

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028374.D
 Acq On : 05 Oct 2022 17:23
 Operator : SY/MD
 Sample : N4872-09DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX3DL

Quant Time: Oct 06 02:33:44 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)

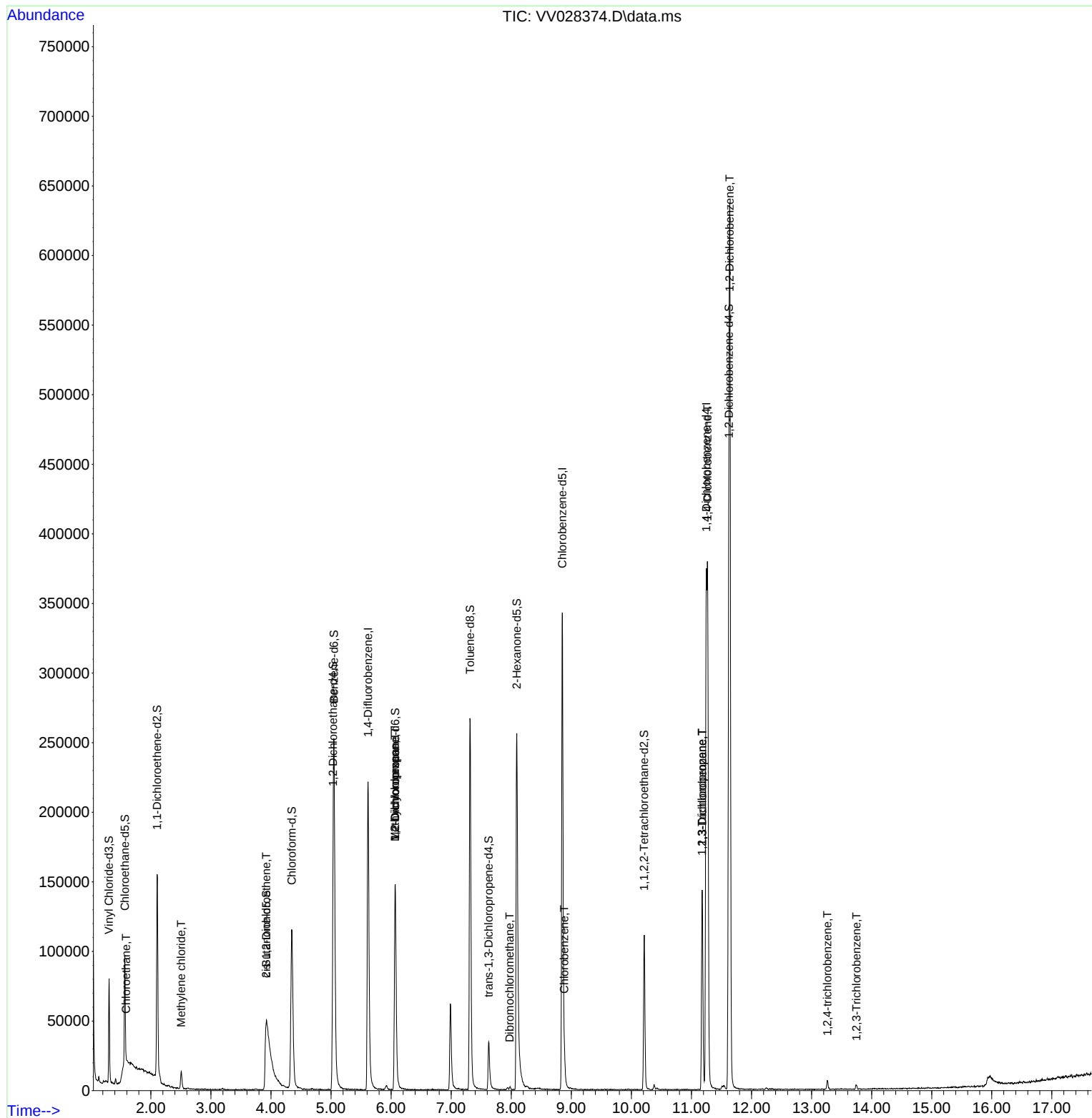
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	201376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	202089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48775	3.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.568	69	50993	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.105	63	75944	2.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	3.921	46	45620	17.819	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	35.640%#
24) Chloroform-d	4.346	84	125882	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.034	65	57681	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.050	84	239056	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.069	67	78745	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.313	98	191608	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.625	79	23079	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	108209	43.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54579	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77005	4.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.590	64	50404	4.375	ug/L #	50
16) Methylene chloride	2.506	84	5412	0.333	ug/L	88
22) cis-1,2-Dichloroethene	3.921	96	2359	0.156	ug/L	95
35) Methylcyclohexane	6.066	83	19128	0.778	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	7701	0.553	ug/L #	89
49) Dibromochloromethane	7.976	129	510	0.039	ug/L #	11
51) Chlorobenzene	8.882	112	11620	0.276	ug/L	94
61) 1,2,3-Trichloropropane	11.175	75	16586	2.225	ug/L #	50
64) 1,3-Dichlorobenzene	11.178	146	64395	2.218	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	151416	5.208	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	246206	9.349	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	2397	0.137	ug/L	94
72) 1,2,3-Trichlorobenzene	13.747	180	1175	0.074	ug/L	90

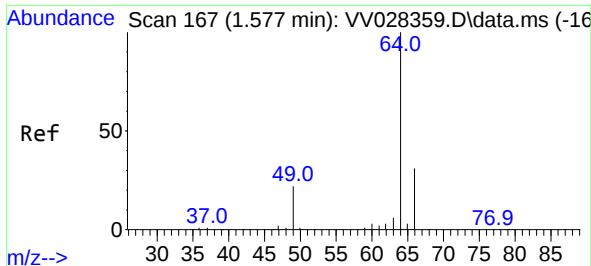
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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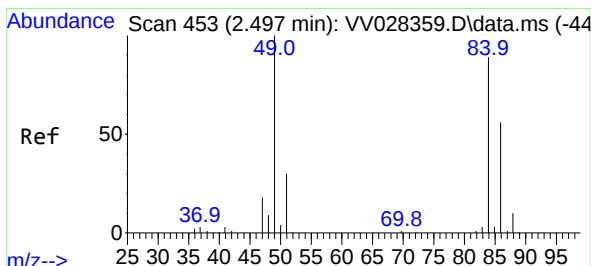
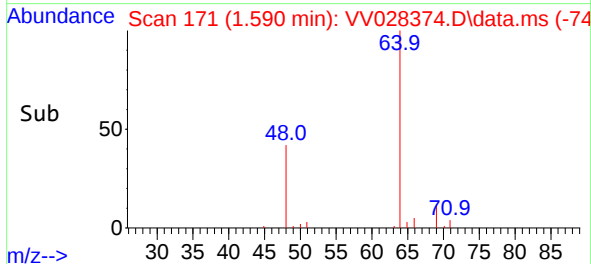
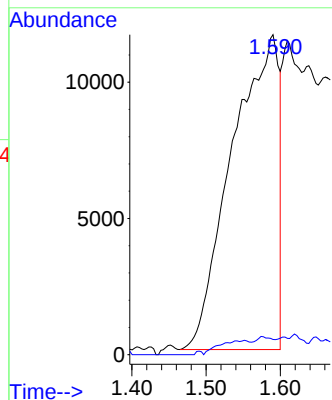
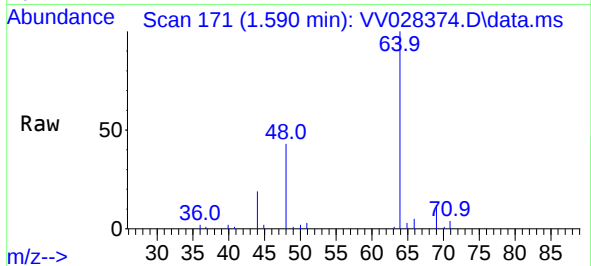




#8
Chloroethane
Concen: 4.375 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

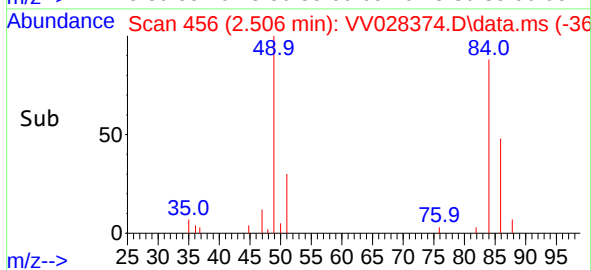
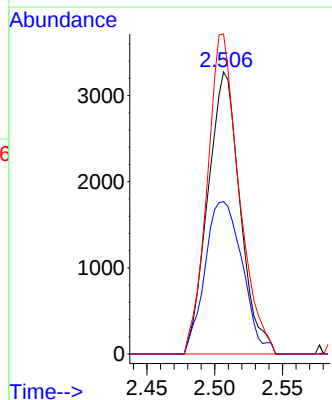
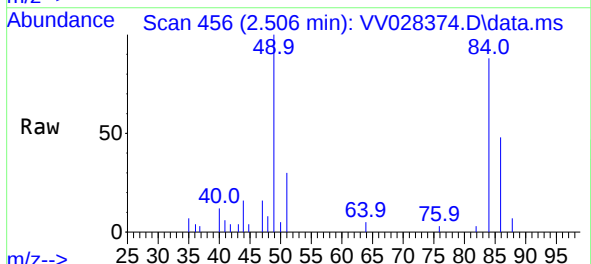
Instrument :
MSVOA_V
ClientSampleId :
EXFX3DL

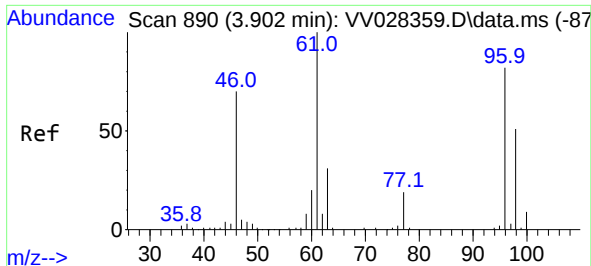
Tgt Ion: 64 Resp: 50404
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#



#16
Methylene chloride
Concen: 0.333 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

Tgt Ion: 84 Resp: 5412
Ion Ratio Lower Upper
84 100
86 54.0 46.8 86.8
49 113.4 87.5 162.5

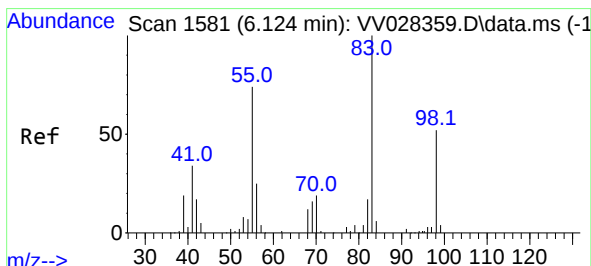
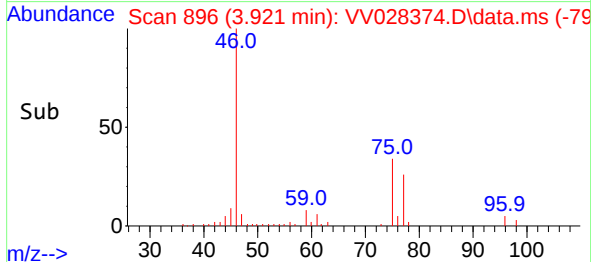
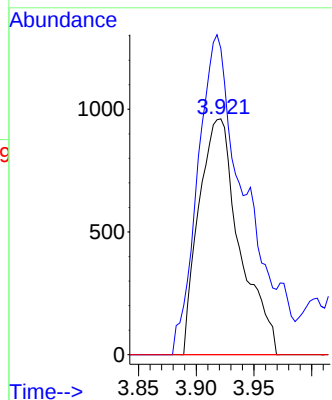
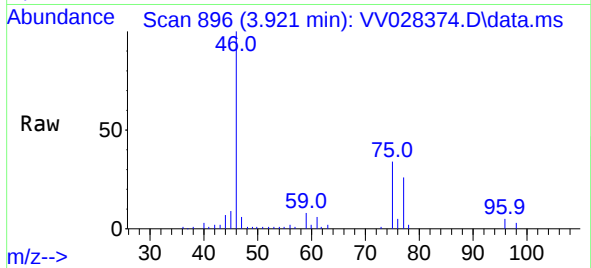




#22
cis-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.016 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

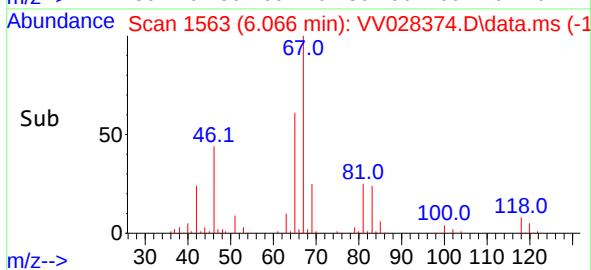
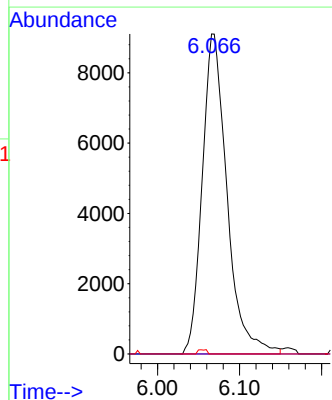
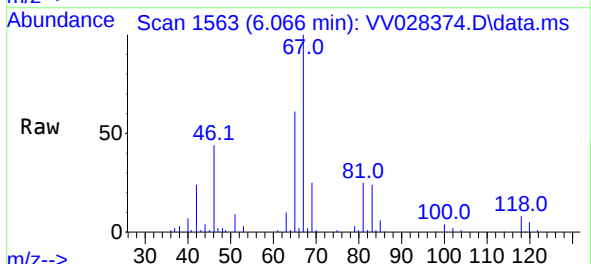
Instrument :
MSVOA_V
ClientSampleId :
EXFX3DL

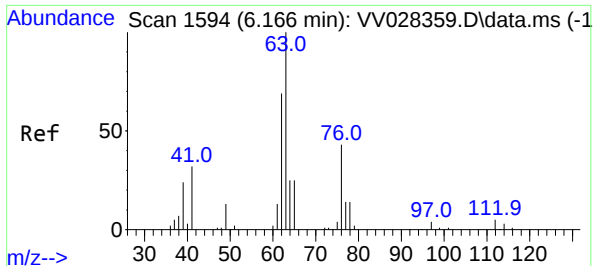
Tgt Ion: 96 Resp: 2359
Ion Ratio Lower Upper
96 100
61 129.9 87.2 161.9
68 0.0 0.0 0.0



#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

Tgt Ion: 83 Resp: 19128
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.5 39.5 59.3#

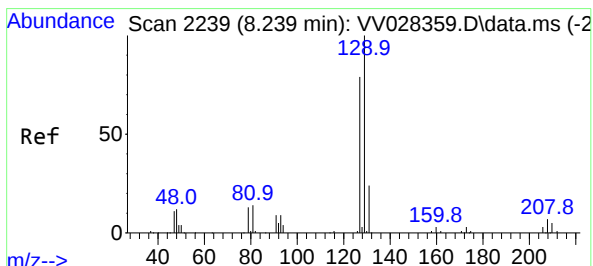
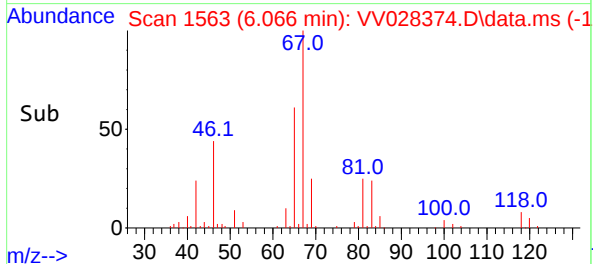
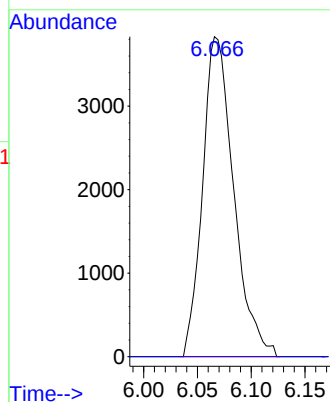
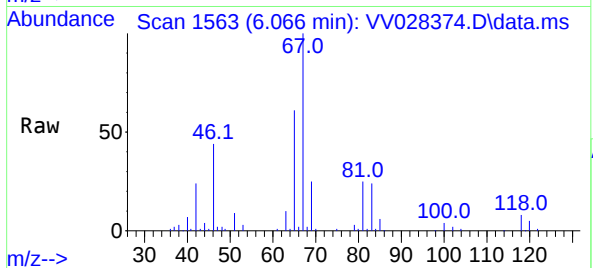




#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

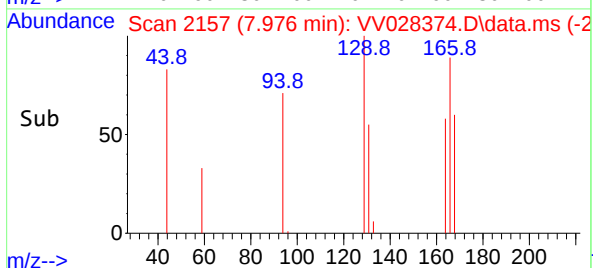
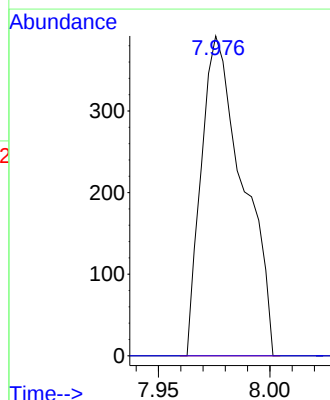
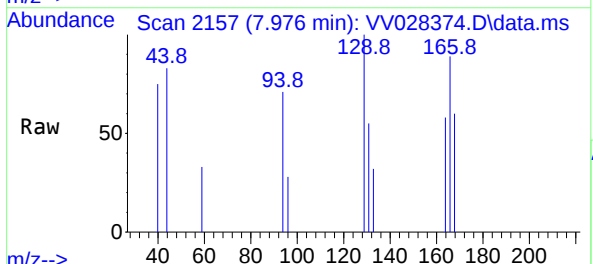
Instrument :
MSVOA_V
ClientSampleId :
EXFX3DL

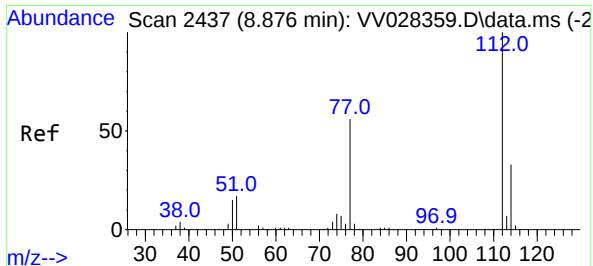
Tgt Ion: 63 Resp: 7701
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



#49
Dibromochloromethane
Concen: 0.039 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

Tgt Ion: 129 Resp: 510
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#





#51

Chlorobenzene

Concen: 0.276 ug/L

RT: 8.882 min Scan# 24

Delta R.T. 0.003 min

Lab File: VV028374.D

Acq: 05 Oct 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

EXFX3DL

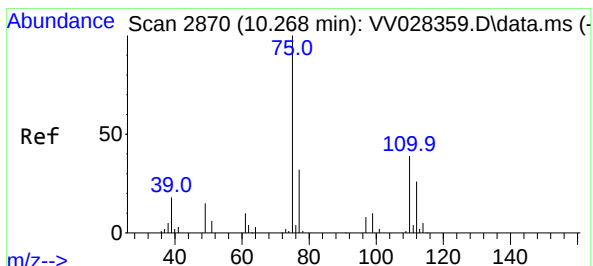
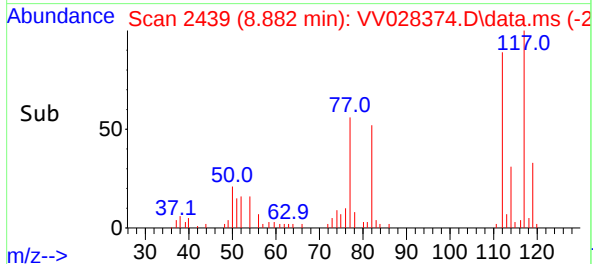
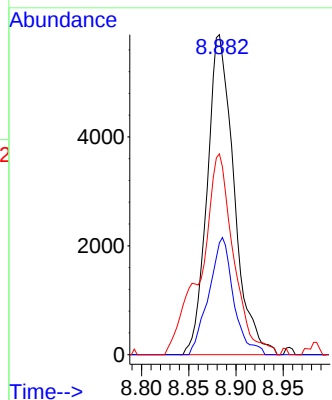
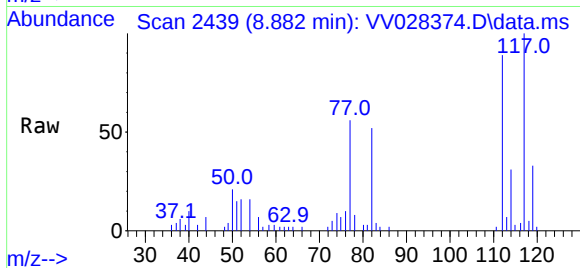
Tgt Ion:112 Resp: 11620

Ion Ratio Lower Upper

112 100

114 35.0 22.5 41.7

77 62.8 46.1 69.1



#61

1,2,3-Trichloropropane

Concen: 2.225 ug/L

RT: 11.175 min Scan# 3152

Delta R.T. 0.904 min

Lab File: VV028374.D

Acq: 05 Oct 2022 17:23

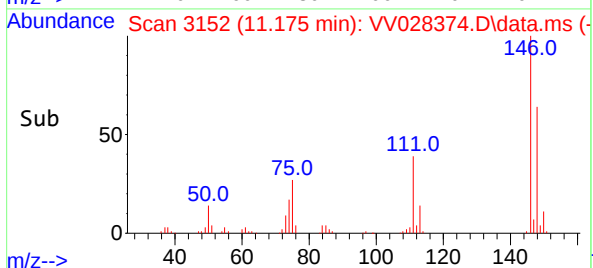
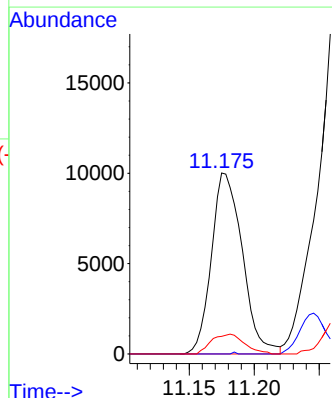
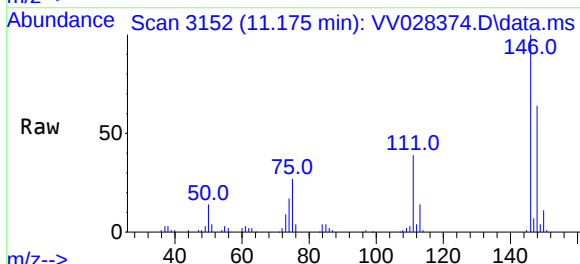
Tgt Ion: 75 Resp: 16586

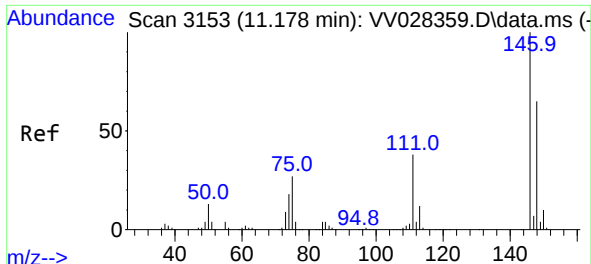
Ion Ratio Lower Upper

75 100

77 0.0 26.7 40.1#

110 11.7 30.1 45.1#

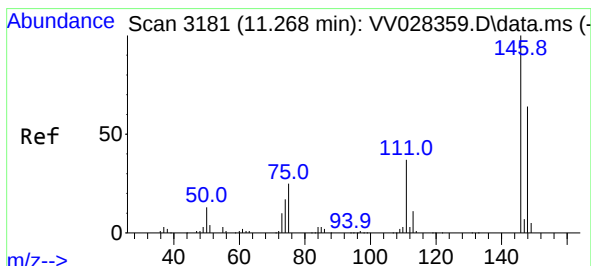
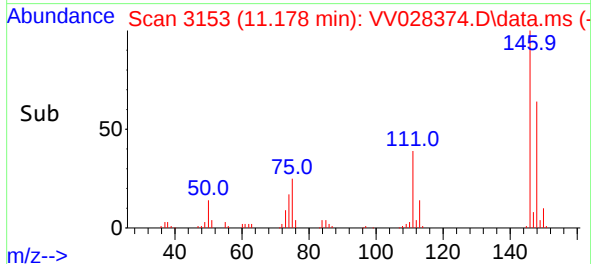
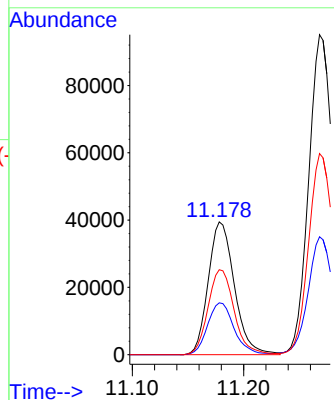
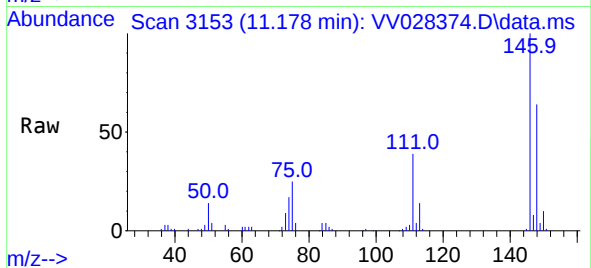




#64
1,3-Dichlorobenzene
Concen: 2.218 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

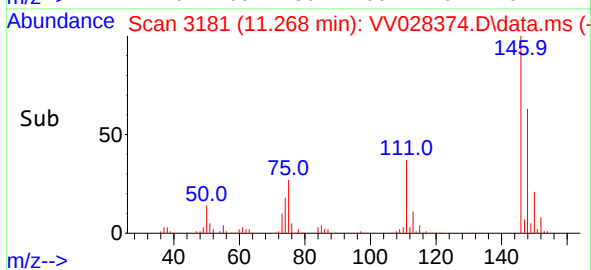
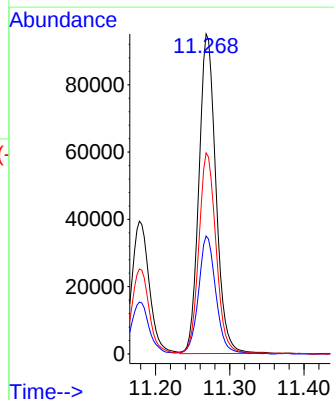
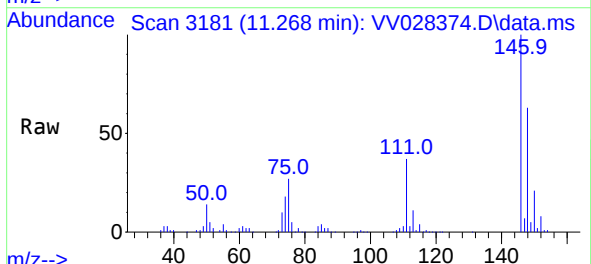
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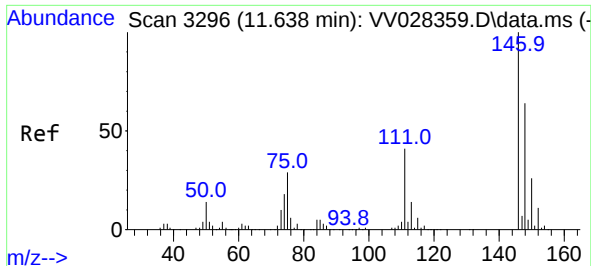
Tgt Ion:146 Resp: 64395
Ion Ratio Lower Upper
146 100
111 39.0 27.1 50.3
148 64.0 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

Tgt Ion:146 Resp: 151416
Ion Ratio Lower Upper
146 100
111 36.8 26.2 48.8
148 62.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 9.349 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028374.D

Acq: 05 Oct 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

EXFX3DL

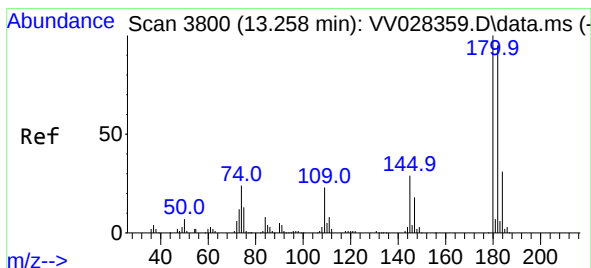
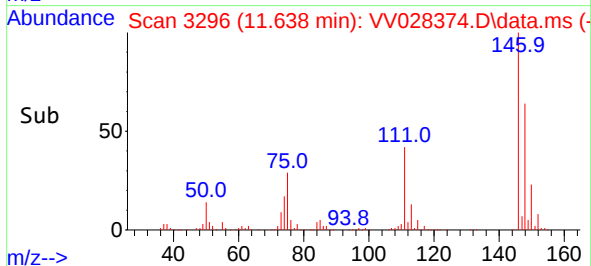
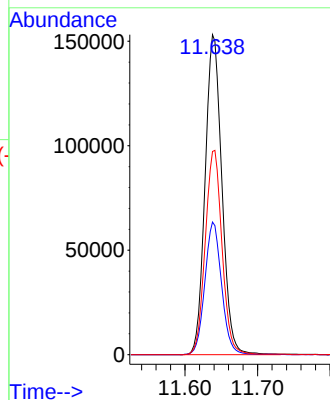
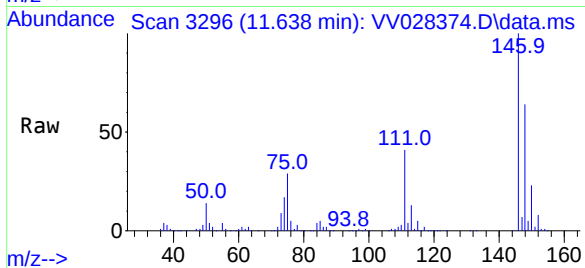
Tgt Ion:146 Resp: 246206

Ion Ratio Lower Upper

146 100

111 41.5 32.6 49.0

148 63.5 50.1 75.1



#70

1,2,4-trichlorobenzene

Concen: 0.137 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV028374.D

Acq: 05 Oct 2022 17:23

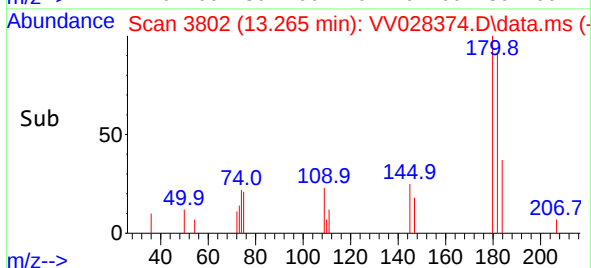
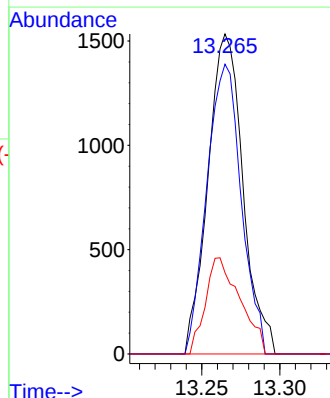
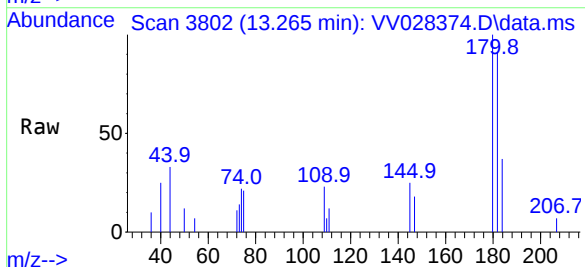
Tgt Ion:180 Resp: 2397

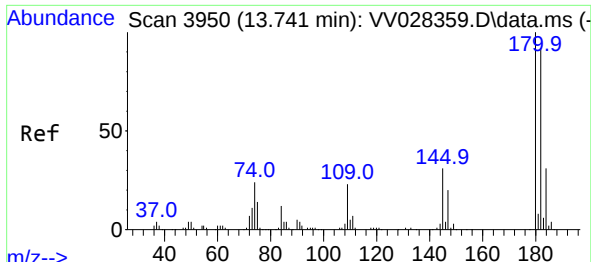
Ion Ratio Lower Upper

180 100

182 88.8 76.3 114.5

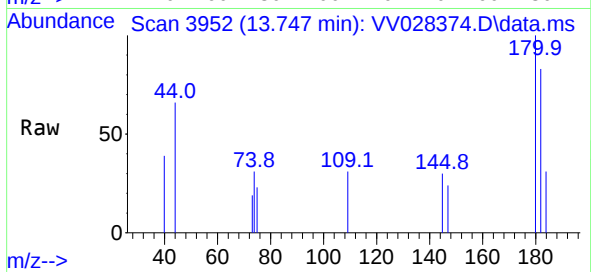
145 29.7 22.9 34.3





#72
1,2,3-Trichlorobenzene
Concen: 0.074 ug/L
RT: 13.747 min Scan# 3950
Delta R.T. 0.006 min
Lab File: VV028374.D
Acq: 05 Oct 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :
EXFX3DL



Tgt Ion:180 Resp: 1175

Ion	Ratio	Lower	Upper
180	100		
182	108.3	77.4	116.0
145	34.2	24.6	36.8

