

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023933.D
 Acq On : 11 Dec 2021 16:06
 Operator : SY/MD
 Sample : M5005-04DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW210DL

Quant Time: Dec 12 00:27:35 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)

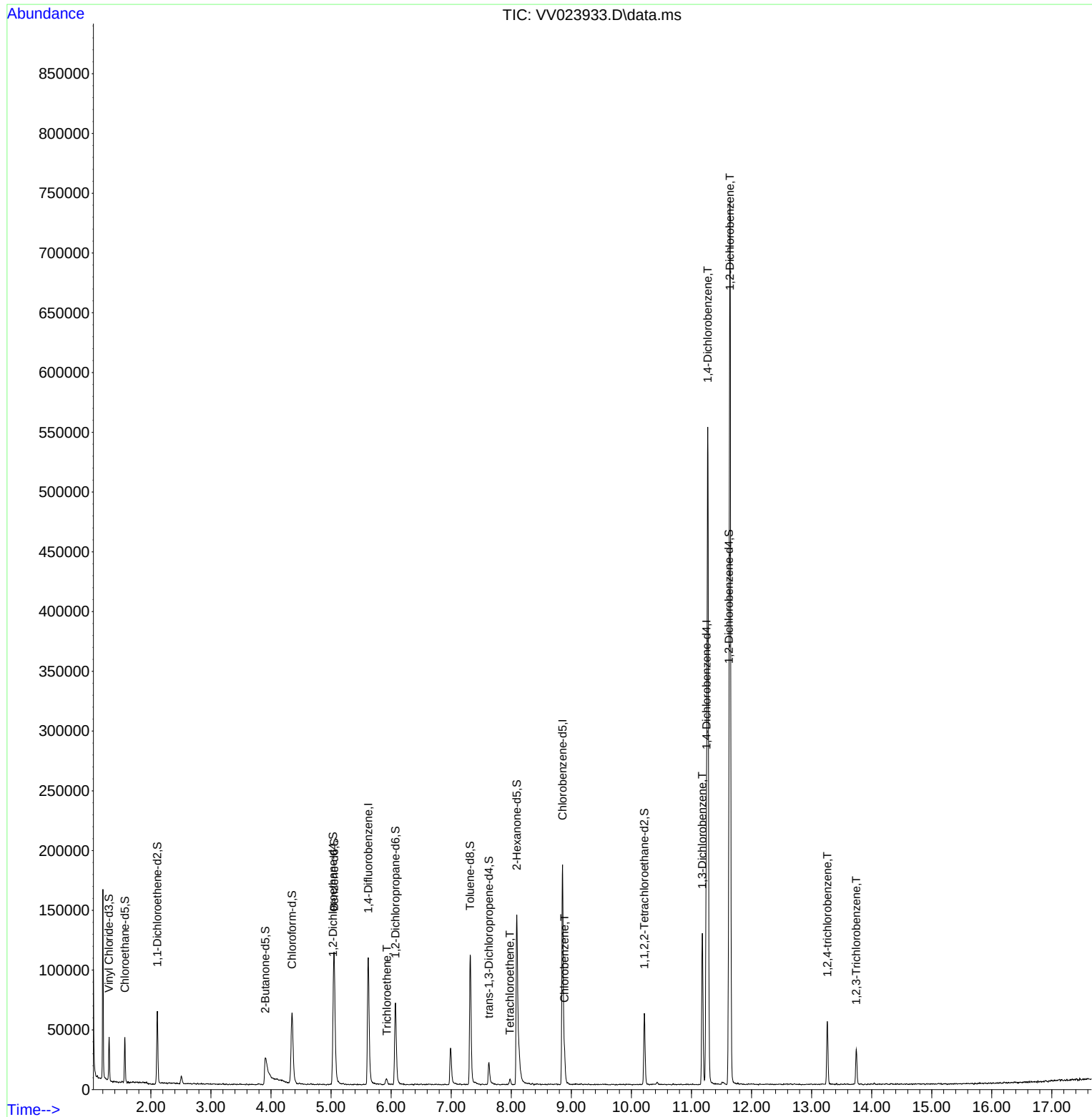
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22030	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	21254	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.108	63	30330	2.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	3.905	46	48428	47.664	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.320%
24) Chloroform-d	4.349	84	58935	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	29908	5.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.053	84	96915	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.072	67	32309	5.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.317	98	75797	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.629	79	11628	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	61532	53.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26138	5.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	39219	5.321	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.931	95	1398	0.170	ug/L	89
47) Tetrachloroethene	7.979	164	1015	0.141	ug/L #	73
51) Chlorobenzene	8.886	112	14205	0.649	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	53752	3.244	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	218261	13.117	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	281111	18.520	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	16817	1.571	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	9144	0.968	ug/L	98

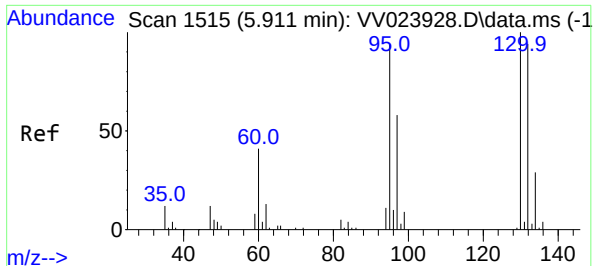
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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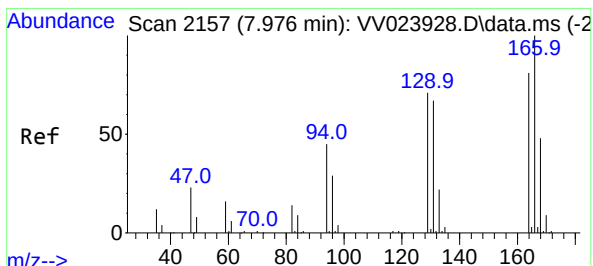
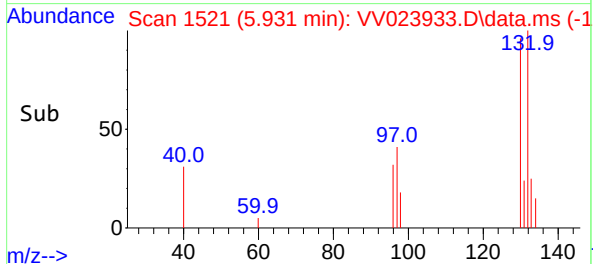
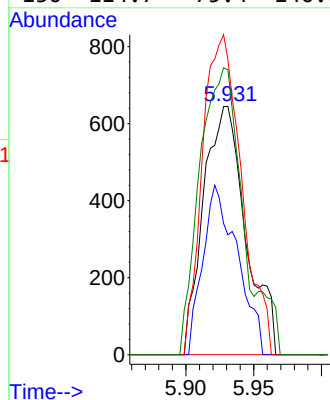
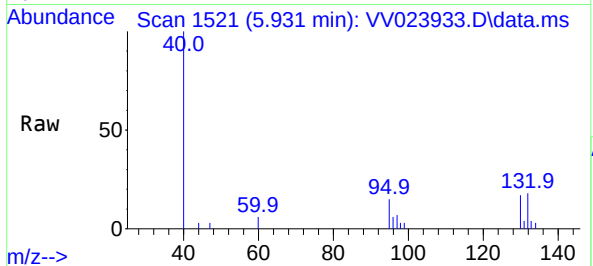


#34
Trichloroethene
Concen: 0.170 ug/L
RT: 5.931 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :
EW210DL

Tgt Ion: 95 Resp: 1398

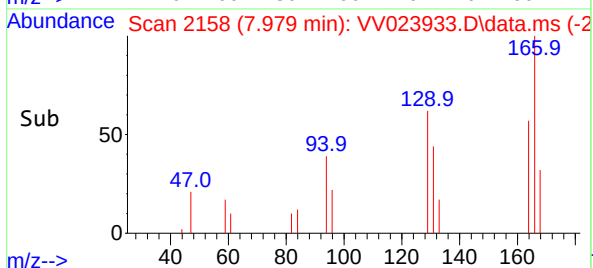
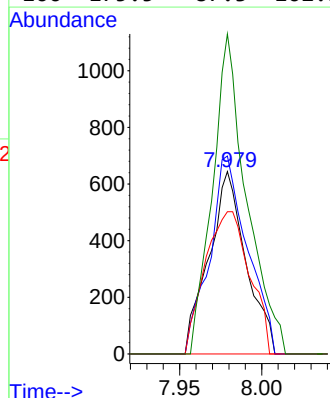
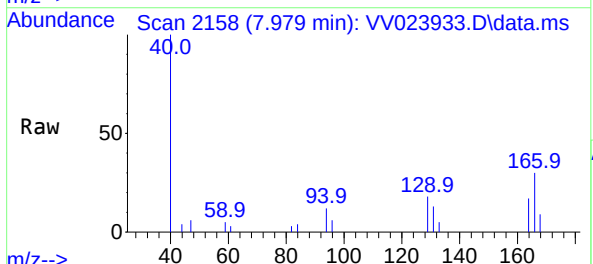
Ion	Ratio	Lower	Upper
95	100		
97	48.2	45.2	84.0
132	118.9	76.1	141.3
130	114.7	75.4	140.0

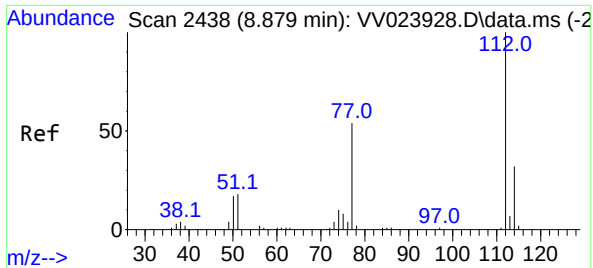


#47
Tetrachloroethene
Concen: 0.141 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion: 164 Resp: 1015

Ion	Ratio	Lower	Upper
164	100		
129	108.5	62.6	116.2
131	78.0	61.0	113.4
166	175.5	87.3	162.1#

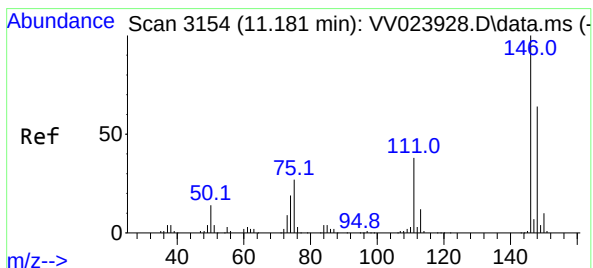
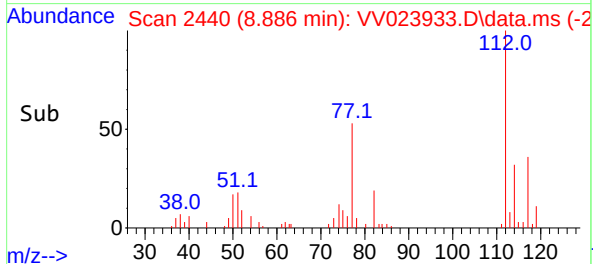
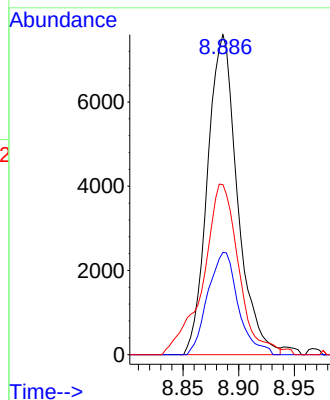
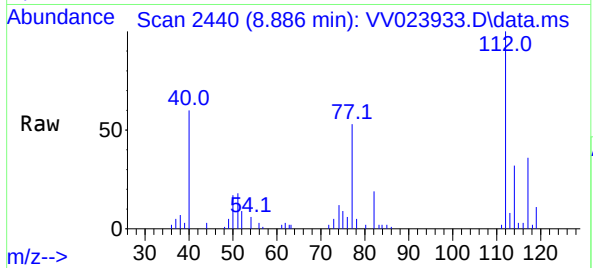




#51
Chlorobenzene
Concen: 0.649 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.007 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

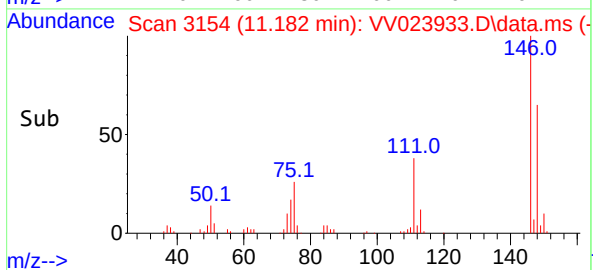
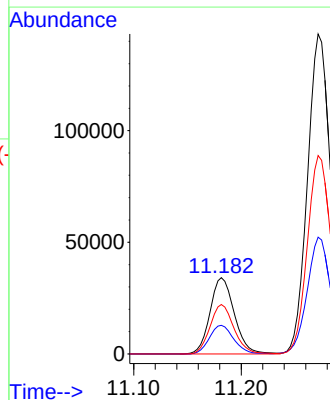
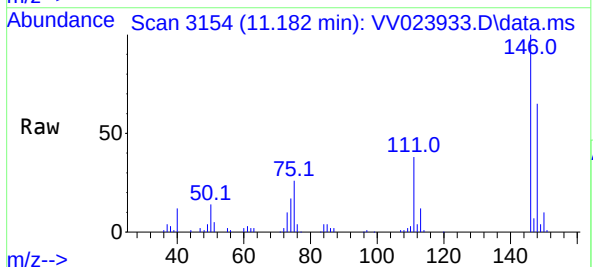
Instrument :
MSVOA_V
ClientSampleId :
EW210DL

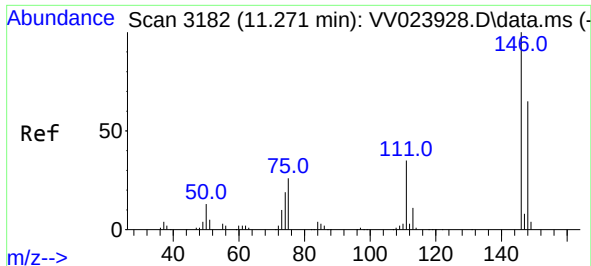
Tgt Ion:	112	Resp:	14205
Ion Ratio	Lower	Upper	
112	100		
114	32.0	23.3	43.3
77	53.2	43.3	64.9



#64
1,3-Dichlorobenzene
Concen: 3.244 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.004 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

Tgt Ion:	146	Resp:	53752
Ion Ratio	Lower	Upper	
146	100		
111	37.6	26.3	48.9
148	64.8	44.4	82.5

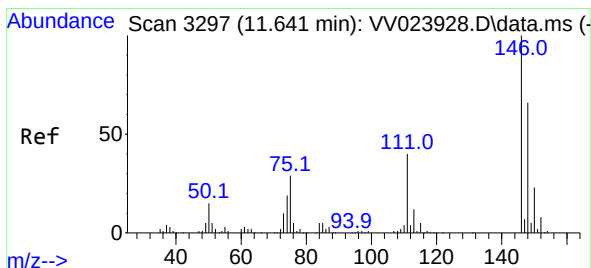
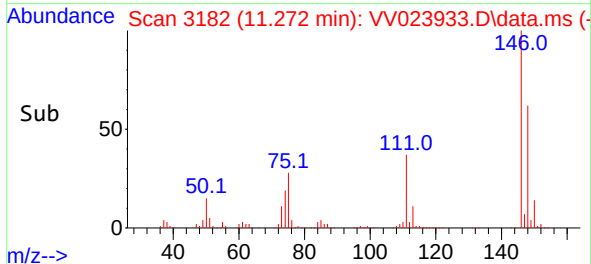
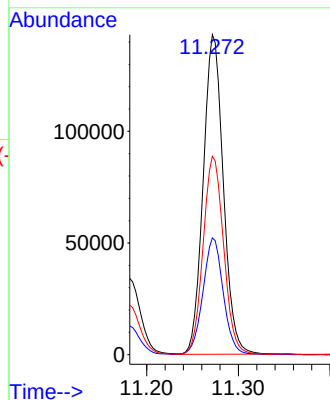
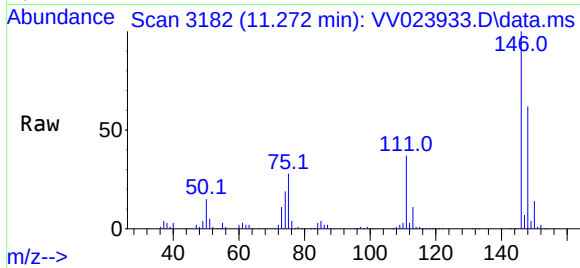




#65
1,4-Dichlorobenzene
Concen: 13.117 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

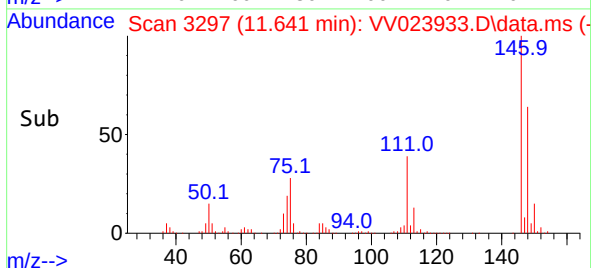
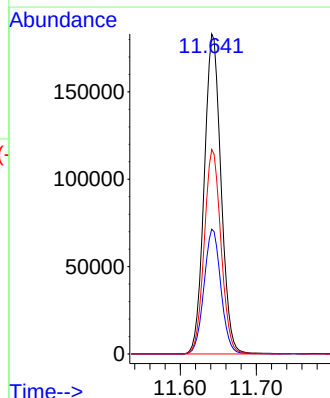
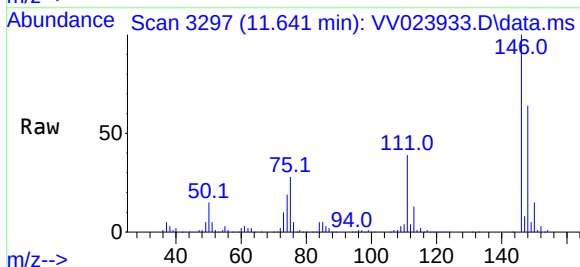
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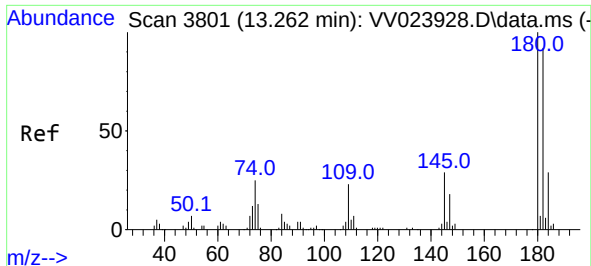
Tgt Ion:146 Resp: 218261
Ion Ratio Lower Upper
146 100
111 36.5 25.6 47.6
148 62.0 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 18.520 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

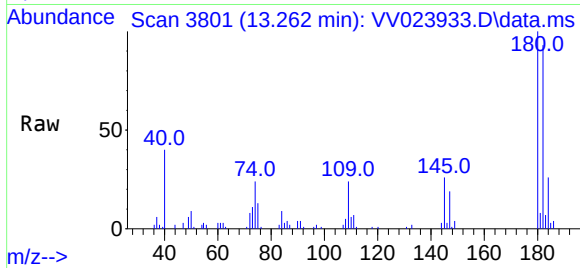
Tgt Ion:146 Resp: 281111
Ion Ratio Lower Upper
146 100
111 39.0 31.9 47.9
148 63.9 50.5 75.7



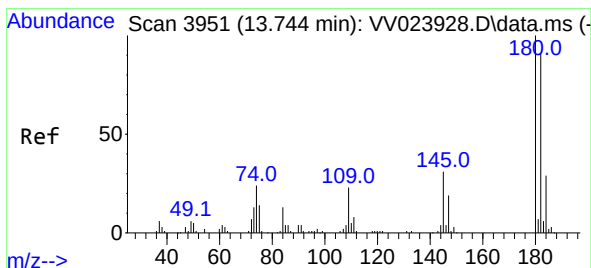
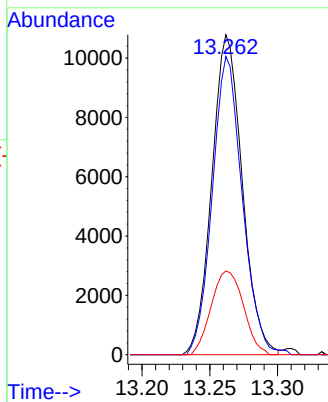
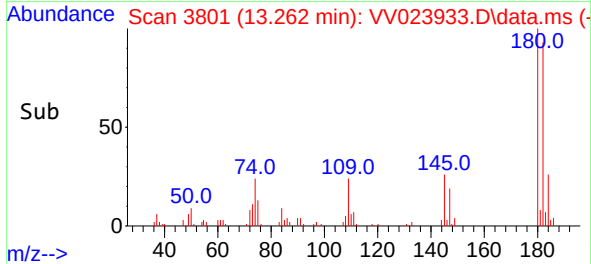


#70
1,2,4-trichlorobenzene
Concen: 1.571 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06

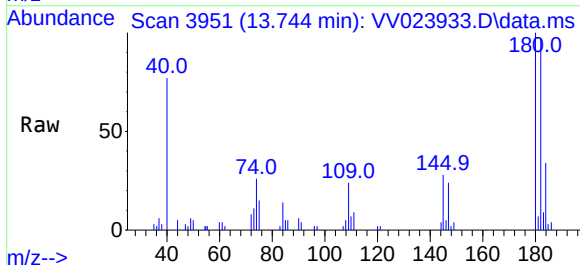
Instrument :
MSVOA_V
ClientSampleId :
EW210DL



Tgt Ion:180 Resp: 16817
Ion Ratio Lower Upper
180 100
182 91.8 74.4 111.6
145 27.8 23.3 34.9



#72
1,2,3-Trichlorobenzene
Concen: 0.968 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023933.D
Acq: 11 Dec 2021 16:06



Tgt Ion:180 Resp: 9144
Ion Ratio Lower Upper
180 100
182 97.2 76.8 115.2
145 29.8 25.8 38.6

