

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025183.D
 Acq On : 25 Mar 2022 17:16
 Operator : SY/MD
 Sample : N2097-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD5

Quant Time: Mar 25 23:23:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

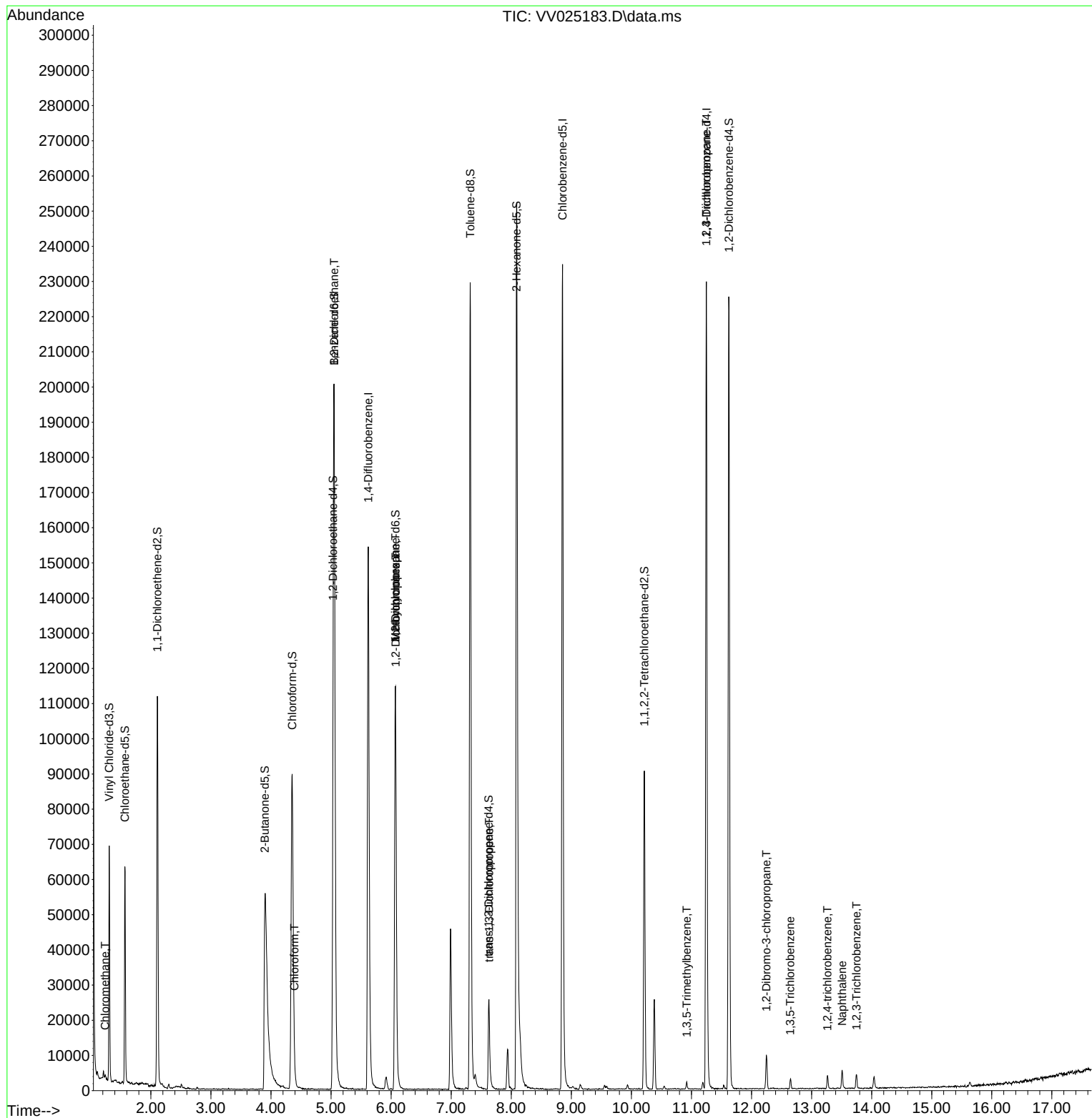
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42123	3.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.568	69	39657	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.108	63	57826	3.108	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.899	46	116606	83.824	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	167.640%#
24) Chloroform-d	4.352	84	101209	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.034	65	45504	5.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.053	84	193178	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.072	67	61060	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	160971	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.625	79	17401	4.292	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	93918	67.919	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.840%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46020	6.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	60768	5.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	578	0.048	ug/L	88
25) Chloroform	4.388	83	1891	0.095	ug/L	98
27) 1,2-Dichloroethane	5.053	62	952	0.097	ug/L #	71
35) Methylcyclohexane	6.072	83	15552	0.814	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	6004	0.576	ug/L #	86
44) trans-1,3-Dichloropropene	7.632	75	854	0.075	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	7317	1.375	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.921	105	1400	0.065	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.246	75	199	0.218	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.644	180	1168	0.080	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	1564	0.137	ug/L #	92
71) Naphthalene	13.509	128	5133	0.271	ug/L	95
72) 1,2,3-Trichlorobenzene	13.747	180	1617	0.168	ug/L #	95

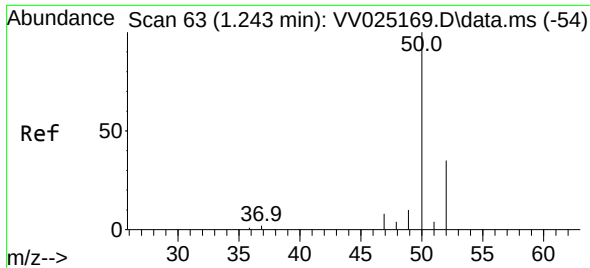
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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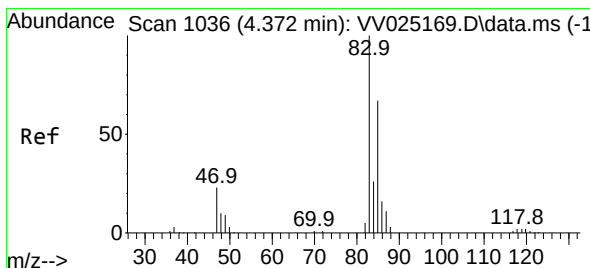
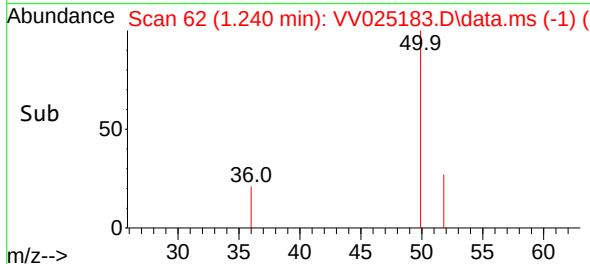
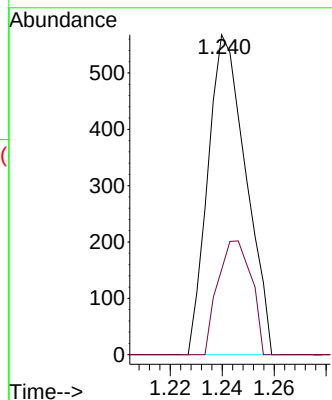
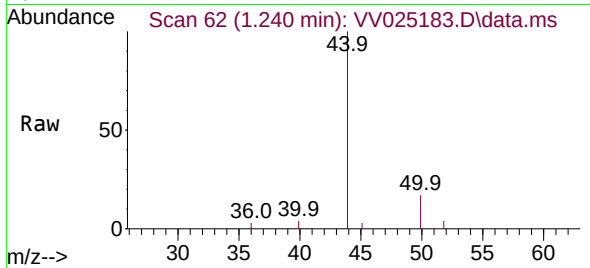




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

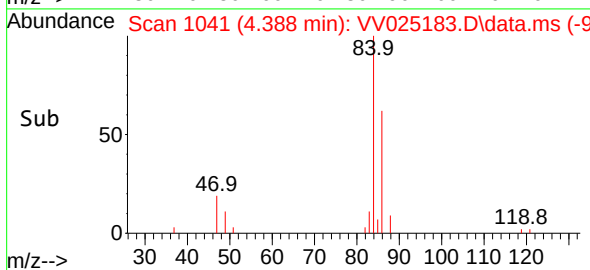
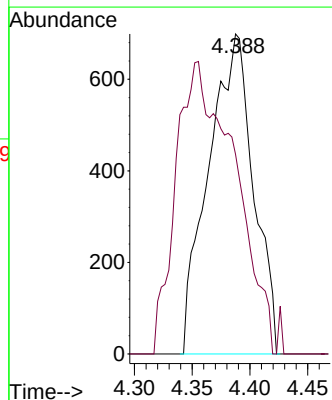
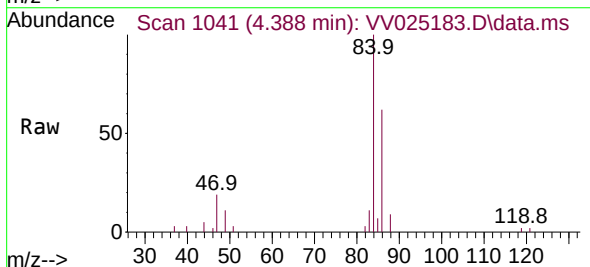
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MSVOA_V
ClientSampleId :
C0AD5

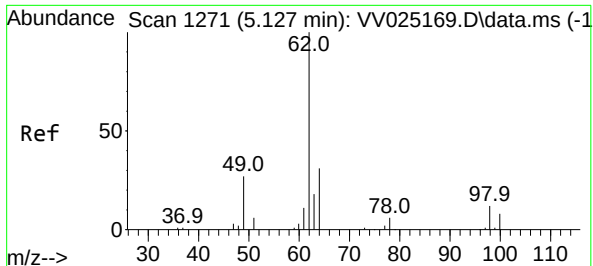
Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 26.6 23.2 43.2



#25
Chloroform
Concen: 0.095 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.016 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

Tgt Ion: 83 Resp: 1891
Ion Ratio Lower Upper
83 100
85 62.4 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV025183.D

Acq: 25 Mar 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

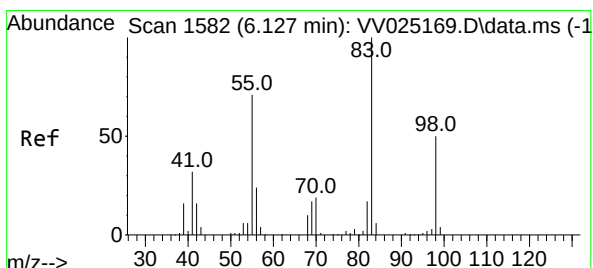
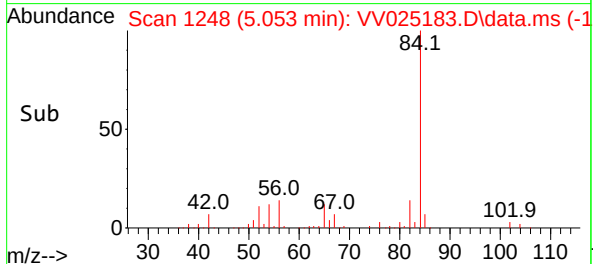
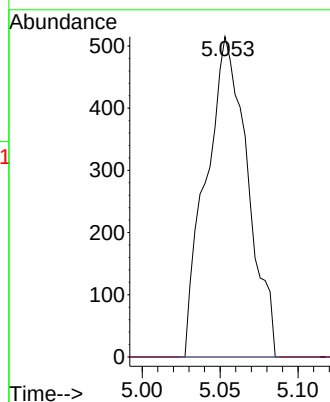
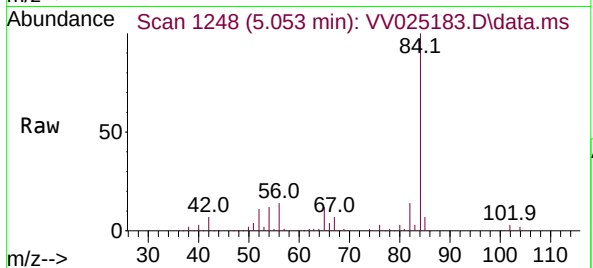
C0AD5

Tgt Ion: 62 Resp: 952

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025183.D

Acq: 25 Mar 2022 17:16

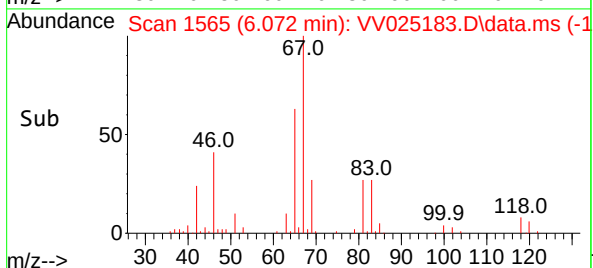
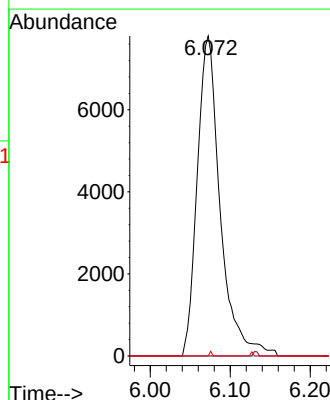
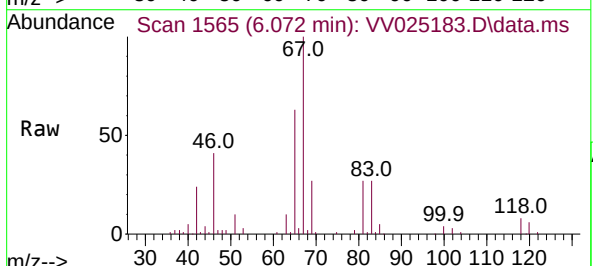
Tgt Ion: 83 Resp: 15552

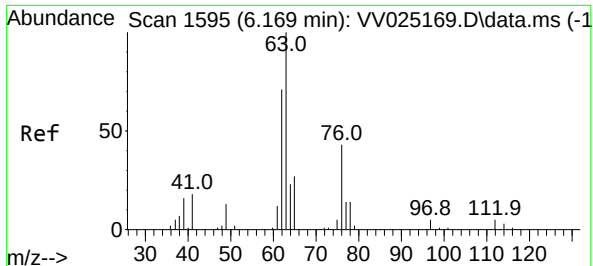
Ion Ratio Lower Upper

83 100

55 0.3 55.4 83.0#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV025183.D

Acq: 25 Mar 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

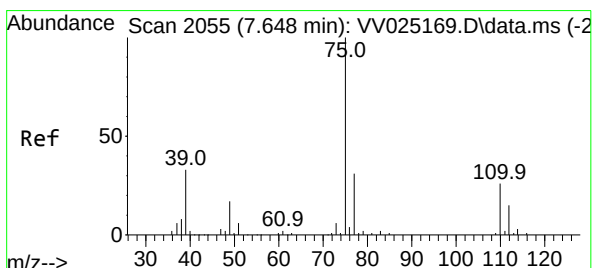
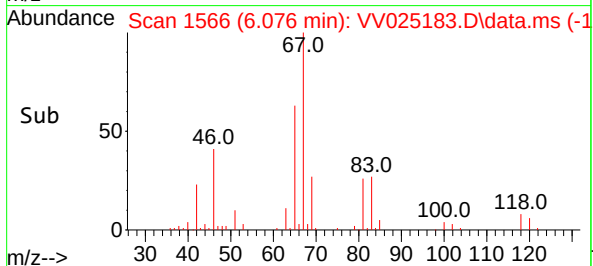
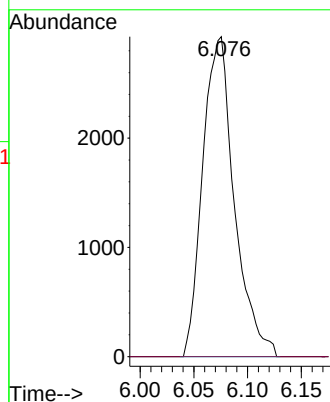
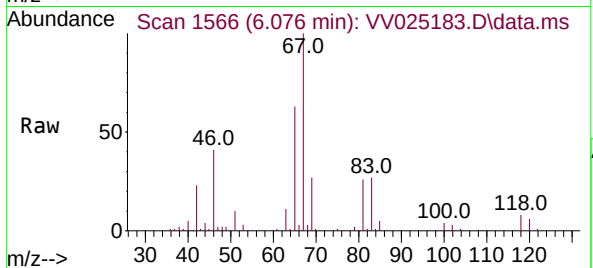
C0AD5

Tgt Ion: 63 Resp: 6004

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.016 min

Lab File: VV025183.D

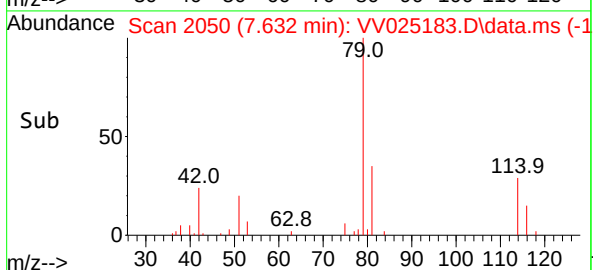
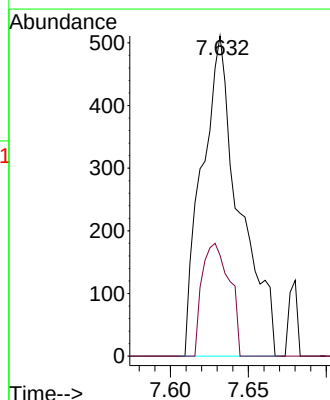
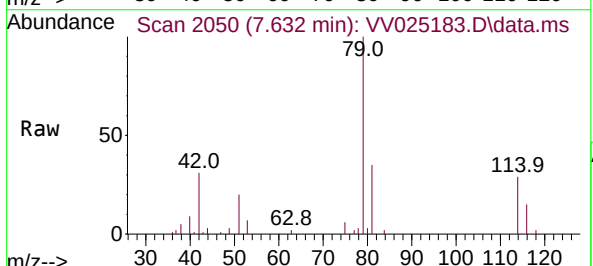
Acq: 25 Mar 2022 17:16

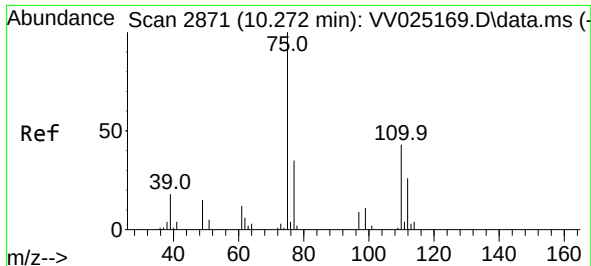
Tgt Ion: 75 Resp: 854

Ion Ratio Lower Upper

75 100

77 31.5 23.0 42.6

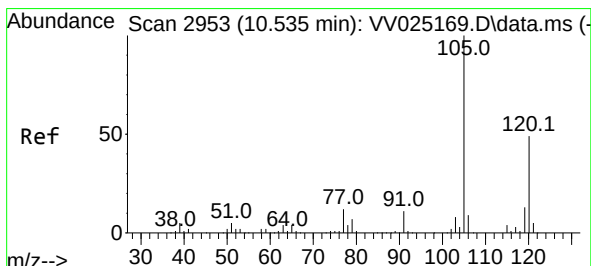
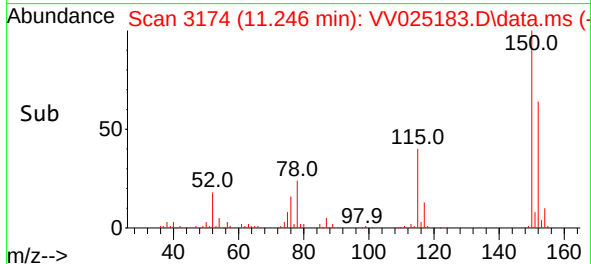
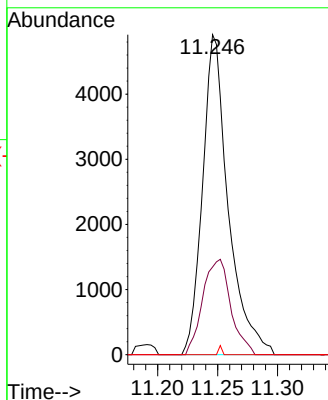
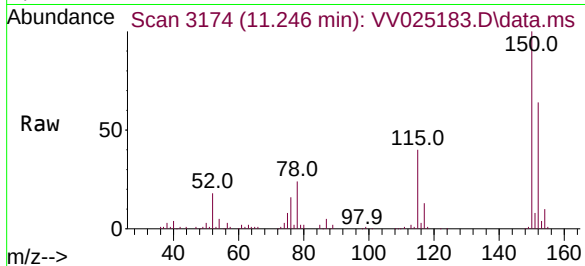




#61
1,2,3-Trichloropropane
Concen: 1.375 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

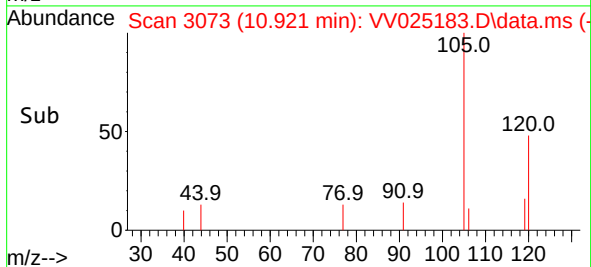
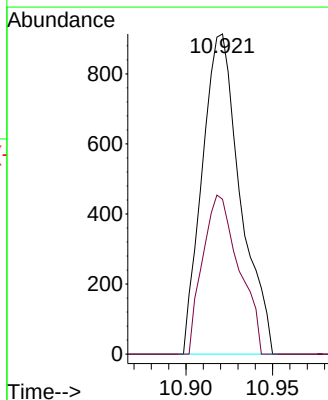
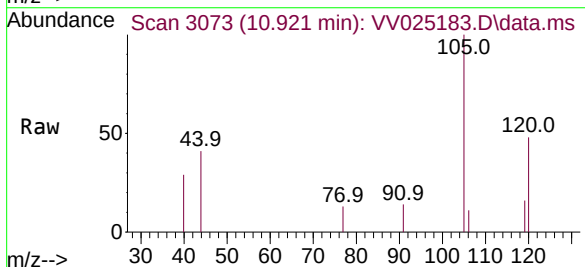
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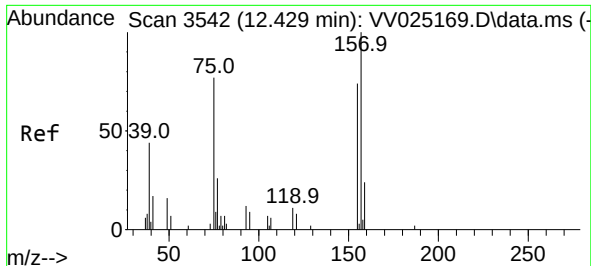
Tgt Ion: 75 Resp: 7317
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 0.4 31.2 46.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.065 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.386 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

Tgt Ion: 105 Resp: 1400
Ion Ratio Lower Upper
105 100
120 47.3 38.5 57.7

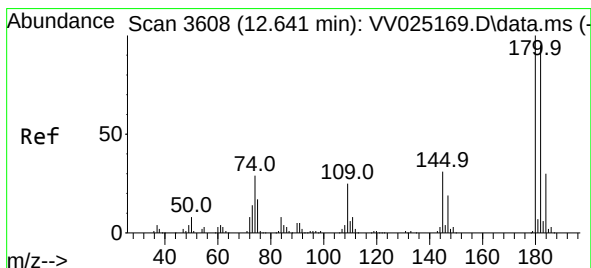
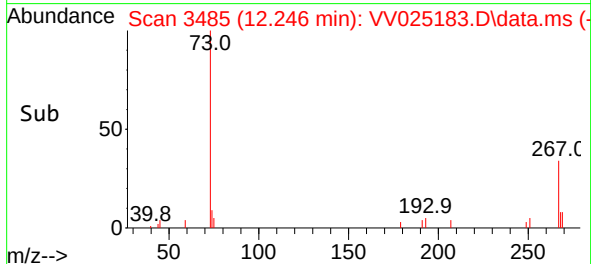
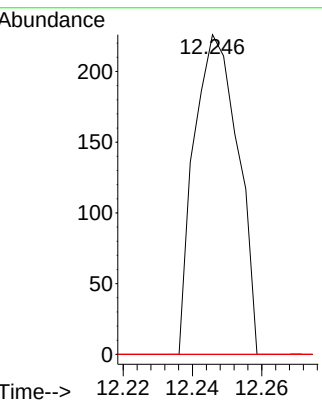
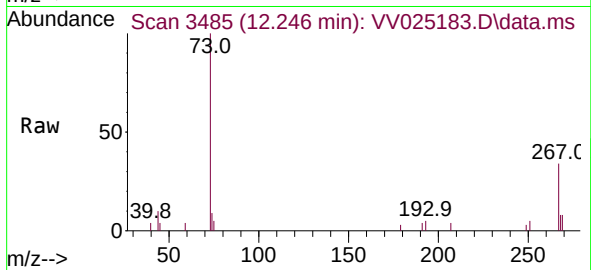




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.218 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV025183.D
 Acq: 25 Mar 2022 17:16

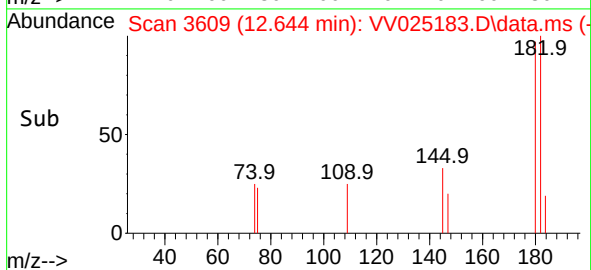
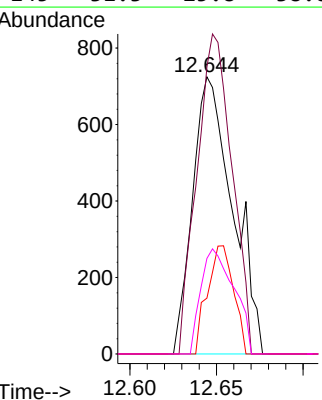
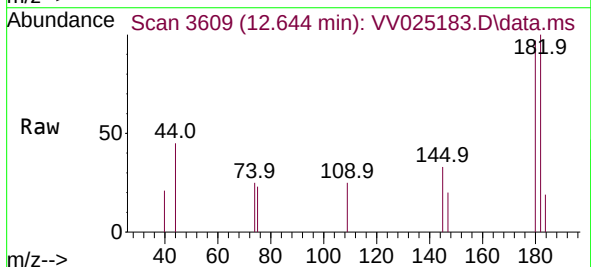
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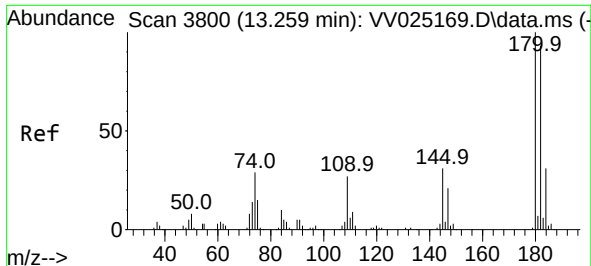
Tgt Ion: 75 Resp: 199
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.080 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV025183.D
 Acq: 25 Mar 2022 17:16

Tgt Ion: 180 Resp: 1168
 Ion Ratio Lower Upper
 180 100
 182 101.1 75.4 113.0
 184 25.3 24.2 36.4
 145 31.3 25.8 38.8

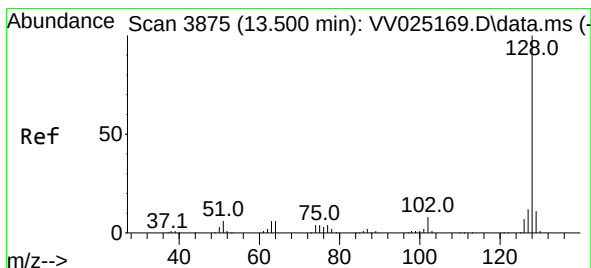
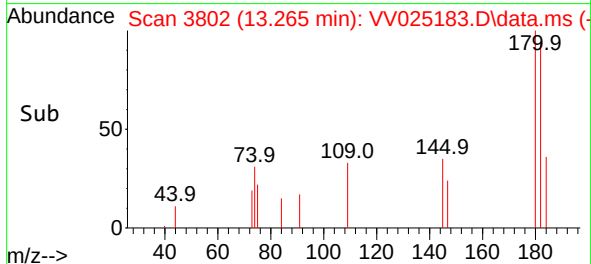
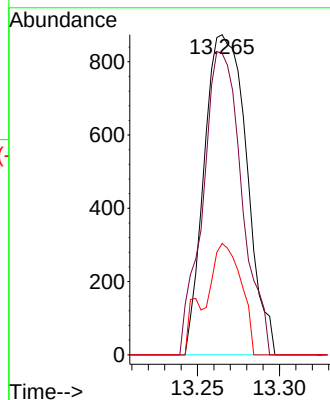
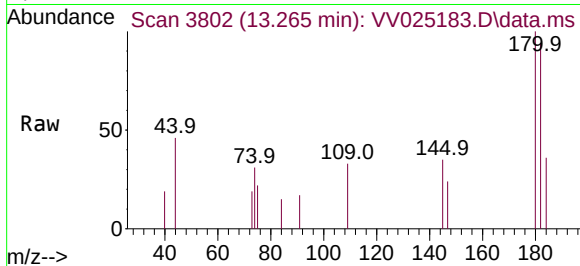




#70
1,2,4-trichlorobenzene
Concen: 0.137 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

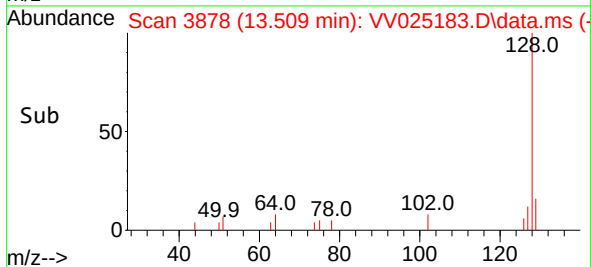
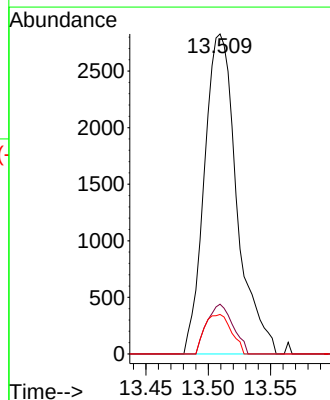
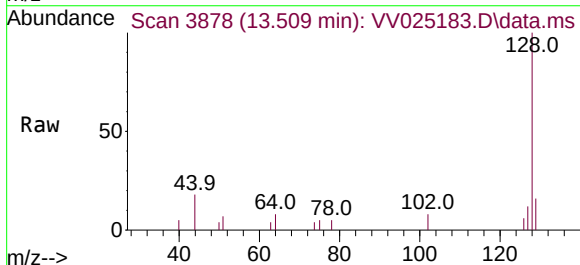
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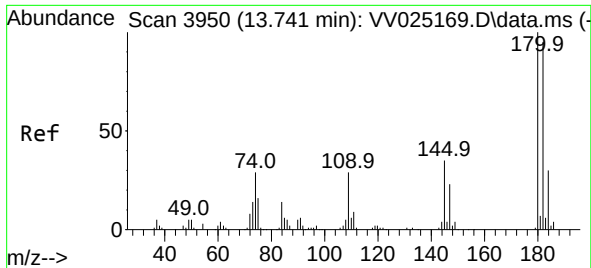
Tgt Ion:180 Resp: 1564
Ion Ratio Lower Upper
180 100
182 87.6 74.6 112.0
145 24.9 26.1 39.1#



#71
Naphthalene
Concen: 0.271 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025183.D
Acq: 25 Mar 2022 17:16

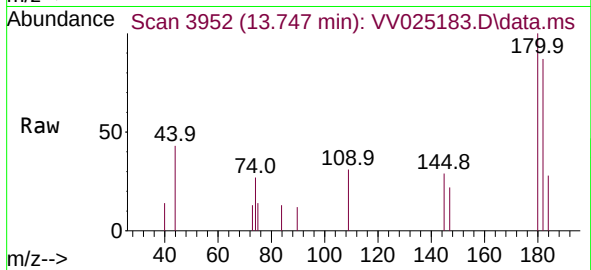
Tgt Ion:128 Resp: 5133
Ion Ratio Lower Upper
128 100
129 12.5 8.5 12.7
127 10.1 9.8 14.8





#72
 1,2,3-Trichlorobenzene
 Concen: 0.168 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.006 min
 Lab File: VV025183.D
 Acq: 25 Mar 2022 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD5



Tgt Ion:180 Resp: 1617
 Ion Ratio Lower Upper
 180 100
 182 91.6 74.8 112.2
 145 26.2 27.6 41.4#

