

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028350.D
 Acq On : 05 Oct 2022 01:23
 Operator : SY/MD
 Sample : N4872-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX5

Quant Time: Oct 05 04:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

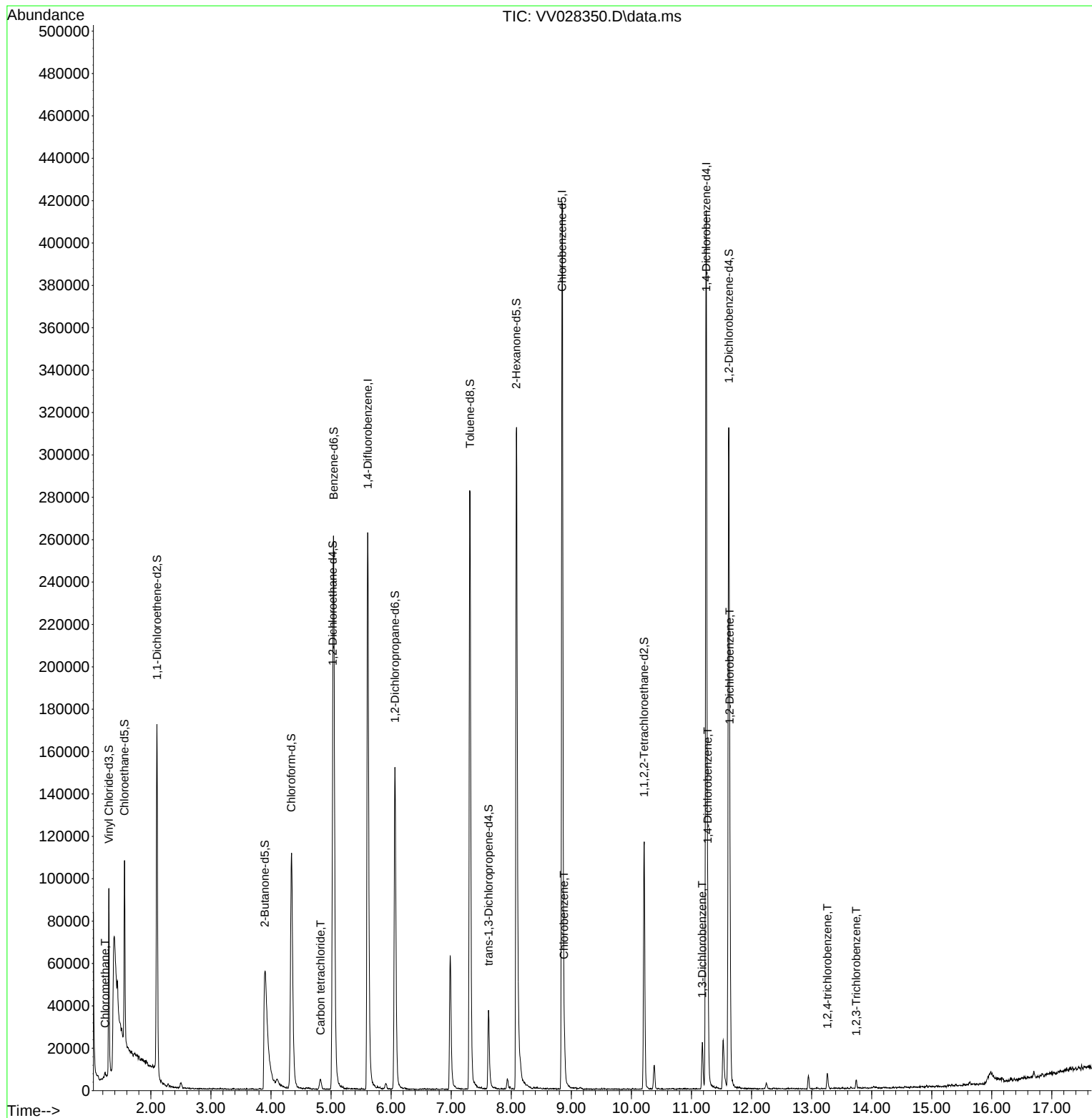
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	244229	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56908	3.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.561	69	53755	3.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.101	63	82490	2.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.600%#
20) 2-Butanone-d5	3.899	46	144871	46.659	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	4.339	84	119224	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.027	65	61294	3.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.043	84	248957	3.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.063	67	78669	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	203772	3.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.622	79	24334	3.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.085	63	120093	39.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57367	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	82341	4.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	2075	0.111	ug/L	89
31) Carbon tetrachloride	4.825	117	3529	0.129	ug/L	97
51) Chlorobenzene	8.879	112	12192	0.236	ug/L	93
64) 1,3-Dichlorobenzene	11.181	146	10430	0.301	ug/L	93
65) 1,4-Dichlorobenzene	11.271	146	31683	0.912	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	35665	1.133	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	2873	0.137	ug/L	94
72) 1,2,3-Trichlorobenzene	13.744	180	1564	0.083	ug/L #	83

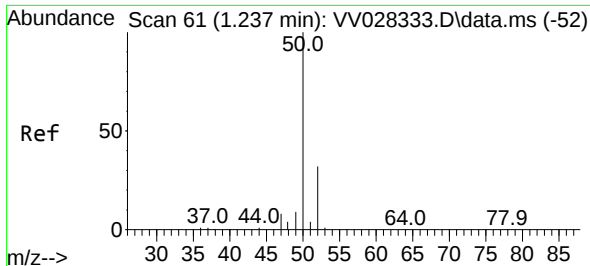
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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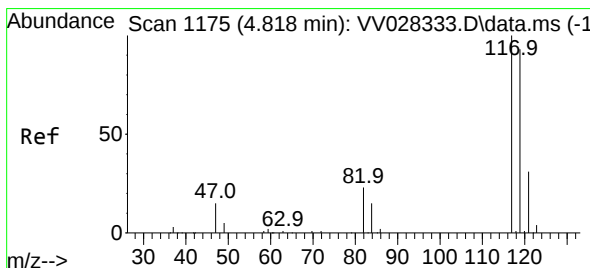
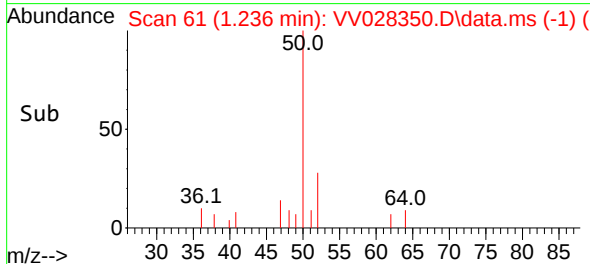
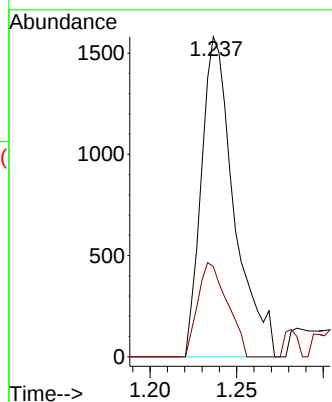
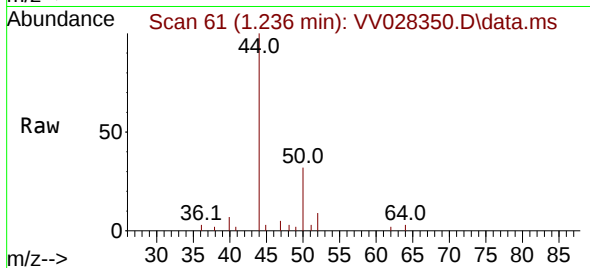




#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028350.D
Acq: 05 Oct 2022 01:23

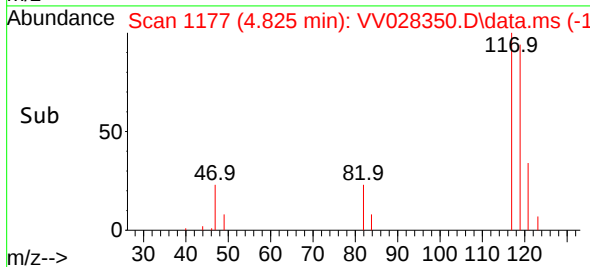
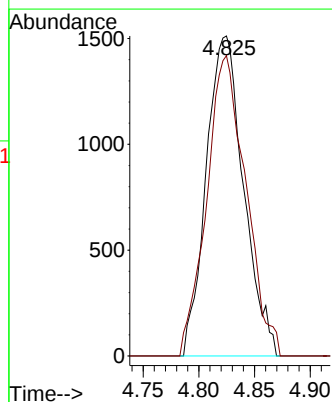
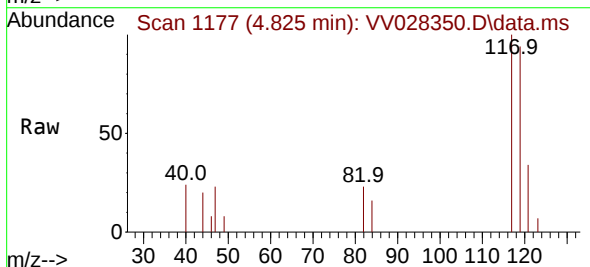
Instrument :
MSVOA_V
ClientSampleId :
EXFX5

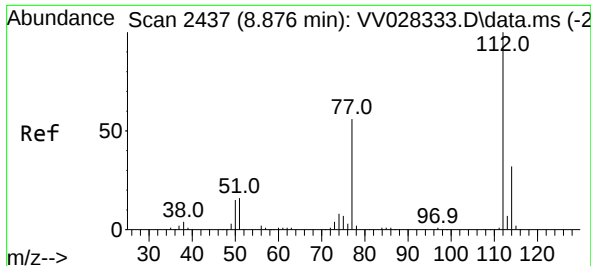
Tgt Ion: 50 Resp: 2075
Ion Ratio Lower Upper
50 100
52 28.1 24.4 45.2



#31
Carbon tetrachloride
Concen: 0.129 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV028350.D
Acq: 05 Oct 2022 01:23

Tgt Ion: 117 Resp: 3529
Ion Ratio Lower Upper
117 100
119 98.6 76.9 115.3

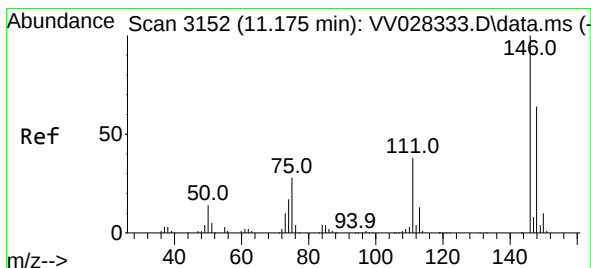
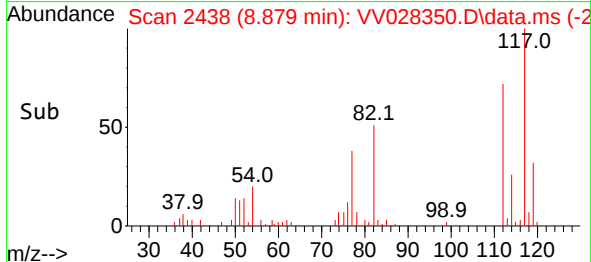
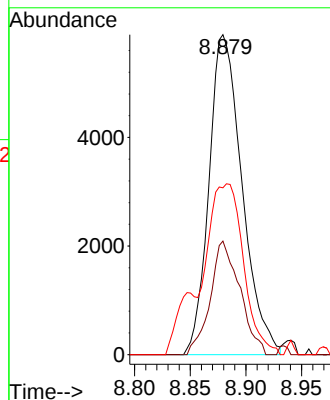
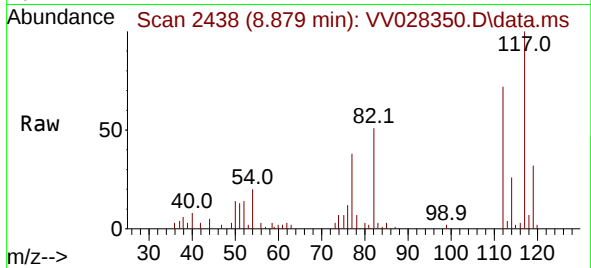




#51
Chlorobenzene
Concen: 0.236 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028350.D
Acq: 05 Oct 2022 01:23

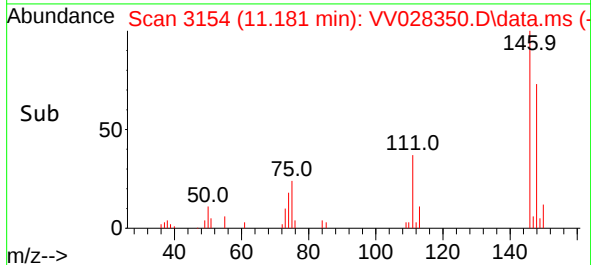
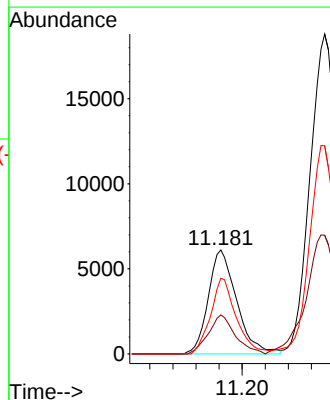
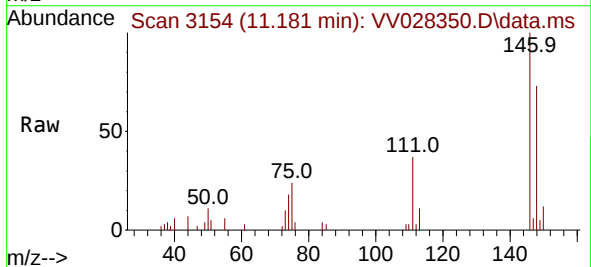
Instrument :
MSVOA_V
ClientSampleId :
EXFX5

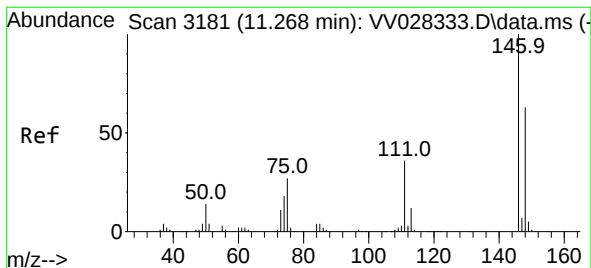
Tgt Ion:112 Resp: 12192
Ion Ratio Lower Upper
112 100
114 35.5 22.5 41.7
77 52.2 46.1 69.1



#64
1,3-Dichlorobenzene
Concen: 0.301 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028350.D
Acq: 05 Oct 2022 01:23

Tgt Ion:146 Resp: 10430
Ion Ratio Lower Upper
146 100
111 37.5 27.1 50.3
148 72.7 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 0.912 ug/L

RT: 11.271 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VV028350.D

Acq: 05 Oct 2022 01:23

Instrument :

MSVOA_V

ClientSampleId :

EXFX5

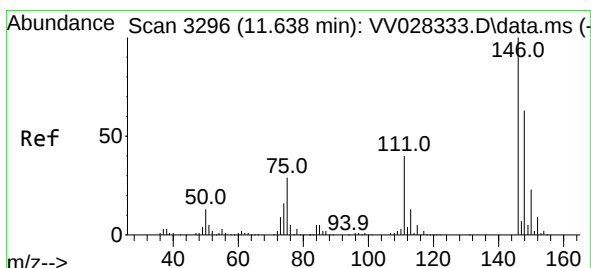
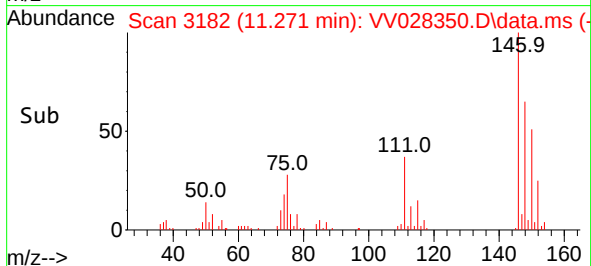
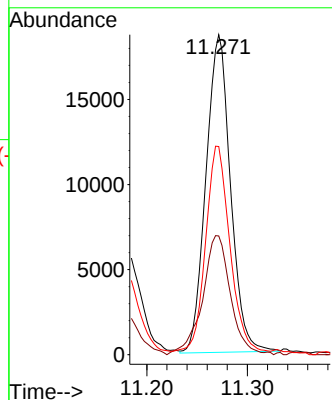
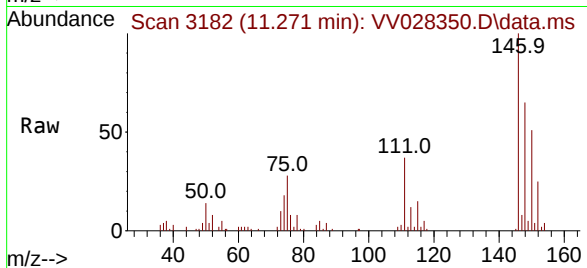
Tgt Ion:146 Resp: 31683

Ion Ratio Lower Upper

146 100

111 37.1 26.2 48.8

148 65.0 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 1.133 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028350.D

Acq: 05 Oct 2022 01:23

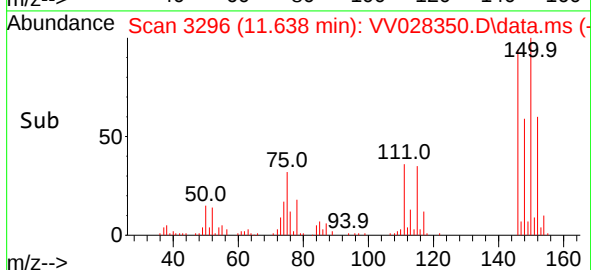
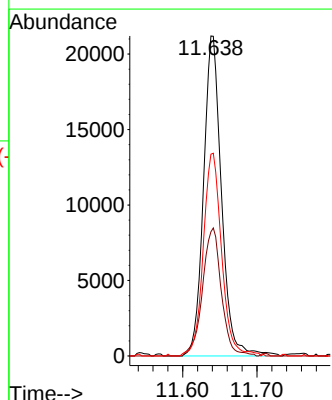
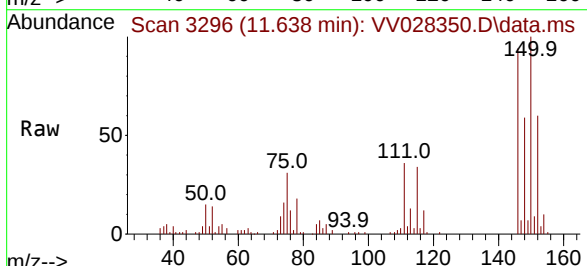
Tgt Ion:146 Resp: 35665

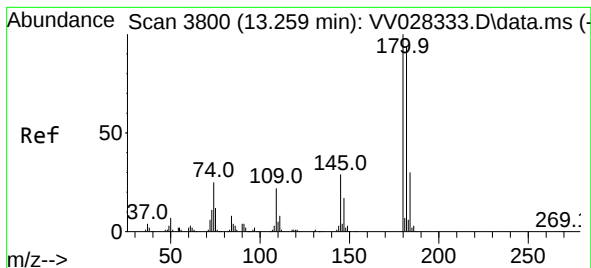
Ion Ratio Lower Upper

146 100

111 38.8 32.6 49.0

148 63.1 50.1 75.1





#70

1,2,4-trichlorobenzene

Concen: 0.137 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV028350.D

Acq: 05 Oct 2022 01:23

Instrument :

MSVOA_V

ClientSampleId :

EXFX5

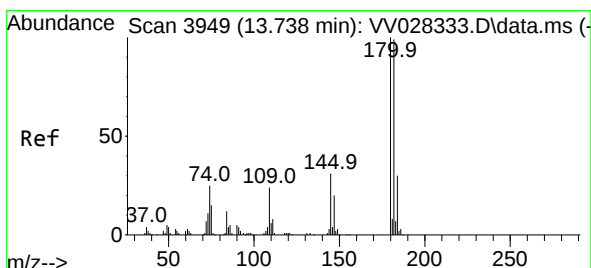
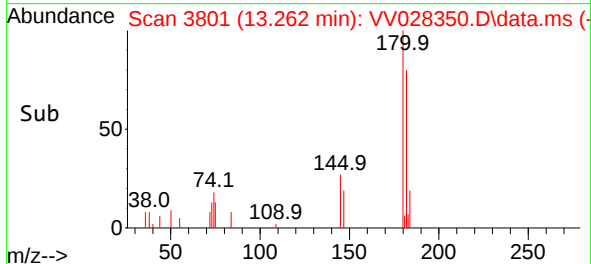
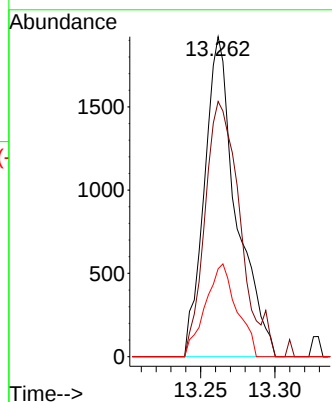
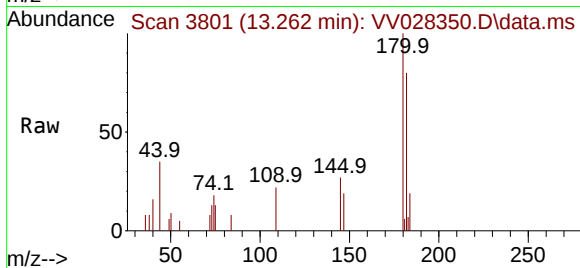
Tgt Ion:180 Resp: 2873

Ion Ratio Lower Upper

180 100

182 87.3 76.3 114.5

145 28.4 22.9 34.3



#72

1,2,3-Trichlorobenzene

Concen: 0.083 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV028350.D

Acq: 05 Oct 2022 01:23

Tgt Ion:180 Resp: 1564

Ion Ratio Lower Upper

180 100

182 76.0 77.4 116.0#

145 29.5 24.6 36.8

