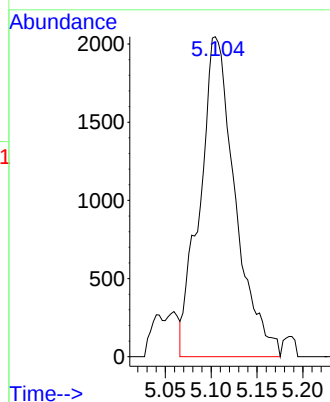
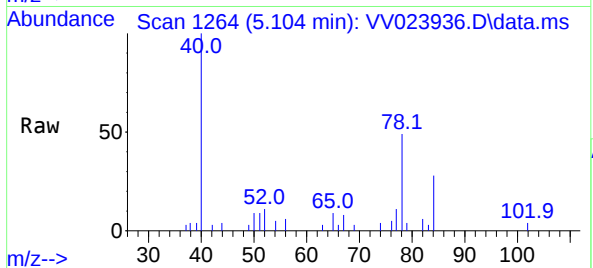




#33
Benzene
Concen: 0.188 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Instrument : MSVOA_V
ClientSampleId : EW211DL

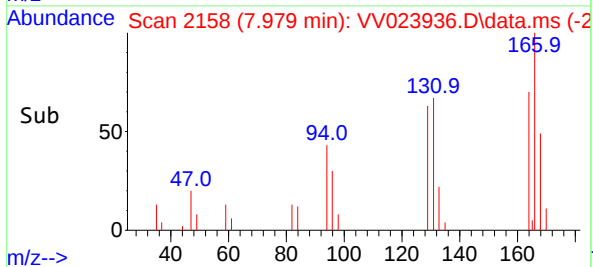
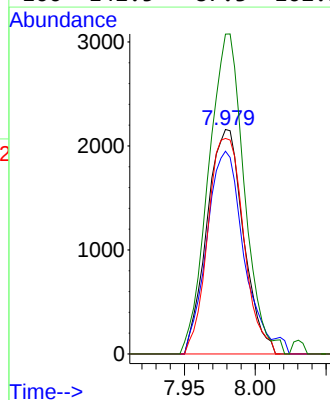
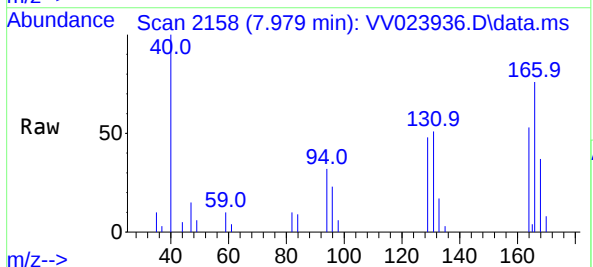
Tgt Ion: 78 Resp: 5471

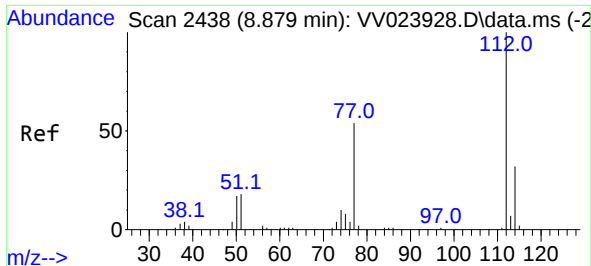


#47
Tetrachloroethene
Concen: 0.533 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Tgt Ion: 164 Resp: 3861

Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.6	116.2
131	96.0	61.0	113.4
166	142.5	87.3	162.1





#51

Chlorobenzene

Concen: 33.239 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_V

ClientSampleId :

EW211DL

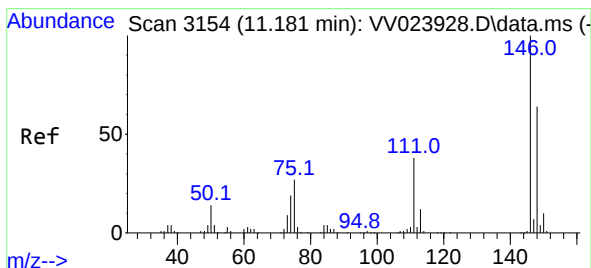
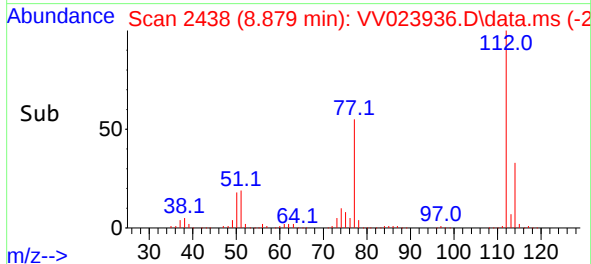
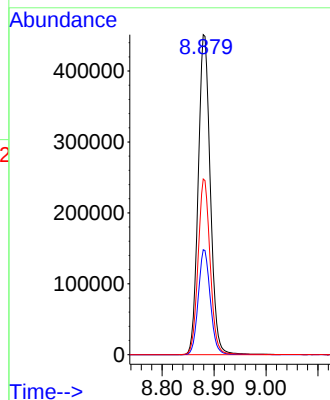
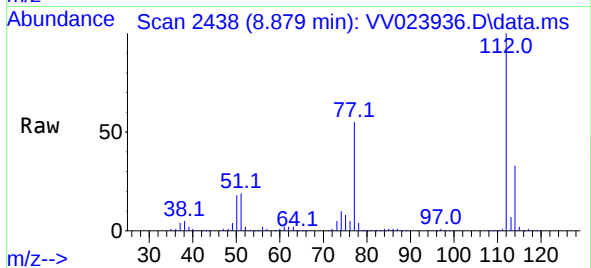
Tgt Ion:112 Resp: 729036

Ion Ratio Lower Upper

112 100

114 32.8 23.3 43.3

77 54.9 43.3 64.9



#64

1,3-Dichlorobenzene

Concen: 29.483 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV023936.D

Acq: 11 Dec 2021 17:18

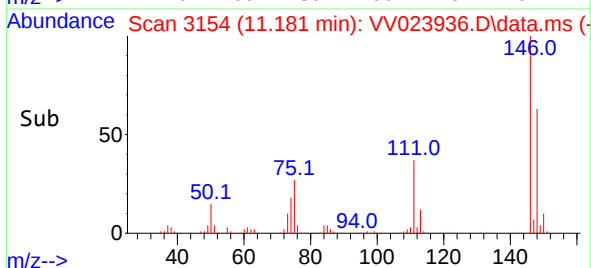
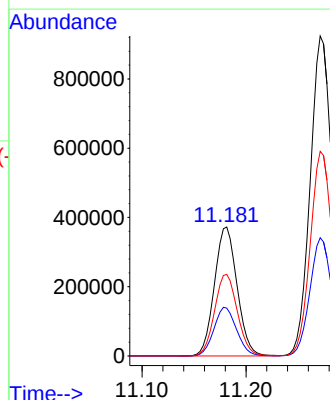
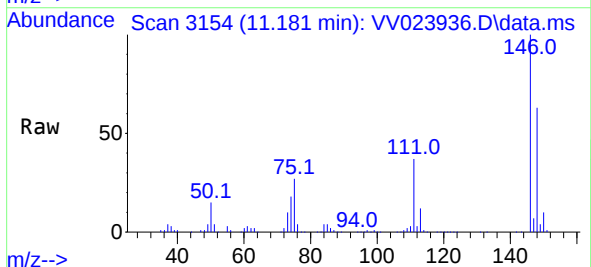
Tgt Ion:146 Resp: 565295

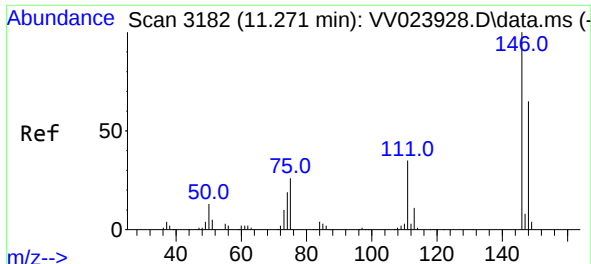
Ion Ratio Lower Upper

146 100

111 37.1 26.3 48.9

148 63.3 44.4 82.5

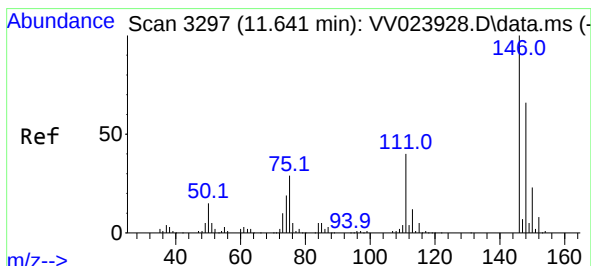
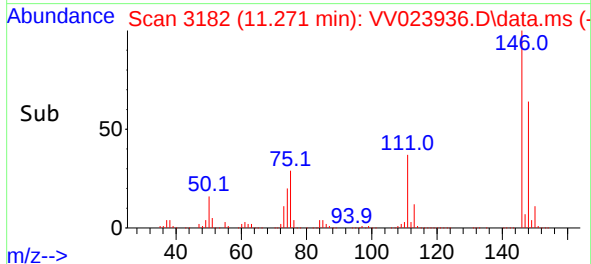
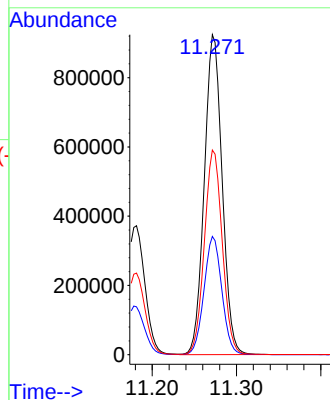
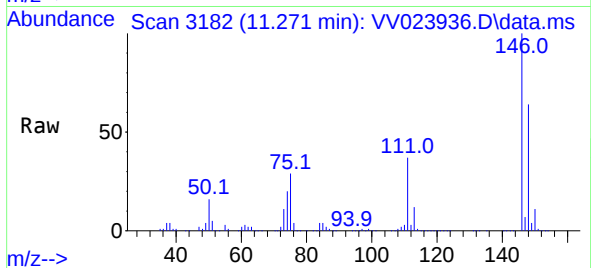




#65
1,4-Dichlorobenzene
Concen: 70.872 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

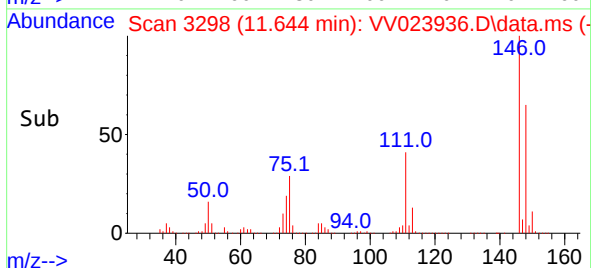
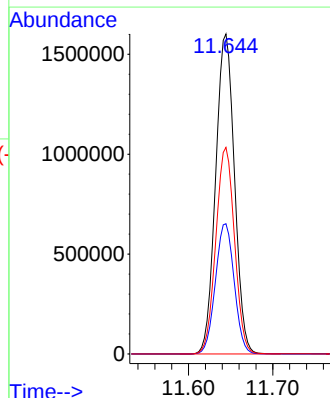
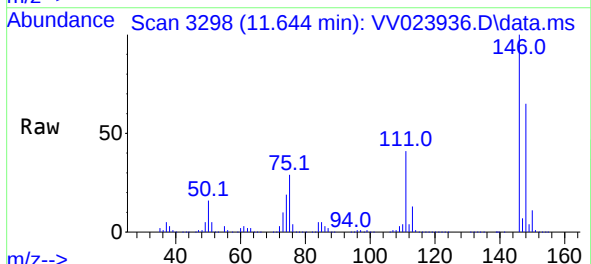
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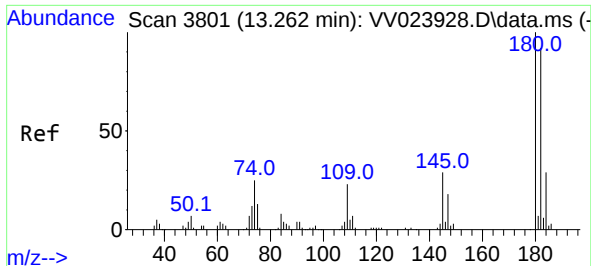
Tgt Ion:146 Resp: 1364805
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 63.9 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 141.256 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Tgt Ion:146 Resp: 2481312
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 64.6 50.5 75.7

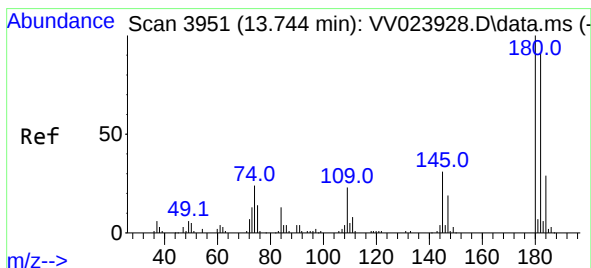
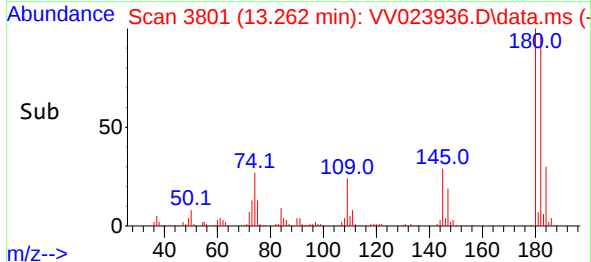
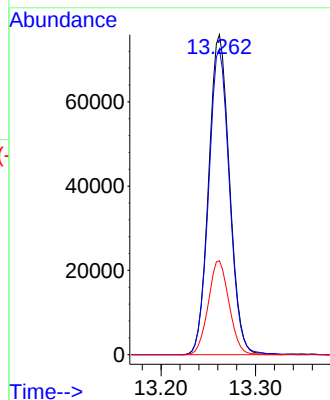
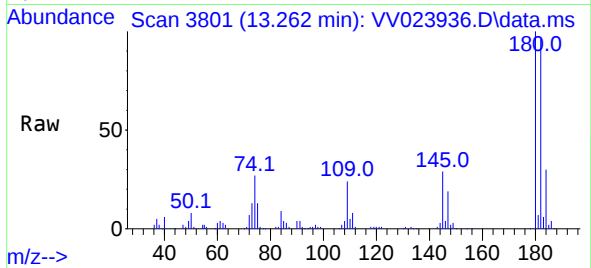




#70
1,2,4-trichlorobenzene
Concen: 9.398 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :
EW211DL

Tgt Ion:180 Resp: 116404
Ion Ratio Lower Upper
180 100
182 95.5 74.4 111.6
145 29.3 23.3 34.9



#72
1,2,3-Trichlorobenzene
Concen: 2.305 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023936.D
Acq: 11 Dec 2021 17:18

Tgt Ion:180 Resp: 25209
Ion Ratio Lower Upper
180 100
182 98.3 76.8 115.2
145 32.0 25.8 38.6

