

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025603.D
 Acq On : 18 Apr 2022 12:45
 Operator : SY/MD
 Sample : VW0418WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK346

Quant Time: Apr 19 05:07:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

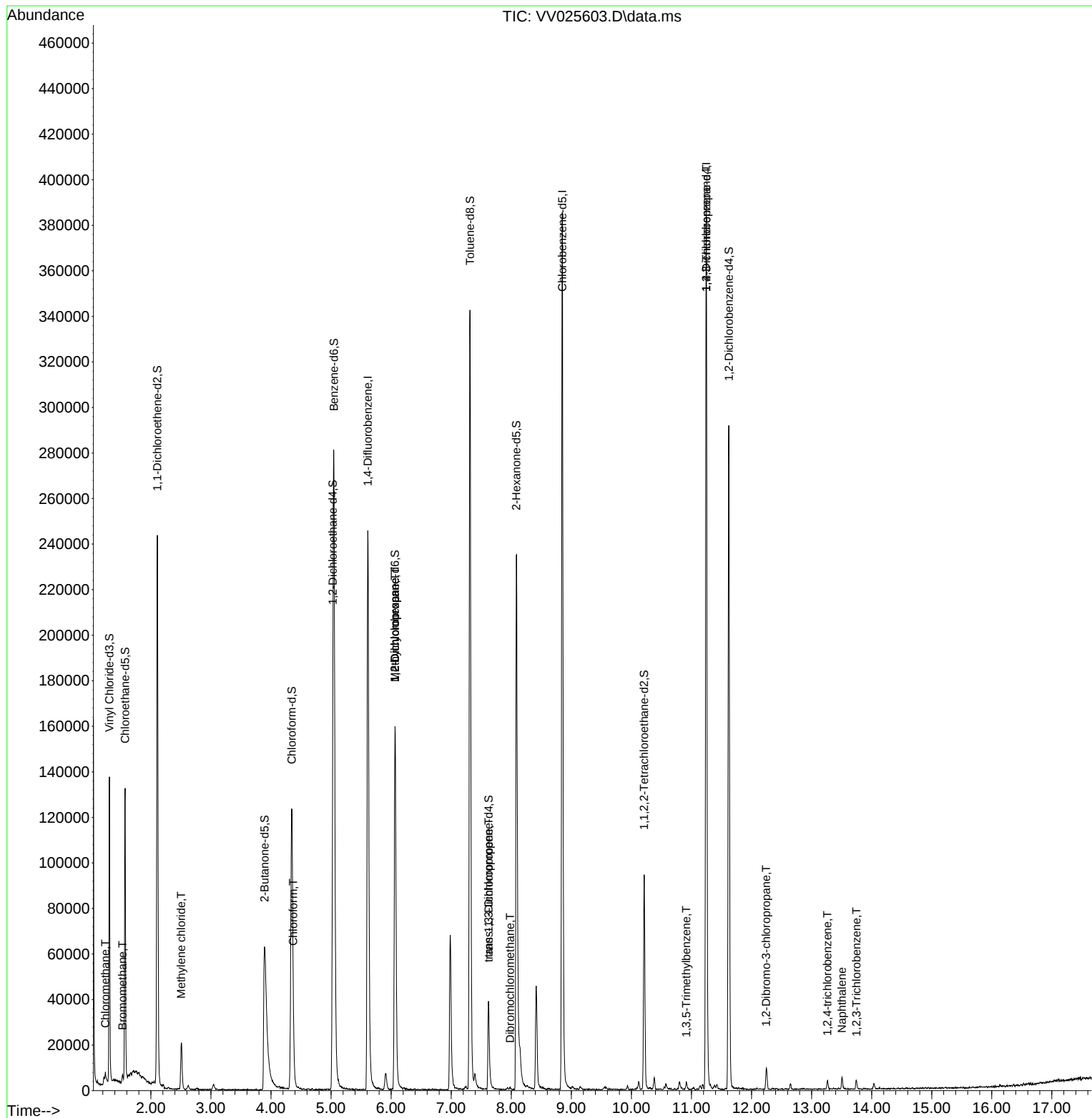
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	218529	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	211611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	82523	4.062	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.571	69	80074	3.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.108	63	128445	3.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.892	46	107287	43.412	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.820%
24) Chloroform-d	4.346	84	128268	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.031	65	58529	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.047	84	263250	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.066	67	76032	4.453	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.313	98	227273	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.622	79	22885	3.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.085	63	81739	40.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44663	4.140	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	72508	4.343	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2322	0.108	ug/L	96
6) Bromomethane	1.529	94	1409	0.081	ug/L	77
16) Methylene chloride	2.507	84	8752	0.476	ug/L	92
25) Chloroform	4.371	83	2428	0.086	ug/L	97
35) Methylcyclohexane	6.066	83	19123	0.722	ug/L #	27
37) 1,2-Dichloropropane	6.066	63	8762	0.606	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1247	0.085	ug/L	93
49) Dibromochloromethane	7.982	129	262	0.025	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	12674	1.933	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.915	105	1017	0.037	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.242	75	353	0.311	ug/L #	2
70) 1,2,4-trichlorobenzene	13.265	180	1359	0.081	ug/L	97
71) Naphthalene	13.506	128	4801	0.194	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.747	180	1371	0.098	ug/L #	94

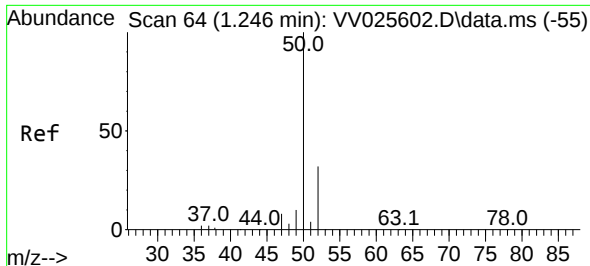
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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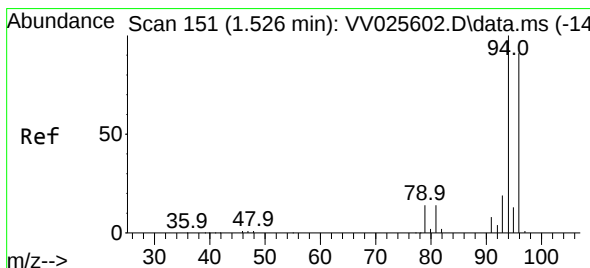
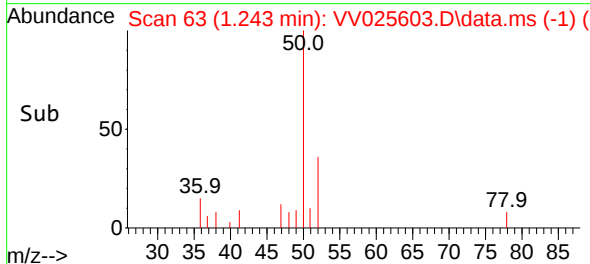
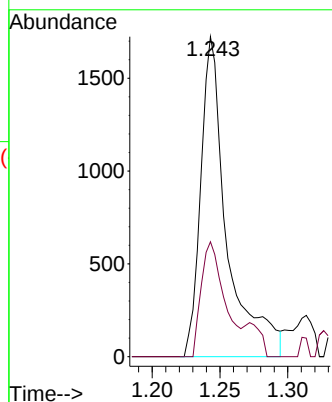
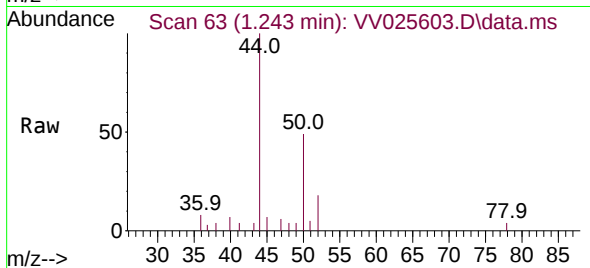




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

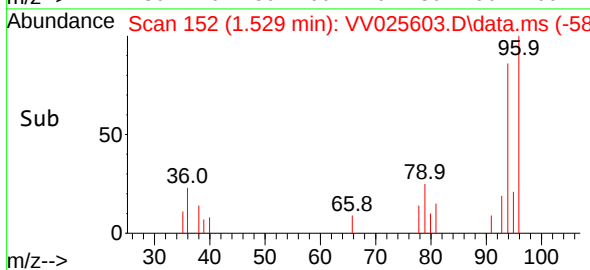
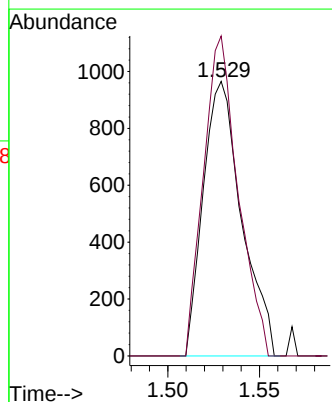
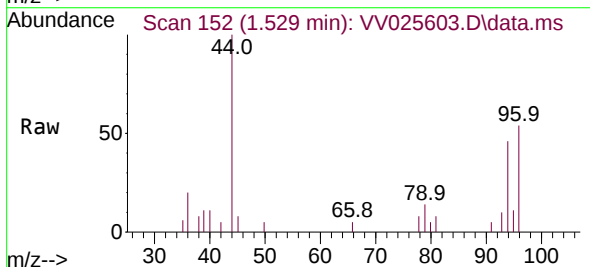
Instrument :
MSVOA_V
ClientSampleId :
VBLK346

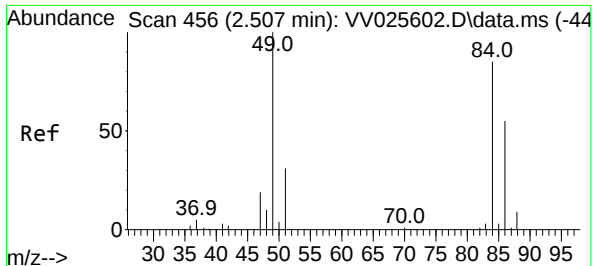
Tgt Ion: 50 Resp: 2322
Ion Ratio Lower Upper
50 100
52 35.9 23.7 43.9



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.003 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

Tgt Ion: 94 Resp: 1409
Ion Ratio Lower Upper
94 100
96 116.6 66.1 122.7

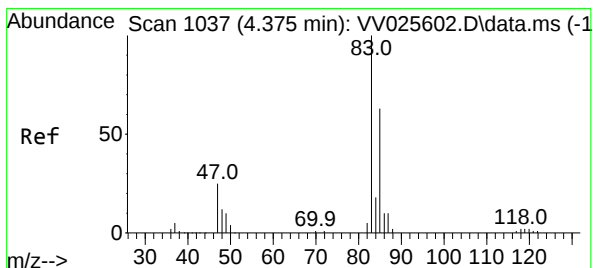
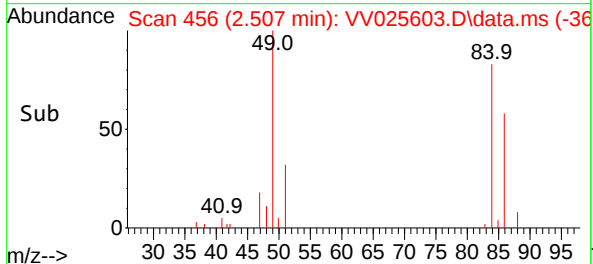
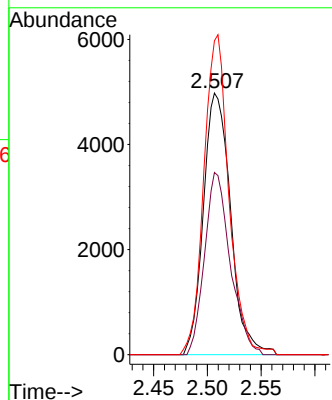
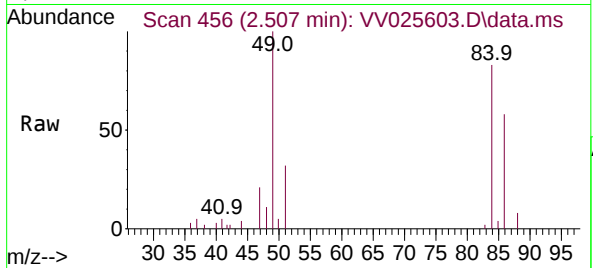




#16
Methylene chloride
Concen: 0.476 ug/L
RT: 2.507 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

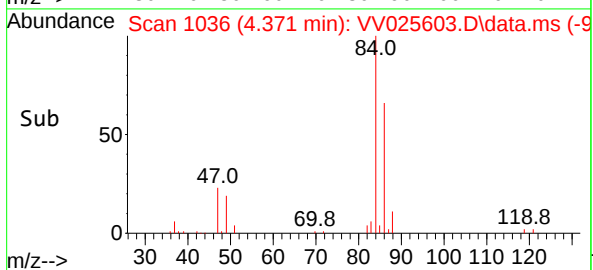
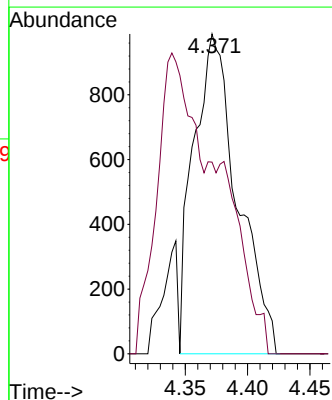
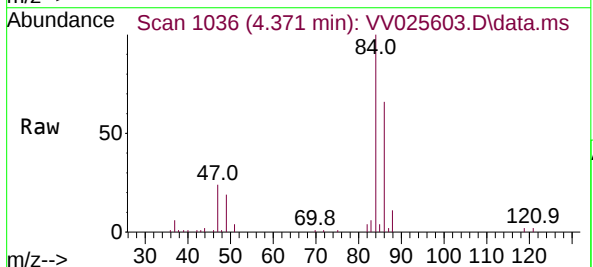
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ClientSampleId :
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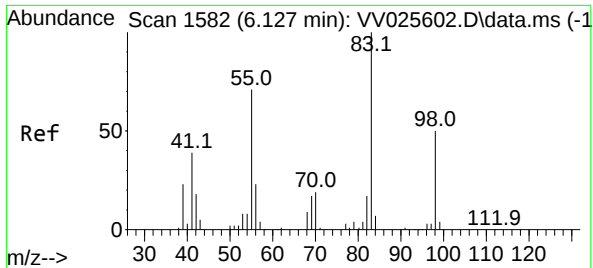
Tgt Ion: 84 Resp: 8752
Ion Ratio Lower Upper
84 100
86 69.6 45.9 85.3
49 120.0 76.6 142.3



#25
Chloroform
Concen: 0.086 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

Tgt Ion: 83 Resp: 2428
Ion Ratio Lower Upper
83 100
85 59.9 43.5 80.7

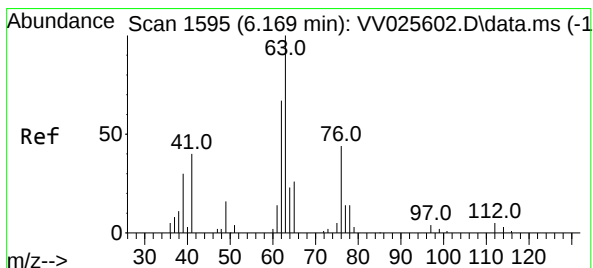
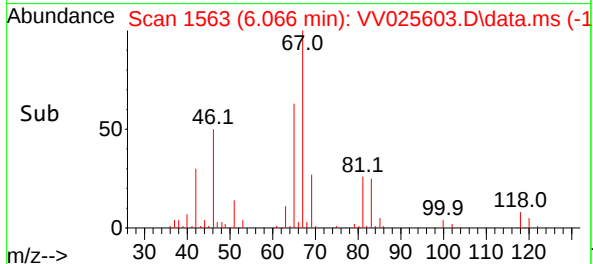
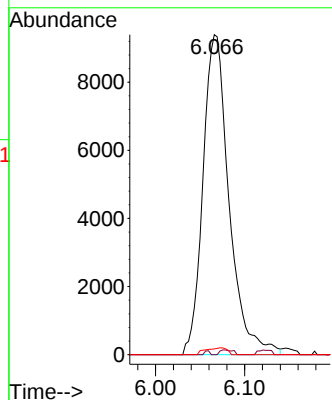
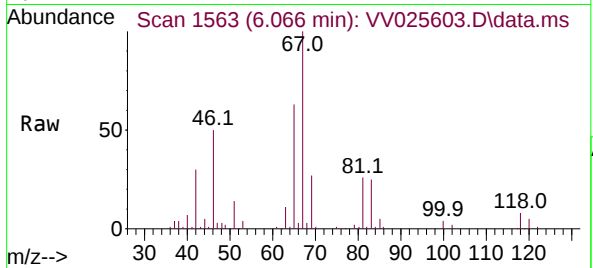




#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

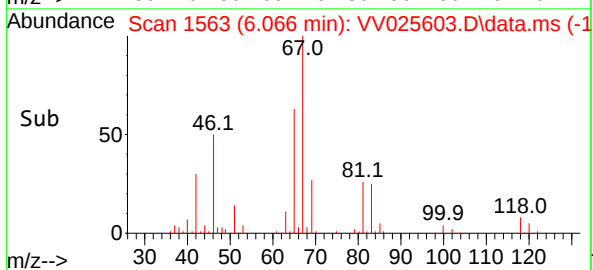
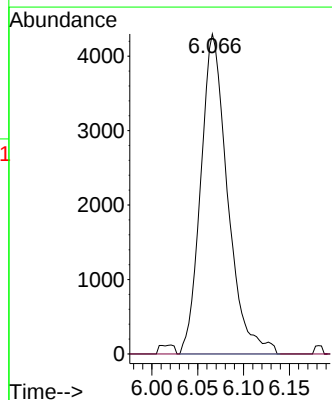
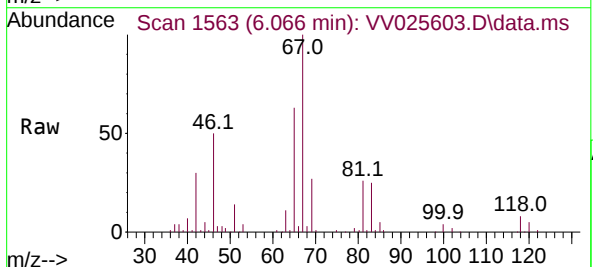
Instrument :
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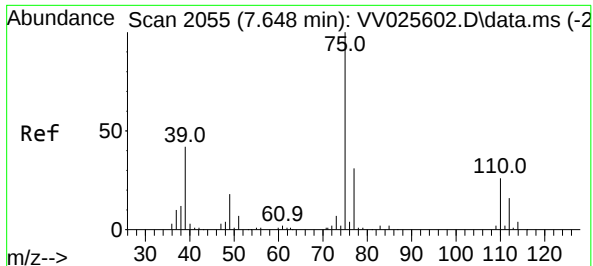
Tgt Ion: 83 Resp: 19123
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 9.4 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

Tgt Ion: 63 Resp: 8762
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

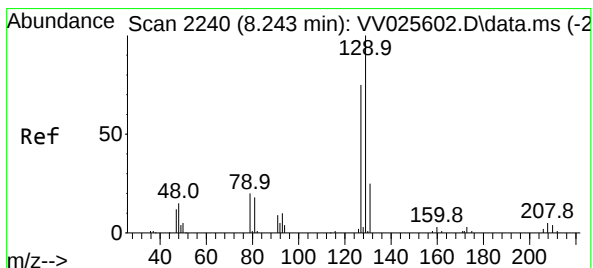
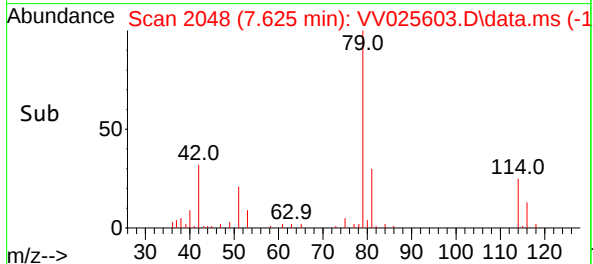
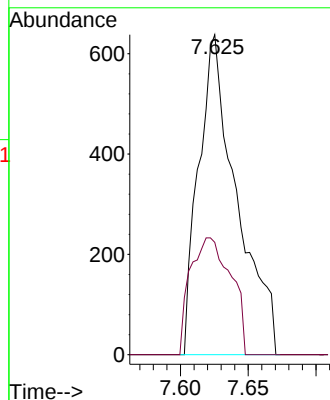
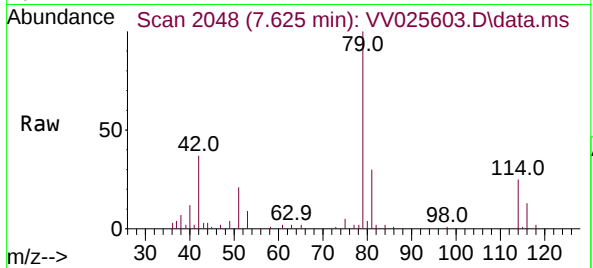




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.023 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

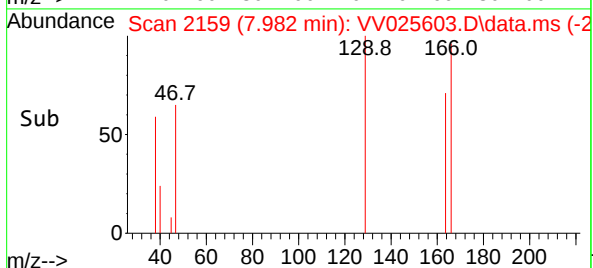
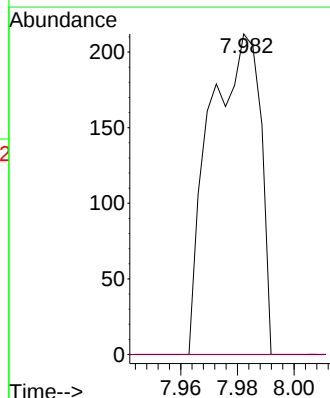
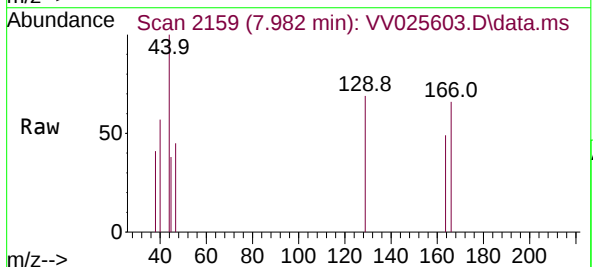
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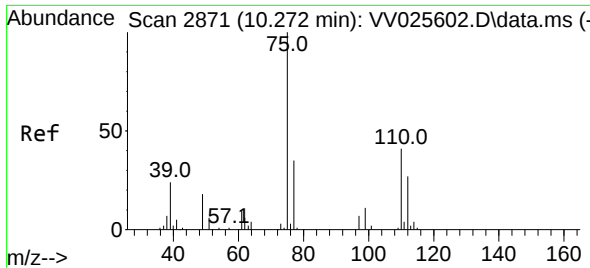
Tgt Ion: 75 Resp: 1247
Ion Ratio Lower Upper
75 100
77 35.1 21.7 40.3



#49
Dibromochloromethane
Concen: 0.025 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.261 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

Tgt Ion: 129 Resp: 262
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

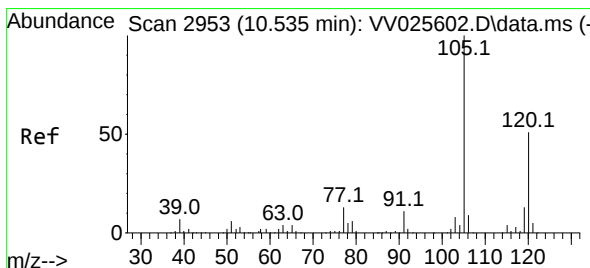
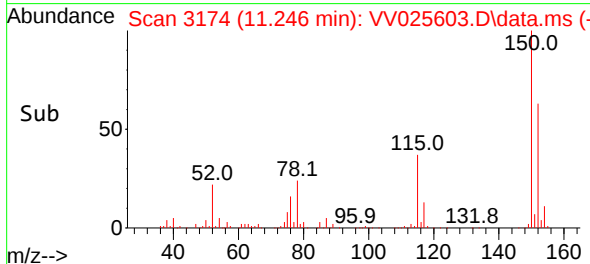
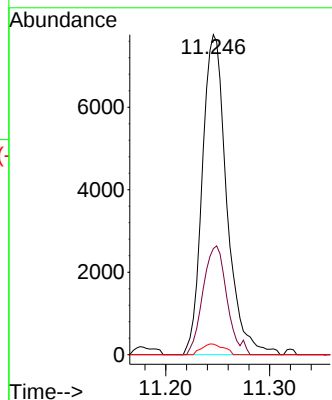
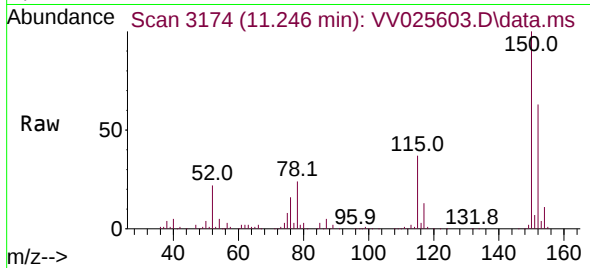




#61
 1,2,3-Trichloropropane
 Concen: 1.933 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025603.D
 Acq: 18 Apr 2022 12:45

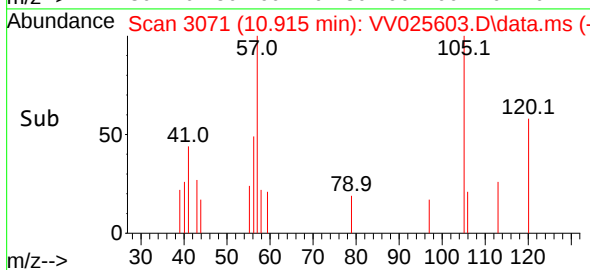
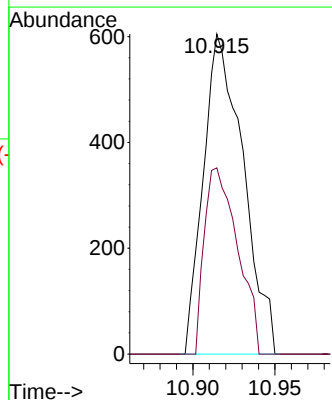
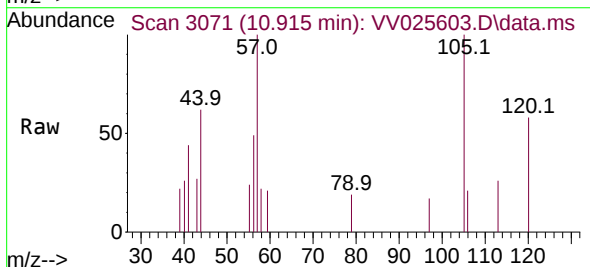
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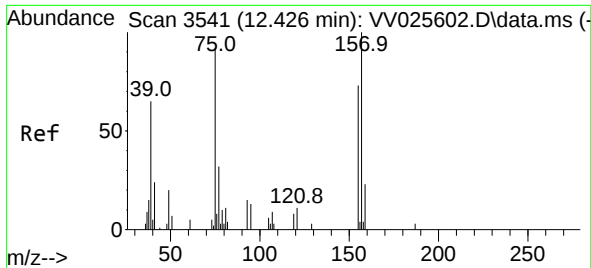
Tgt Ion: 75 Resp: 12674
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.6 38.4
 110 3.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.037 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.379 min
 Lab File: VV025603.D
 Acq: 18 Apr 2022 12:45

Tgt Ion: 105 Resp: 1017
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.6 59.4

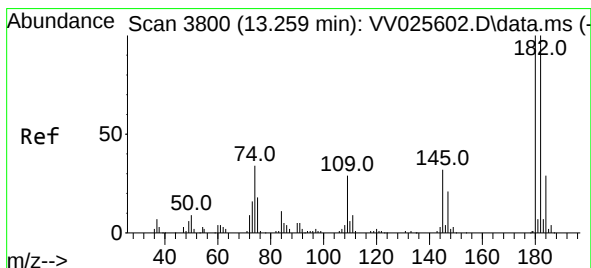
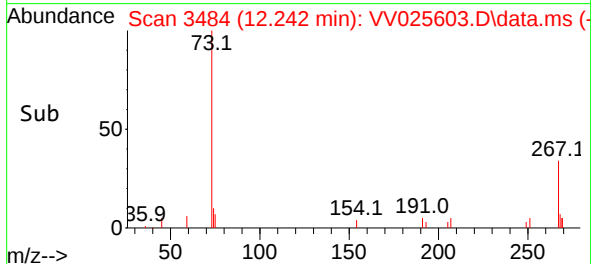
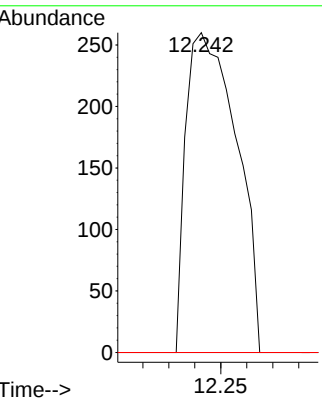
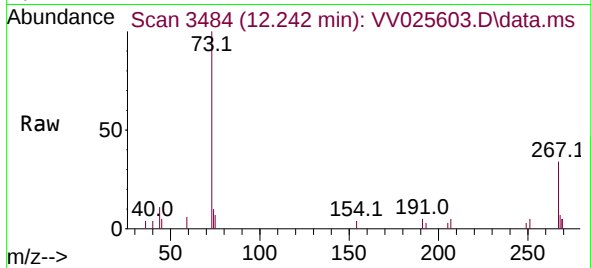




#68
1,2-Dibromo-3-chloropropane
Concen: 0.311 ug/L
RT: 12.242 min Scan# 341
Delta R.T. -0.183 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

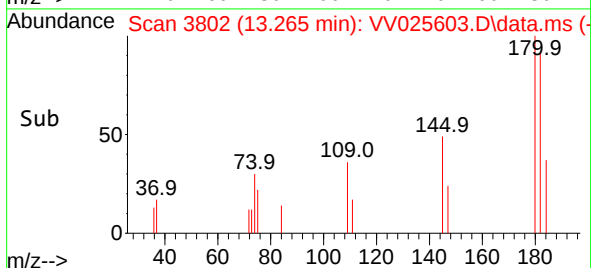
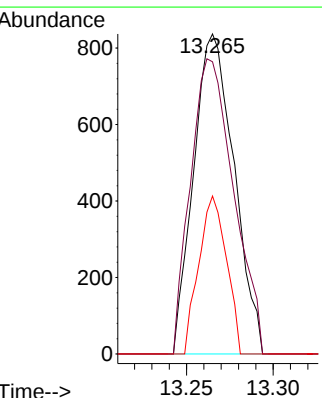
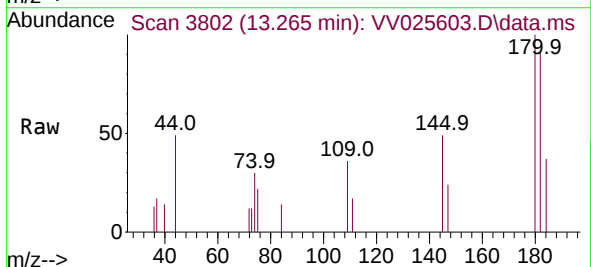
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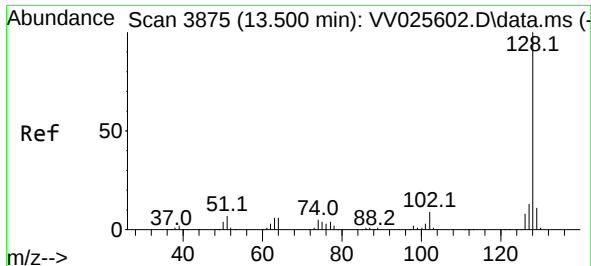
Tgt Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#70
1,2,4-trichlorobenzene
Concen: 0.081 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025603.D
Acq: 18 Apr 2022 12:45

Tgt Ion: 180 Resp: 1359
Ion Ratio Lower Upper
180 100
182 98.5 76.6 114.8
145 33.7 24.6 36.8





#71
Naphthalene

Concen: 0.194 ug/L

RT: 13.506 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV025603.D

Acq: 18 Apr 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VBLK346

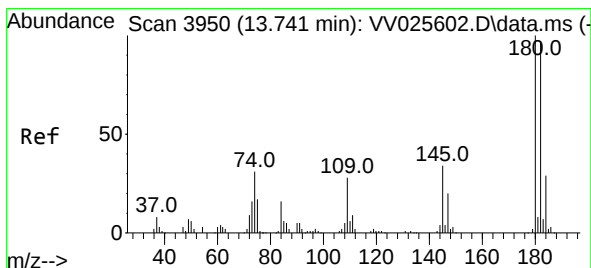
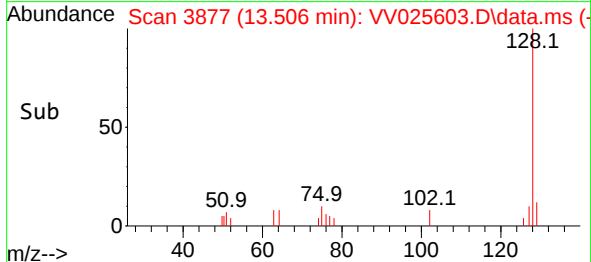
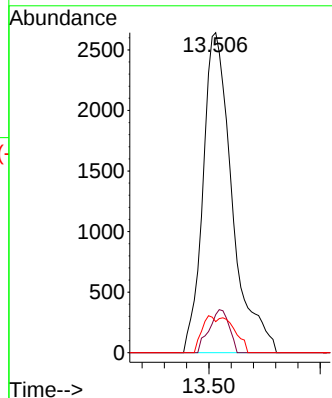
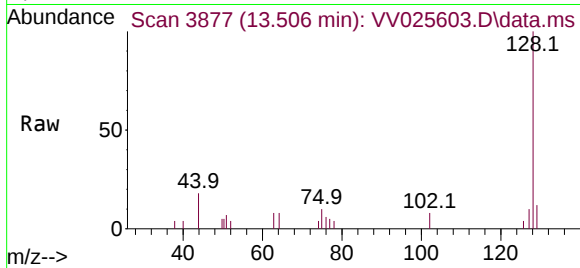
Tgt Ion:128 Resp: 4801

Ion Ratio Lower Upper

128 100

129 9.2 8.8 13.2

127 5.6 10.4 15.6#



#72

1,2,3-Trichlorobenzene

Concen: 0.098 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV025603.D

Acq: 18 Apr 2022 12:45

Tgt Ion:180 Resp: 1371

Ion Ratio Lower Upper

180 100

182 100.4 77.7 116.5

145 25.8 27.4 41.2#

