

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041222\
 Data File : VV025465.D
 Acq On : 12 Apr 2022 10:22
 Operator : SY/MD
 Sample : VV0412WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK340

Quant Time: Apr 13 02:31:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

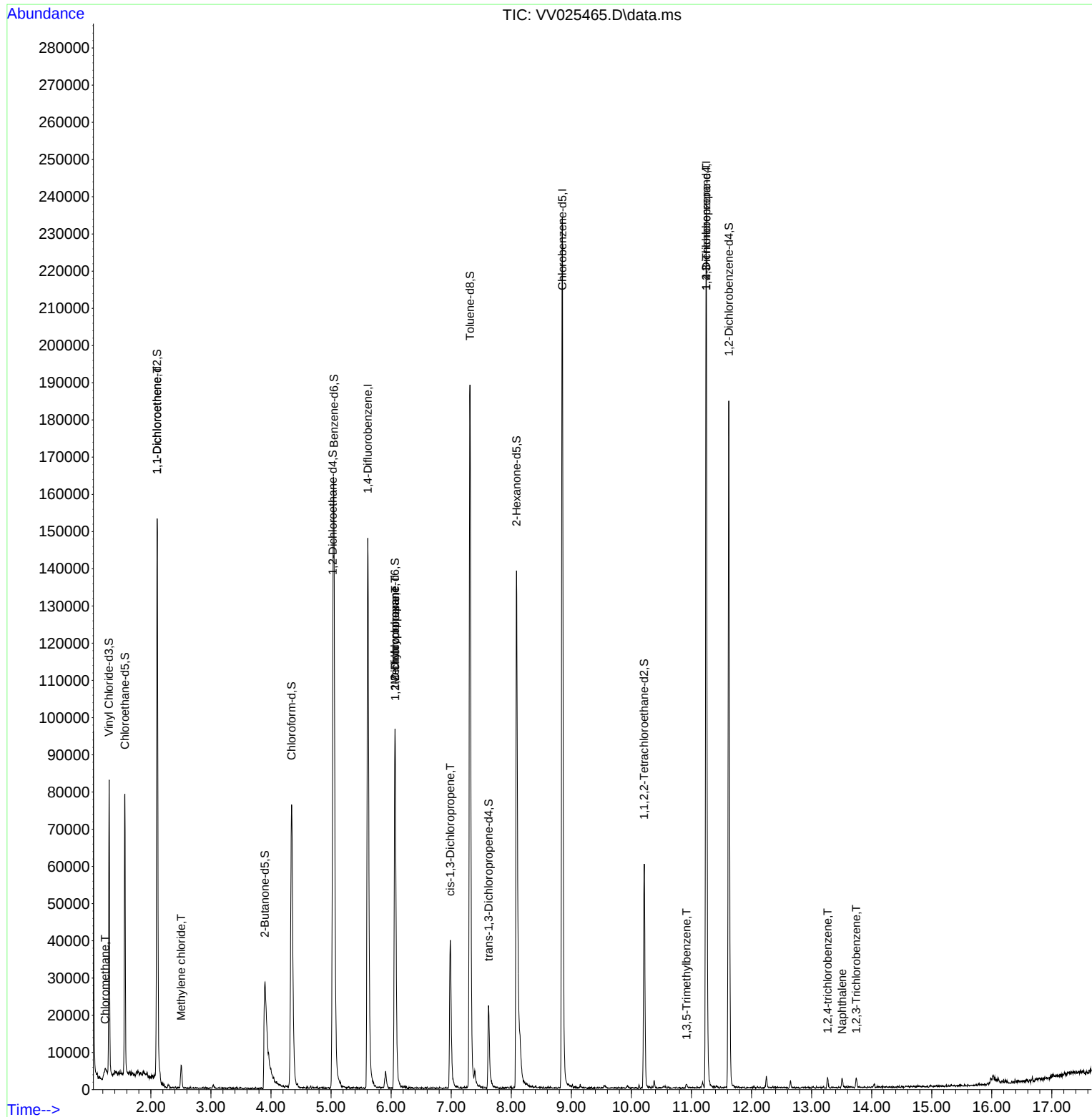
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	132050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49086	3.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	48350	3.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.105	63	79178	3.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.899	46	69634	46.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.260%
24) Chloroform-d	4.343	84	79747	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.031	65	37266	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.047	84	156835	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.063	67	46352	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.314	98	131795	3.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.622	79	13167	3.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.088	63	50760	40.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29285	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	47126	4.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	505	0.039	ug/L	86
12) 1,1-Dichloroethene	2.105	96	919	0.080	ug/L #	1
16) Methylene chloride	2.507	84	2583	0.233	ug/L	88
35) Methylcyclohexane	6.066	83	11576	0.698	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5678	0.627	ug/L #	88
39) cis-1,3-Dichloropropene	6.986	75	1269	0.107	ug/L	86
61) 1,2,3-Trichloropropane	11.246	75	7832	1.913	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.918	105	771	0.045	ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	988	0.094	ug/L #	18
71) Naphthalene	13.509	128	2654	0.172	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	965	0.111	ug/L	95

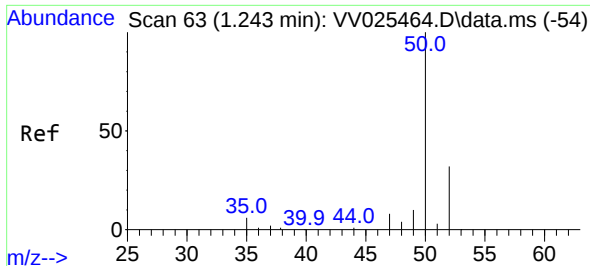
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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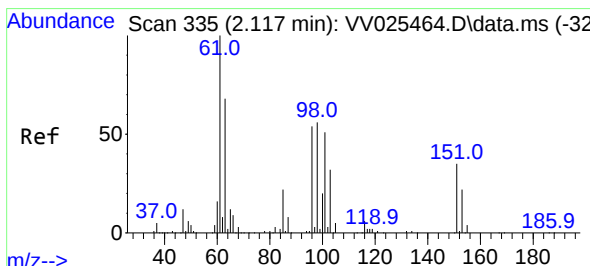
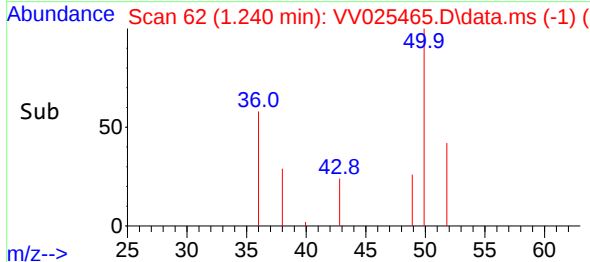
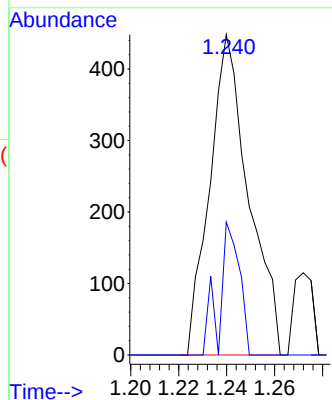
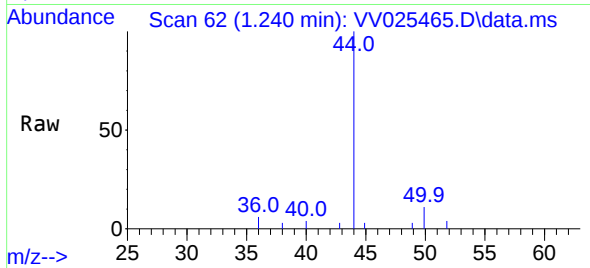




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

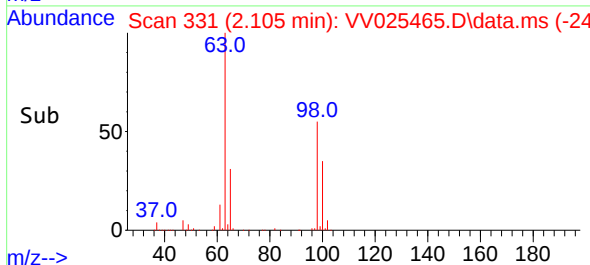
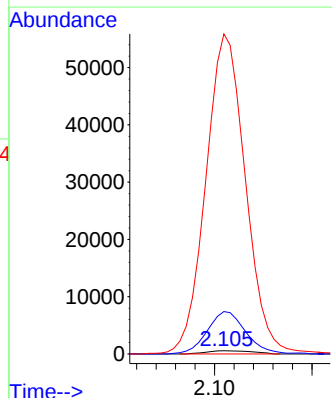
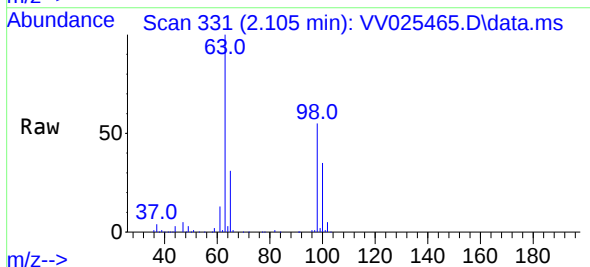
Instrument :
MSVOA_V
ClientSampleId :
VBLK340

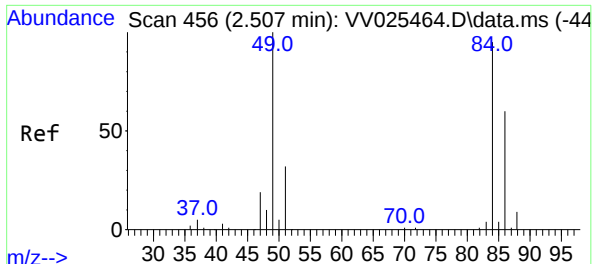
Tgt Ion: 50 Resp: 505
Ion Ratio Lower Upper
50 100
52 41.5 23.7 43.9



#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

Tgt Ion: 96 Resp: 919
Ion Ratio Lower Upper
96 100
61 1331.2 125.2 232.4#
63 10032.3 114.4 212.4#

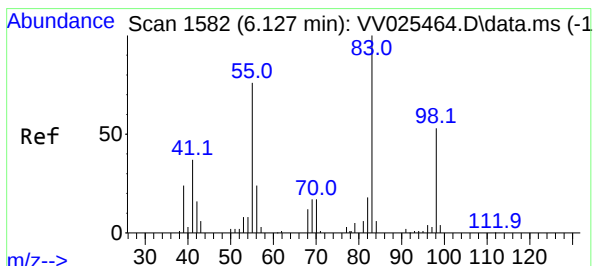
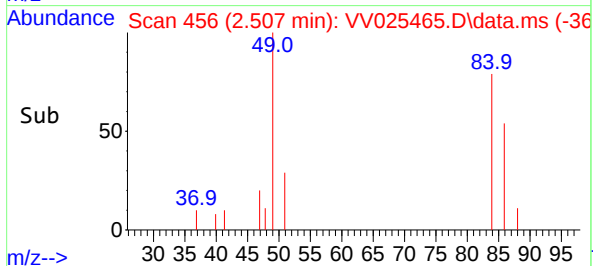
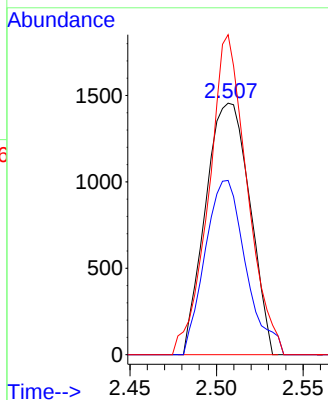
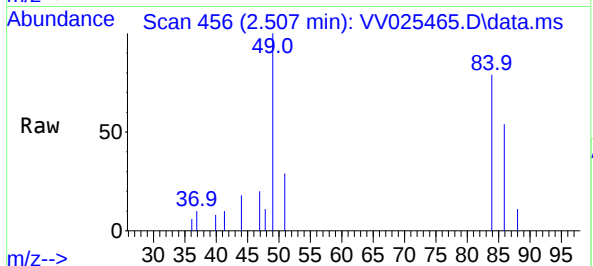




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

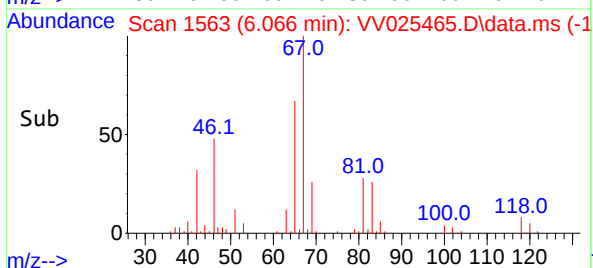
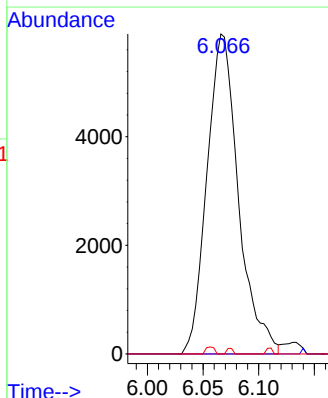
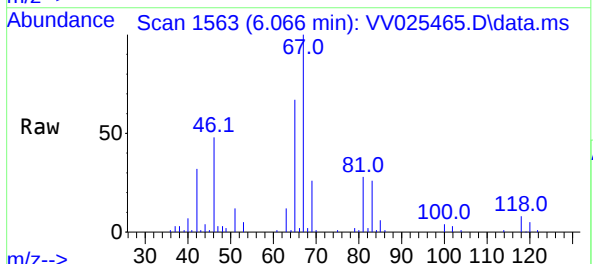
Instrument :
MSVOA_V
ClientSampleId :
VBLK340

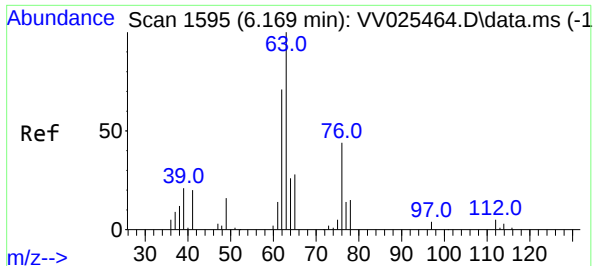
Tgt Ion: 84 Resp: 2583
Ion Ratio Lower Upper
84 100
86 69.2 45.9 85.3
49 127.2 76.6 142.3



#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

Tgt Ion: 83 Resp: 11576
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 0.3 39.6 59.4#

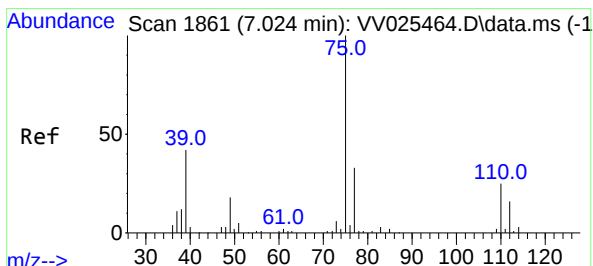
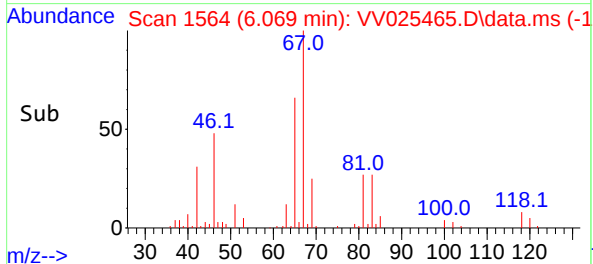
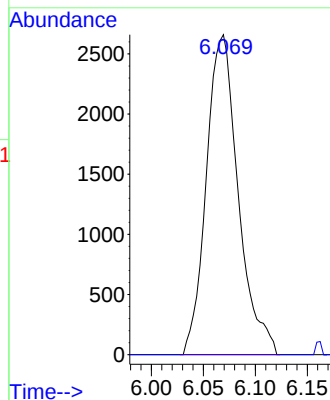
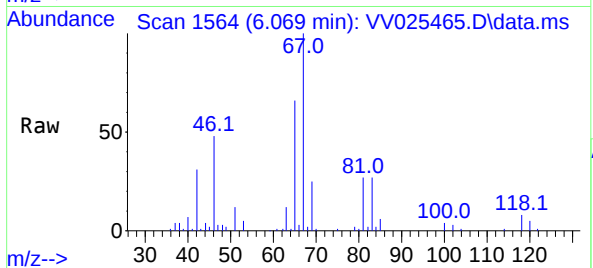




#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

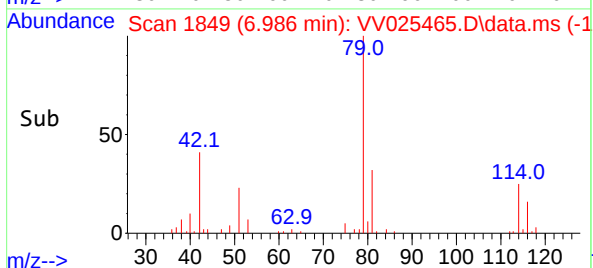
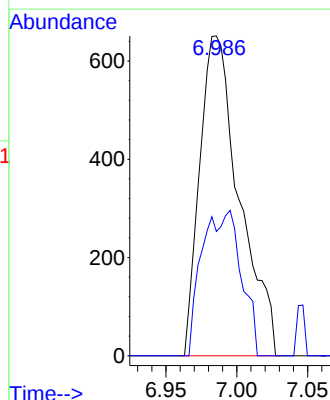
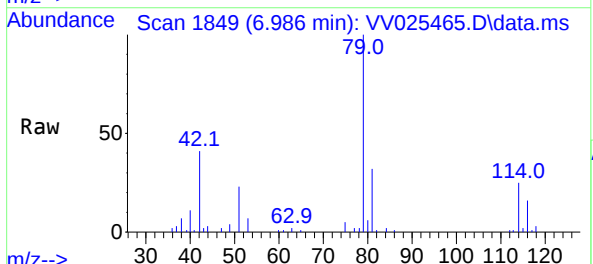
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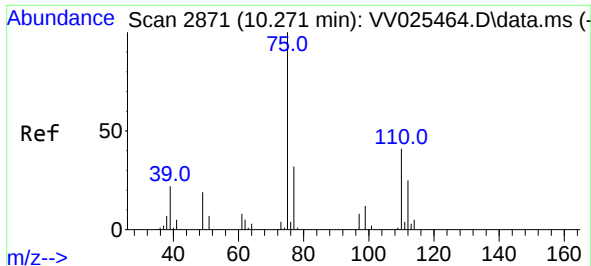
Tgt Ion: 63 Resp: 5678
Ion Ratio Lower Upper
63 100
112 0.7 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

Tgt Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 38.9 21.8 40.6





#61

1,2,3-Trichloropropane

Concen: 1.913 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025465.D

Acq: 12 Apr 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK340

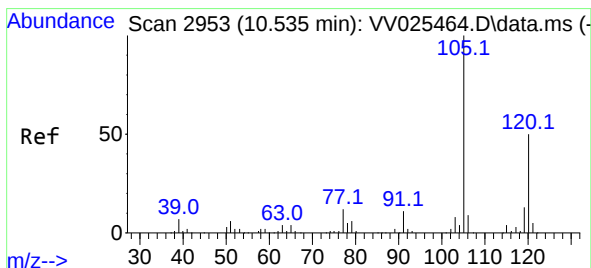
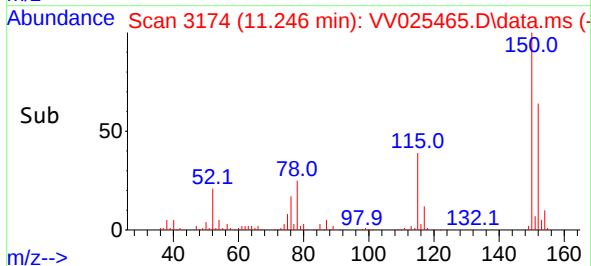
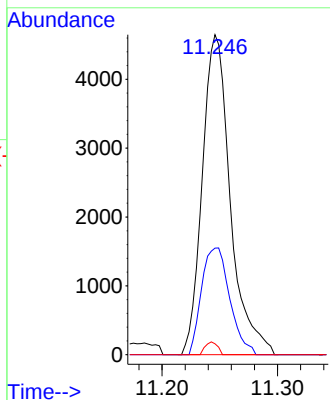
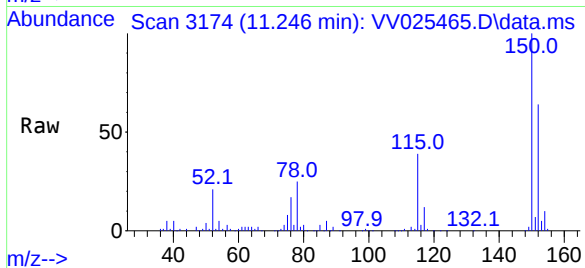
Tgt Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

110 1.8 34.7 52.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV025465.D

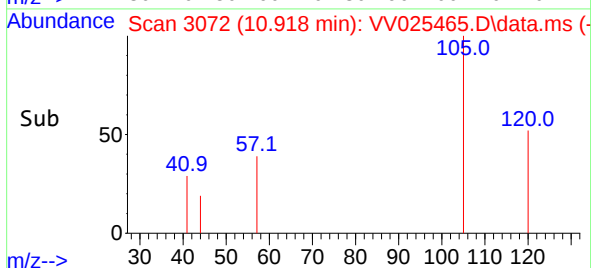
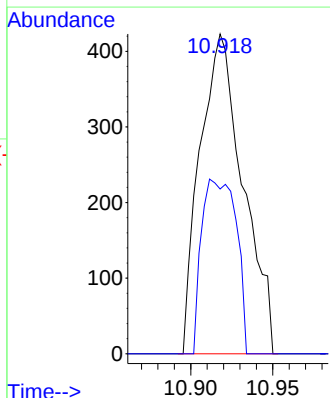
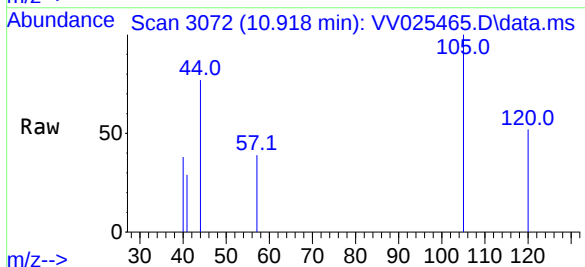
Acq: 12 Apr 2022 10:22

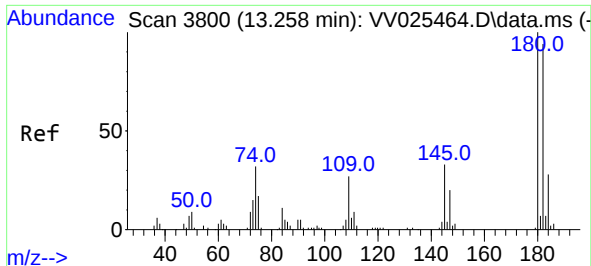
Tgt Ion: 105 Resp: 771

Ion Ratio Lower Upper

105 100

120 43.7 39.6 59.4

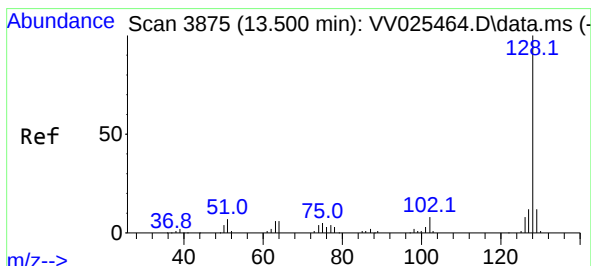
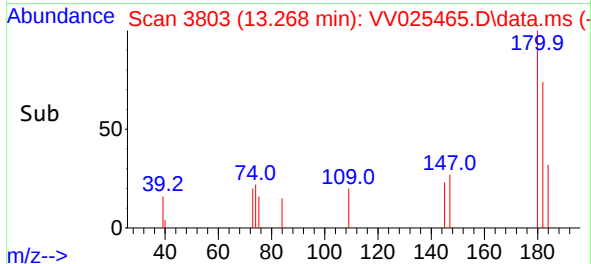
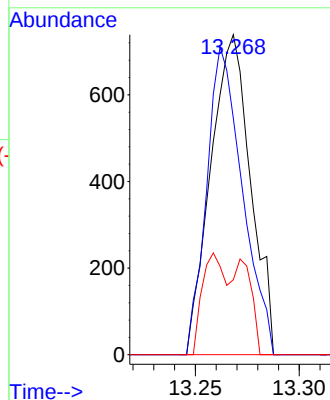
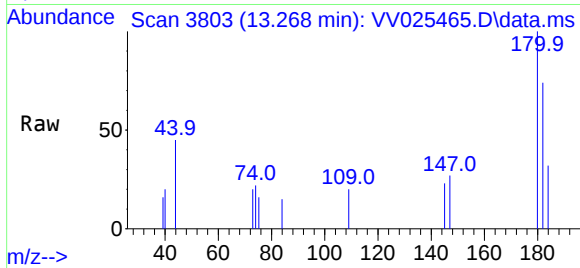




#70
1,2,4-trichlorobenzene
Concen: 0.094 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

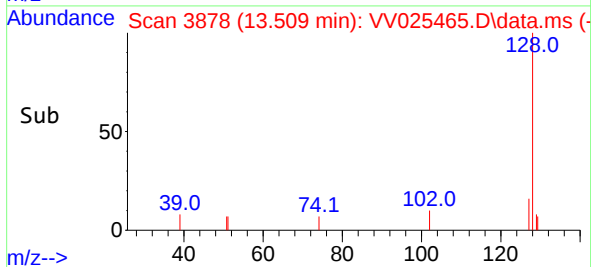
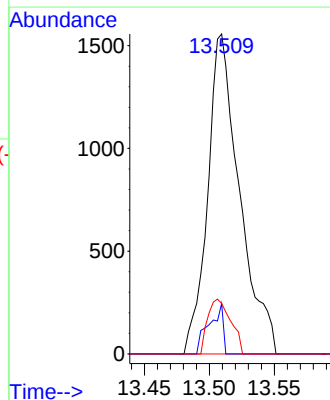
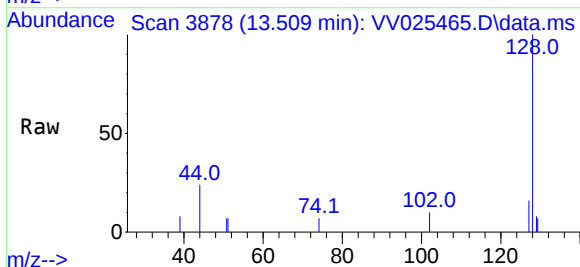
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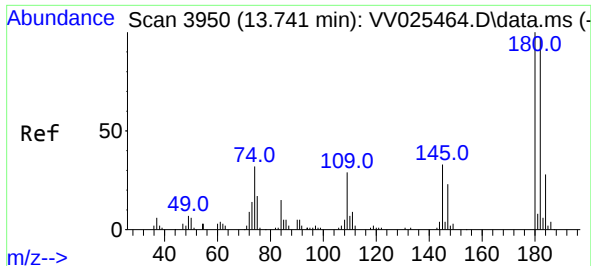
Tgt Ion:180 Resp: 988
Ion Ratio Lower Upper
180 100
182 0.0 76.6 114.8#
145 14.3 24.6 36.8#



#71
Naphthalene
Concen: 0.172 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025465.D
Acq: 12 Apr 2022 10:22

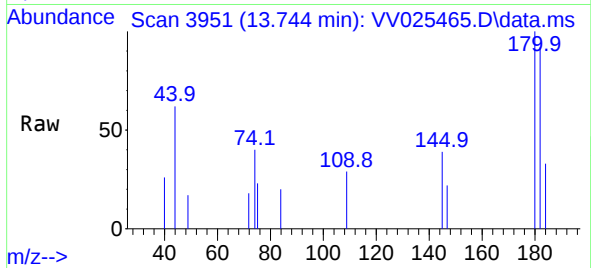
Tgt Ion:128 Resp: 2654
Ion Ratio Lower Upper
128 100
129 6.9 8.8 13.2#
127 12.4 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.111 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV025465.D
 Acq: 12 Apr 2022 10:22

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK340



Tgt Ion:	180	Resp:	965
Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.7	116.5
145	32.0	27.4	41.2

