

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028379.D
 Acq On : 05 Oct 2022 19:46
 Operator : SY/MD
 Sample : N4872-07DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX1DL

Quant Time: Oct 06 02:34:31 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	195471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	201276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51453	3.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.564	69	51962	4.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.101	63	77761	2.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.200%#
20) 2-Butanone-d5	3.915	46	140628	56.590	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.180%
24) Chloroform-d	4.342	84	127753	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.027	65	60376	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	248649	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	81063	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.313	98	198678	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.622	79	24632	4.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.088	63	126569	51.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61257	5.102	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85793	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
6) Bromomethane	1.516	94	570	0.072	ug/L	84
8) Chloroethane	1.616	64	21550	1.927	ug/L #	53
16) Methylene chloride	2.503	84	4086	0.259	ug/L	80
25) Chloroform	4.365	83	2703	0.099	ug/L	97
33) Benzene	5.098	78	4185	0.070	ug/L	100
35) Methylcyclohexane	6.066	83	19269	0.787	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8360	0.602	ug/L #	87
47) Tetrachloroethene	7.976	164	800	0.061	ug/L	90
49) Dibromochloromethane	7.976	129	577	0.044	ug/L #	11
51) Chlorobenzene	8.876	112	246525	5.880	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	28624	3.728	ug/L #	49
64) 1,3-Dichlorobenzene	11.178	146	106839	3.572	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	263681	8.805	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	617176	22.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9087	0.504	ug/L	95
72) 1,2,3-Trichlorobenzene	13.747	180	2498	0.154	ug/L	95

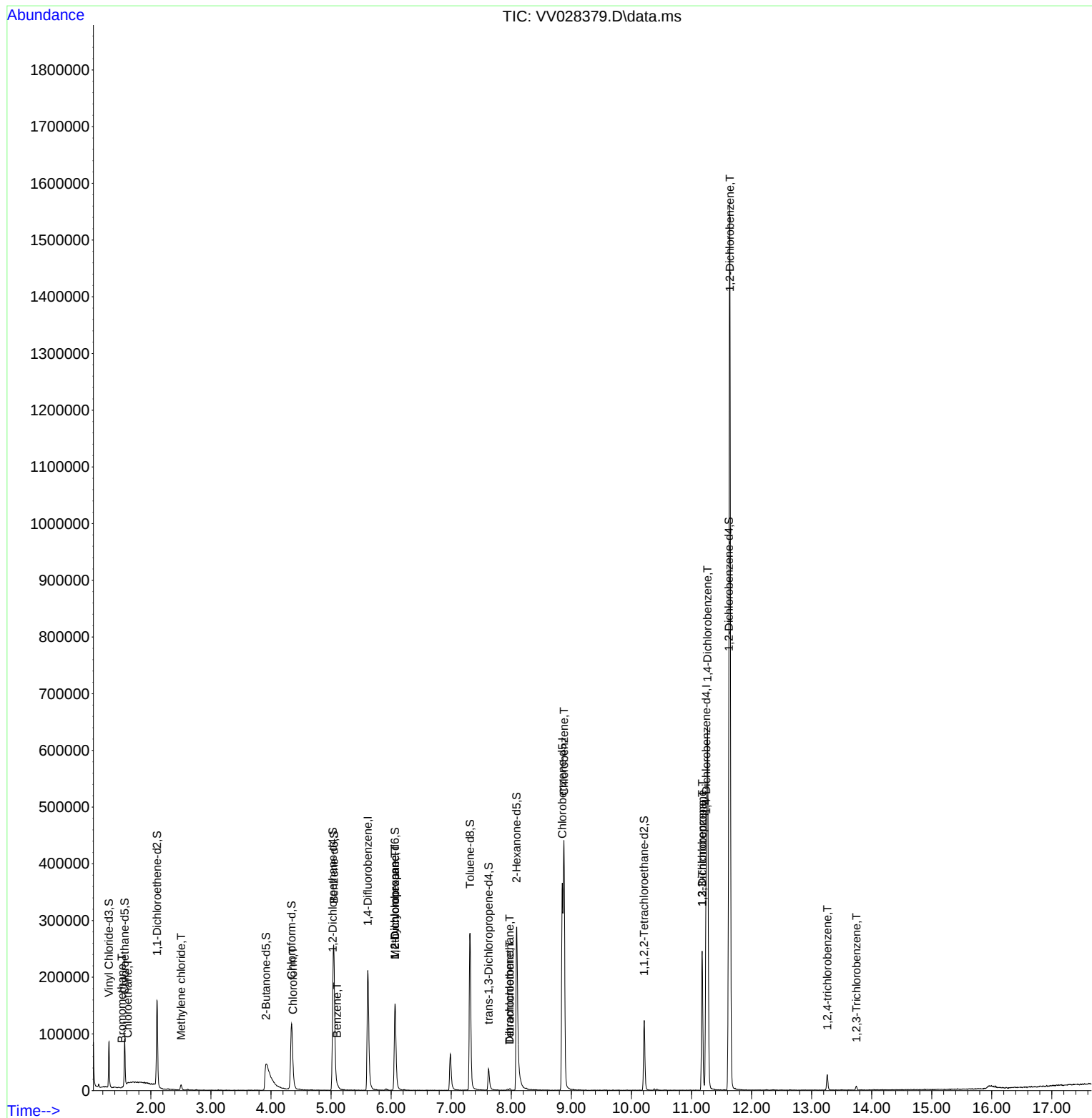
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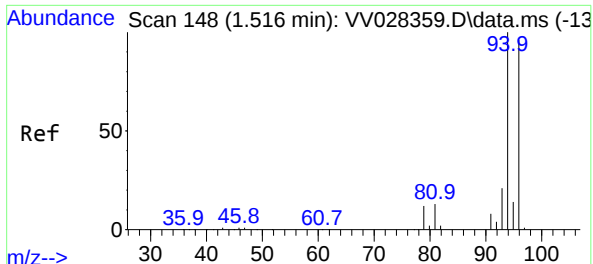
Instrument :
MSVOA_V
ClientSampleId :
EXFX1DL

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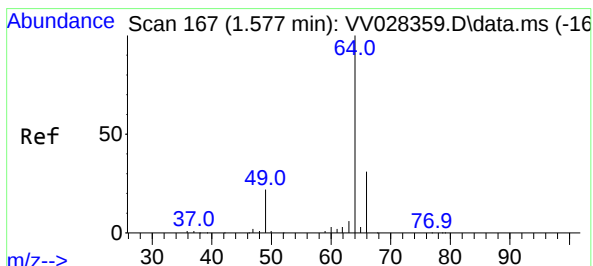
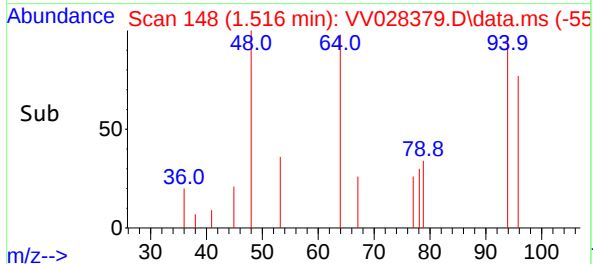
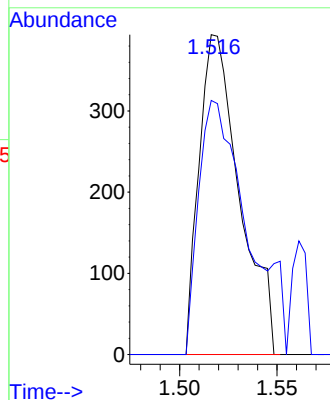
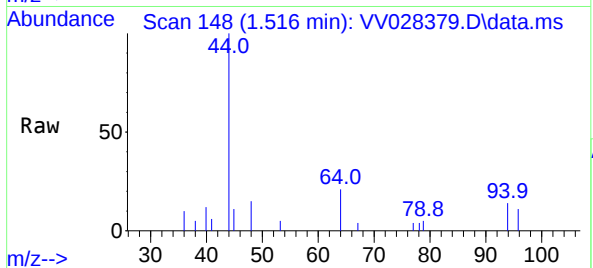




#6
Bromomethane
Concen: 0.072 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

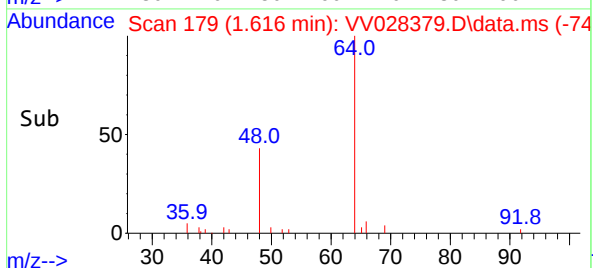
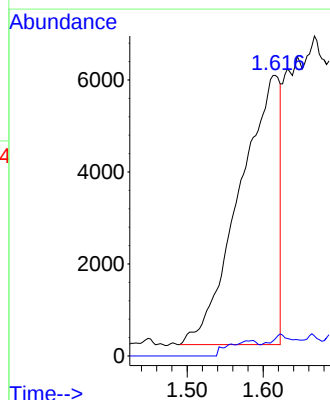
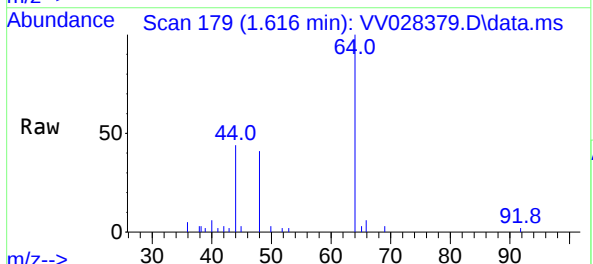
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ClientSampleId :
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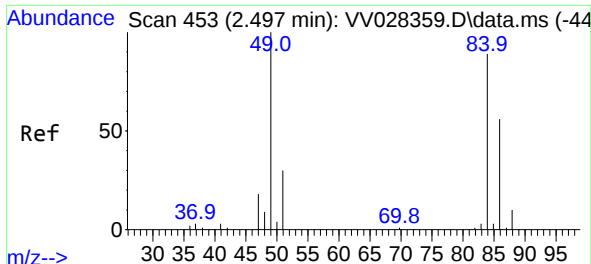
Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 79.4 66.7 123.9



#8
Chloroethane
Concen: 1.927 ug/L
RT: 1.616 min Scan# 179
Delta R.T. 0.039 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion: 64 Resp: 21550
Ion Ratio Lower Upper
64 100
66 6.1 23.0 42.8#

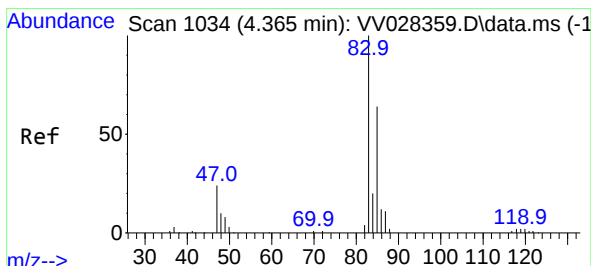
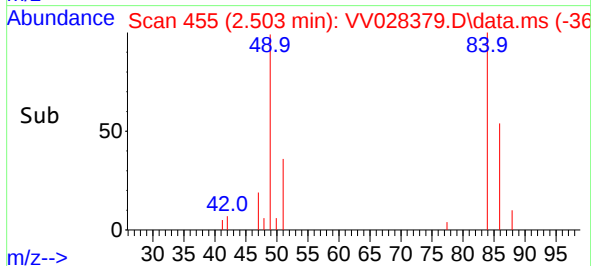
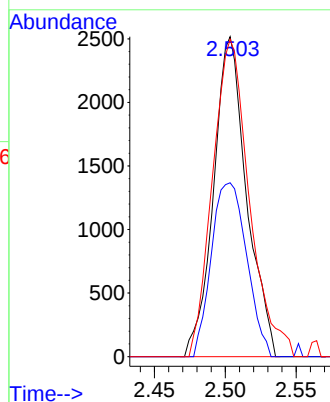
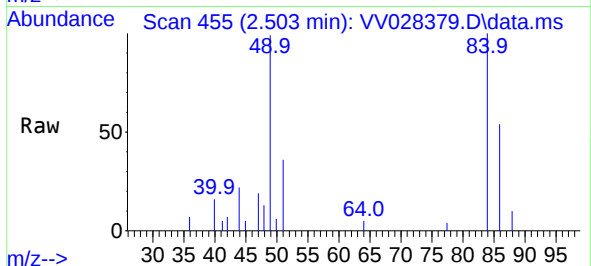




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

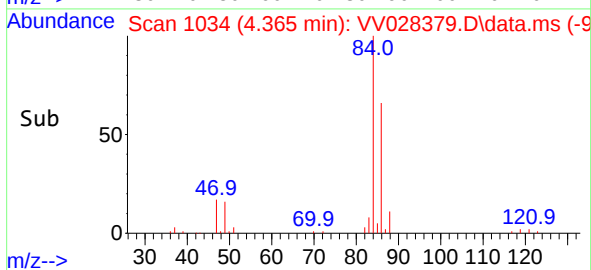
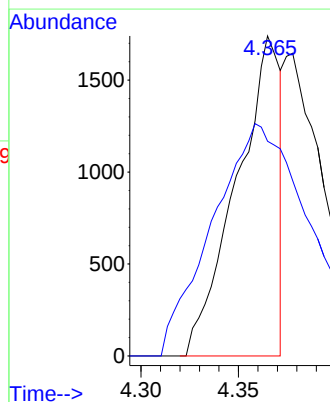
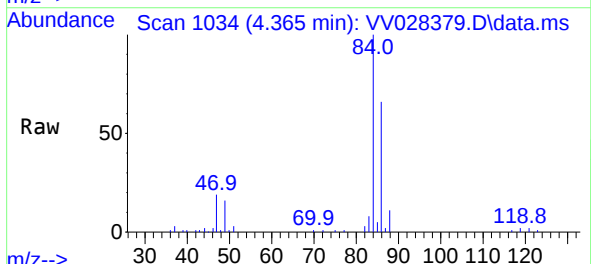
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ClientSampleId :
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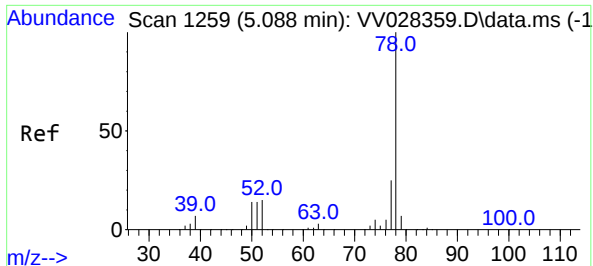
Tgt Ion: 84 Resp: 4086
Ion Ratio Lower Upper
84 100
86 54.4 46.8 86.8
49 99.2 87.5 162.5



#25
Chloroform
Concen: 0.099 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion: 83 Resp: 2703
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.7

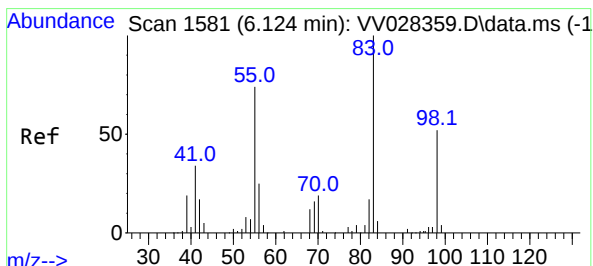
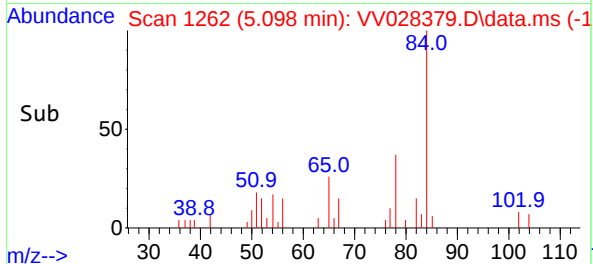
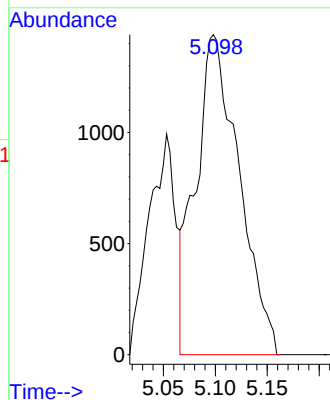
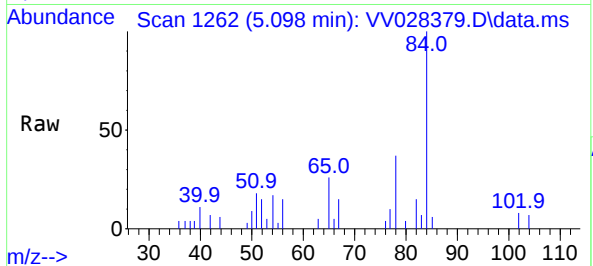




#33
Benzene
Concen: 0.070 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Instrument :
MSVOA_V
ClientSampleId :
EXFX1DL

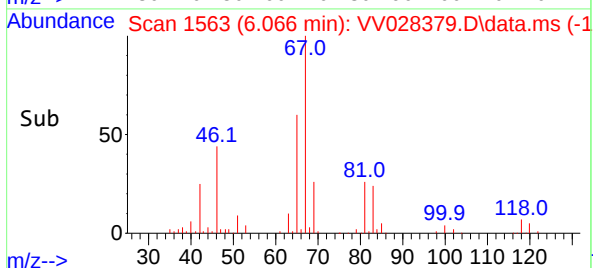
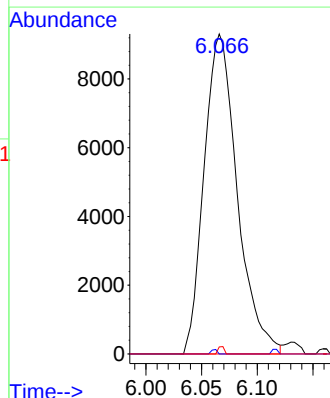
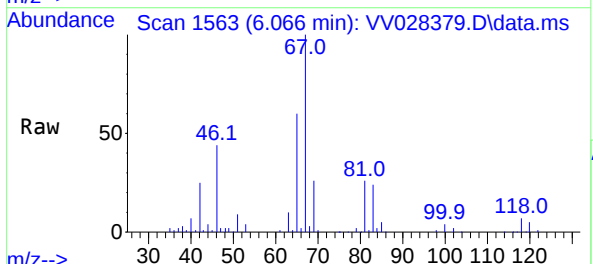
Tgt Ion: 78 Resp: 4185

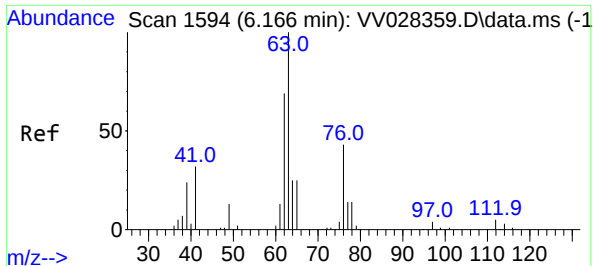


#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion: 83 Resp: 19269

Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.7	97.1#
98	0.4	39.5	59.3#

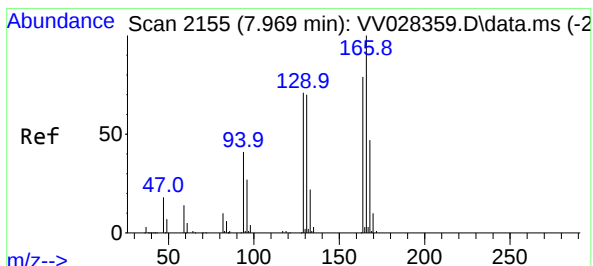
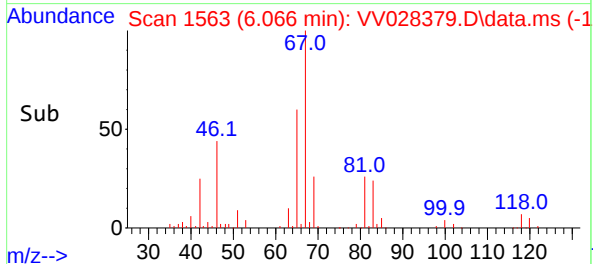
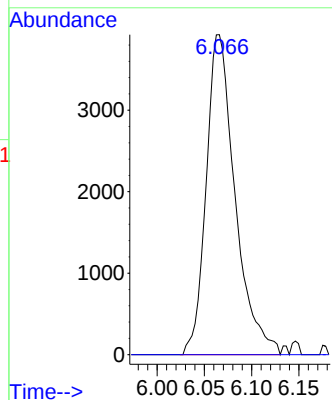
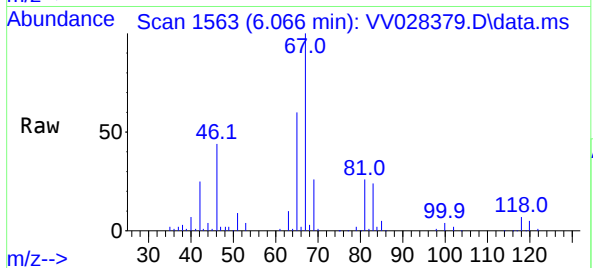




#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

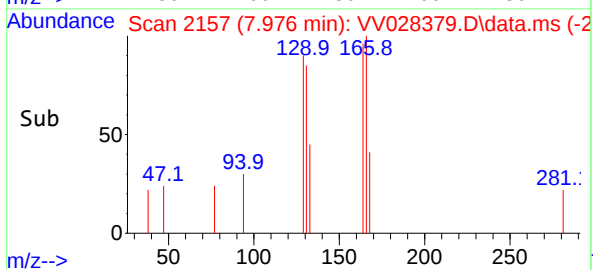
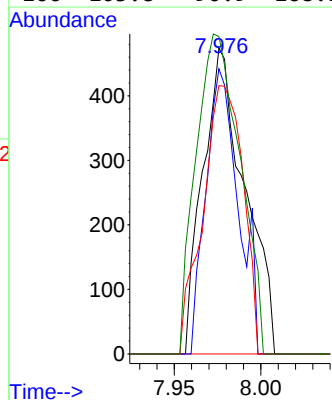
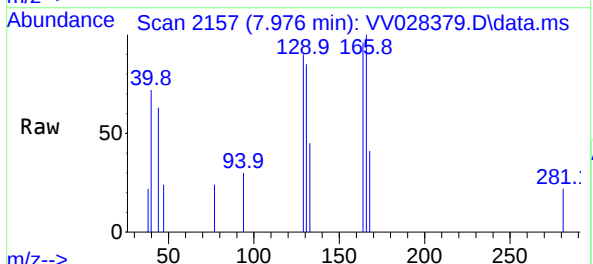
Instrument :
MSVOA_V
ClientSampleId :
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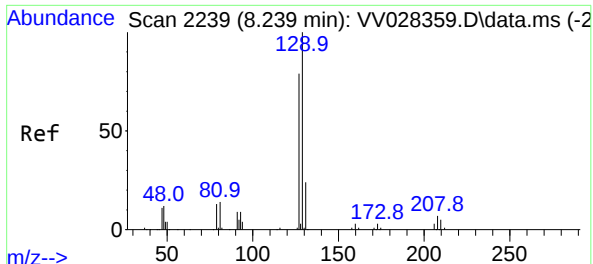
Tgt Ion: 63 Resp: 8360
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 0.061 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion:164 Resp: 800
Ion Ratio Lower Upper
164 100
129 93.2 66.7 123.9
131 87.8 61.7 114.5
166 103.8 90.9 168.9

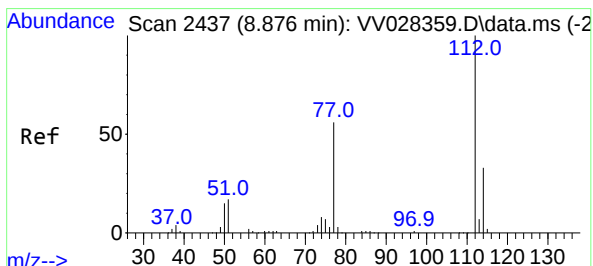
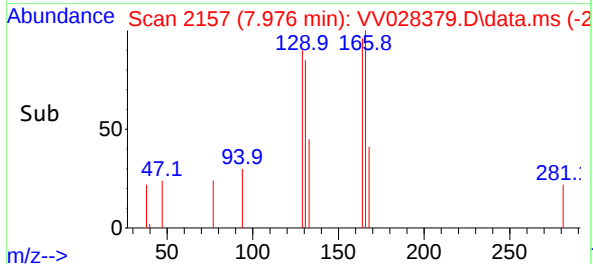
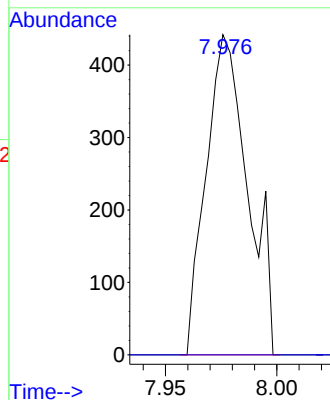
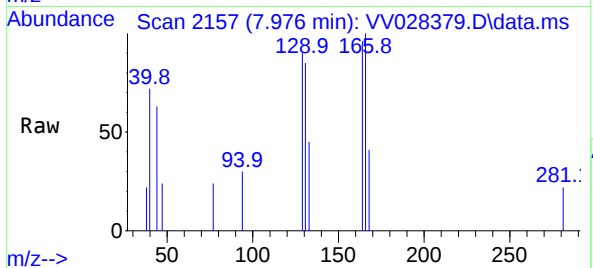




#49
Dibromochloromethane
Concen: 0.044 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

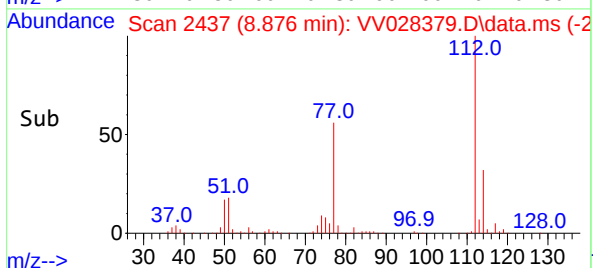
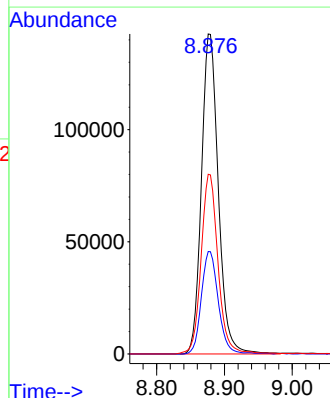
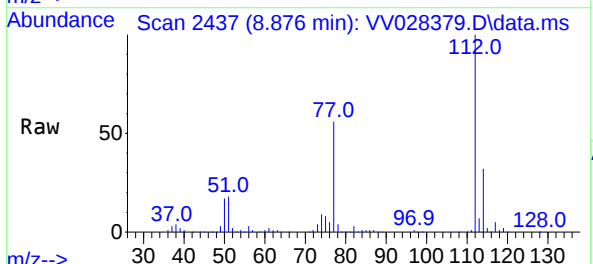
Instrument : MSVOA_V
ClientSampleId : EXFX1DL

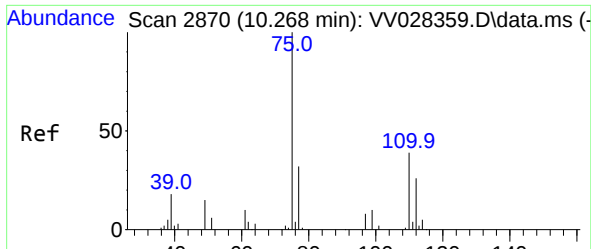
Tgt Ion:129 Resp: 577
Ion Ratio Lower Upper
129 100
127 0.0 54.3 100.9#



#51
Chlorobenzene
Concen: 5.880 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion:112 Resp: 246525
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 56.1 46.1 69.1

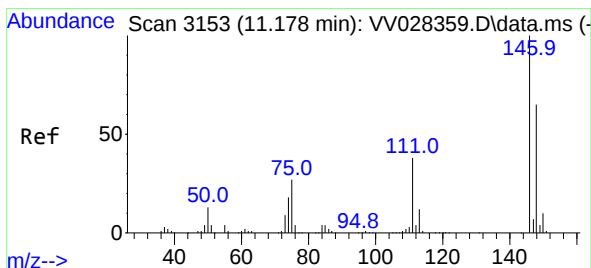
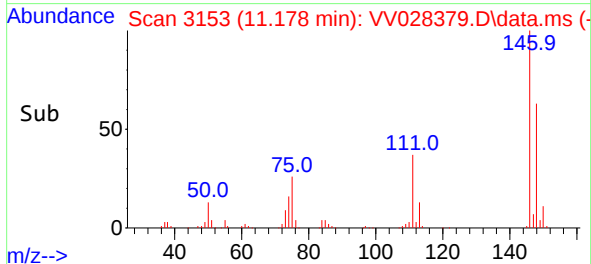
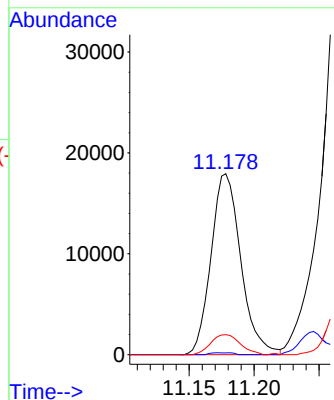
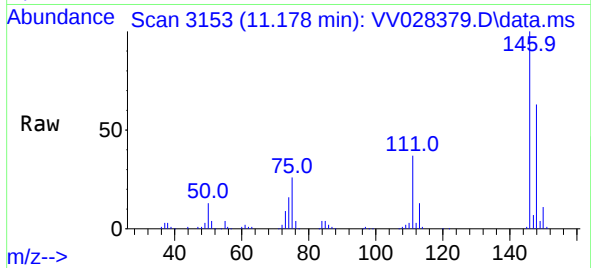




#61
1,2,3-Trichloropropane
Concen: 3.728 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

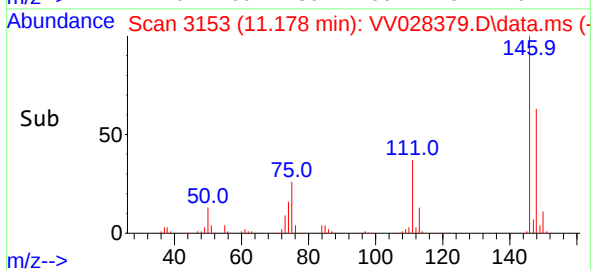
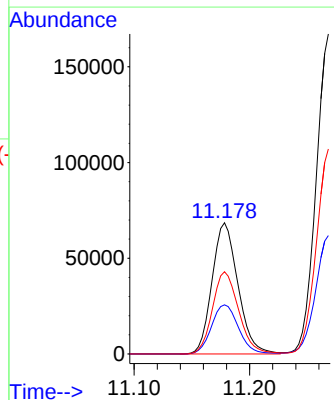
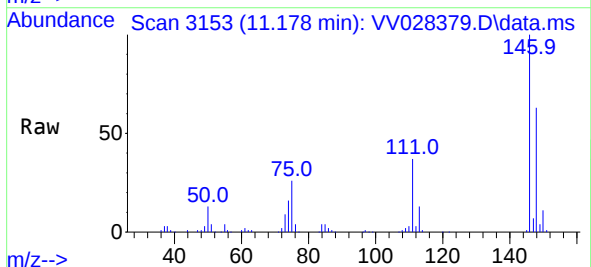
Instrument :
MSVOA_V
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EXFX1DL

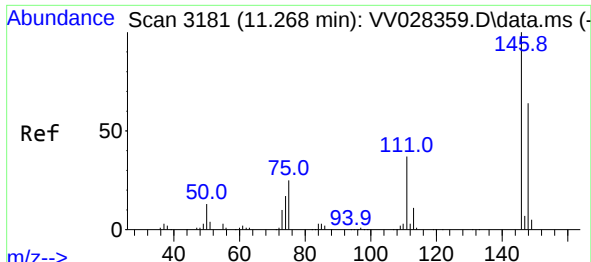
Tgt Ion: 75 Resp: 28624
Ion Ratio Lower Upper
75 100
77 0.0 26.7 40.1#
110 10.9 30.1 45.1#



#64
1,3-Dichlorobenzene
Concen: 3.572 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion:146 Resp: 106839
Ion Ratio Lower Upper
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111 37.4 27.1 50.3
148 62.6 45.7 84.9

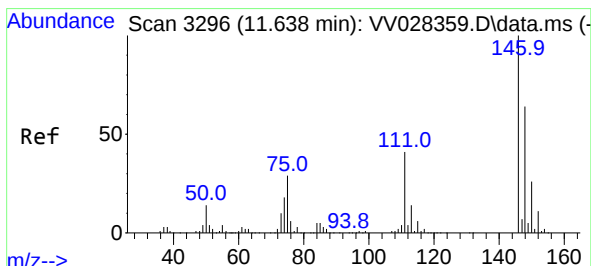
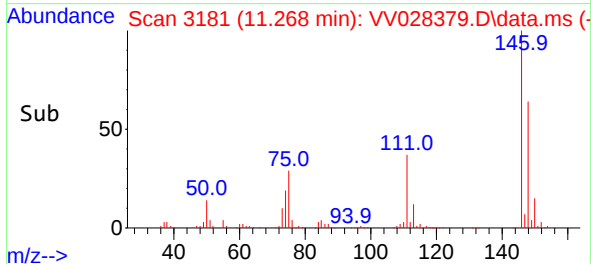
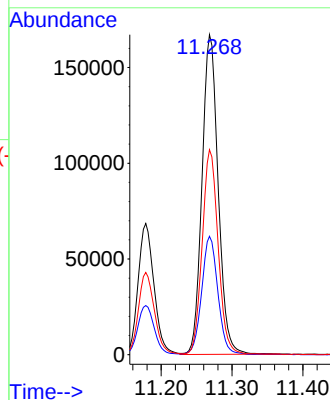
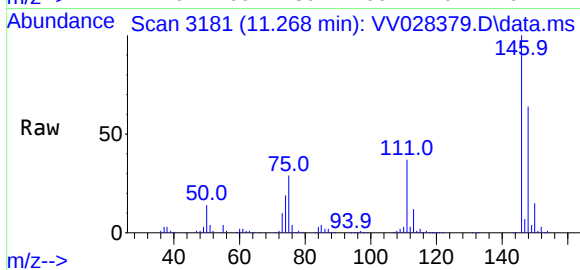




#65
1,4-Dichlorobenzene
Concen: 8.805 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

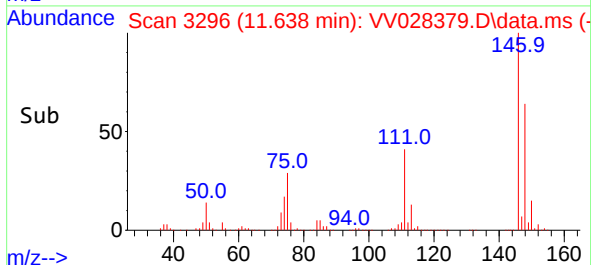
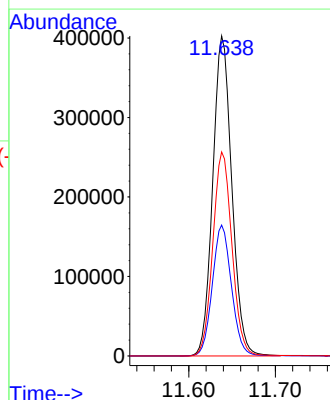
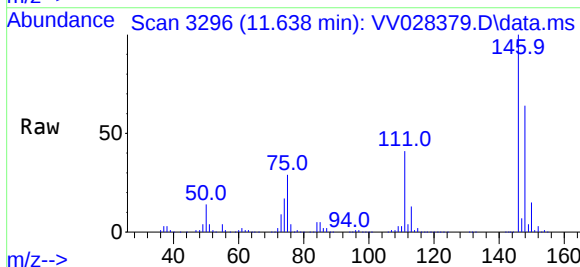
Instrument :
MSVOA_V
ClientSampleId :
EXFX1DL

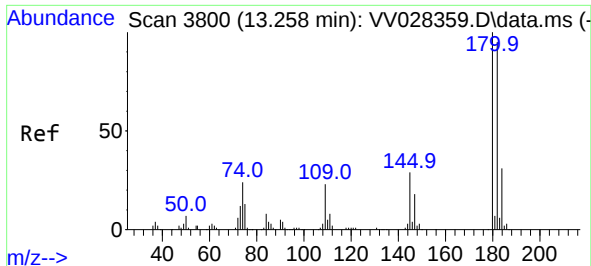
Tgt Ion:146 Resp: 263681
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 64.1 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 22.752 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.003 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion:146 Resp: 617176
Ion Ratio Lower Upper
146 100
111 40.9 32.6 49.0
148 63.8 50.1 75.1

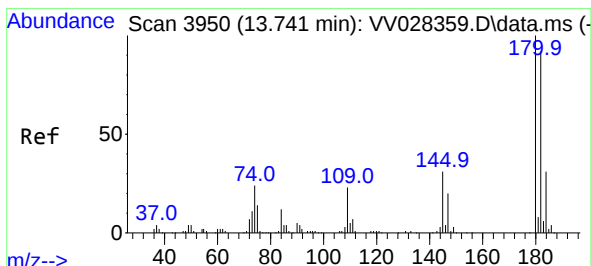
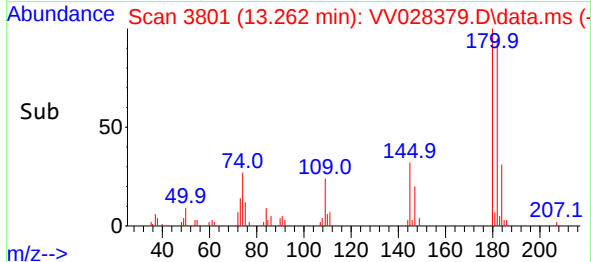
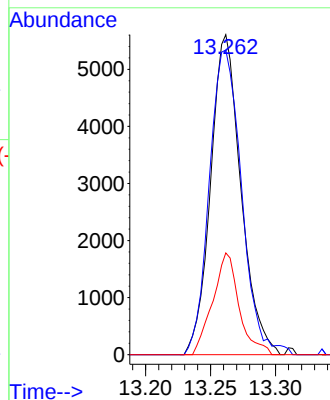
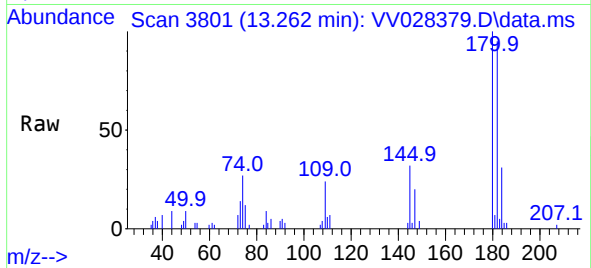




#70
1,2,4-trichlorobenzene
Concen: 0.504 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Instrument :
MSVOA_V
ClientSampleId :
EXFX1DL

Tgt Ion:180 Resp: 9087
Ion Ratio Lower Upper
180 100
182 101.5 76.3 114.5
145 27.7 22.9 34.3



#72
1,2,3-Trichlorobenzene
Concen: 0.154 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.007 min
Lab File: VV028379.D
Acq: 05 Oct 2022 19:46

Tgt Ion:180 Resp: 2498
Ion Ratio Lower Upper
180 100
182 102.5 77.4 116.0
145 29.3 24.6 36.8

