

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028378.D
 Acq On : 05 Oct 2022 19:22
 Operator : SY/MD
 Sample : N4872-05DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFW9DL

Quant Time: Oct 06 02:34:24 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	201910	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	202657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51344	3.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.565	69	53081	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.105	63	78546	2.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.918	46	141132	54.981	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.960%
24) Chloroform-d	4.343	84	129076	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.031	65	61663	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.047	84	246219	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.066	67	80515	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.314	98	200279	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.622	79	25383	4.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.088	63	129882	52.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62762	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	86193	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
6) Bromomethane	1.520	94	563	0.068	ug/L #	68
8) Chloroethane	1.632	64	14219	1.231	ug/L #	49
16) Methylene chloride	2.503	84	3791	0.233	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	1620	0.107	ug/L	89
25) Chloroform	4.365	83	3934	0.140	ug/L	79
35) Methylcyclohexane	6.066	83	19723	0.800	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8831	0.632	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1802	0.090	ug/L	85
44) trans-1,3-Dichloropropene	7.616	75	1240	0.073	ug/L #	71
47) Tetrachloroethene	7.976	164	2049	0.155	ug/L	91
49) Dibromochloromethane	7.976	129	2098	0.160	ug/L #	11
51) Chlorobenzene	8.879	112	28843	0.683	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	35018	4.431	ug/L #	50
64) 1,3-Dichlorobenzene	11.178	146	133159	4.325	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	372838	12.093	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	488049	17.476	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	37778	2.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	19565	1.169	ug/L	98

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Quant Time: Oct 06 02:34:24 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

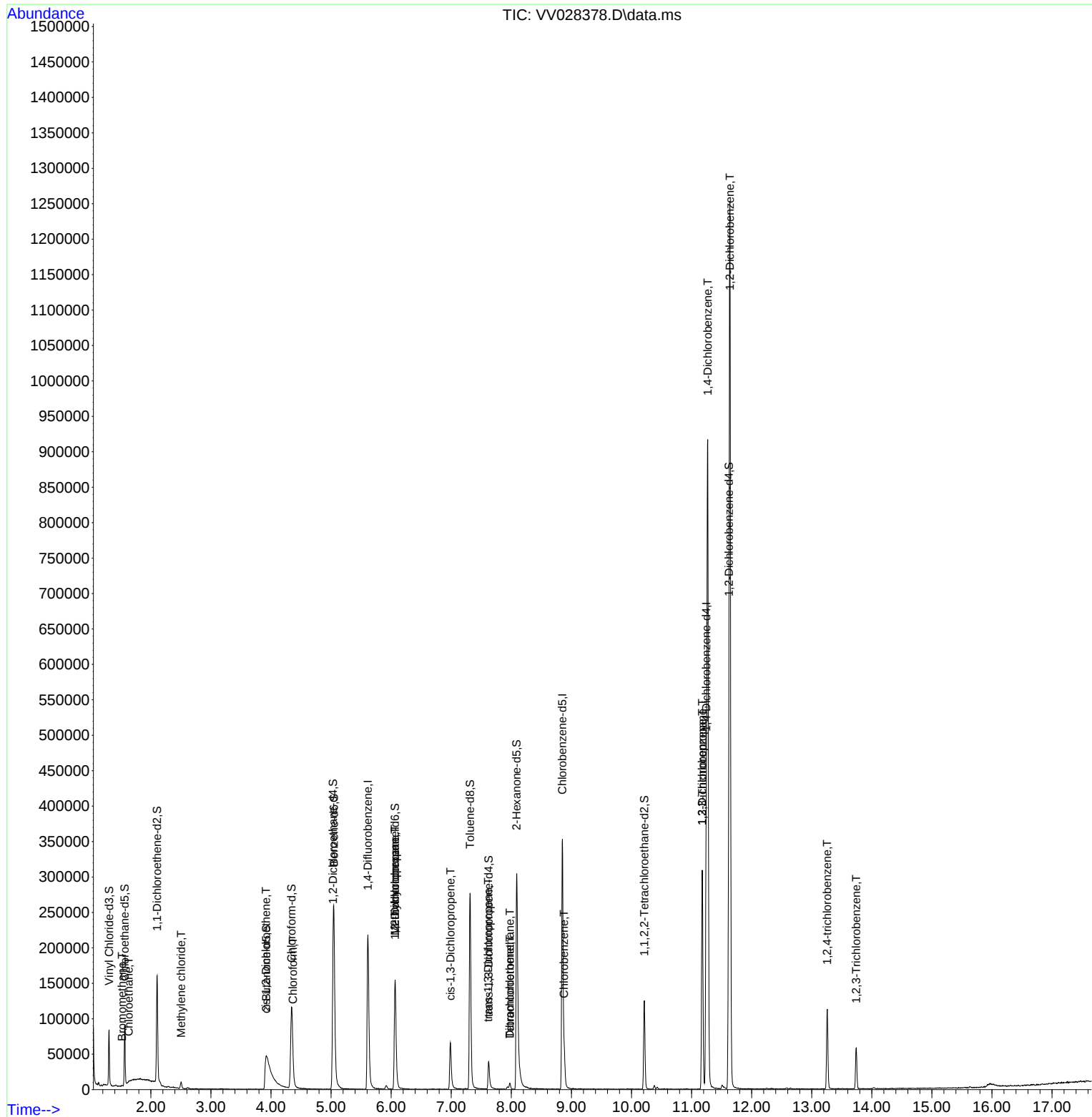
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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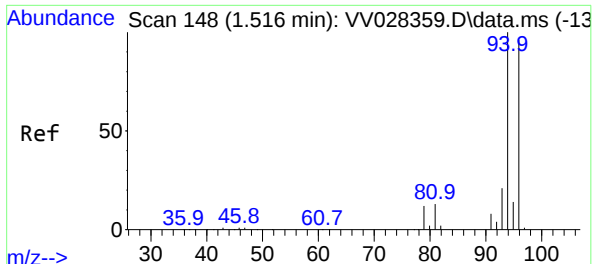
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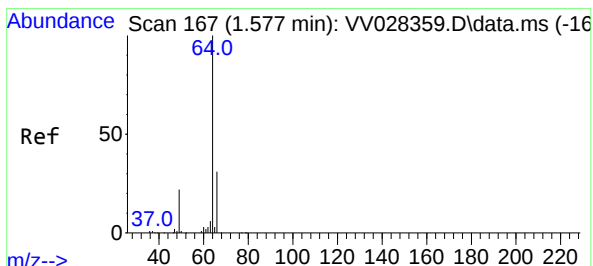
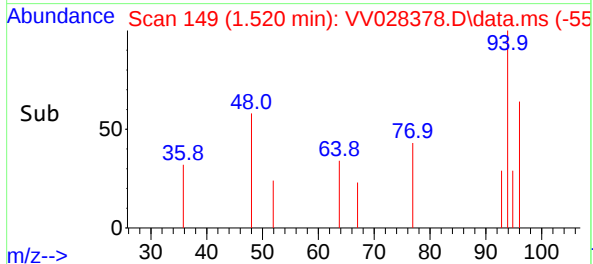
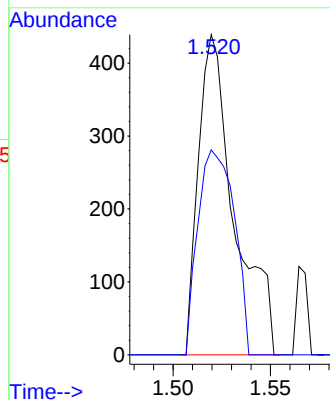
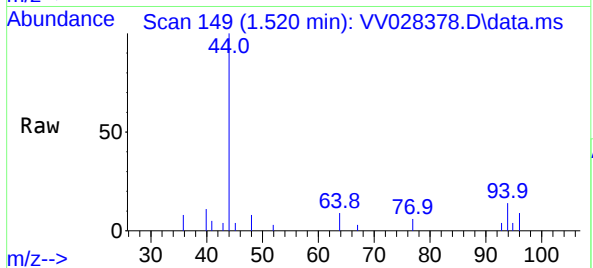




#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.520 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

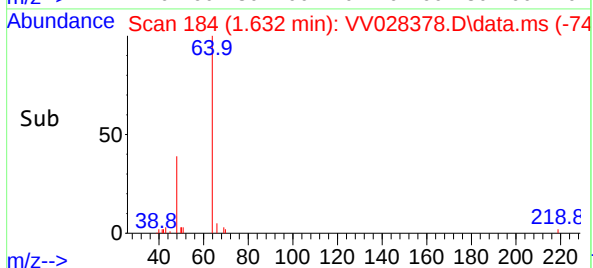
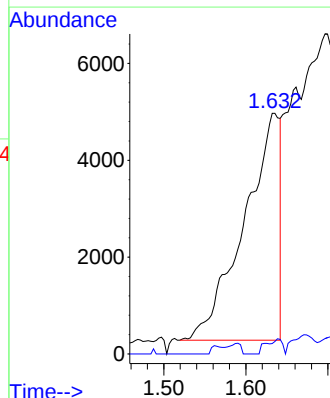
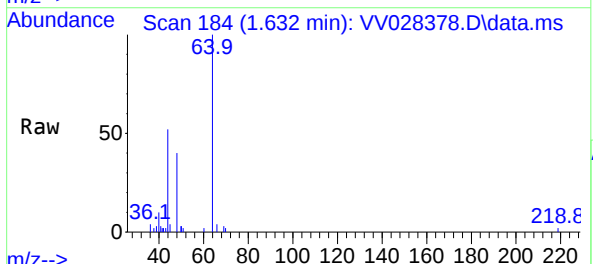
Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL

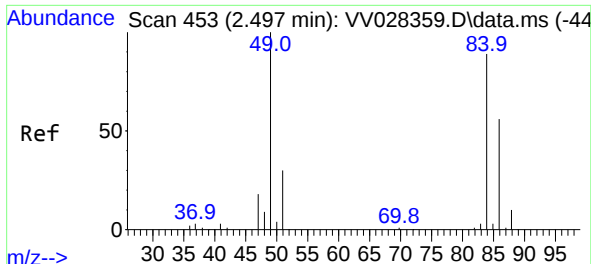
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 64.0 66.7 123.9#



#8
Chloroethane
Concen: 1.231 ug/L
RT: 1.632 min Scan# 184
Delta R.T. 0.055 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion: 64 Resp: 14219
Ion Ratio Lower Upper
64 100
66 4.3 23.0 42.8#

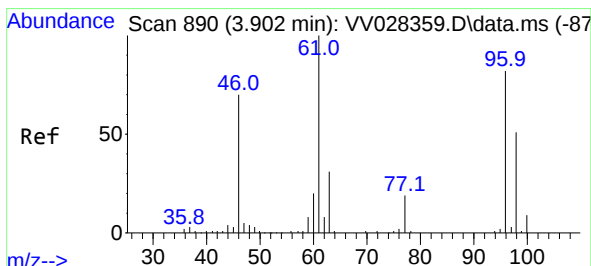
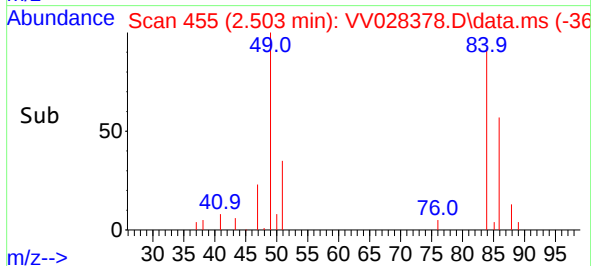
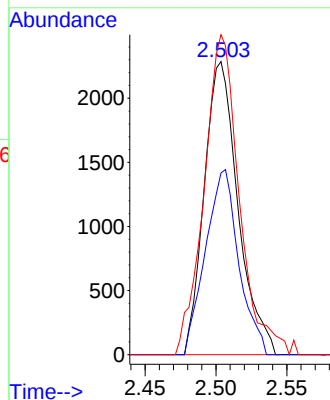
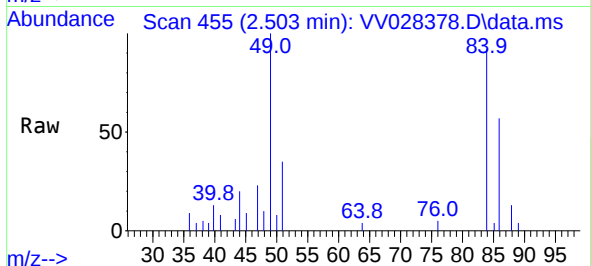




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

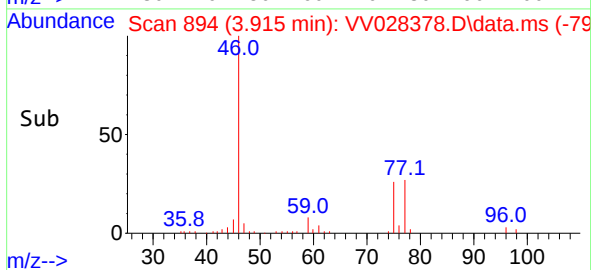
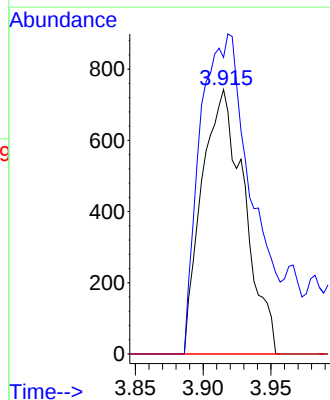
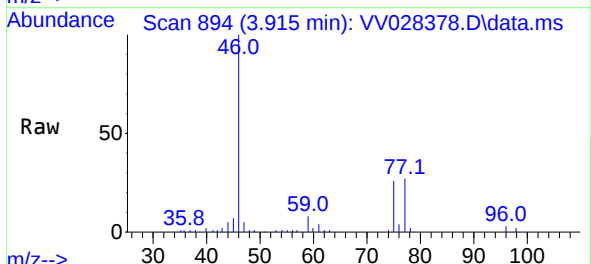
Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL

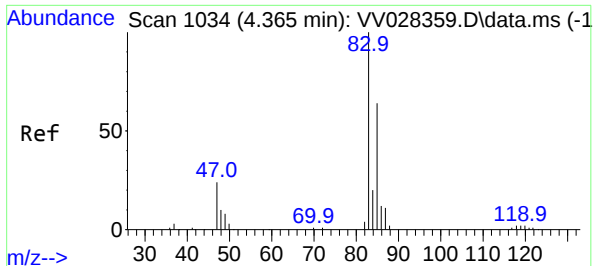
Tgt Ion: 84 Resp: 3791
Ion Ratio Lower Upper
84 100
86 62.0 46.8 86.8
49 109.2 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 112.1 87.2 161.9
68 0.0 0.0 0.0

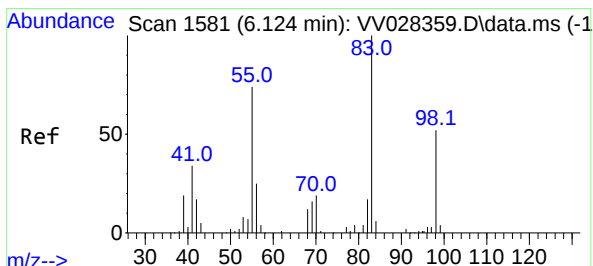
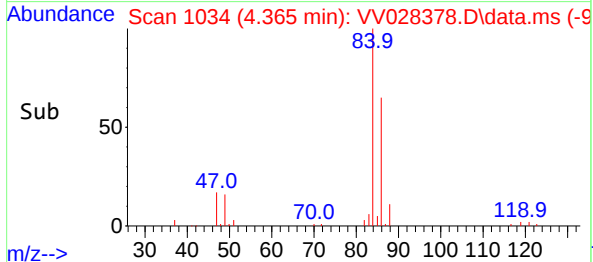
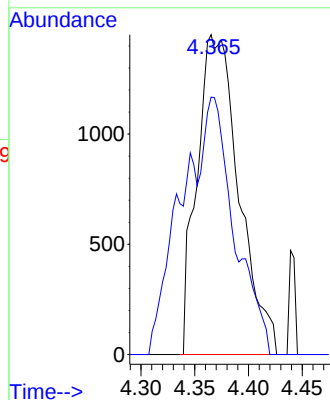
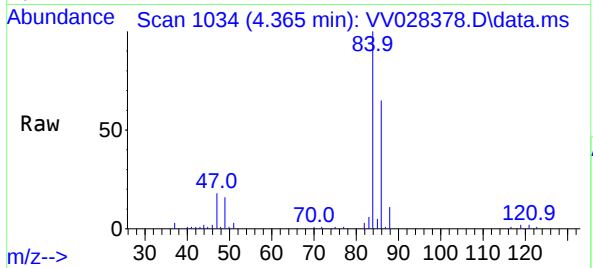




#25
Chloroform
Concen: 0.140 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

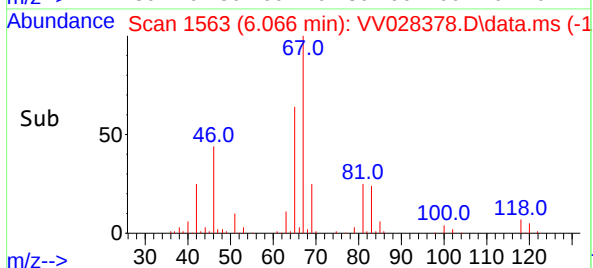
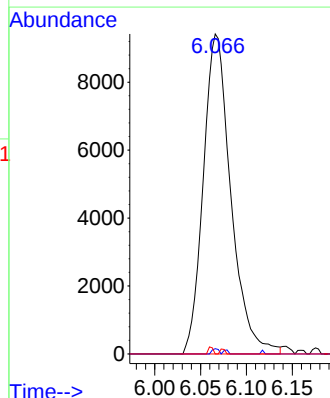
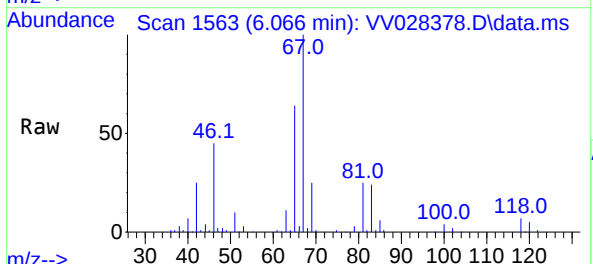
Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL

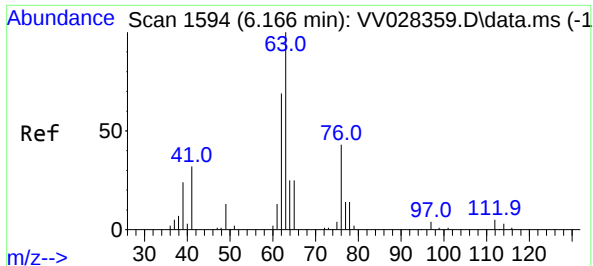
Tgt Ion: 83 Resp: 3934
Ion Ratio Lower Upper
83 100
85 80.5 45.1 83.7



#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion: 83 Resp: 19723
Ion Ratio Lower Upper
83 100
55 0.4 64.7 97.1#
98 0.4 39.5 59.3#

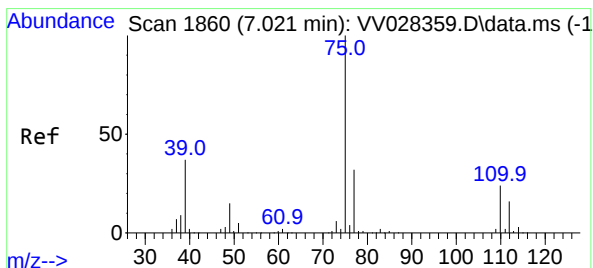
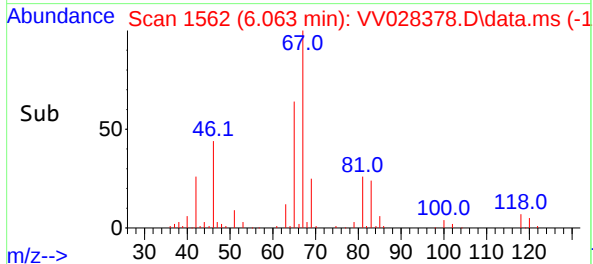
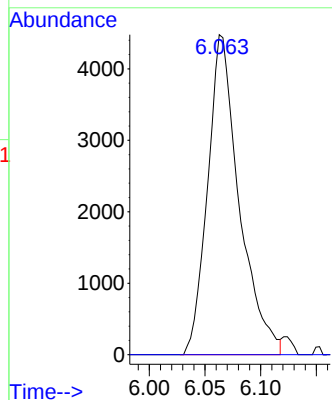
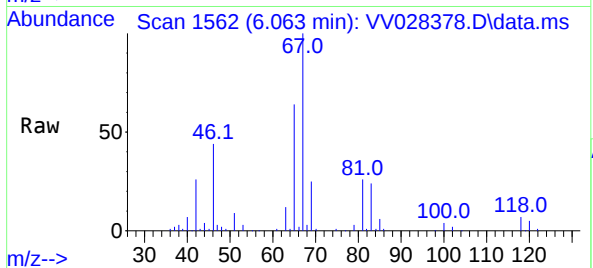




#37
1,2-Dichloropropane
Concen: 0.632 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

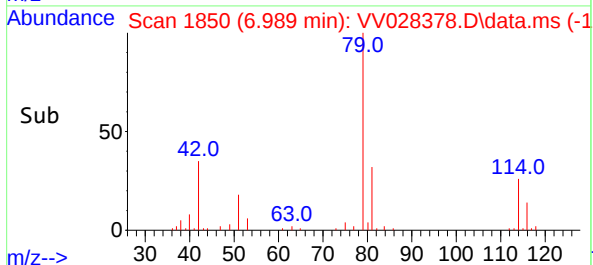
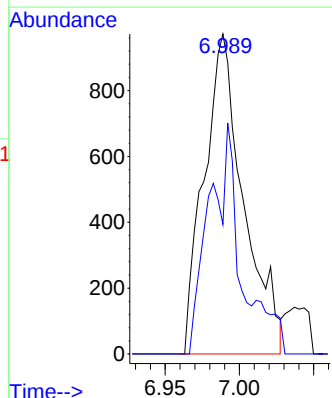
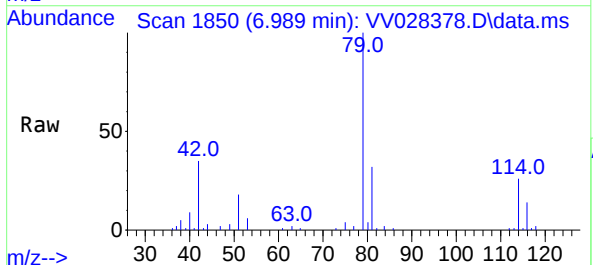
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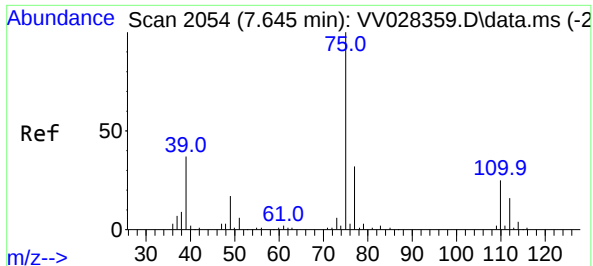
Tgt Ion: 63 Resp: 8831
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion: 75 Resp: 1802
Ion Ratio Lower Upper
75 100
77 40.5 22.4 41.6

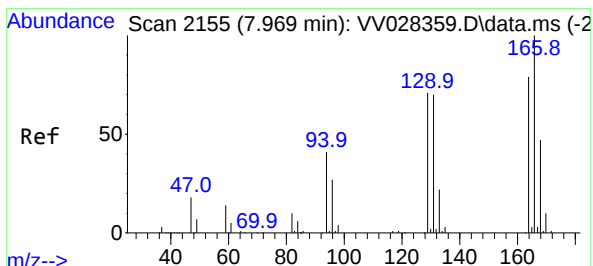
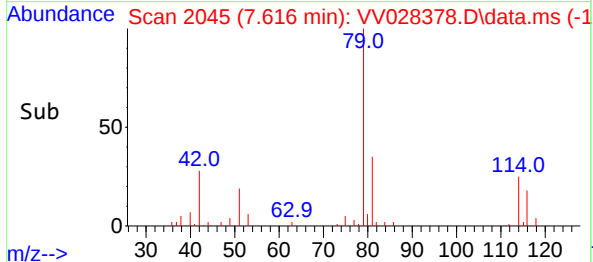
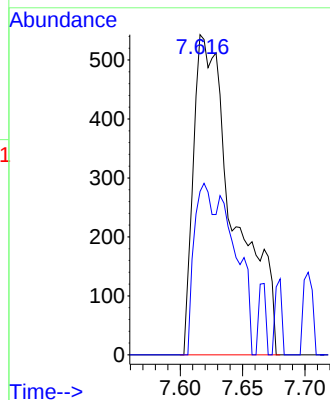
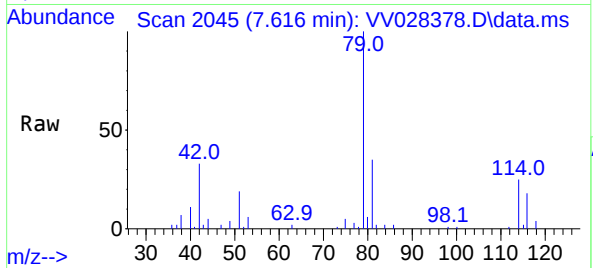




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.032 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

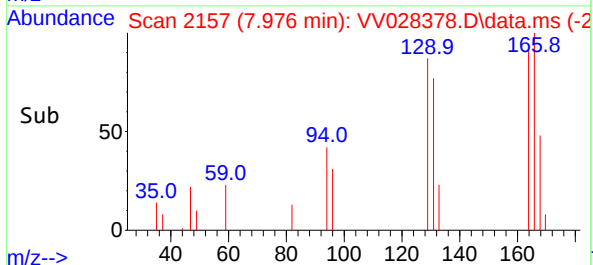
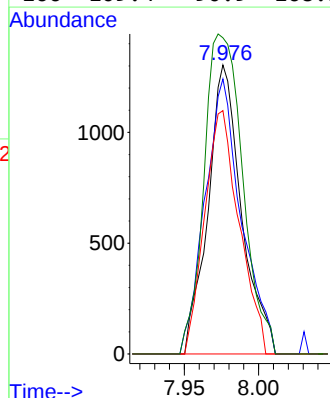
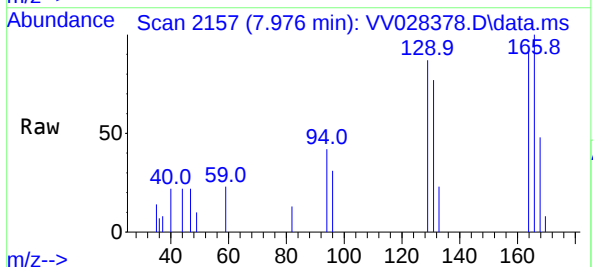
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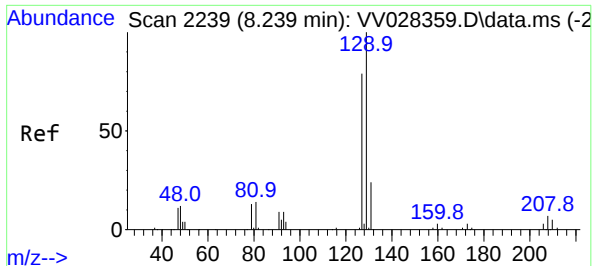
Tgt Ion: 75 Resp: 1240
Ion Ratio Lower Upper
75 100
77 51.0 23.9 44.3#



#47
Tetrachloroethene
Concen: 0.155 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion: 164 Resp: 2049
Ion Ratio Lower Upper
164 100
129 95.2 66.7 123.9
131 84.2 61.7 114.5
166 109.4 90.9 168.9





#49

Dibromochloromethane

Concen: 0.160 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV028378.D

Acq: 05 Oct 2022 19:22

Instrument :

MSVOA_V

ClientSampleId :

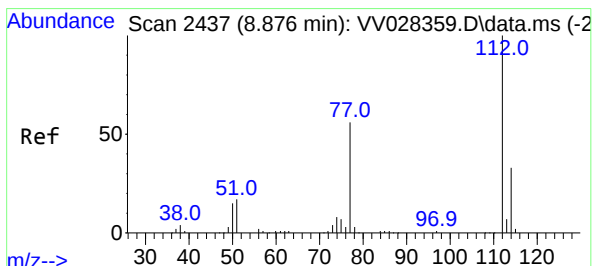
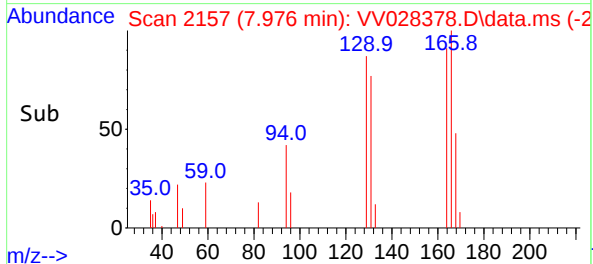
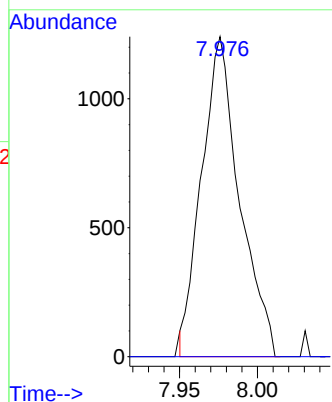
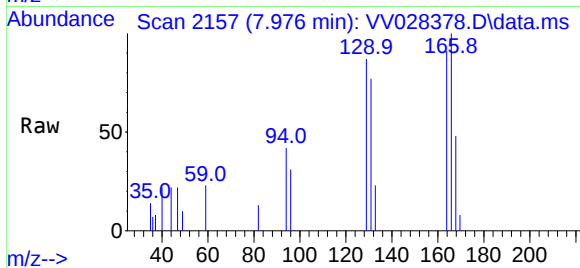
EXFW9DL

Tgt Ion:129 Resp: 2098

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#51

Chlorobenzene

Concen: 0.683 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV028378.D

Acq: 05 Oct 2022 19:22

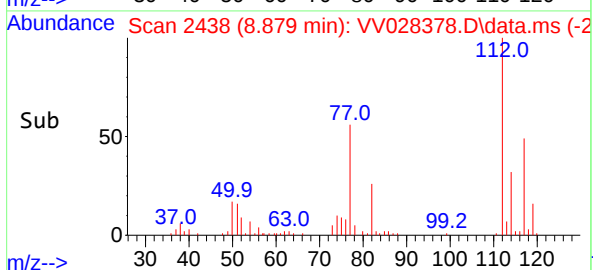
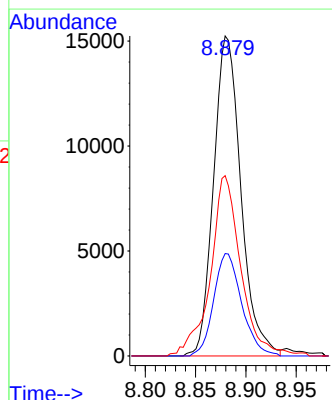
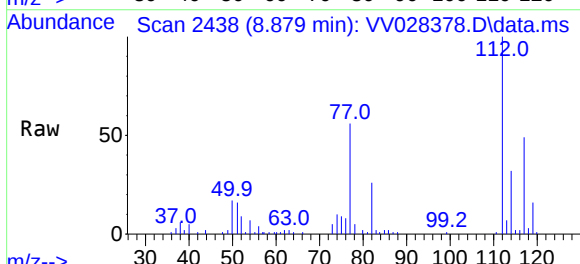
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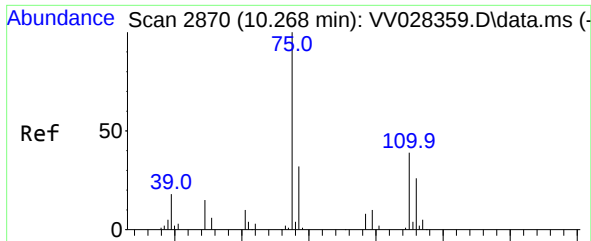
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 56.4 46.1 69.1

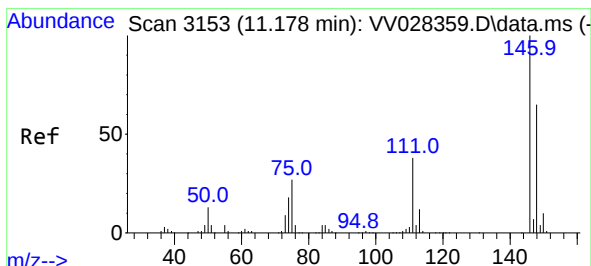
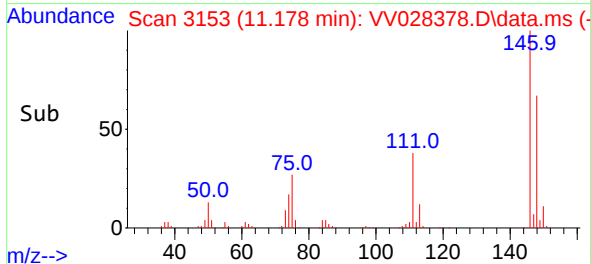
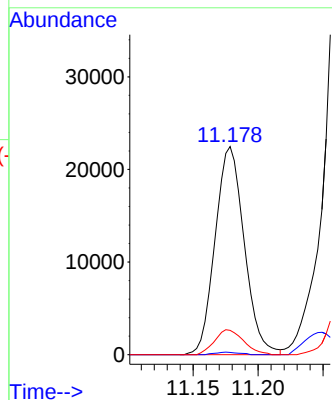
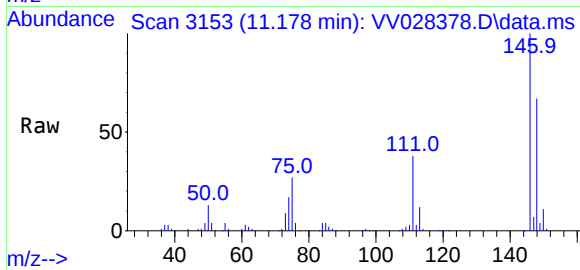




#61
1,2,3-Trichloropropane
Concen: 4.431 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

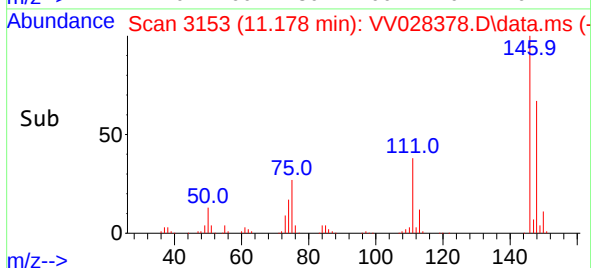
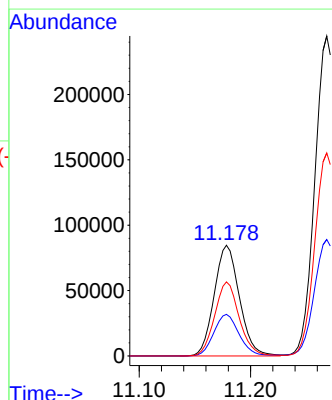
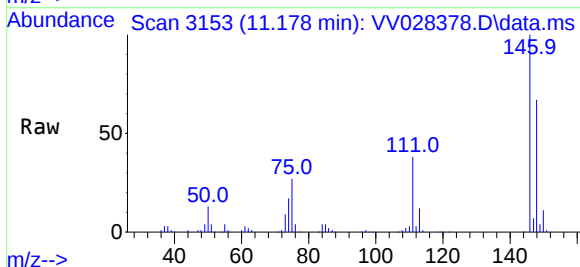
Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL

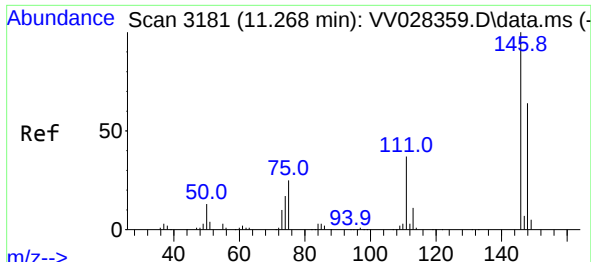
Tgt Ion: 75 Resp: 35018
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 11.9 30.1 45.1#



#64
1,3-Dichlorobenzene
Concen: 4.325 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

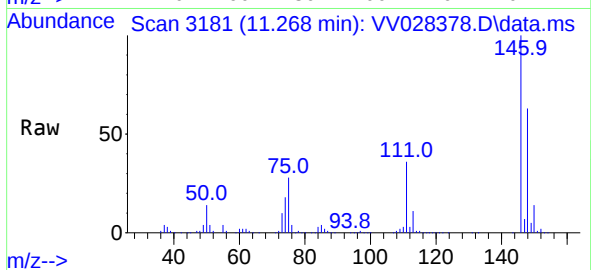
Tgt Ion:146 Resp: 133159
Ion Ratio Lower Upper
146 100
111 37.6 27.1 50.3
148 67.0 45.7 84.9



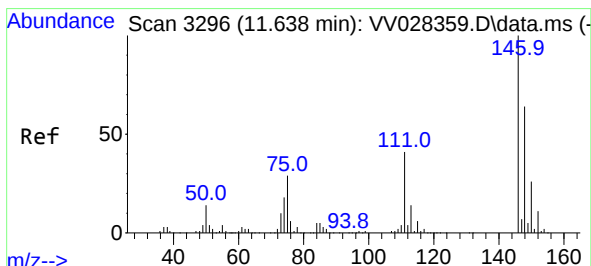
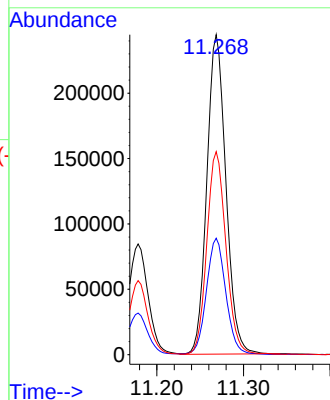
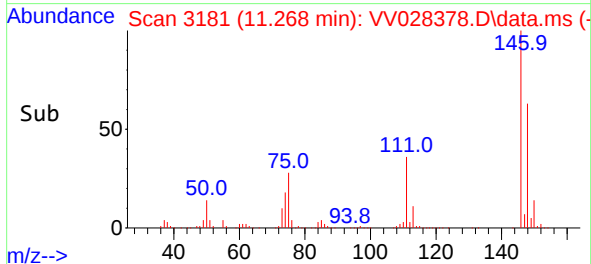


#65
1,4-Dichlorobenzene
Concen: 12.093 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

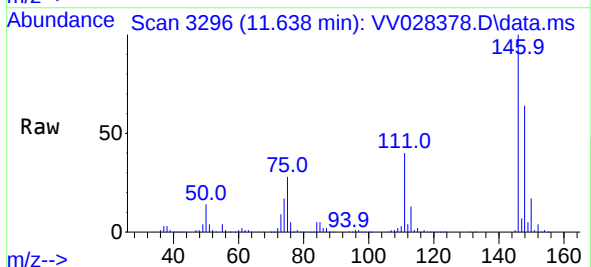
Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL



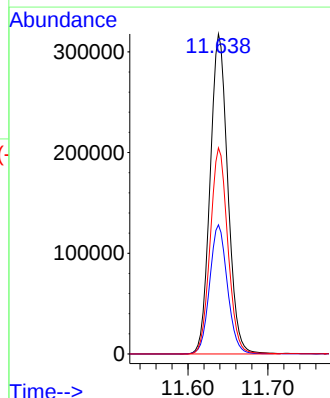
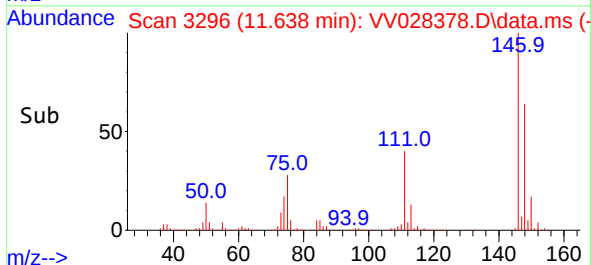
Tgt Ion:146 Resp: 372838
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 63.4 45.8 85.2

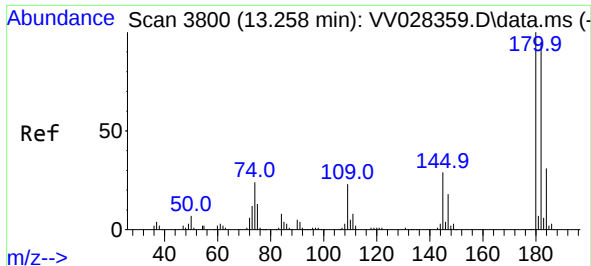


#67
1,2-Dichlorobenzene
Concen: 17.476 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22



Tgt Ion:146 Resp: 488049
Ion Ratio Lower Upper
146 100
111 40.4 32.6 49.0
148 64.4 50.1 75.1

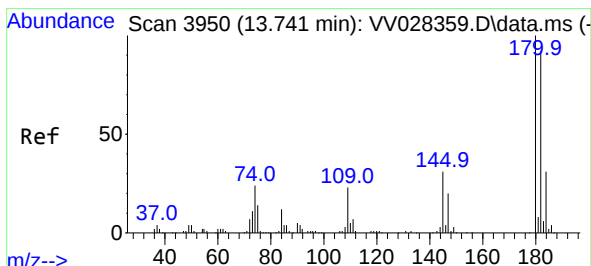
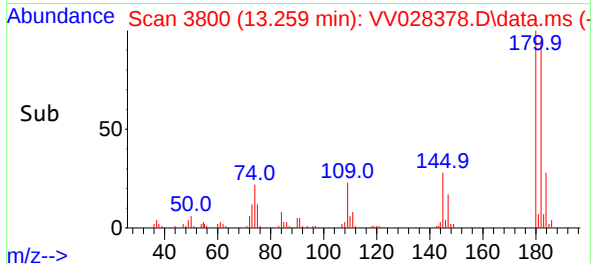
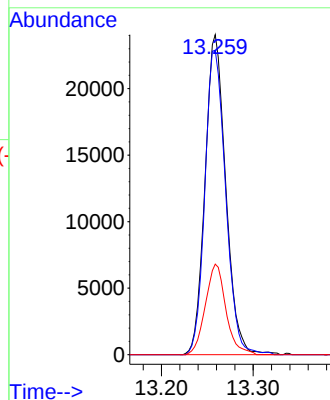
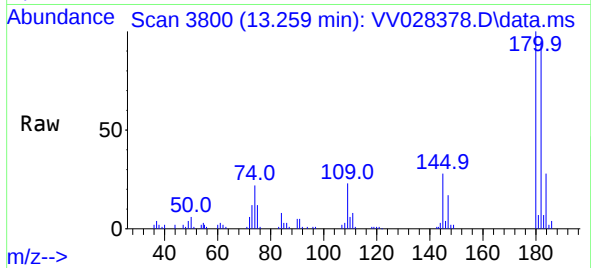




#70
1,2,4-trichlorobenzene
Concen: 2.035 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Instrument :
MSVOA_V
ClientSampleId :
EXFW9DL

Tgt Ion:180 Resp: 37778
Ion Ratio Lower Upper
180 100
182 95.2 76.3 114.5
145 28.1 22.9 34.3



#72
1,2,3-Trichlorobenzene
Concen: 1.169 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV028378.D
Acq: 05 Oct 2022 19:22

Tgt Ion:180 Resp: 19565
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.0
145 28.7 24.6 36.8

