

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027579.D
 Acq On : 30 Aug 2022 12:15
 Operator : SY/MD
 Sample : VV0830WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK217

Quant Time: Aug 31 04:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

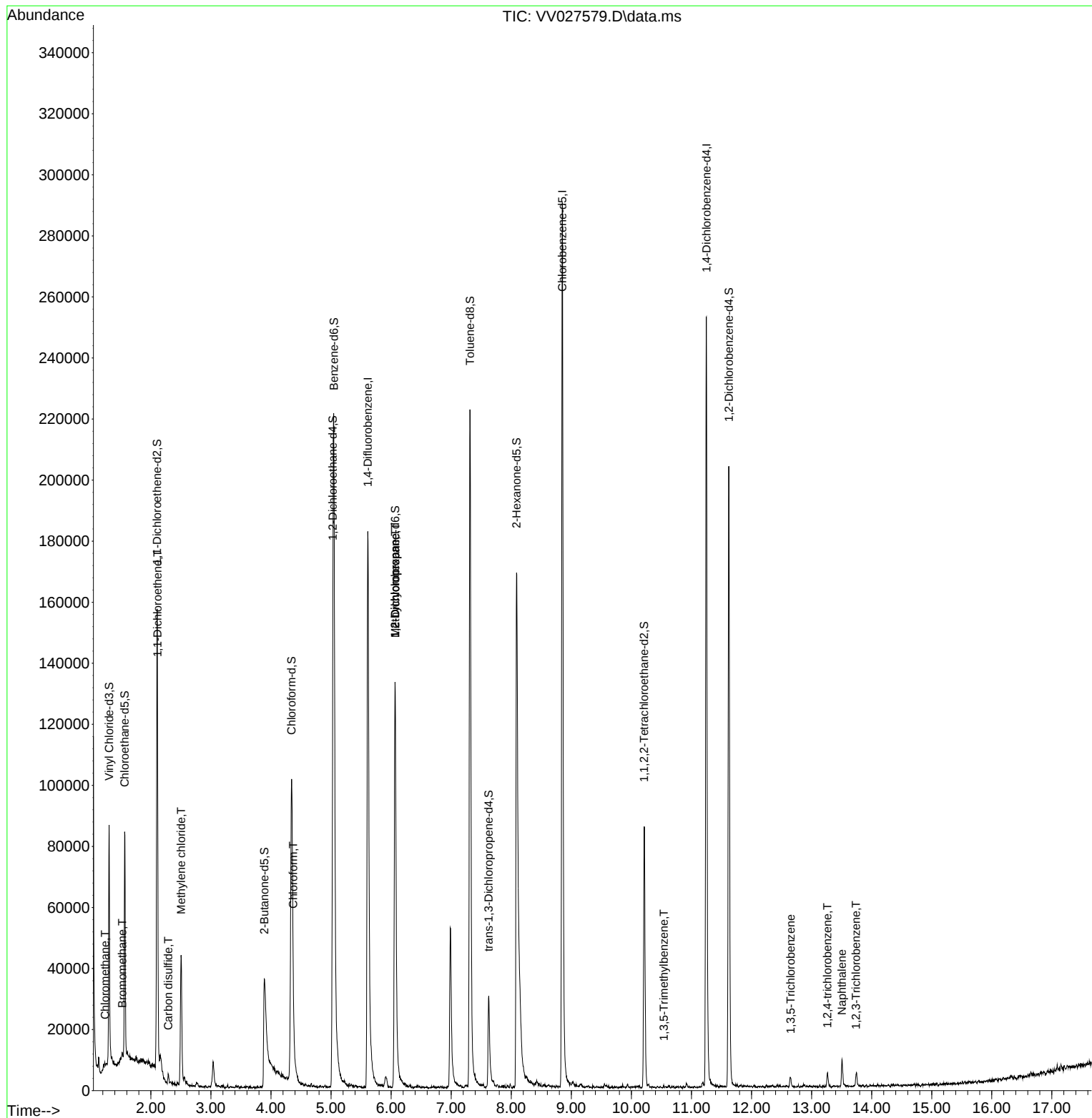
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	160012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55967	4.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.565	69	47069	5.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.105	63	80236	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.889	46	76465	53.953	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	4.343	84	109187	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.031	65	52555	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.047	84	207104	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	65892	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.314	98	156249	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.625	79	18480	4.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	74055	50.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41361	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50686	5.293	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	607	0.041	ug/L	95
6) Bromomethane	1.523	94	1200	0.163	ug/L	80
12) 1,1-Dichloroethene	2.111	96	1160	0.096	ug/L #	1
14) Carbon disulfide	2.291	76	2176	0.065	ug/L #	94
16) Methylene chloride	2.507	84	16736	0.917	ug/L	98
25) Chloroform	4.368	83	6109	0.218	ug/L	90
35) Methylcyclohexane	6.066	83	16373	0.828	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	7863	0.552	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.538	105	393	0.033	ug/L #	29
69) 1,3,5-Trichlorobenzene	12.651	180	1115	0.071	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	1628	0.143	ug/L #	81
71) Naphthalene	13.506	128	6582	0.420	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	1548	0.153	ug/L	97

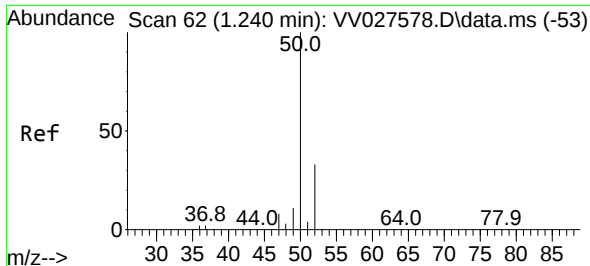
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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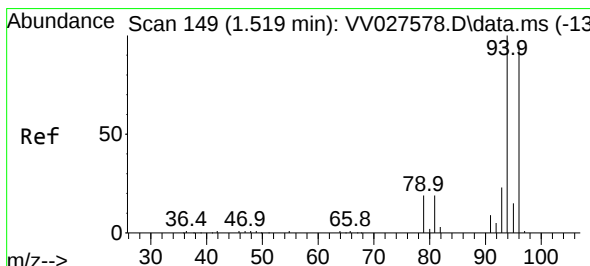
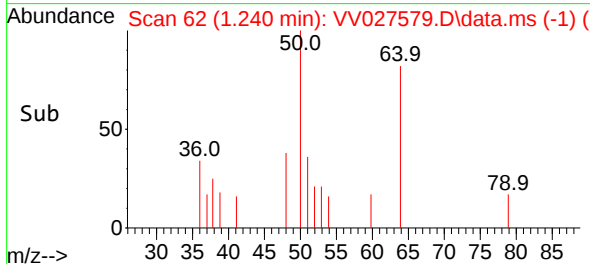
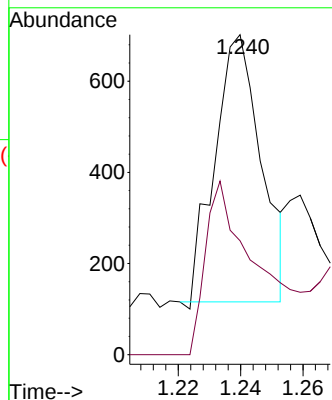
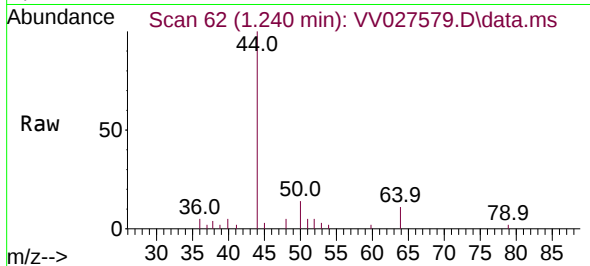




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

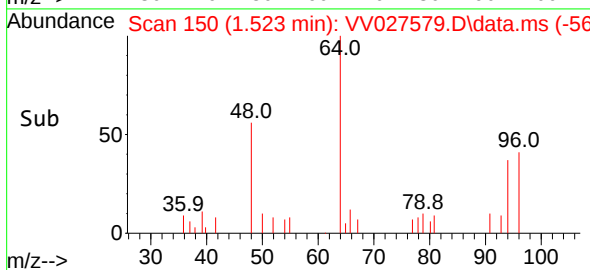
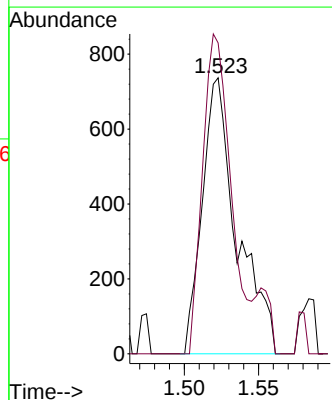
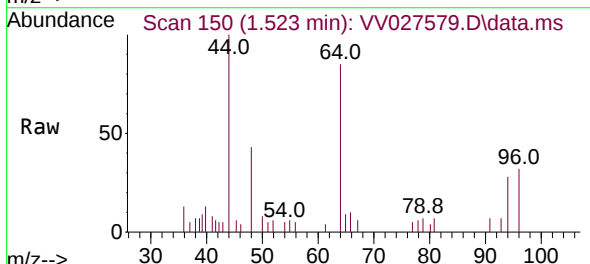
Instrument :
MSVOA_V
ClientSampleId :
VBLK217

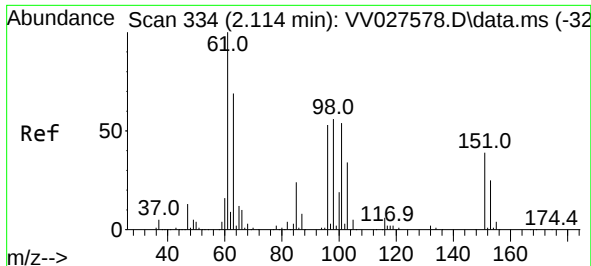
Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 35.6 22.8 42.4



#6
Bromomethane
Concen: 0.163 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

Tgt Ion: 94 Resp: 1200
Ion Ratio Lower Upper
94 100
96 112.6 65.2 121.0

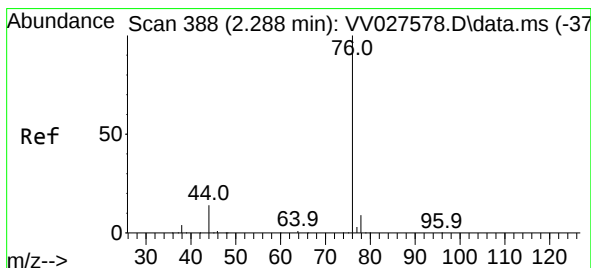
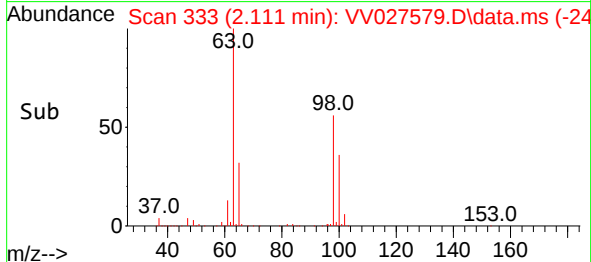
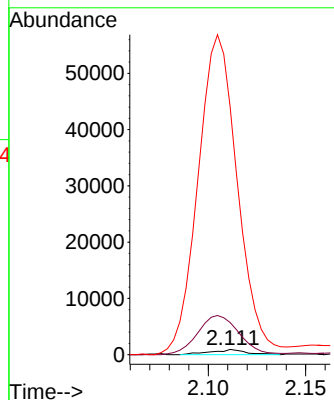
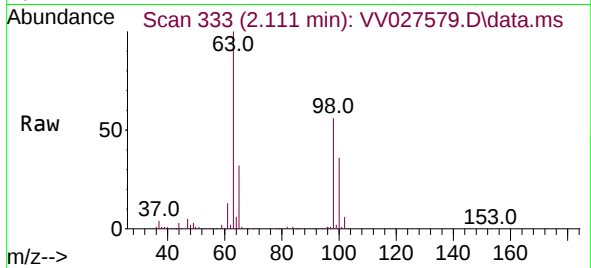




#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

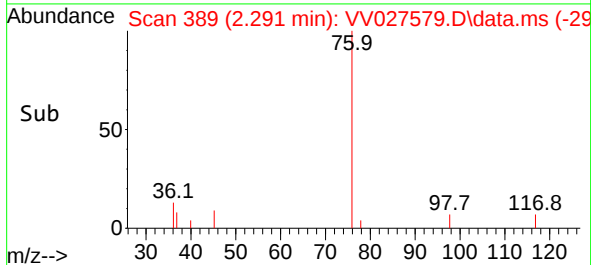
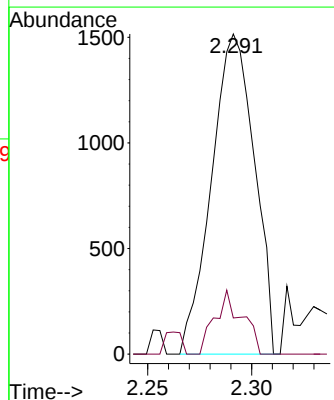
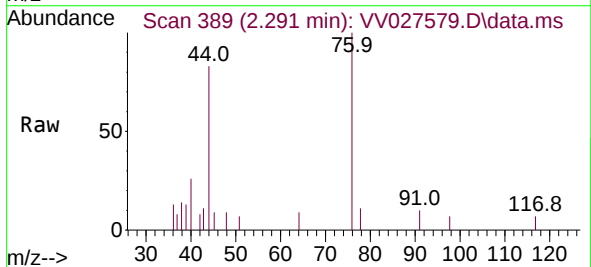
Instrument :
MSVOA_V
ClientSampleId :
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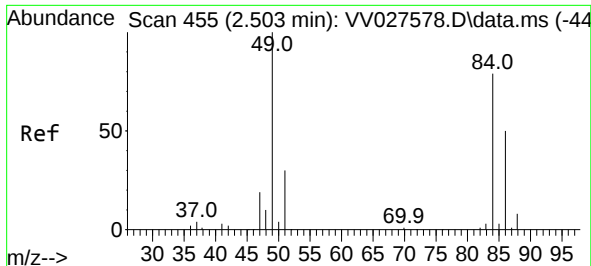
Tgt Ion: 96 Resp: 1160
Ion Ratio Lower Upper
96 100
61 615.9 130.2 241.8#
63 4743.2 87.4 162.4#



#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

Tgt Ion: 76 Resp: 2176
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#

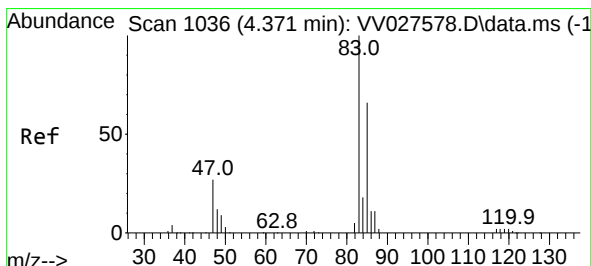
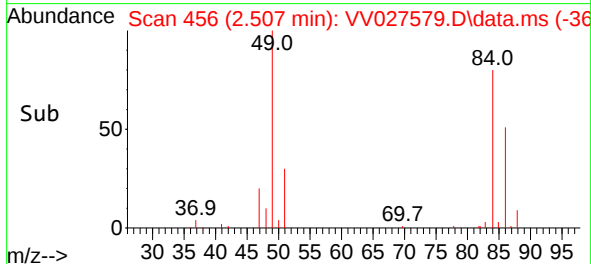
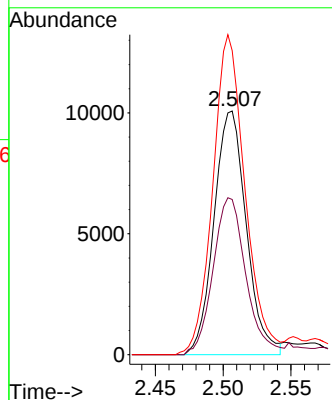
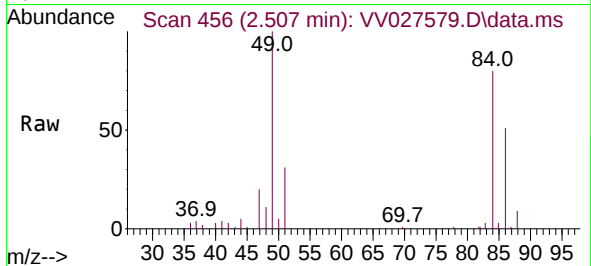




#16
Methylene chloride
Concen: 0.917 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

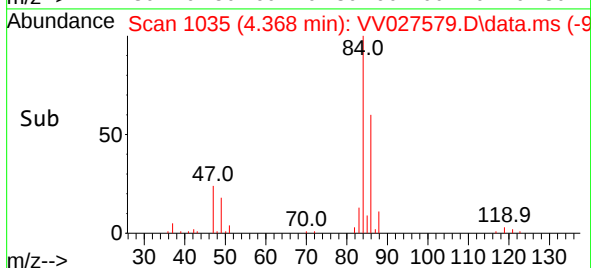
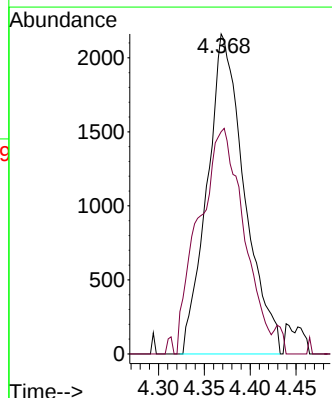
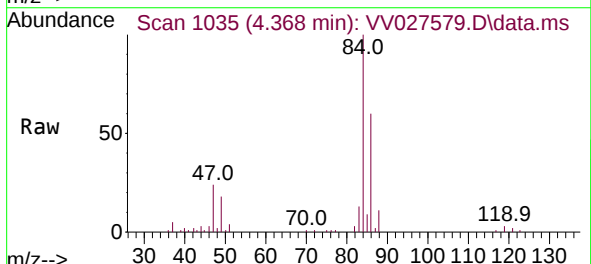
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MSVOA_V
ClientSampleId :
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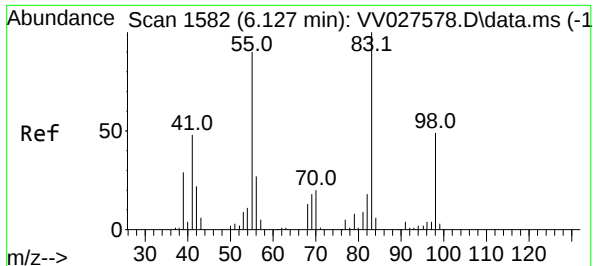
Tgt Ion: 84 Resp: 16736
Ion Ratio Lower Upper
84 100
86 63.7 44.0 81.6
49 124.7 89.4 166.0



#25
Chloroform
Concen: 0.218 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

Tgt Ion: 83 Resp: 6109
Ion Ratio Lower Upper
83 100
85 69.5 43.3 80.5

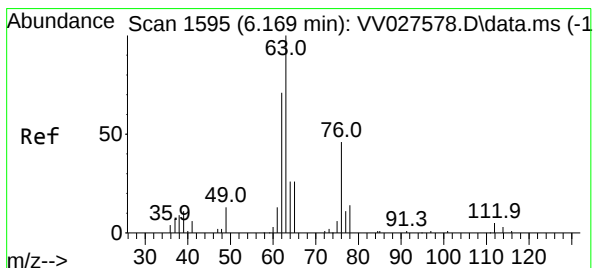
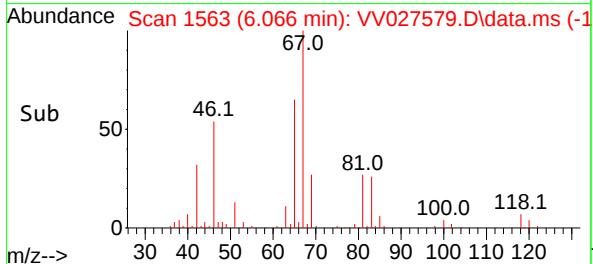
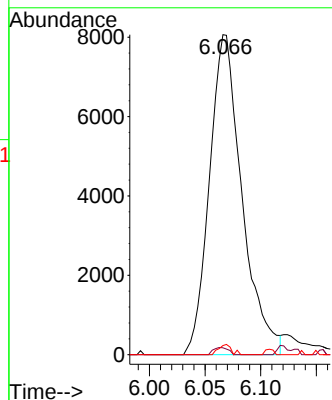
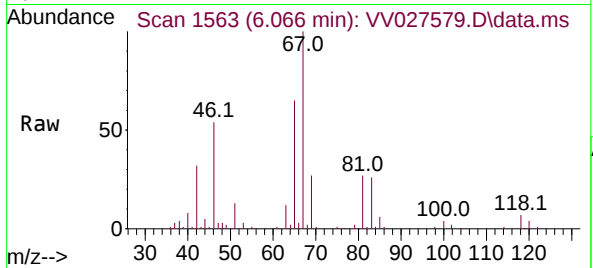




#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

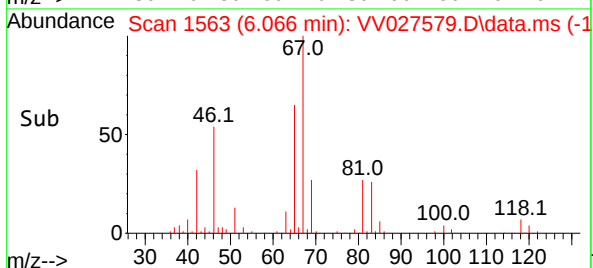
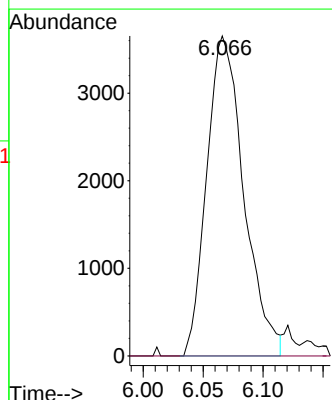
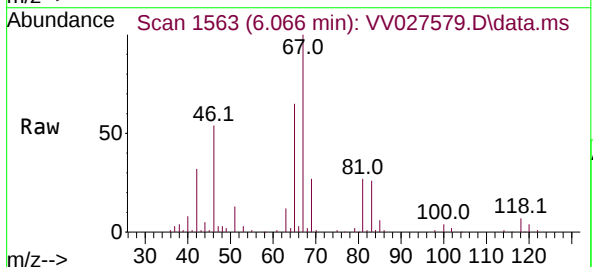
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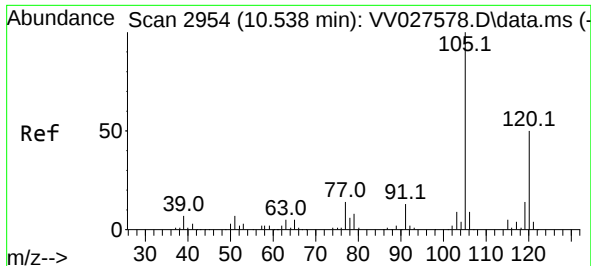
Tgt Ion: 83 Resp: 16373
Ion Ratio Lower Upper
83 100
55 1.0 68.2 102.4#
98 1.2 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

Tgt Ion: 63 Resp: 7863
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027579.D

Acq: 30 Aug 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

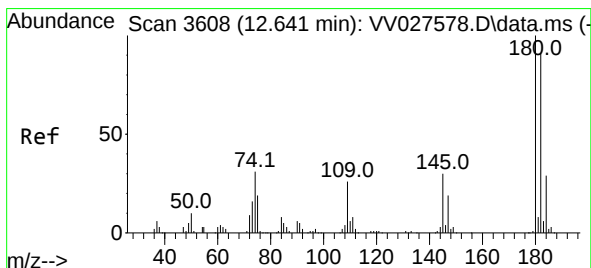
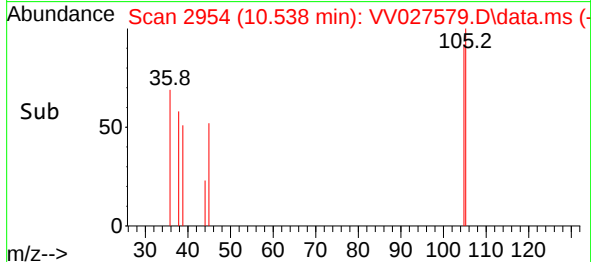
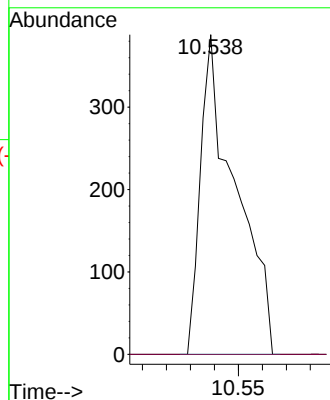
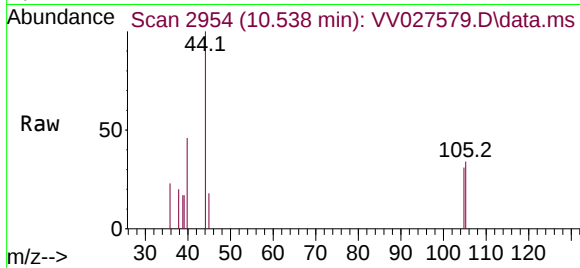
VBLK217

Tgt Ion:105 Resp: 393

Ion Ratio Lower Upper

105 100

120 0.0 38.7 58.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.071 ug/L

RT: 12.651 min Scan# 3611

Delta R.T. 0.010 min

Lab File: VV027579.D

Acq: 30 Aug 2022 12:15

Tgt Ion:180 Resp: 1115

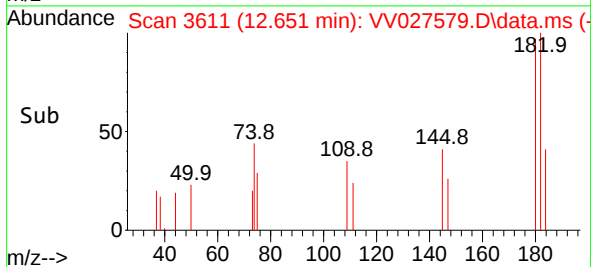
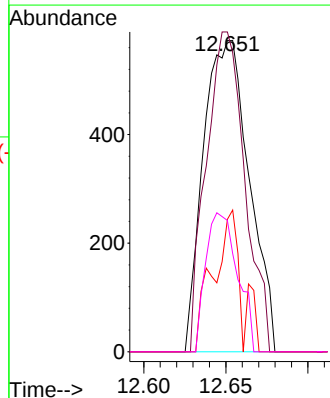
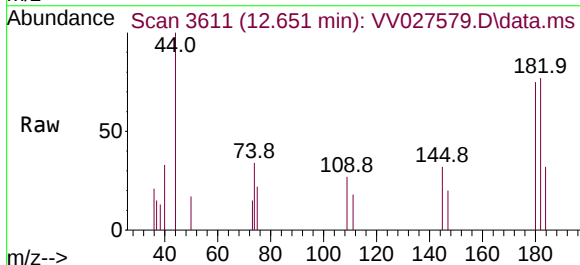
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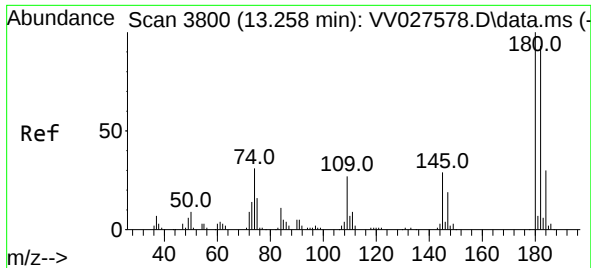
180 100

182 86.5 74.1 111.1

184 23.9 23.2 34.8

145 31.0 24.1 36.1

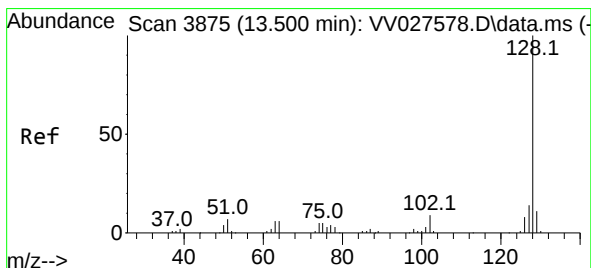
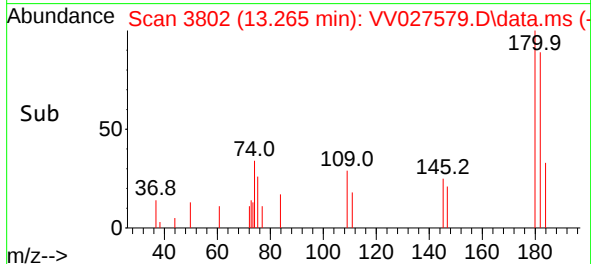
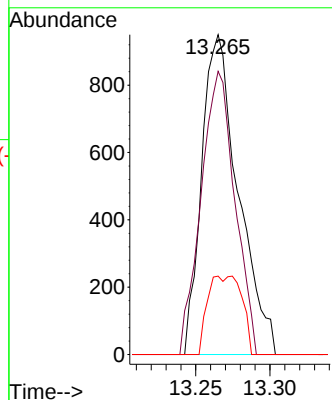
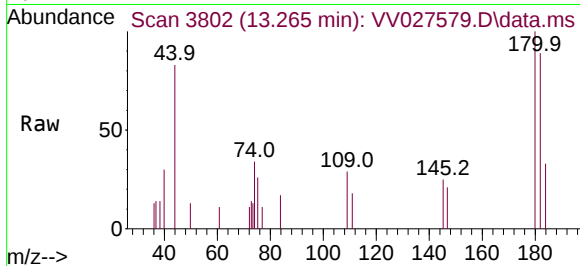




#70
1,2,4-trichlorobenzene
Concen: 0.143 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.007 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

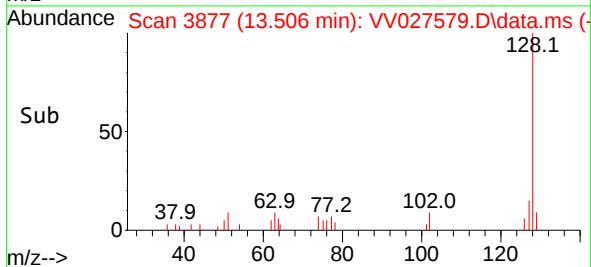
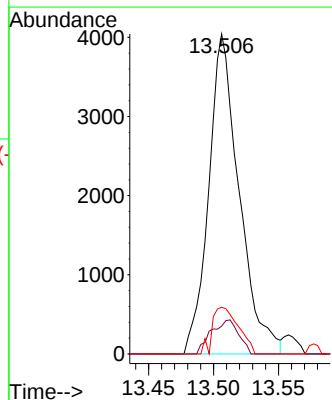
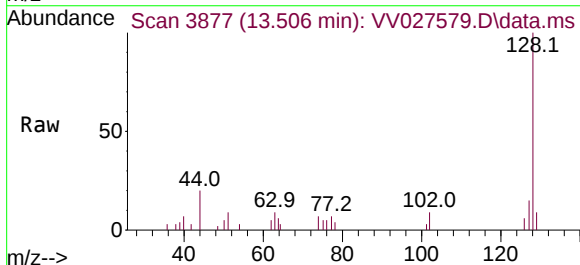
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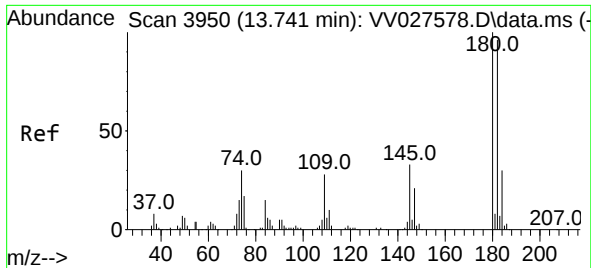
Tgt Ion:180 Resp: 1628
Ion Ratio Lower Upper
180 100
182 81.8 76.0 114.0
145 11.4 24.9 37.3#



#71
Naphthalene
Concen: 0.420 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV027579.D
Acq: 30 Aug 2022 12:15

Tgt Ion:128 Resp: 6582
Ion Ratio Lower Upper
128 100
129 9.6 8.7 13.1
127 12.5 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.153 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: VV027579.D
 Acq: 30 Aug 2022 12:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK217

Tgt Ion:180	Resp:	1548
Ion	Ratio	Lower Upper
180	100	
182	93.8	75.3 112.9
145	38.2	26.6 39.8

