

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028382.D
 Acq On : 05 Oct 2022 20:58
 Operator : SY/MD
 Sample : N4872-12DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX6DL

Quant Time: Oct 06 02:34:54 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)

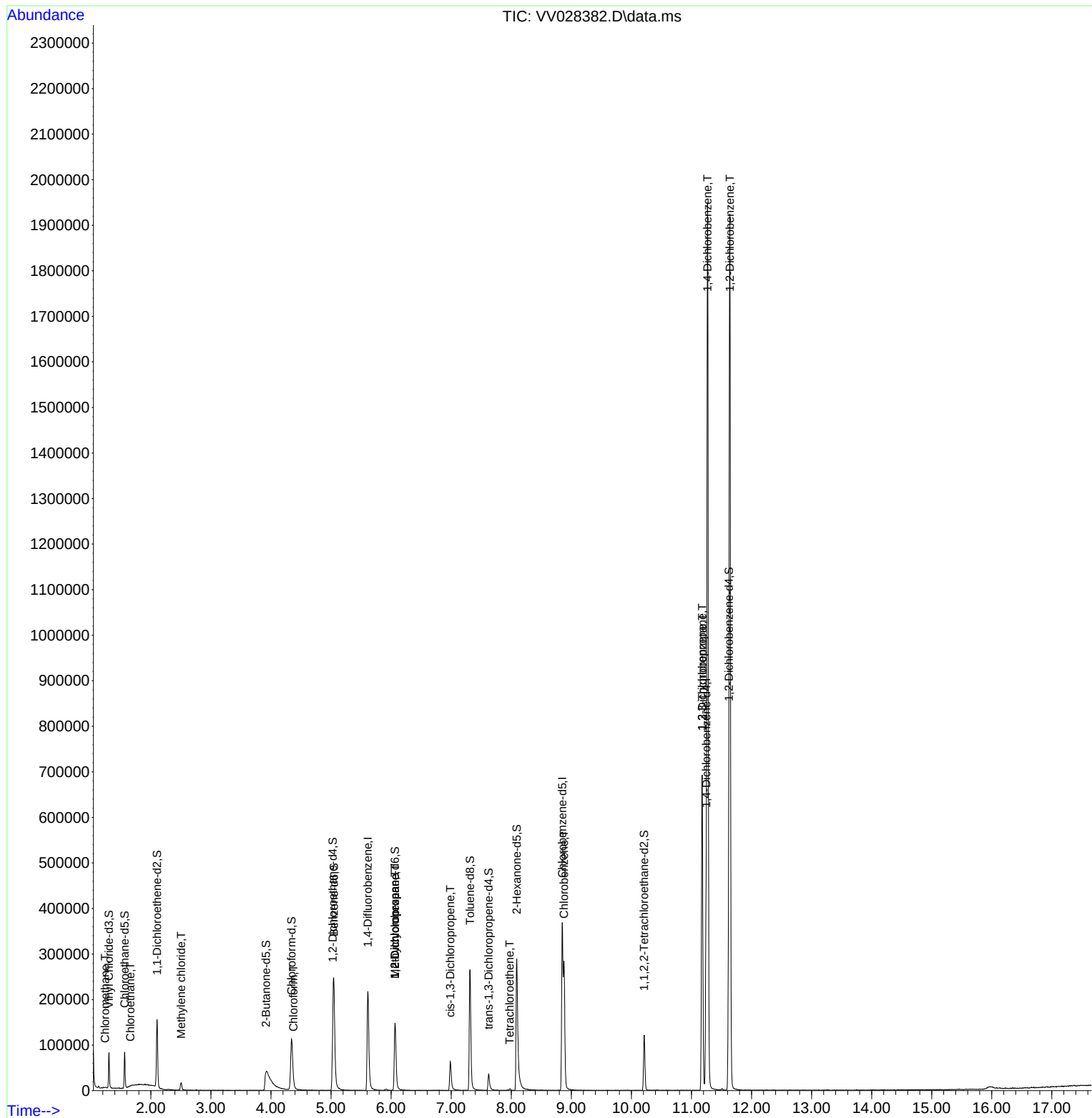
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	204297	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	110063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50347	3.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.564	69	49970	3.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.101	63	74737	2.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.600%#
20) 2-Butanone-d5	3.918	46	35892	13.819	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.640%#
24) Chloroform-d	4.342	84	122107	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.030	65	61086	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	233368	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.066	67	77505	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.313	98	188176	3.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.625	79	23208	3.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.091	63	122543	48.357	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61238	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	85521	4.515	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	586	0.038	ug/L #	40
8) Chloroethane	1.658	64	11737	1.004	ug/L #	56
16) Methylene chloride	2.503	84	7729	0.469	ug/L	84
25) Chloroform	4.375	83	5039	0.177	ug/L	96
35) Methylcyclohexane	6.066	83	19665	0.782	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7784	0.547	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1453	0.071	ug/L #	57
47) Tetrachloroethene	7.976	164	838	0.062	ug/L #	75
51) Chlorobenzene	8.879	112	157204	3.653	ug/L	97
61) 1,2,3-Trichloropropane	11.178	75	76939	9.060	ug/L #	50
64) 1,3-Dichlorobenzene	11.178	146	292512	8.841	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	795377	24.009	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	762904	25.425	ug/L	99

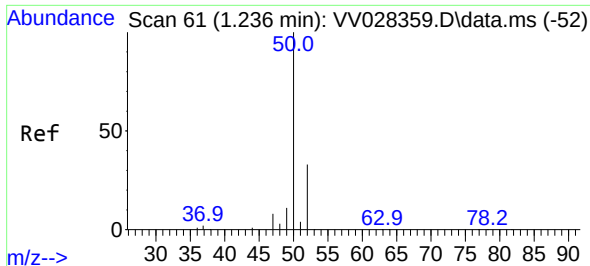
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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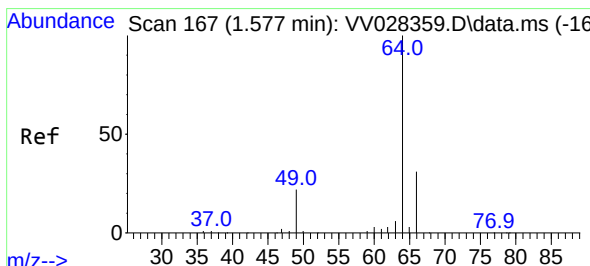
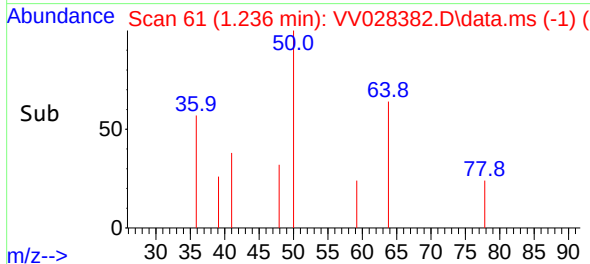
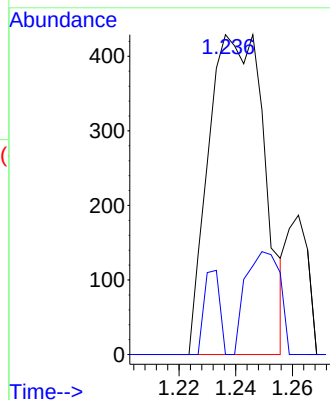
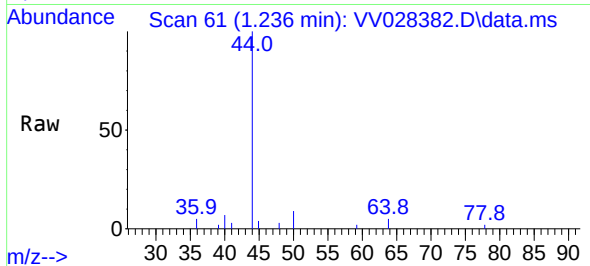




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

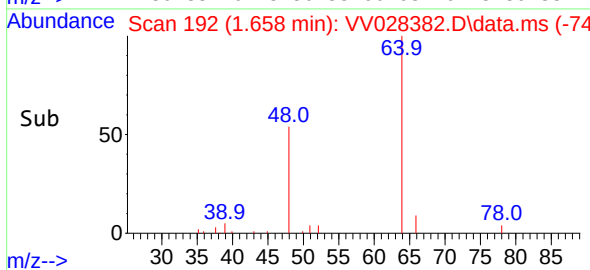
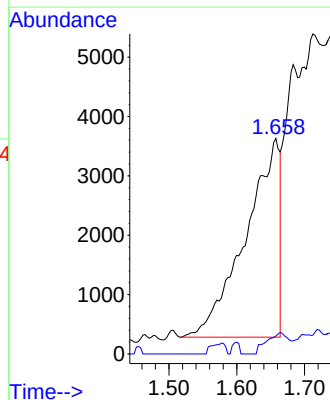
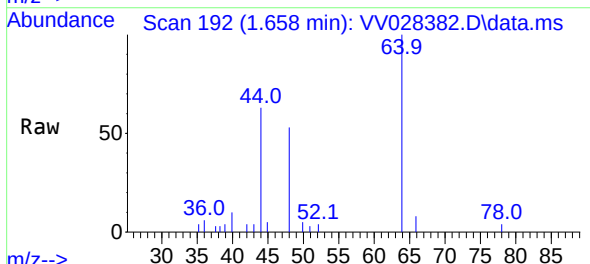
Instrument :
MSVOA_V
ClientSampleId :
EXFX6DL

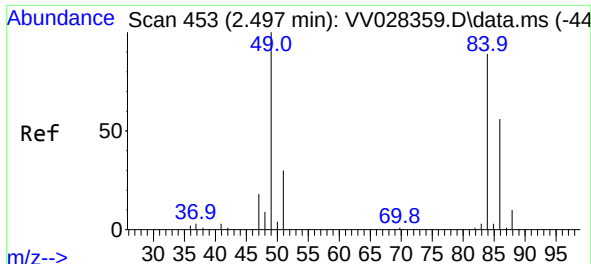
Tgt Ion: 50 Resp: 586
Ion Ratio Lower Upper
50 100
52 0.0 24.4 45.2#



#8
Chloroethane
Concen: 1.004 ug/L
RT: 1.658 min Scan# 192
Delta R.T. 0.080 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

Tgt Ion: 64 Resp: 11737
Ion Ratio Lower Upper
64 100
66 8.3 23.0 42.8#

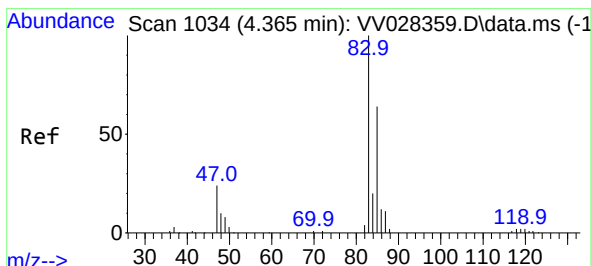
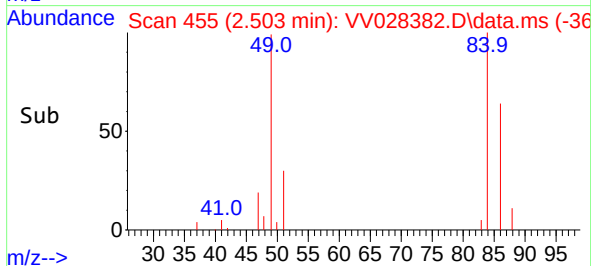
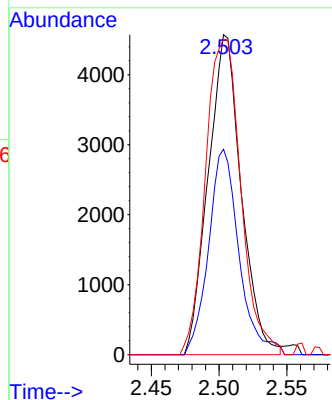
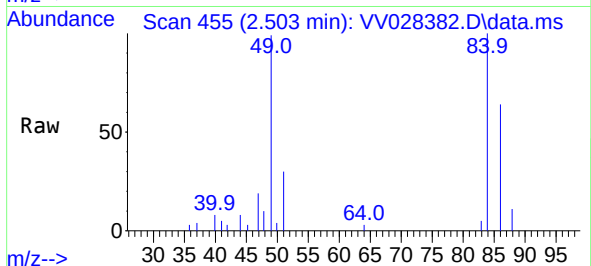




#16
Methylene chloride
Concen: 0.469 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

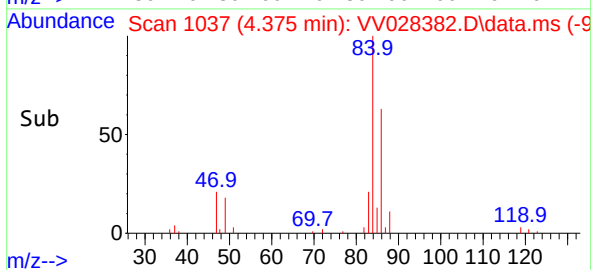
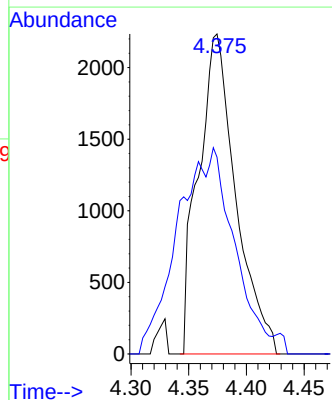
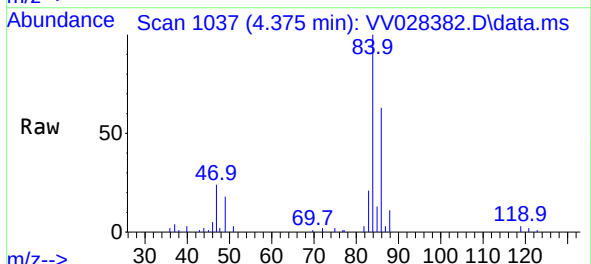
Instrument :
MSVOA_V
ClientSampleId :
EXFX6DL

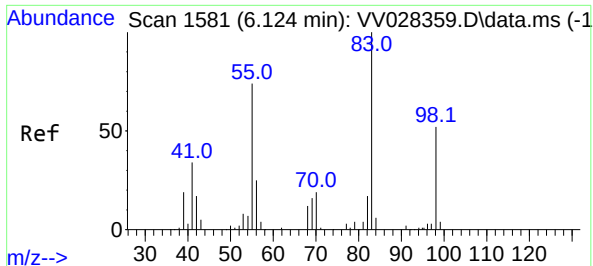
Tgt Ion: 84 Resp: 7729
Ion Ratio Lower Upper
84 100
86 64.2 46.8 86.8
49 98.6 87.5 162.5



#25
Chloroform
Concen: 0.177 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

Tgt Ion: 83 Resp: 5039
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7





#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028382.D

Acq: 05 Oct 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

EXFX6DL

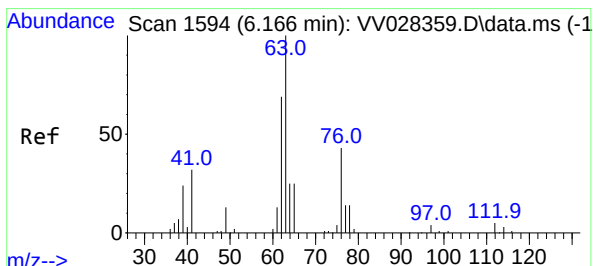
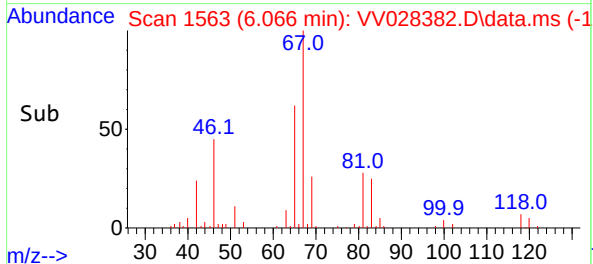
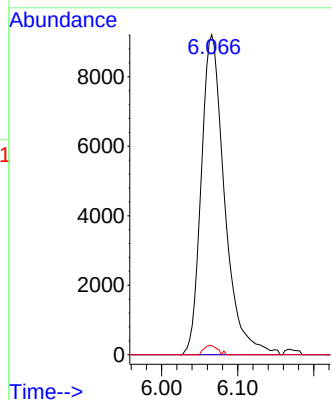
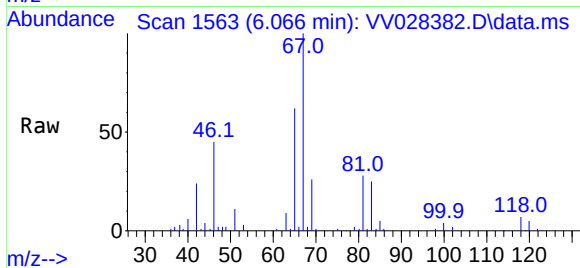
Tgt Ion: 83 Resp: 19665

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.7 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028382.D

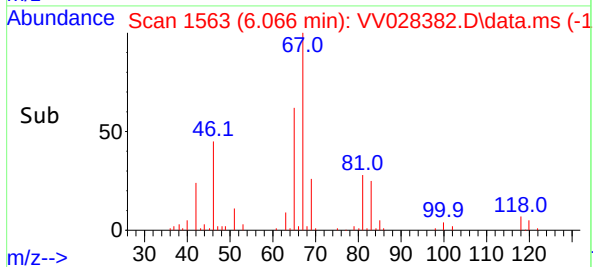
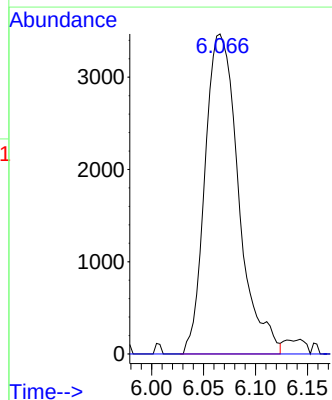
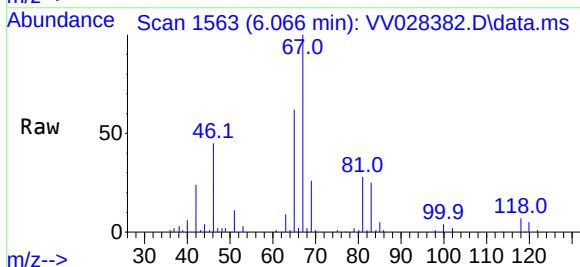
Acq: 05 Oct 2022 20:58

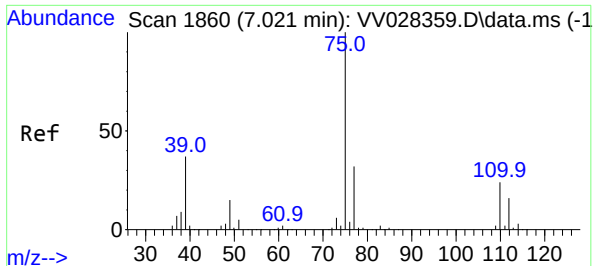
Tgt Ion: 63 Resp: 7784

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028382.D

Acq: 05 Oct 2022 20:58

Instrument :

MSVOA_V

ClientSampleId :

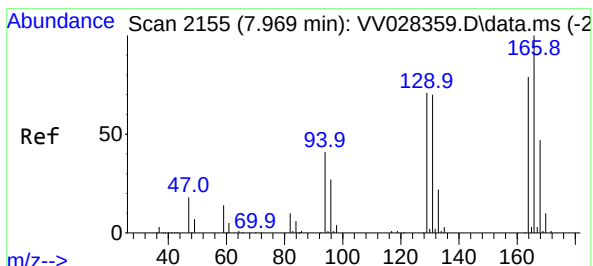
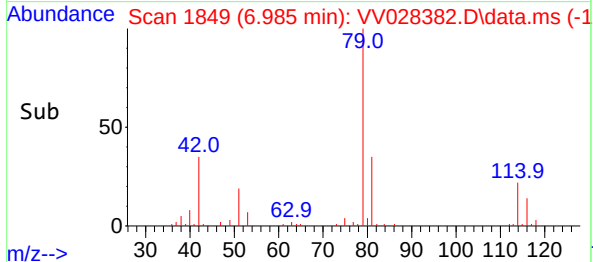
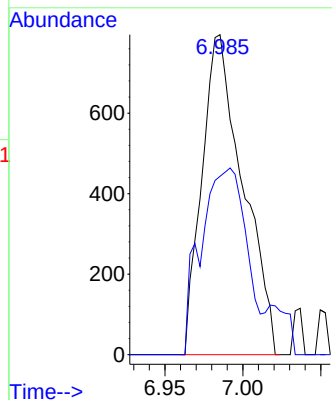
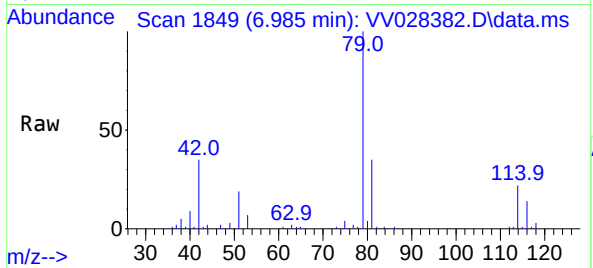
EXFX6DL

Tgt Ion: 75 Resp: 1453

Ion Ratio Lower Upper

75 100

77 55.7 22.4 41.6#



#47

Tetrachloroethene

Concen: 0.062 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV028382.D

Acq: 05 Oct 2022 20:58

Tgt Ion: 164 Resp: 838

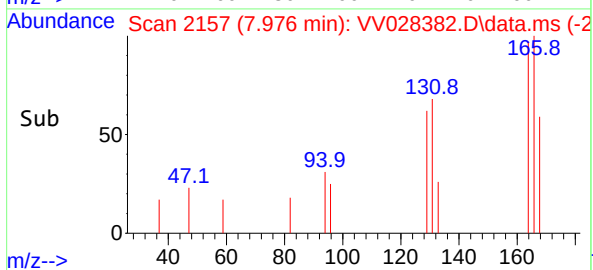
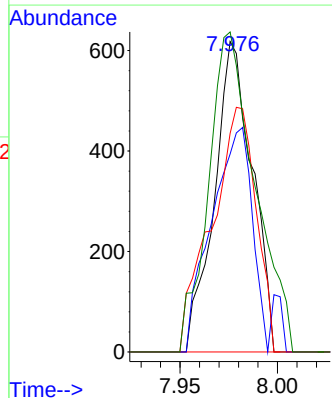
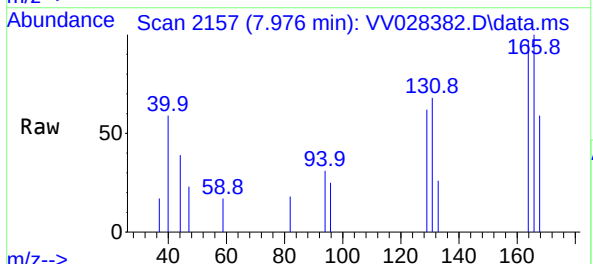
Ion Ratio Lower Upper

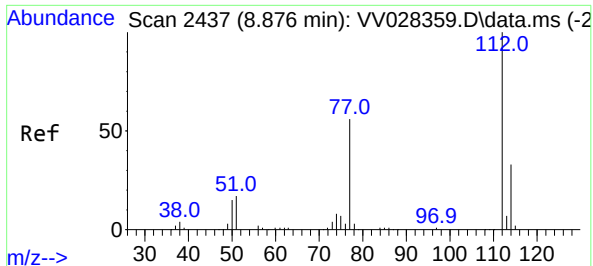
164 100

129 63.8 66.7 123.9#

131 70.4 61.7 114.5

166 103.1 90.9 168.9

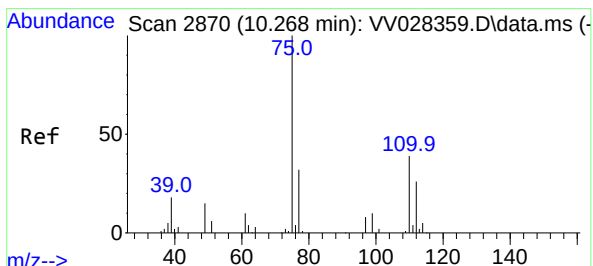
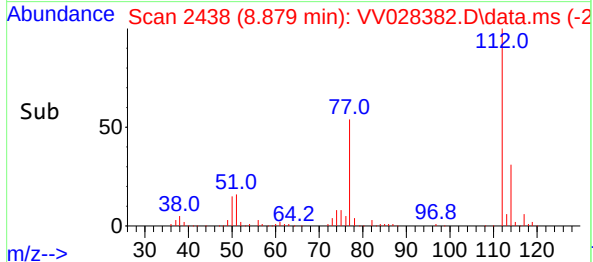
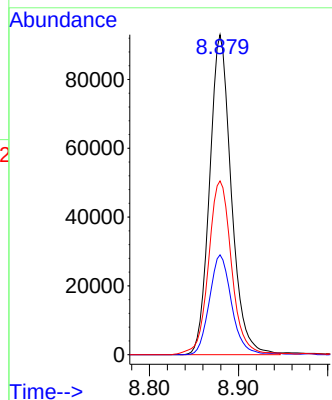
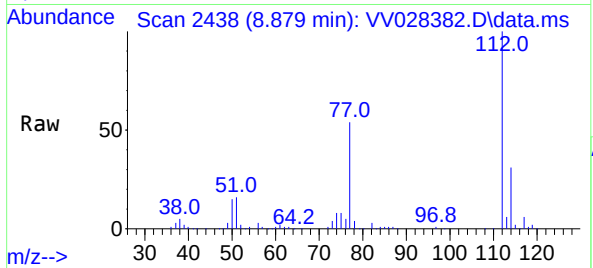




#51
Chlorobenzene
Concen: 3.653 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

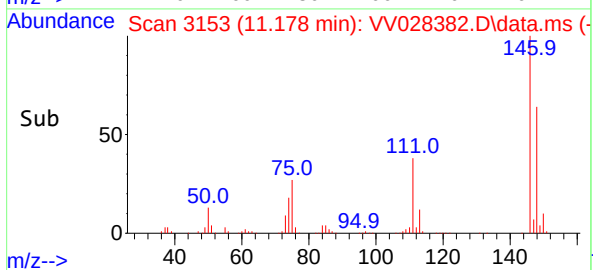
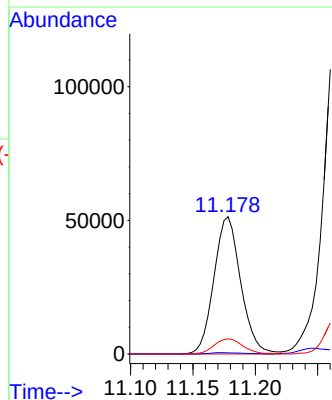
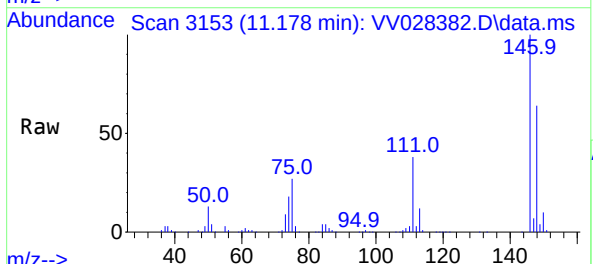
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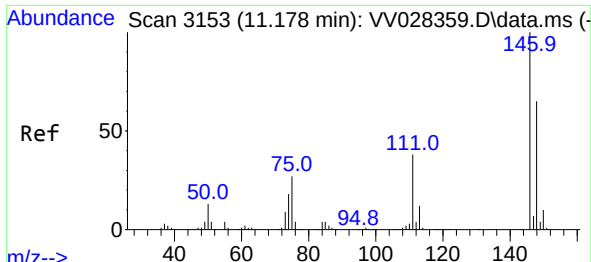
Tgt Ion:112 Resp: 157204
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 54.3 46.1 69.1



#61
1,2,3-Trichloropropane
Concen: 9.060 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

Tgt Ion: 75 Resp: 76939
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 11.8 30.1 45.1#

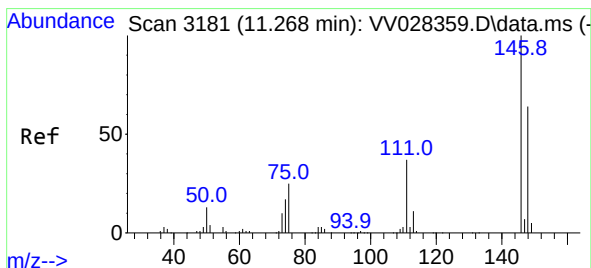
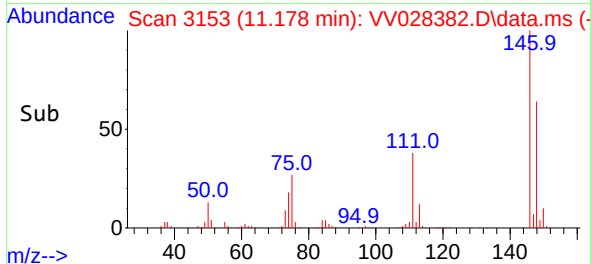
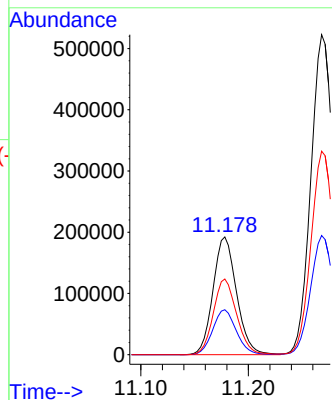
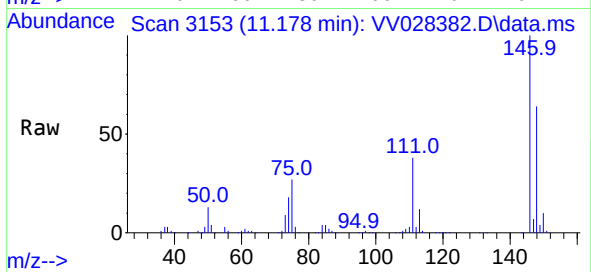




#64
1,3-Dichlorobenzene
Concen: 8.841 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

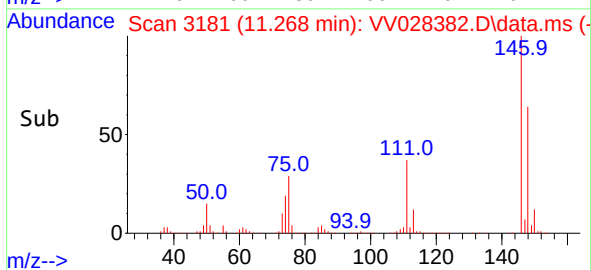
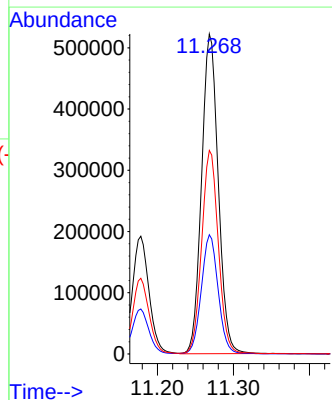
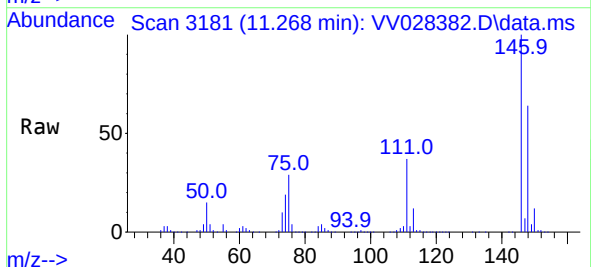
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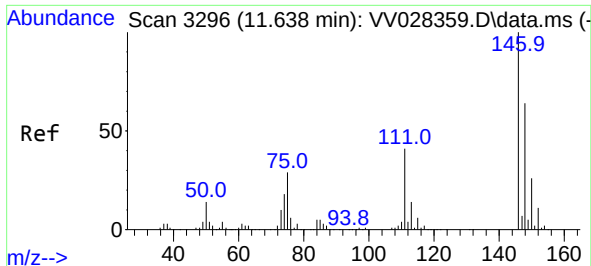
Tgt Ion:146 Resp: 292512
Ion Ratio Lower Upper
146 100
111 38.1 27.1 50.3
148 64.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.009 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028382.D
Acq: 05 Oct 2022 20:58

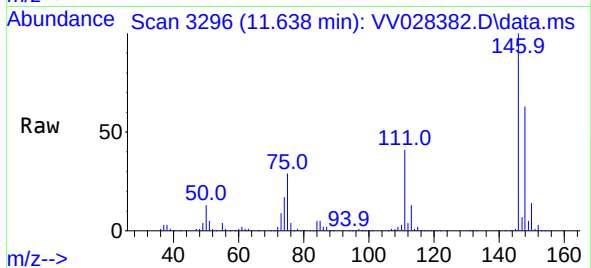
Tgt Ion:146 Resp: 795377
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 63.6 45.8 85.2





#67
 1,2-Dichlorobenzene
 Concen: 25.425 ug/L
 RT: 11.638 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV028382.D
 Acq: 05 Oct 2022 20:58

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX6DL



Tgt Ion:146 Resp: 762904
 Ion Ratio Lower Upper
 146 100
 111 40.8 32.6 49.0
 148 63.5 50.1 75.1

