

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027796.D
 Acq On : 19 Dec 2023 23:09
 Operator : SY/MD
 Sample : 05869-02
 Misc : 4.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:50:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

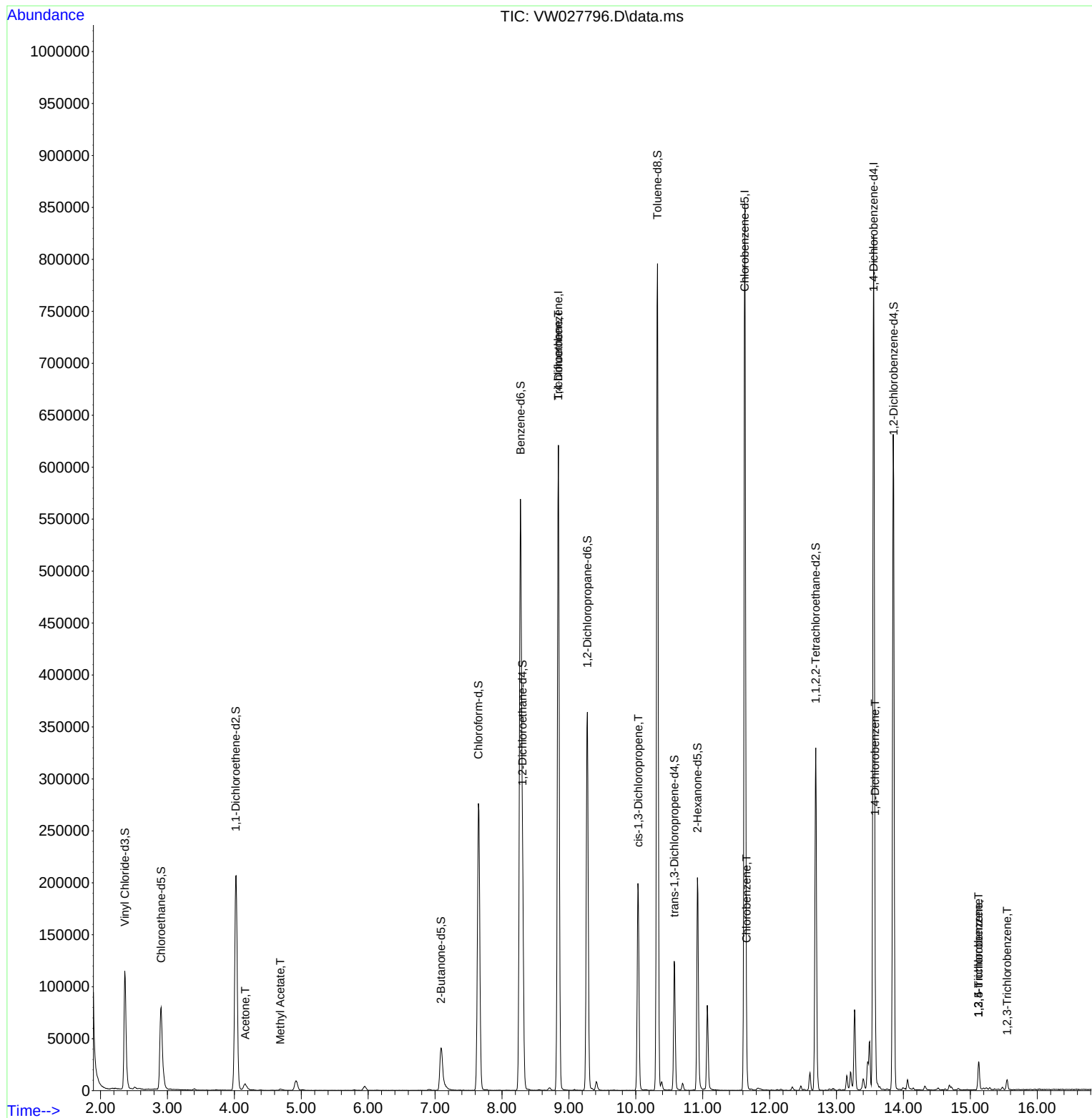
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	559235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	504703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	227710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	150978	19.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
7) Chloroethane-d5	2.905	69	126286	20.479	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.920%
11) 1,1-Dichloroethene-d2	4.021	65	62919	19.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.360%
21) 2-Butanone-d5	7.087	46	75825	56.223	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.440%
24) Chloroform-d	7.648	84	297234	22.336	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.360%
26) 1,2-Dichloroethane-d4	8.307	65	150512	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	8.276	84	632824	21.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	9.276	67	185004	22.139	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	10.325	98	556781	20.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.575	79	73062	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.922	63	75853	62.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162465	25.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.840%
66) 1,2-Dichlorobenzene-d4	13.854	152	181266	22.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.960%
Target Compounds						
					Qvalue	
13) Acetone	4.161	43	13373	10.923	ug/L	100
15) Methyl Acetate	4.685	43	1313	0.594	ug/L	91
34) Trichloroethene	8.843	95	15608	1.957	ug/L #	3
39) cis-1,3-Dichloropropene	10.038	75	4621	0.429	ug/L #	60
51) Chlorobenzene	11.654	112	11935	0.593	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	37648	2.699	ug/L	97
69) 1,3,5-Trichlorobenzene	15.122	180	8647	0.895	ug/L	90
70) 1,2,4-trichlorobenzene	15.122	180	8647	1.090	ug/L	87
72) 1,2,3-Trichlorobenzene	15.549	180	3511	0.529	ug/L	98

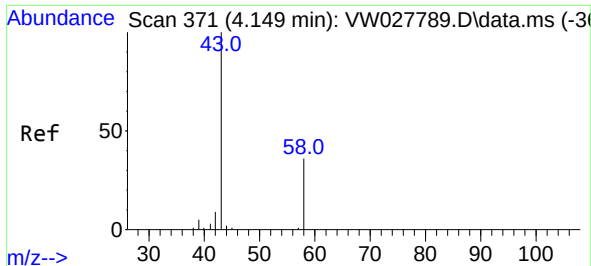
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

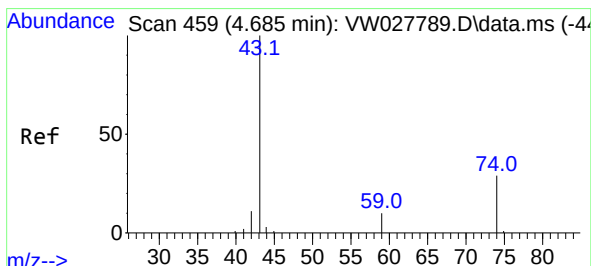
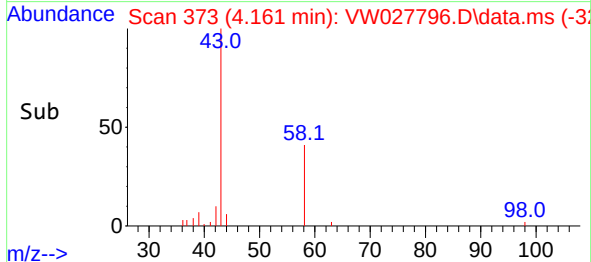
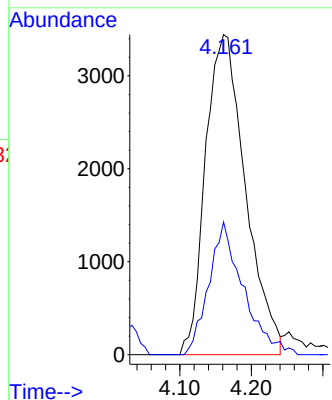
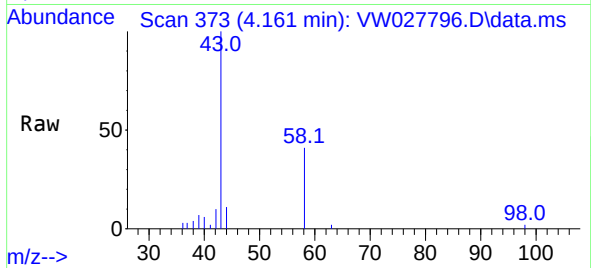




#13
Acetone
Concen: 10.923 ug/L
RT: 4.161 min Scan# 313
Delta R.T. -0.025 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

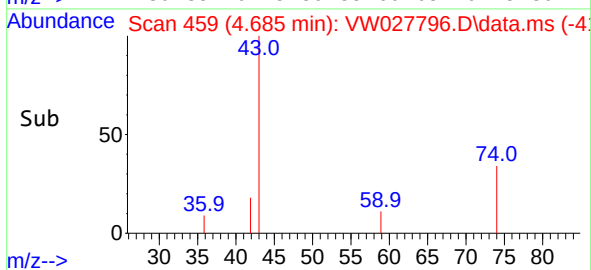
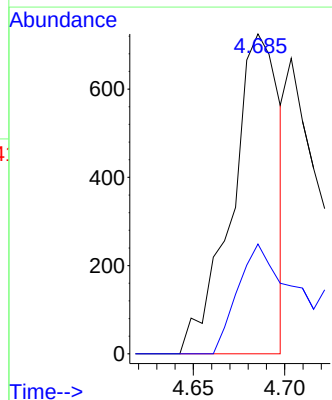
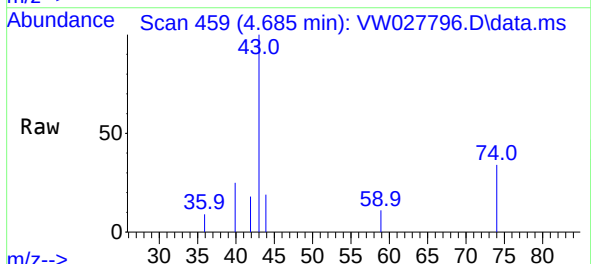
Instrument :
MSVOA_W
ClientSampleId :

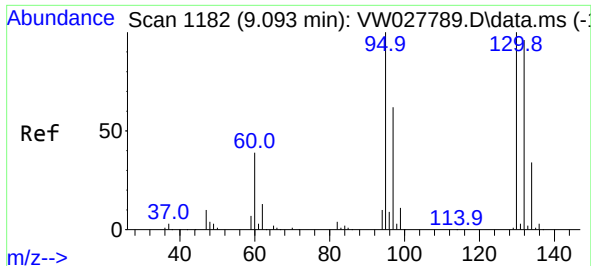
Tgt Ion: 43 Resp: 13373
Ion Ratio Lower Upper
43 100
58 34.5 0.0 68.6



#15
Methyl Acetate
Concen: 0.594 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.012 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

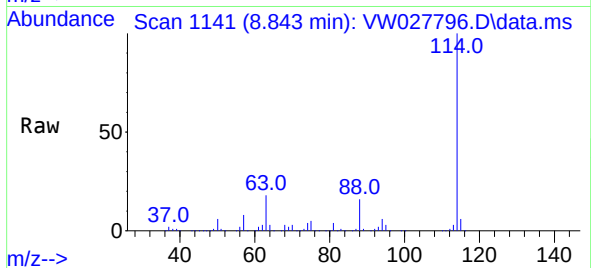
Tgt Ion: 43 Resp: 1313
Ion Ratio Lower Upper
43 100
74 32.4 22.1 33.1



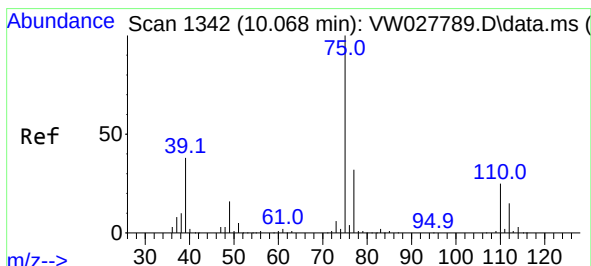
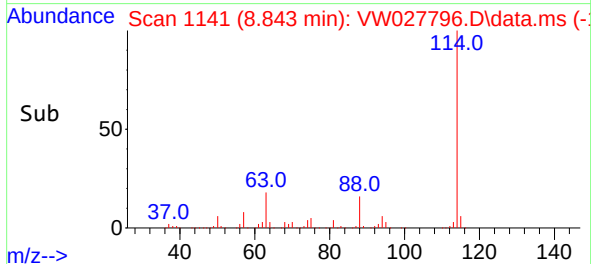
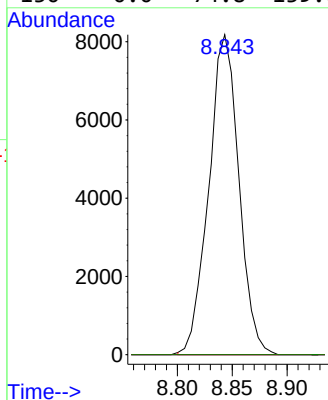


#34
Trichloroethene
Concen: 1.957 ug/L
RT: 8.843 min Scan# 1182
Delta R.T. -0.244 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

Instrument :
MSVOA_W
ClientSampleId :

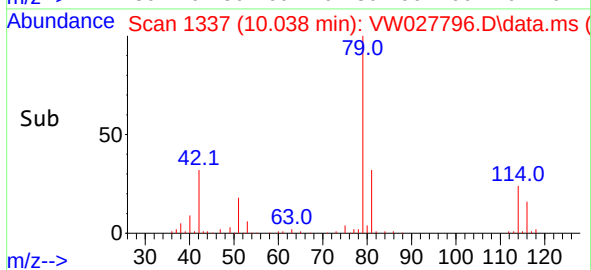
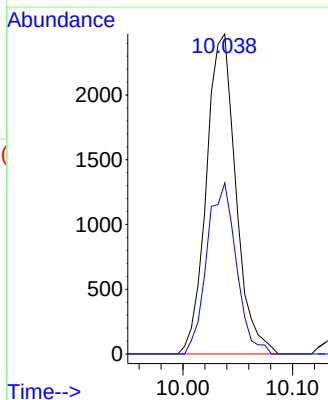
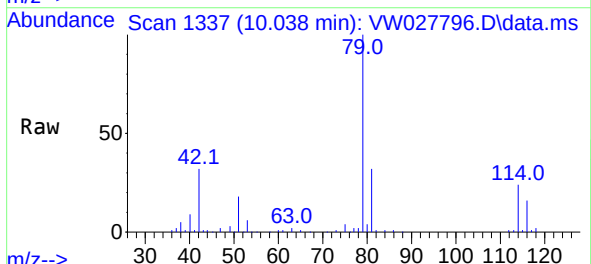


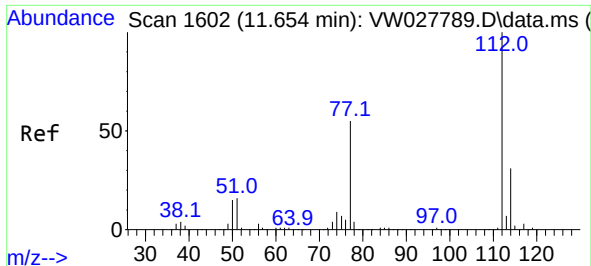
Tgt Ion: 95 Resp: 15608
Ion Ratio Lower Upper
95 100
97 0.0 45.9 85.3#
132 0.0 70.4 130.8#
130 0.0 74.8 139.0#



#39
cis-1,3-Dichloropropene
Concen: 0.429 ug/L
RT: 10.038 min Scan# 1337
Delta R.T. -0.031 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

Tgt Ion: 75 Resp: 4621
Ion Ratio Lower Upper
75 100
77 53.5 21.8 40.6#

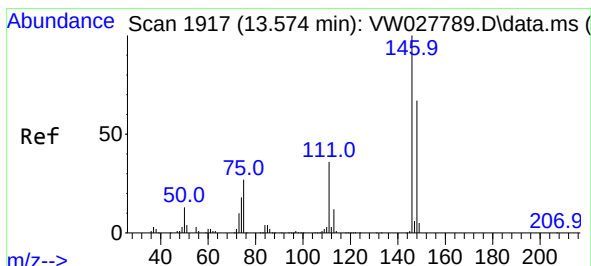
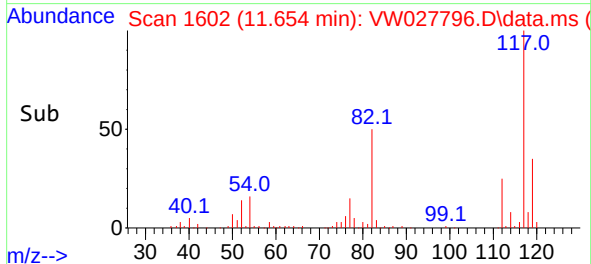
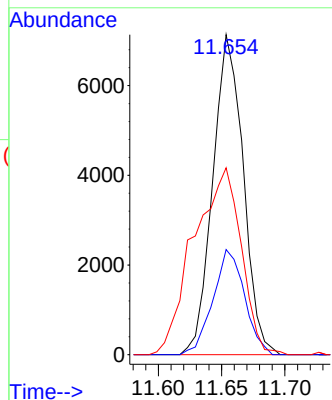
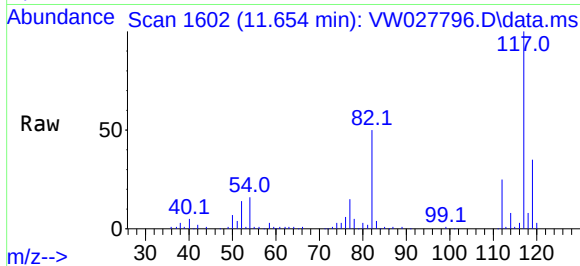




#51
Chlorobenzene
Concen: 0.593 ug/L
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

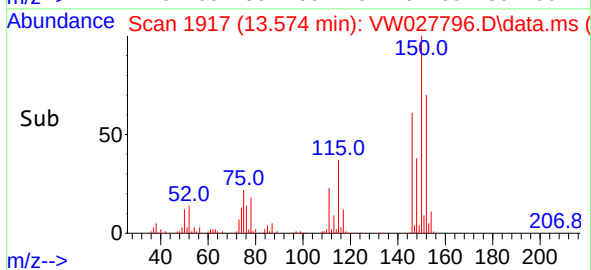
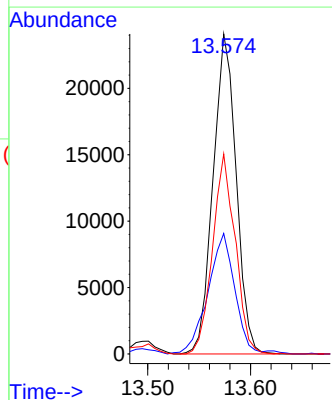
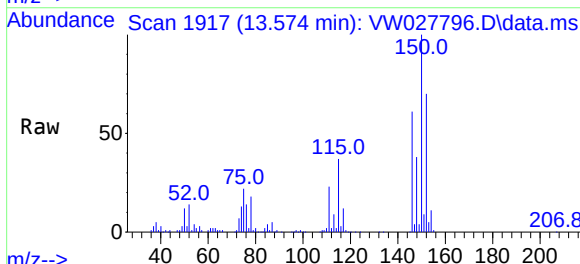
Instrument :
MSVOA_W
ClientSampleId :

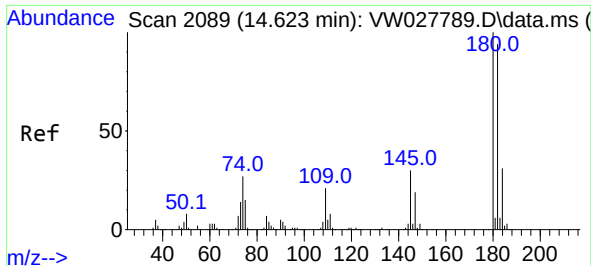
Tgt Ion:	112	Resp:	11935
Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.0	46.4
77	58.4	48.1	72.1



#65
1,4-Dichlorobenzene
Concen: 2.699 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027796.D
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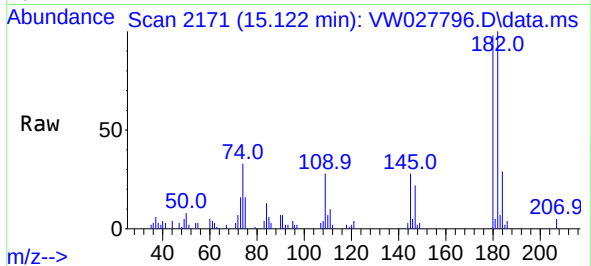
Tgt Ion:	146	Resp:	37648
Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.2	48.6
148	62.5	46.3	85.9



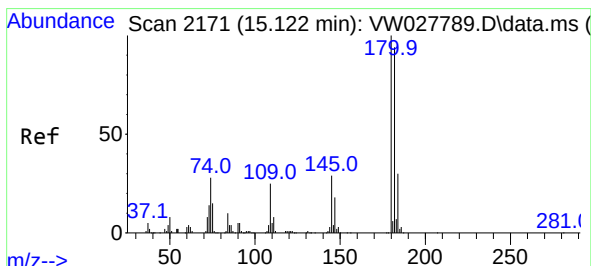
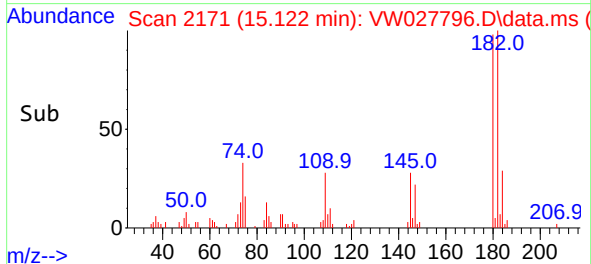
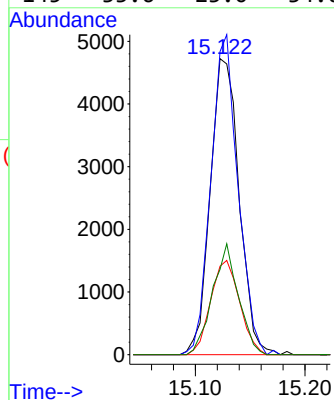


#69
1,3,5-Trichlorobenzene
Concen: 0.895 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. 0.506 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09

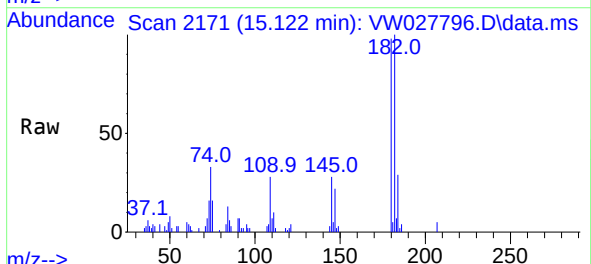
Instrument :
MSVOA_W
ClientSampleId :



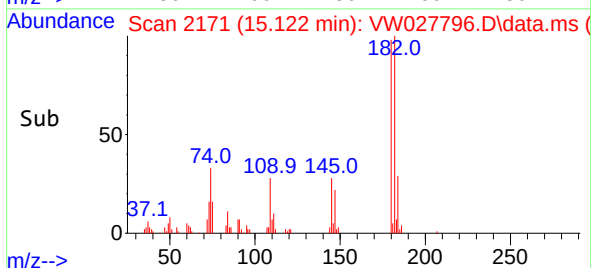
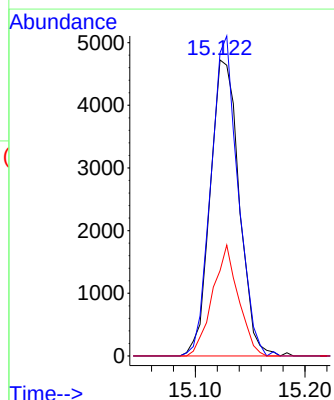
Tgt Ion:180	Resp:	8647
Ion	Ratio	Lower Upper
180	100	
182	101.1	72.6 109.0
184	32.1	23.0 34.6
145	33.6	23.0 34.6

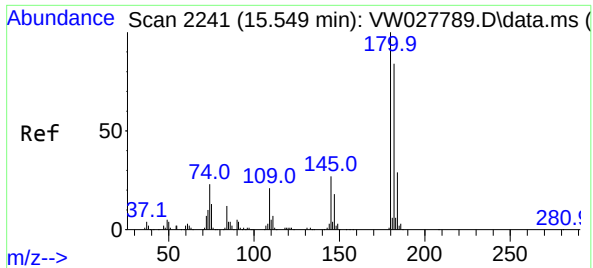


#70
1,2,4-trichlorobenzene
Concen: 1.090 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW027796.D
Acq: 19 Dec 2023 23:09



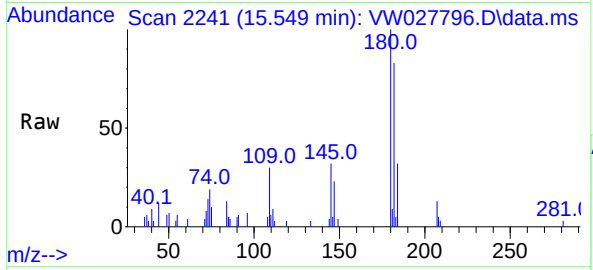
Tgt Ion:180	Resp:	8647
Ion	Ratio	Lower Upper
180	100	
182	101.1	69.7 104.5
145	33.6	24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.529 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027796.D
 Acq: 19 Dec 2023 23:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	3511
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.5	113.3
145	29.6	25.0	37.6

