

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028348.D
 Acq On : 05 Oct 2022 00:34
 Operator : SY/MD
 Sample : N4872-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX3

Quant Time: Oct 05 04:18:06 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)

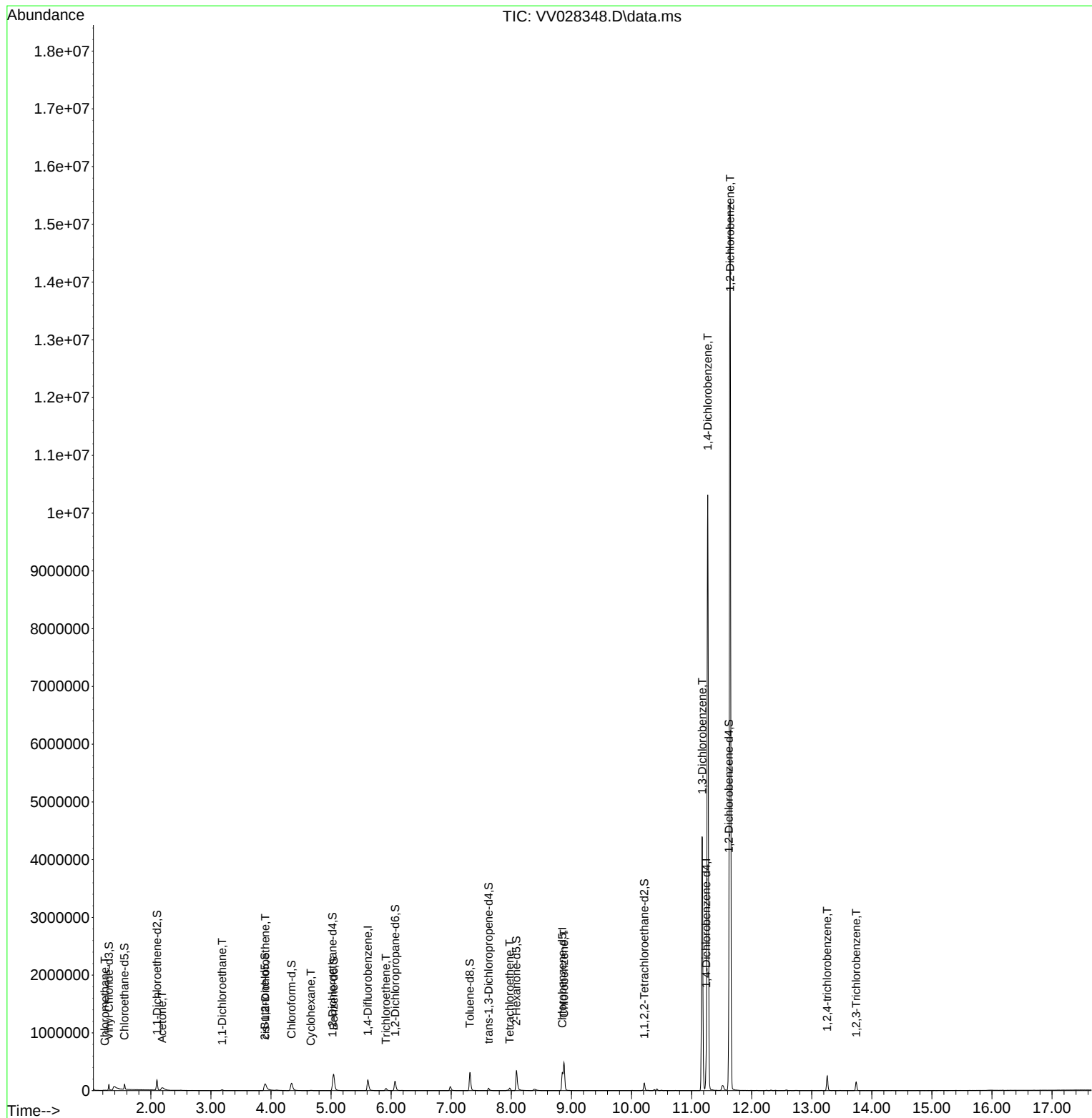
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	167312	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	170239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100722	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	61527	4.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.561	69	58555	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.000%
11) 1,1-Dichloroethene-d2	2.101	63	87777	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	3.896	46	159102	74.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.600%#
24) Chloroform-d	4.343	84	132042	5.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
26) 1,2-Dichloroethane-d4	5.024	65	62313	5.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	5.043	84	266086	5.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.066	67	80962	6.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.800%
41) Toluene-d8	7.310	98	220129	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.622	79	26398	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.085	63	136288	65.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.520%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61632	6.069	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	99337	5.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
3) Chloromethane	1.233	50	1760	0.138	ug/L	96
13) Acetone	2.188	43	121457	86.958	ug/L	94
19) 1,1-Dichloroethane	3.185	63	15925	0.748	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	35885	2.851	ug/L	95
30) Cyclohexane	4.661	56	2064	0.114	ug/L	# 75
34) Trichloroethene	5.912	95	13341	1.051	ug/L	96
47) Tetrachloroethene	7.973	164	10603	0.956	ug/L	97
51) Chlorobenzene	8.876	112	276476	7.796	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	1799395	59.431	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	4174735	137.705	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	6231569	226.934	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	82831	4.539	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	47684	2.898	ug/L	99

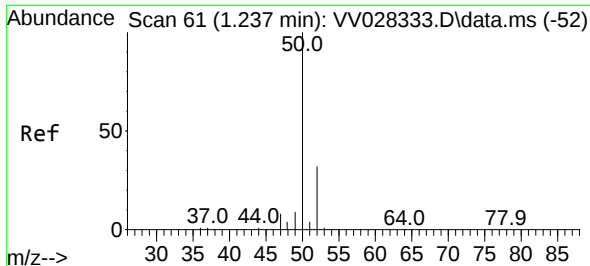
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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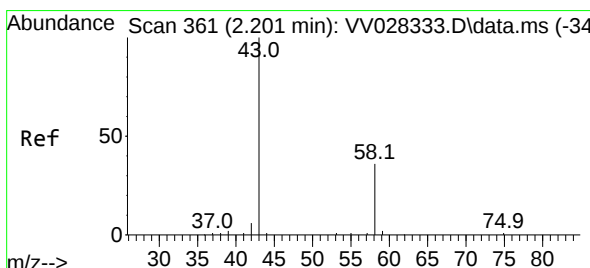
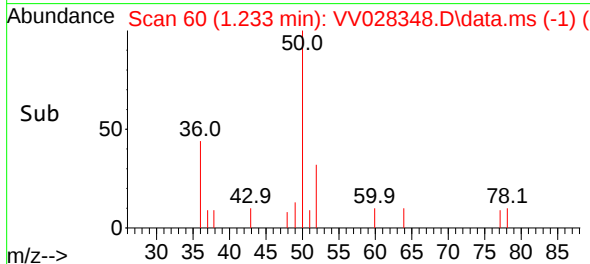
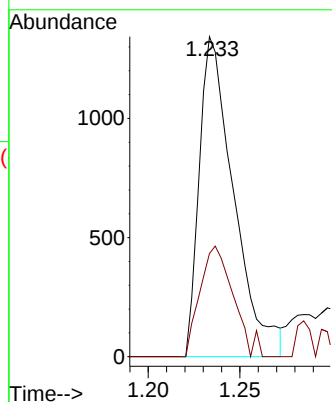
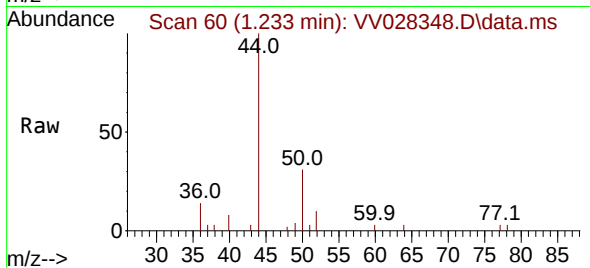




#3
Chloromethane
Concen: 0.138 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

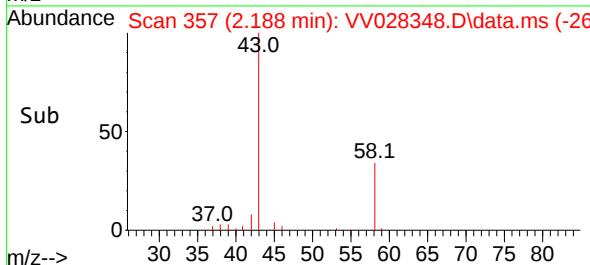
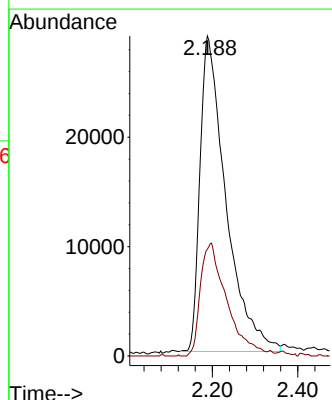
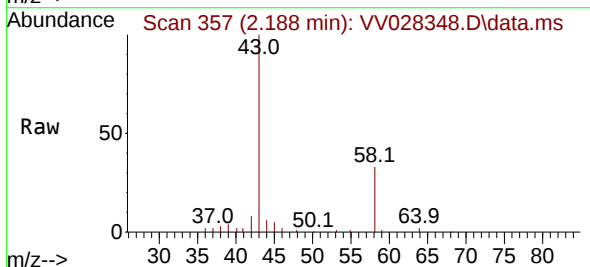
Instrument :
MSVOA_V
ClientSampleId :
EXFX3

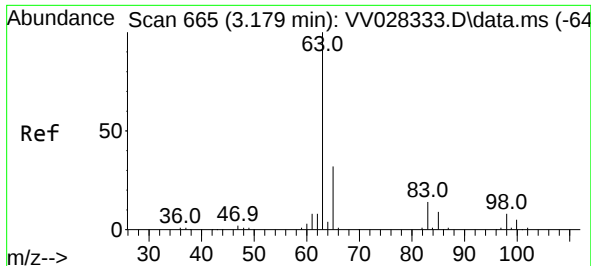
Tgt Ion: 50 Resp: 1760
Ion Ratio Lower Upper
50 100
52 32.2 24.4 45.2



#13
Acetone
Concen: 86.958 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.013 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

Tgt Ion: 43 Resp: 121457
Ion Ratio Lower Upper
43 100
58 36.3 0.0 65.6





#19

1,1-Dichloroethane

Concen: 0.748 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028348.D

Acq: 05 Oct 2022 00:34

Instrument :

MSVOA_V

ClientSampleId :

EXFX3

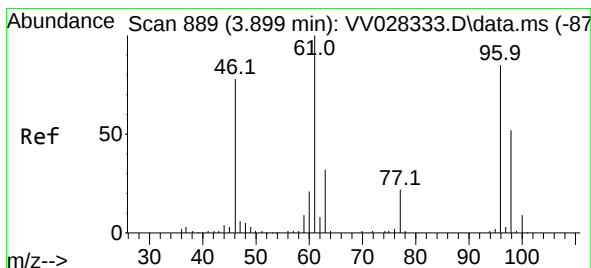
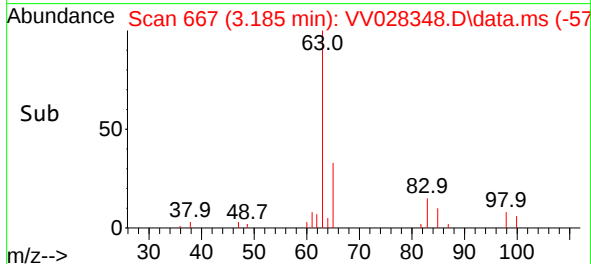
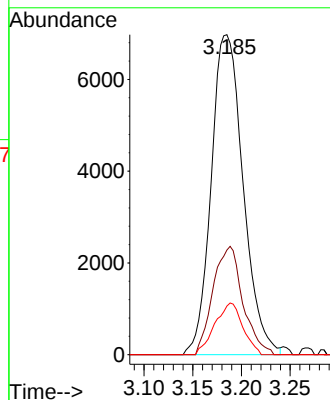
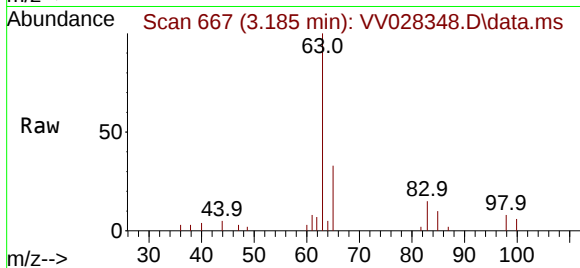
Tgt Ion: 63 Resp: 15925

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.8

83 15.2 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 2.851 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028348.D

Acq: 05 Oct 2022 00:34

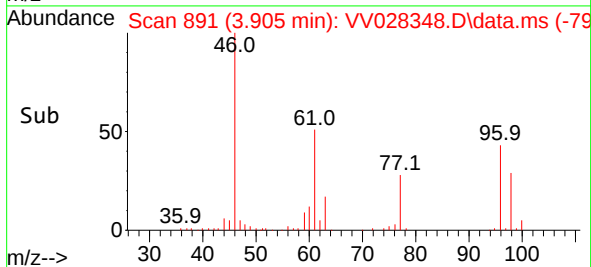
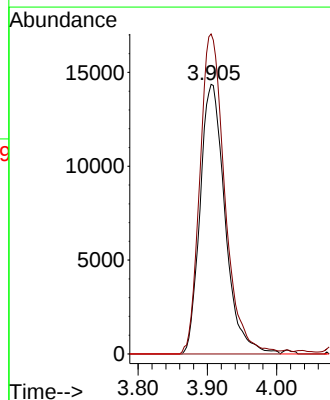
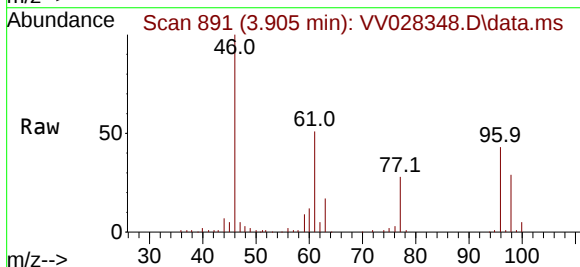
Tgt Ion: 96 Resp: 35885

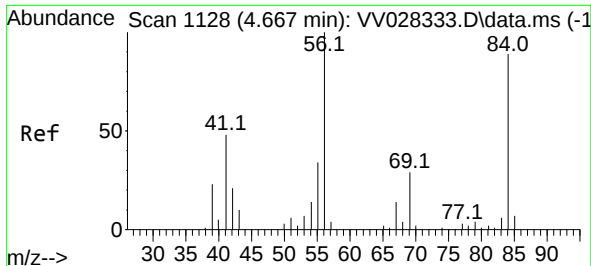
Ion Ratio Lower Upper

96 100

61 118.7 87.2 161.9

68 0.0 0.0 0.0

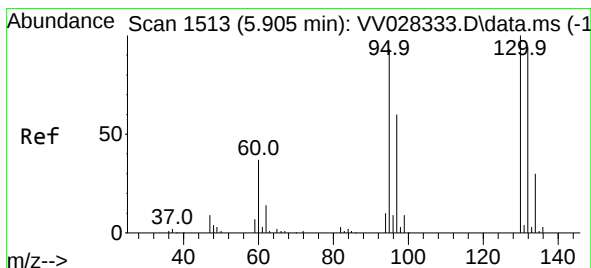
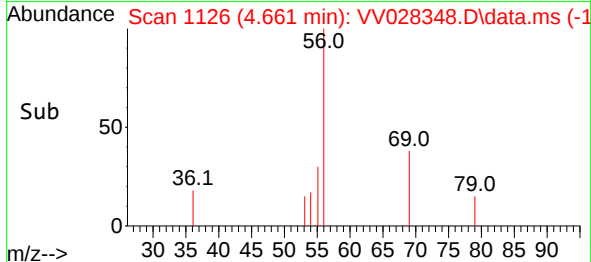
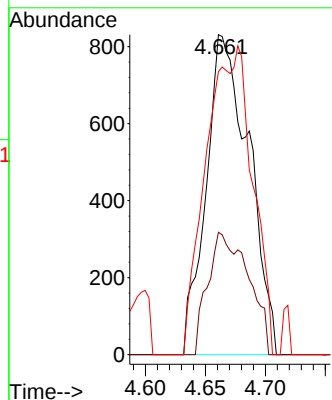
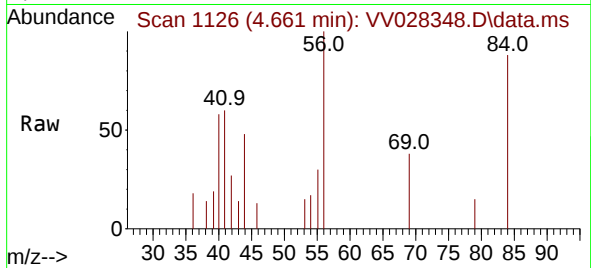




#30
Cyclohexane
Concen: 0.114 ug/L
RT: 4.661 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

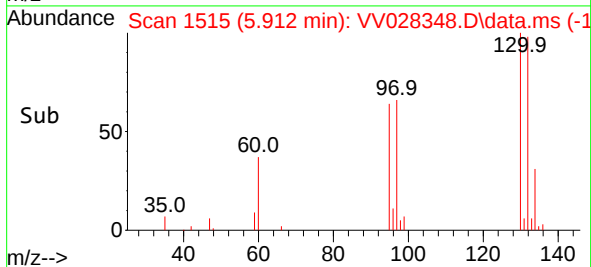
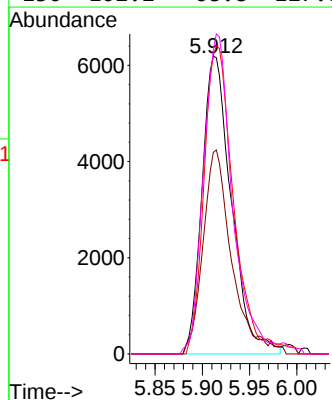
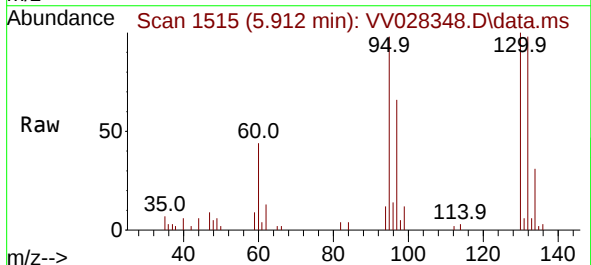
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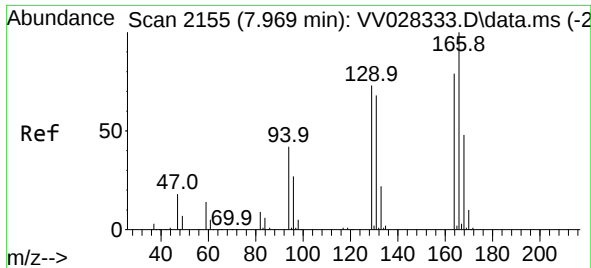
Tgt Ion: 56 Resp: 2064
Ion Ratio Lower Upper
56 100
69 36.3 23.7 35.5#
84 57.8 67.3 100.9#



#34
Trichloroethene
Concen: 1.051 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

Tgt Ion: 95 Resp: 13341
Ion Ratio Lower Upper
95 100
97 67.7 44.2 82.0
132 100.2 67.8 126.0
130 102.2 68.8 127.8



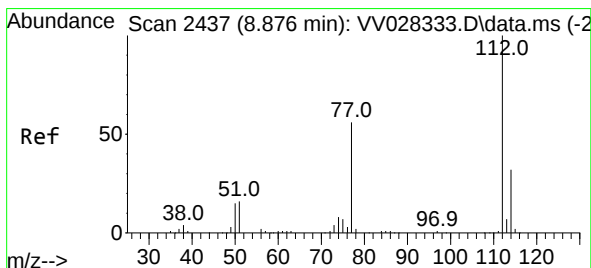
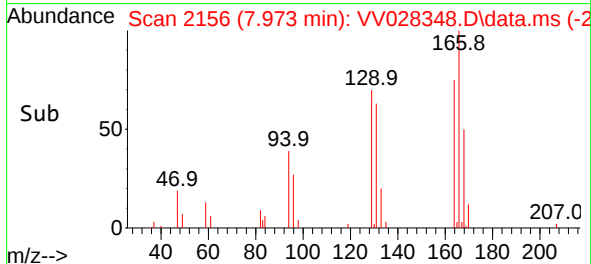
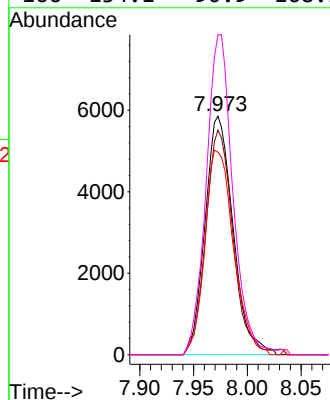
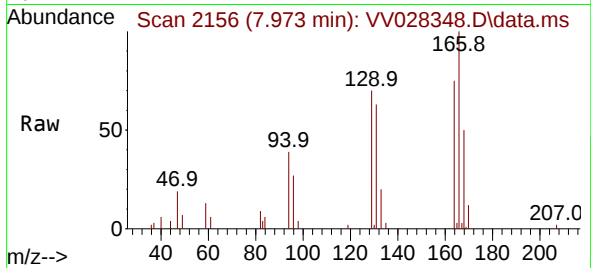


#47
Tetrachloroethene
Concen: 0.956 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.004 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

Instrument :
MSVOA_V
ClientSampleId :
EXFX3

Tgt Ion:164 Resp: 10603

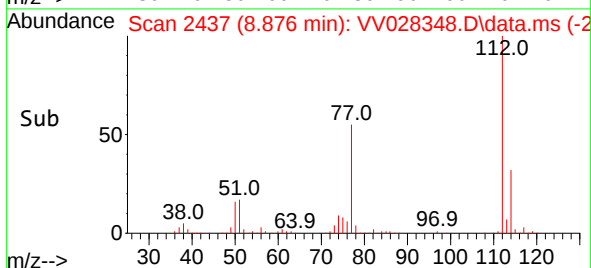
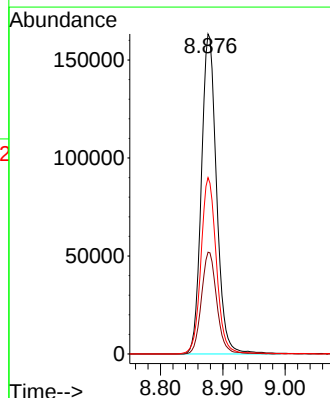
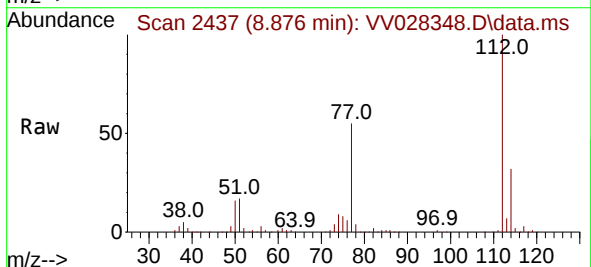
Ion	Ratio	Lower	Upper
164	100		
129	94.1	66.7	123.9
131	84.9	61.7	114.5
166	134.1	90.9	168.9

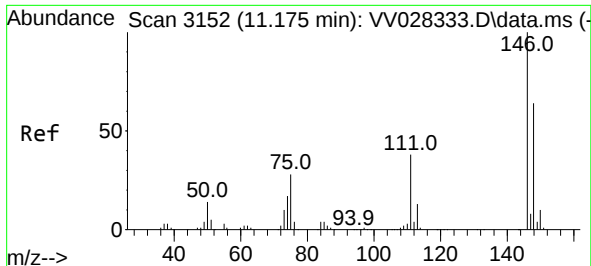


#51
Chlorobenzene
Concen: 7.796 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

Tgt Ion:112 Resp: 276476

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.7
77	55.1	46.1	69.1

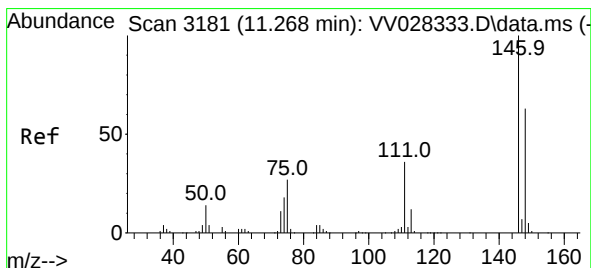
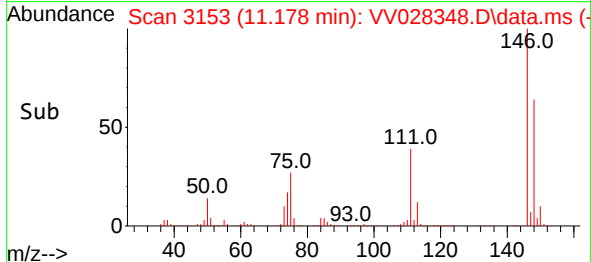
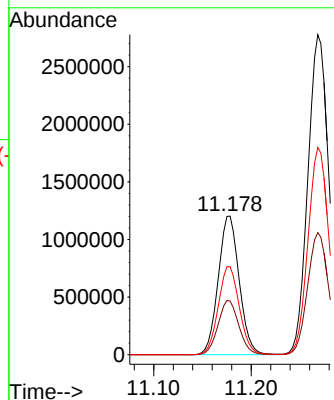
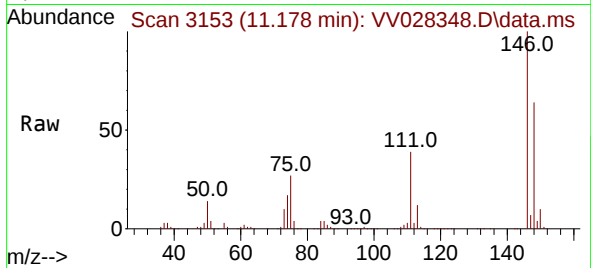




#64
1,3-Dichlorobenzene
Concen: 59.431 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

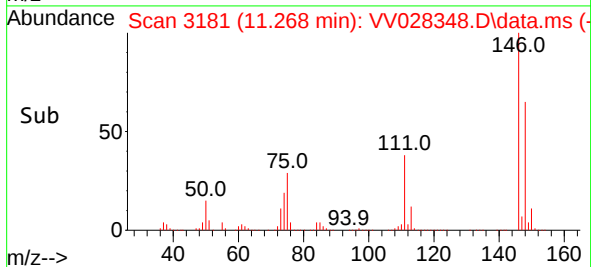
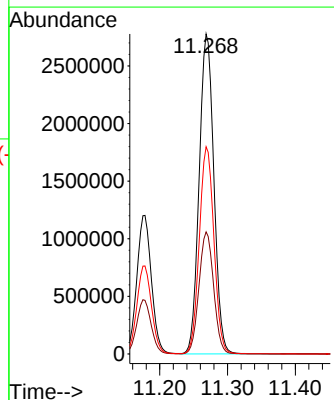
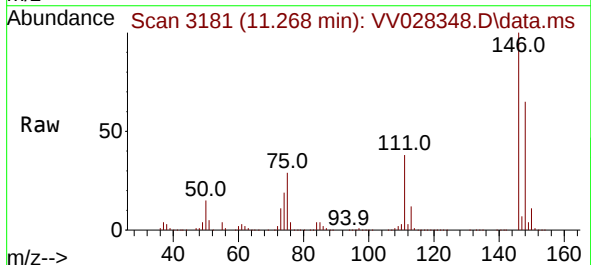
Instrument :
MSVOA_V
ClientSampleId :
EXFX3

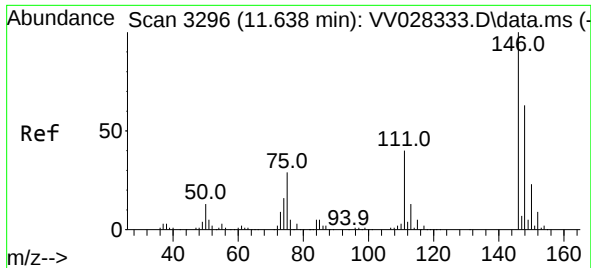
Tgt Ion:146 Resp: 1799395
Ion Ratio Lower Upper
146 100
111 38.7 27.1 50.3
148 63.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 137.705 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028348.D
Acq: 05 Oct 2022 00:34

Tgt Ion:146 Resp: 4174735
Ion Ratio Lower Upper
146 100
111 38.2 26.2 48.8
148 64.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 226.934 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV028348.D

Acq: 05 Oct 2022 00:34

Instrument :

MSVOA_V

ClientSampleId :

EXFX3

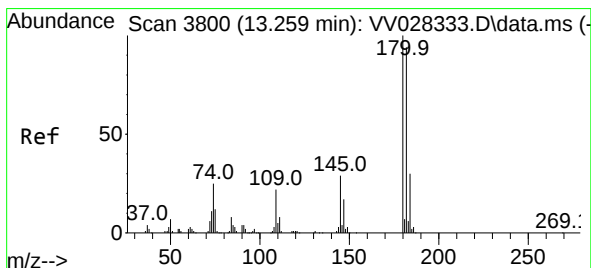
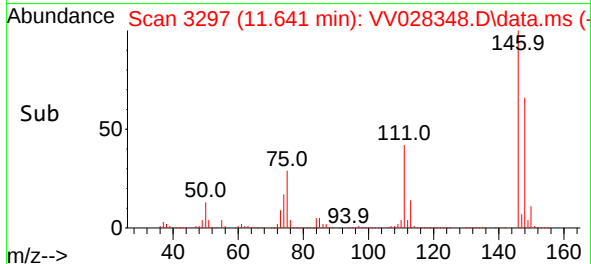
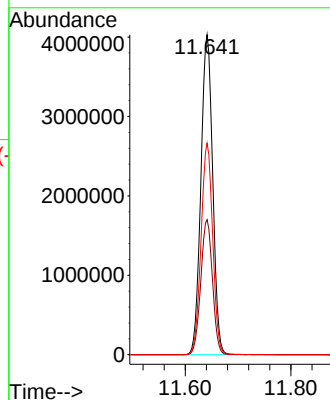
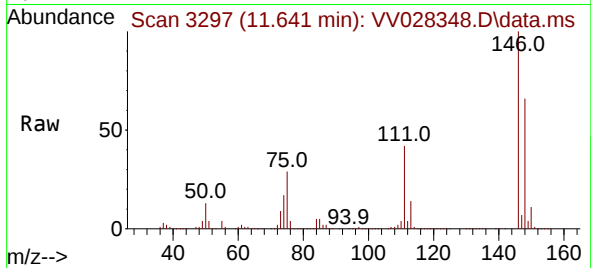
Tgt Ion:146 Resp: 6231569

Ion Ratio Lower Upper

146 100

111 42.2 32.6 49.0

148 66.1 50.1 75.1



#70

1,2,4-trichlorobenzene

Concen: 4.539 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028348.D

Acq: 05 Oct 2022 00:34

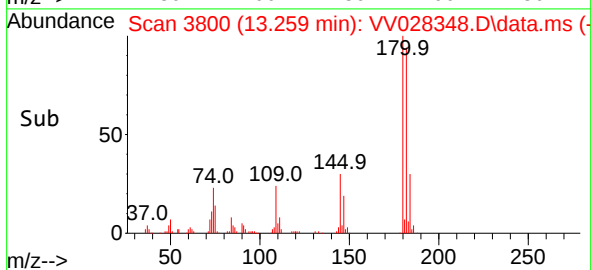
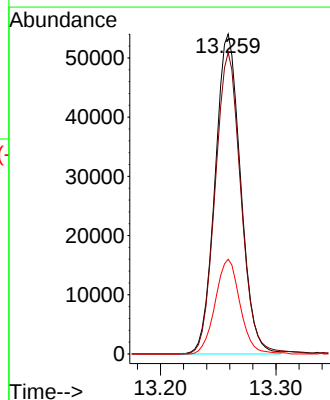
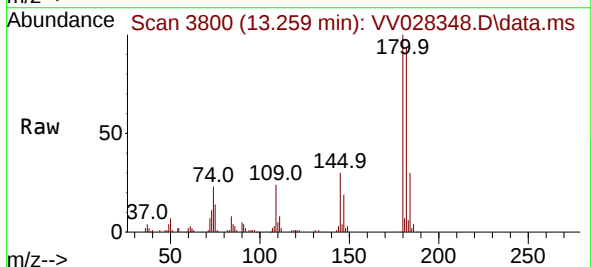
Tgt Ion:180 Resp: 82831

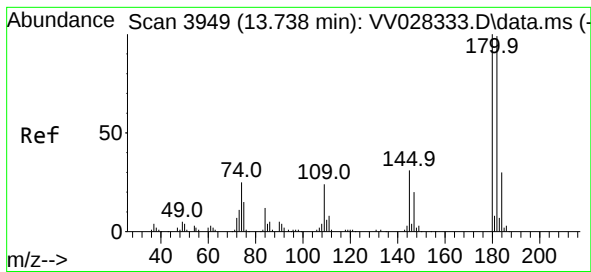
Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 28.8 22.9 34.3





#72

1,2,3-Trichlorobenzene

Concen: 2.898 ug/L

RT: 13.741 min Scan# 3949

Delta R.T. 0.000 min

Lab File: VV028348.D

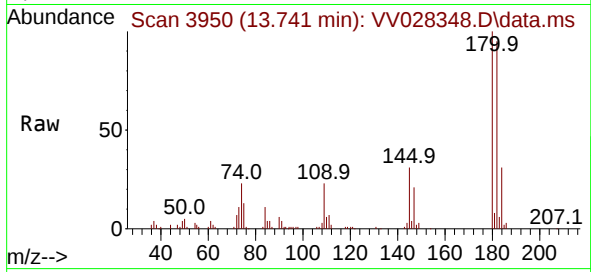
Acq: 05 Oct 2022 00:34

Instrument :

MSVOA_V

ClientSampleId :

EXFX3



Tgt Ion:180 Resp: 47684

Ion Ratio Lower Upper

180 100

182 97.2 77.4 116.0

145 31.8 24.6 36.8

