

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028349.D
 Acq On : 05 Oct 2022 00:58
 Operator : SY/MD
 Sample : N4872-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX4

Quant Time: Oct 05 04:18:16 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)

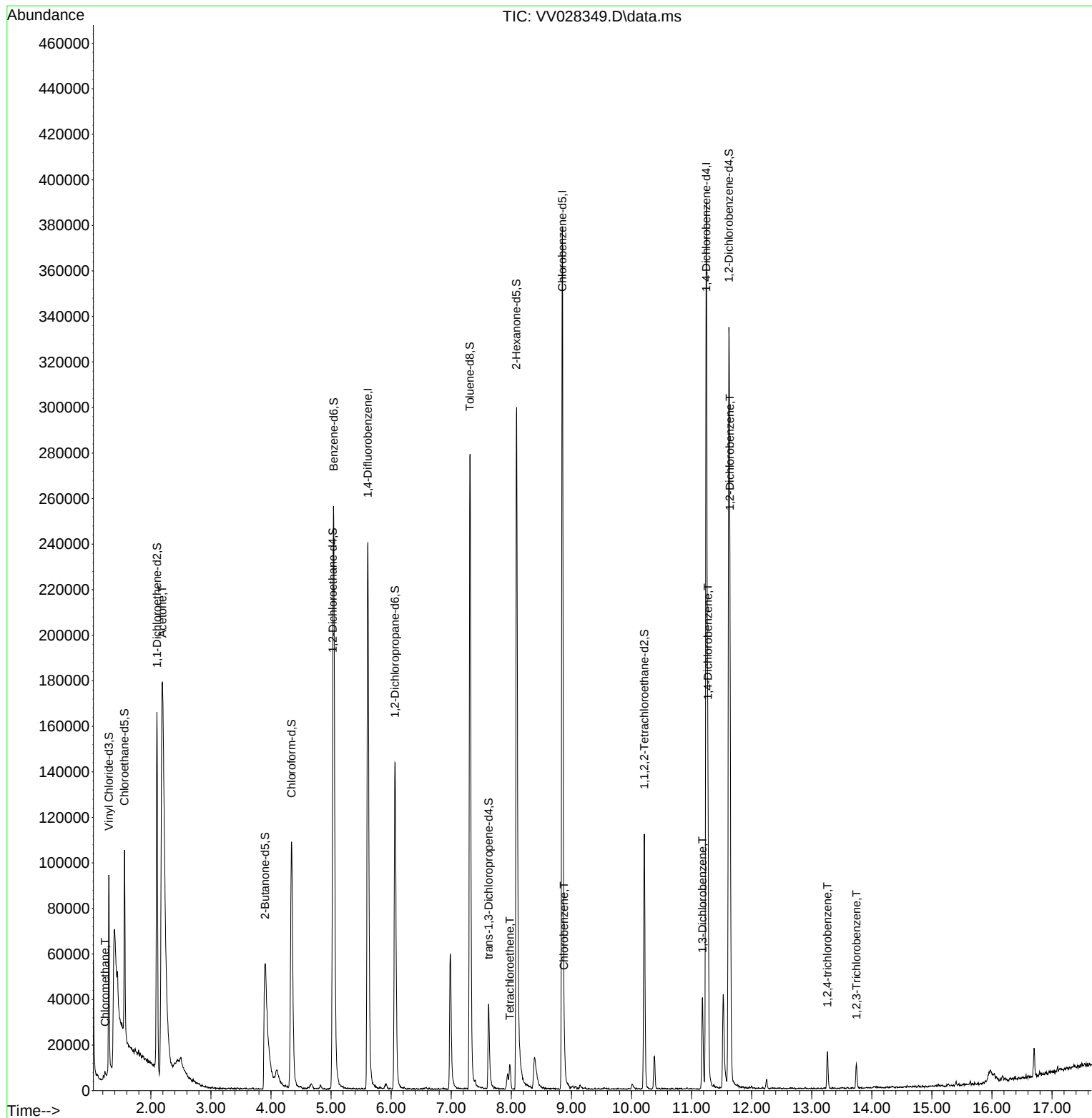
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	218911	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54264	3.299	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.561	69	51426	3.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.101	63	80973	2.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.899	46	141137	50.713	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.343	84	118117	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.027	65	58889	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.043	84	240494	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.063	67	75712	4.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.310	98	200757	3.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.622	79	23647	3.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.085	63	115418	41.946	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55498	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	78623	4.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
3) Chloromethane	1.237	50	1364	0.082	ug/L	96
13) Acetone	2.191	43	510589	279.394	ug/L	95
47) Tetrachloroethene	7.976	164	2739	0.187	ug/L	95
51) Chlorobenzene	8.879	112	7279	0.156	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	18396	0.588	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	57776	1.846	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	73976	2.609	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	5912	0.314	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	3689	0.217	ug/L	98

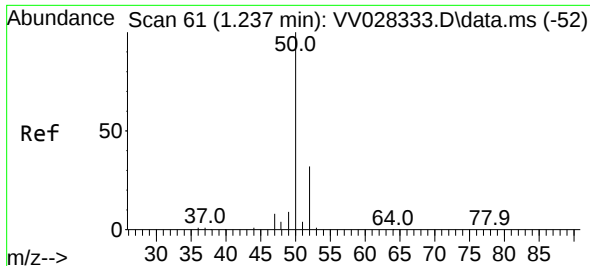
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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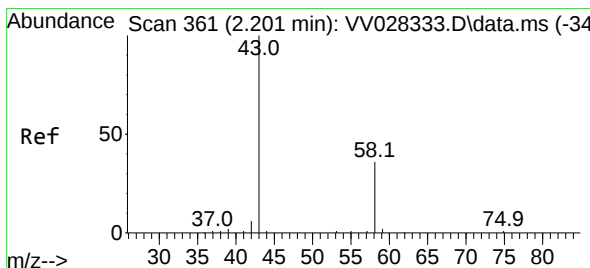
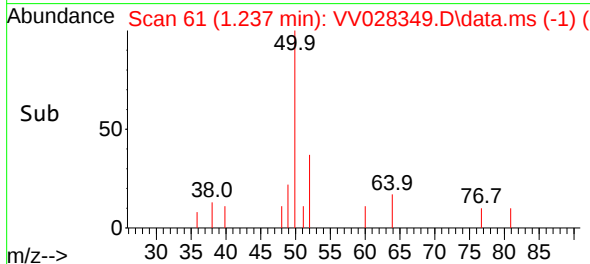
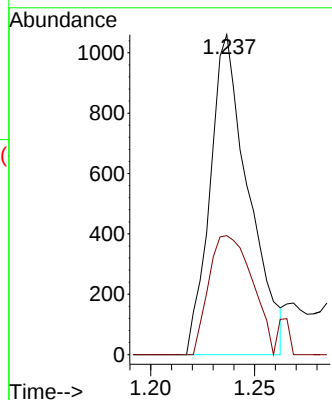
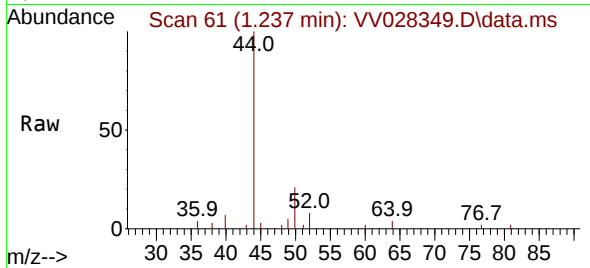




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

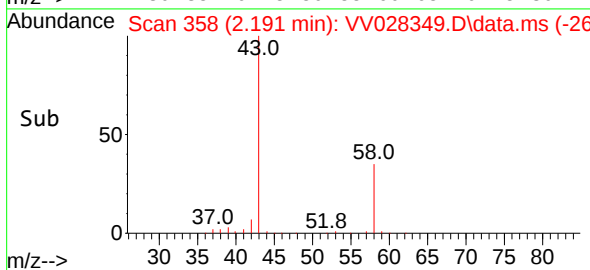
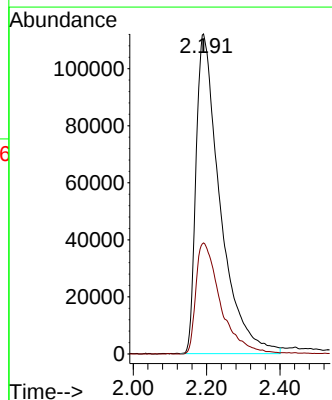
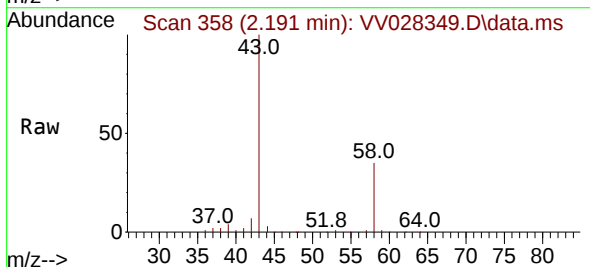
Instrument :
MSVOA_V
ClientSampleId :
EXFX4

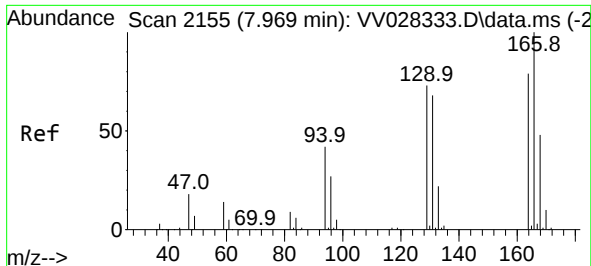
Tgt Ion: 50 Resp: 1364
Ion Ratio Lower Upper
50 100
52 37.2 24.4 45.2



#13
Acetone
Concen: 279.394 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.016 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

Tgt Ion: 43 Resp: 510589
Ion Ratio Lower Upper
43 100
58 35.5 0.0 65.6



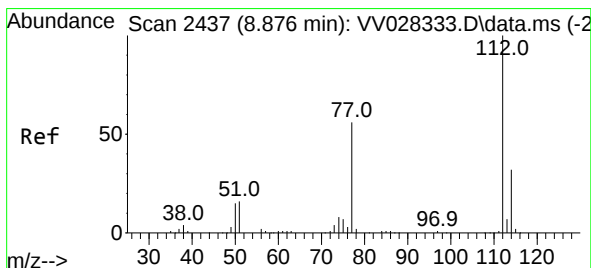
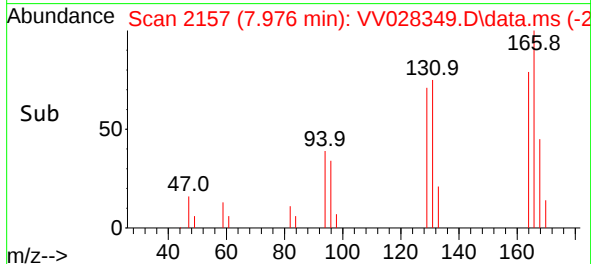
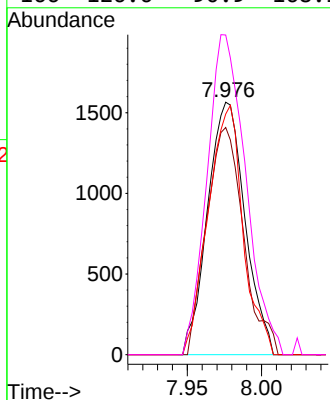
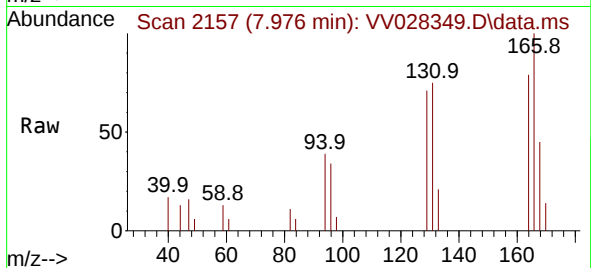


#47
Tetrachloroethene
Concen: 0.187 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.007 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

Instrument :
MSVOA_V
ClientSampleId :
EXFX4

Tgt Ion:164 Resp: 2739

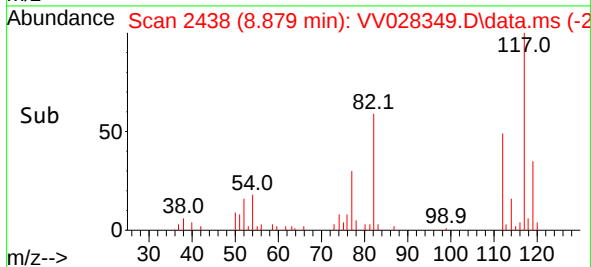
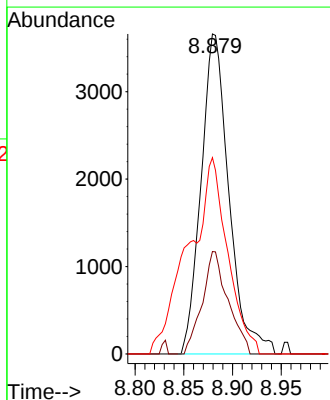
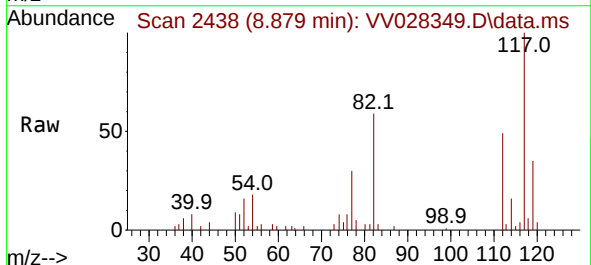
Ion	Ratio	Lower	Upper
164	100		
129	90.0	66.7	123.9
131	95.3	61.7	114.5
166	126.6	90.9	168.9

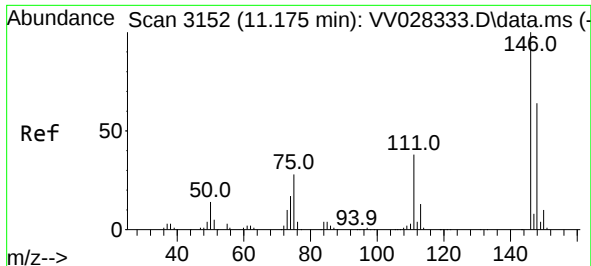


#51
Chlorobenzene
Concen: 0.156 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

Tgt Ion:112 Resp: 7279

Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.5	41.7
77	57.4	46.1	69.1

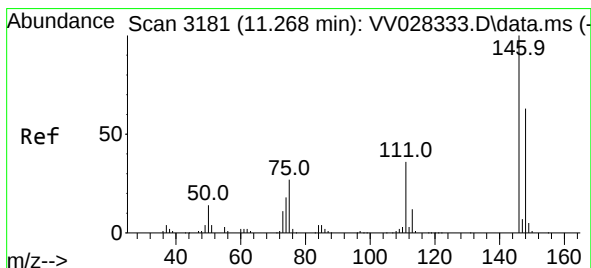
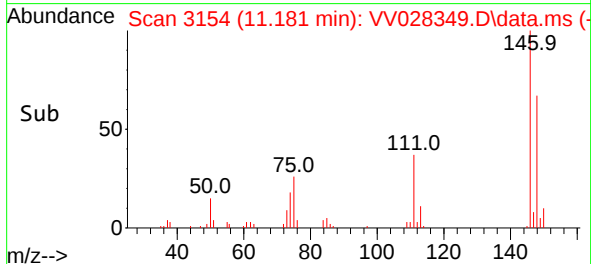
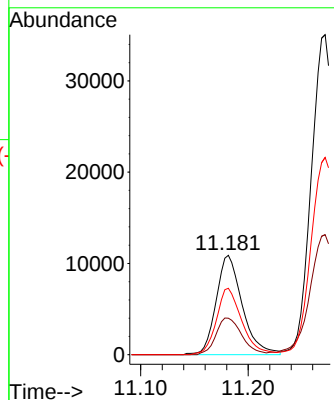
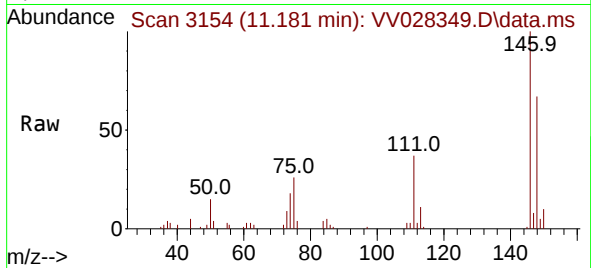




#64
1,3-Dichlorobenzene
Concen: 0.588 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

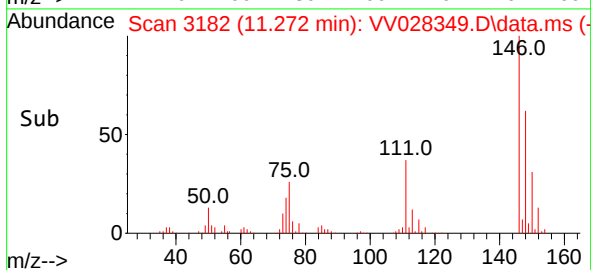
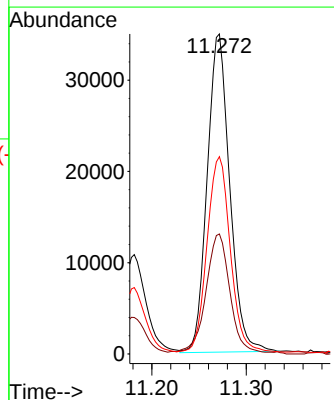
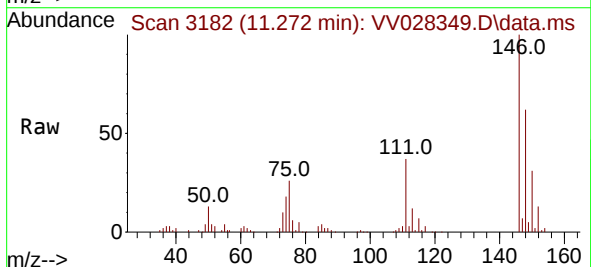
Instrument :
MSVOA_V
ClientSampleId :
EXFX4

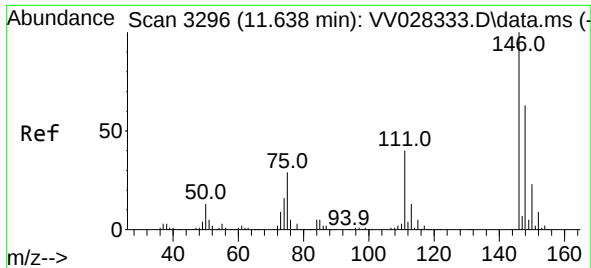
Tgt Ion:146 Resp: 18396
Ion Ratio Lower Upper
146 100
111 36.8 27.1 50.3
148 66.9 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 1.846 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

Tgt Ion:146 Resp: 57776
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 61.7 45.8 85.2

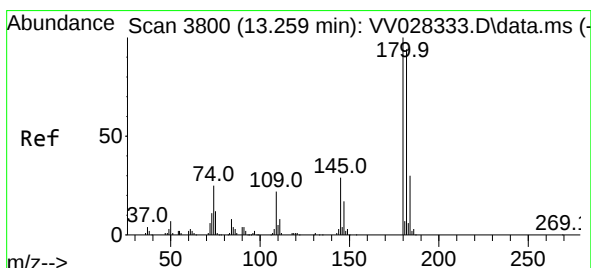
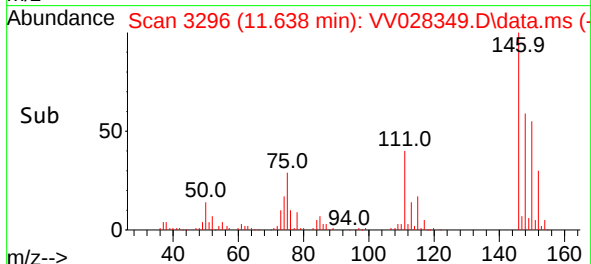
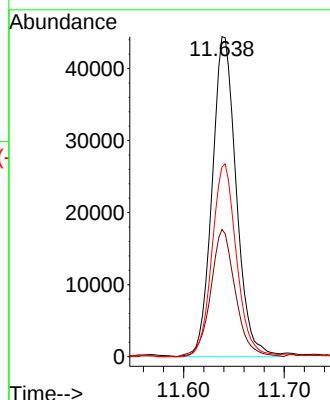
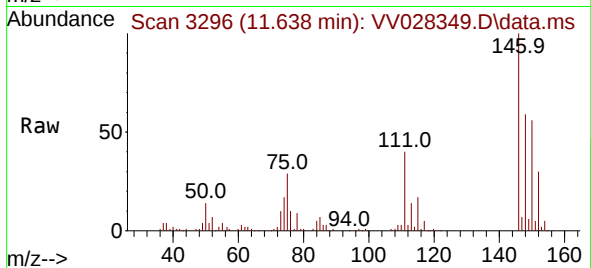




#67
1,2-Dichlorobenzene
Concen: 2.609 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

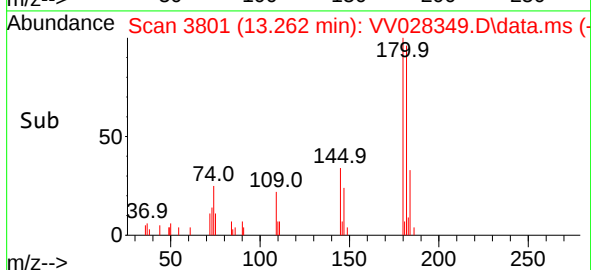
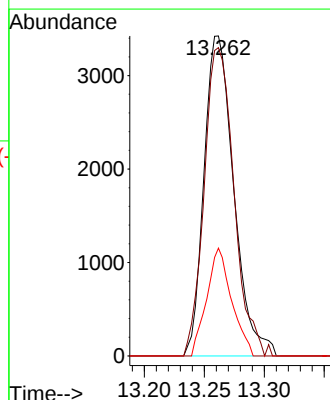
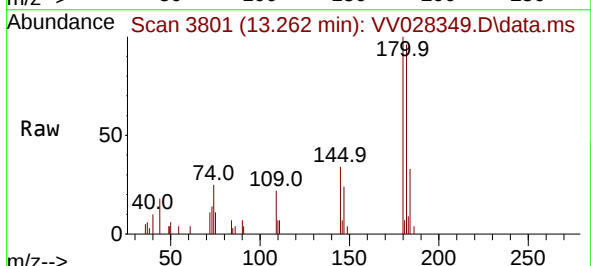
Instrument :
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ClientSampleId :
EXFX4

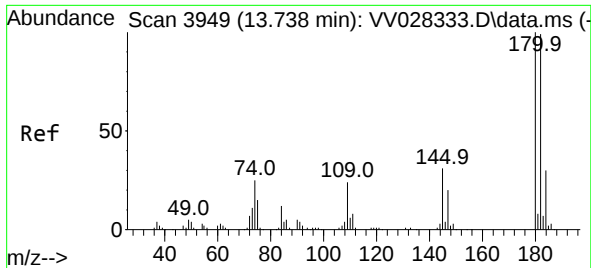
Tgt Ion:146 Resp: 73976
Ion Ratio Lower Upper
146 100
111 39.7 32.6 49.0
148 59.3 50.1 75.1



#70
1,2,4-trichlorobenzene
Concen: 0.314 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV028349.D
Acq: 05 Oct 2022 00:58

Tgt Ion:180 Resp: 5912
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 28.2 22.9 34.3





#72
 1,2,3-Trichlorobenzene
 Concen: 0.217 ug/L
 RT: 13.744 min Scan# 3949
 Delta R.T. 0.003 min
 Lab File: VV028349.D
 Acq: 05 Oct 2022 00:58

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX4

Tgt Ion:180 Resp: 3689
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.4 116.0
 145 27.7 24.6 36.8

