

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090722\
 Data File : VV027773.D
 Acq On : 07 Sep 2022 11:12
 Operator : SY/MD
 Sample : VV0907WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK227

Quant Time: Sep 08 07:54:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

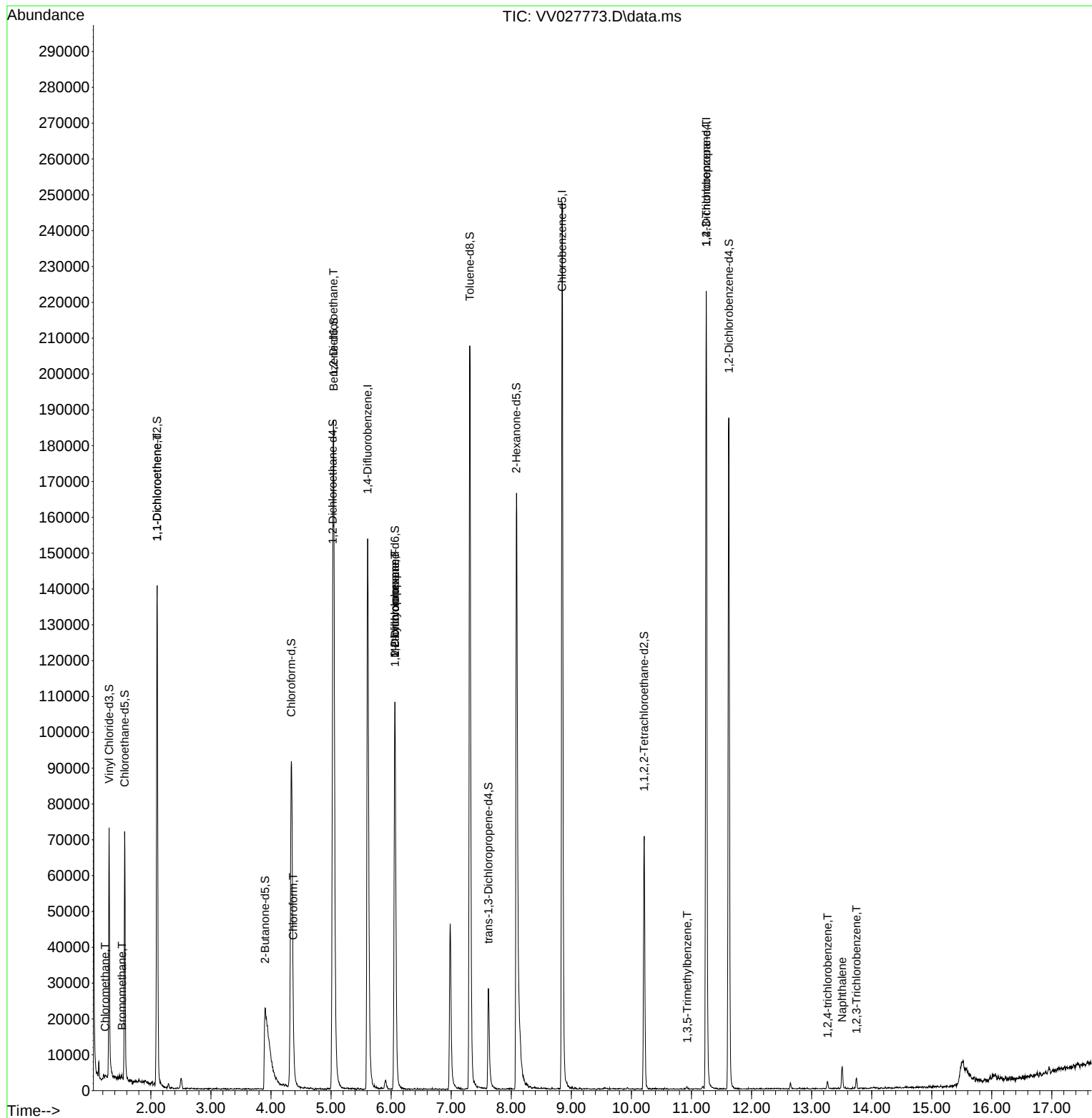
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	138284	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	136268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47028	5.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.564	69	41354	5.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.105	63	73570	3.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.902	46	80199	39.700	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.400%
24) Chloroform-d	4.339	84	96291	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.027	65	46602	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	169550	4.289	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.063	67	49073	4.240	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.310	98	143284	4.310	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.619	79	17851	4.597	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.085	63	59985	41.559	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31536	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50617	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	658	0.053	ug/L	89
6) Bromomethane	1.519	94	458	0.068	ug/L #	1
12) 1,1-Dichloroethene	2.105	96	764	0.083	ug/L #	1
25) Chloroform	4.368	83	3170	0.157	ug/L	92
27) 1,2-Dichloroethane	5.040	62	1122	0.092	ug/L #	75
35) Methylcyclohexane	6.063	83	13465	0.778	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	6376	0.597	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	6190	1.225	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.931	105	569	0.051	ug/L	94
70) 1,2,4-trichlorobenzene	13.268	180	973	0.080	ug/L	94
71) Naphthalene	13.509	128	6153	0.324	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	1168	0.108	ug/L	93

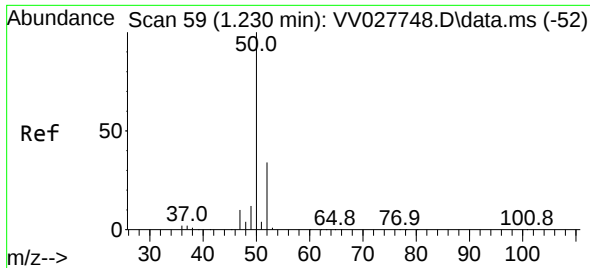
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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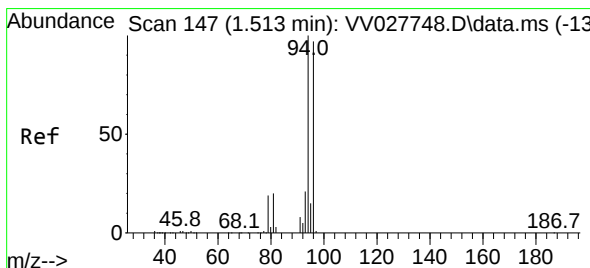
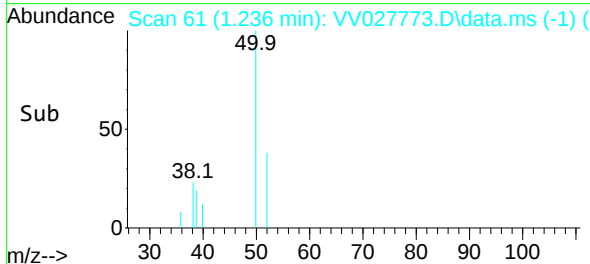
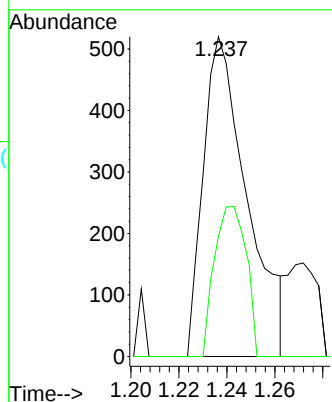
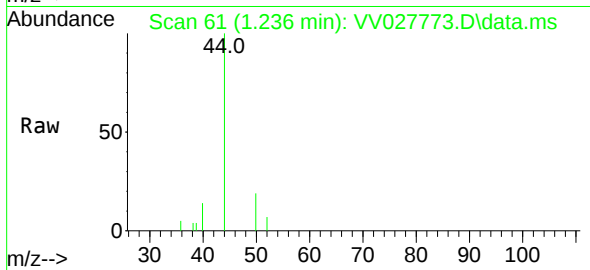




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV027773.D
Acq: 07 Sep 2022 11:12

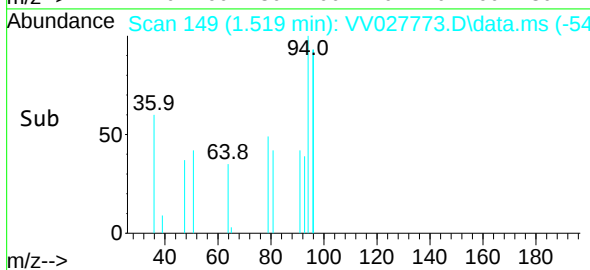
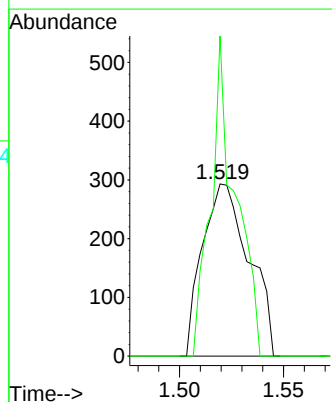
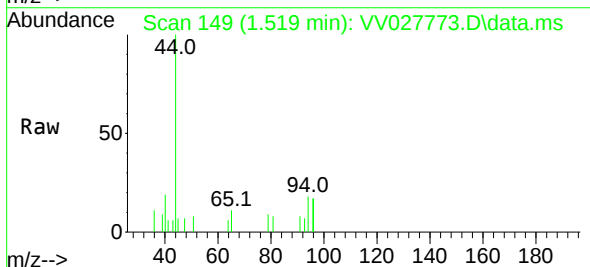
Instrument :
MSVOA_V
ClientSampleId :
VBLK227

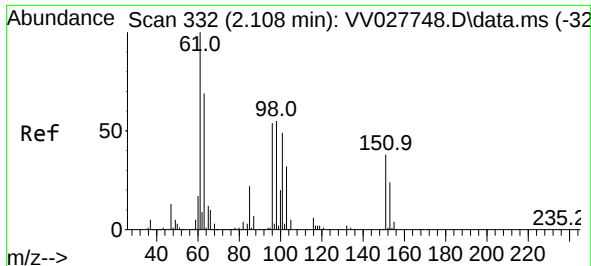
Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 37.5 22.1 41.1



#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.007 min
Lab File: VV027773.D
Acq: 07 Sep 2022 11:12

Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 186.0 64.2 119.2#





#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

Instrument :

MSVOA_V

ClientSampleId :

VBLK227

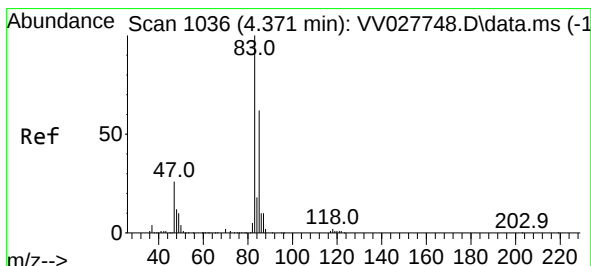
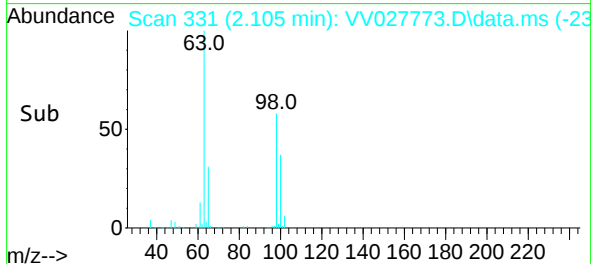
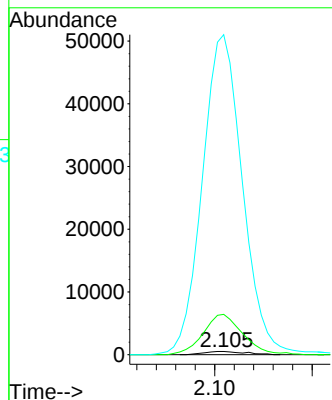
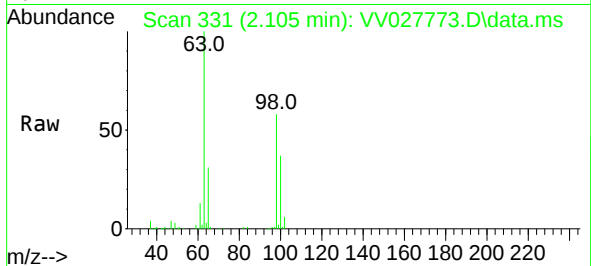
Tgt Ion: 96 Resp: 764

Ion Ratio Lower Upper

96 100

61 1238.3 129.9 241.3#

63 9832.8 94.6 175.8#



#25

Chloroform

Concen: 0.157 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027773.D

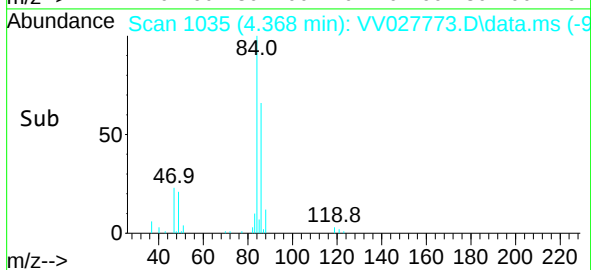
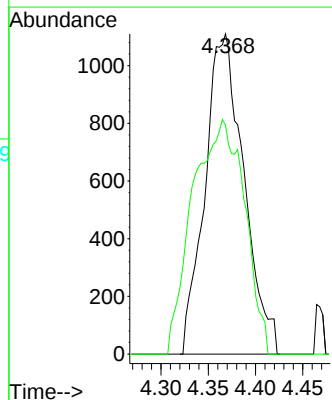
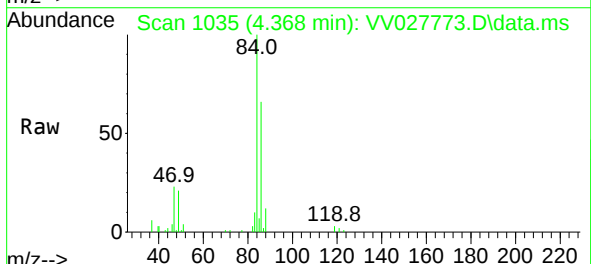
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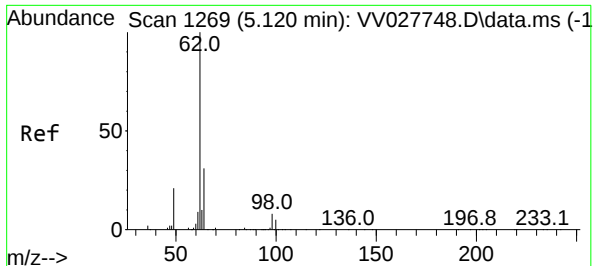
Tgt Ion: 83 Resp: 3170

Ion Ratio Lower Upper

83 100

85 71.4 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.040 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

Instrument :

MSVOA_V

ClientSampleId :

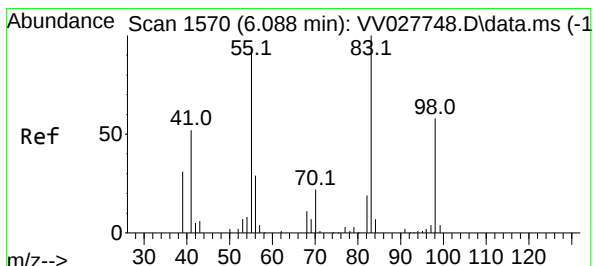
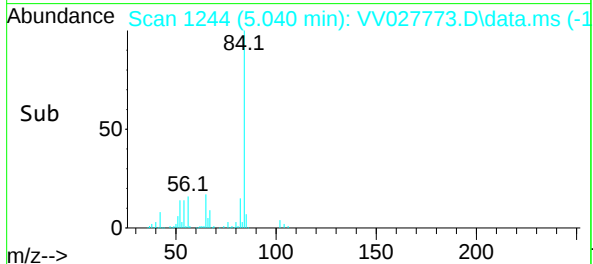
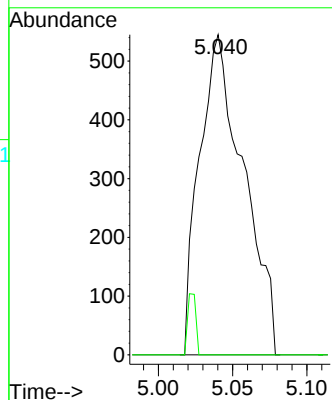
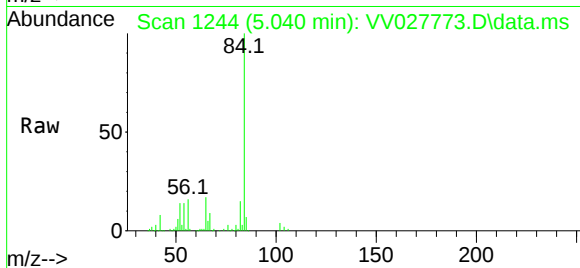
VBLK227

Tgt Ion: 62 Resp: 1122

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.026 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

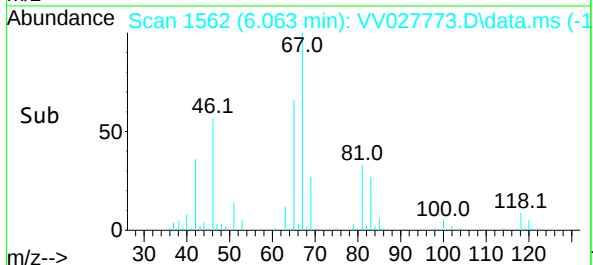
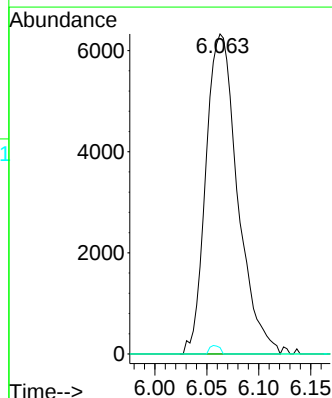
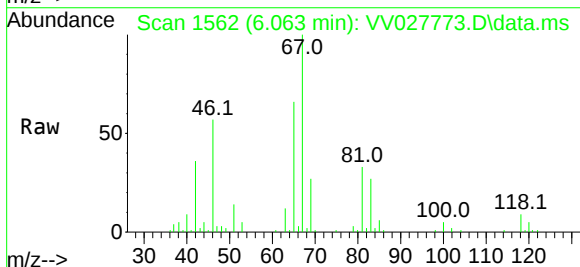
Tgt Ion: 83 Resp: 13465

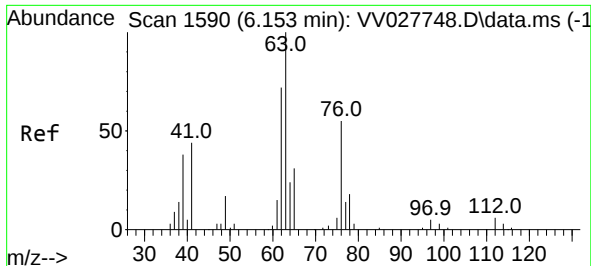
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.8 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

Instrument :

MSVOA_V

ClientSampleId :

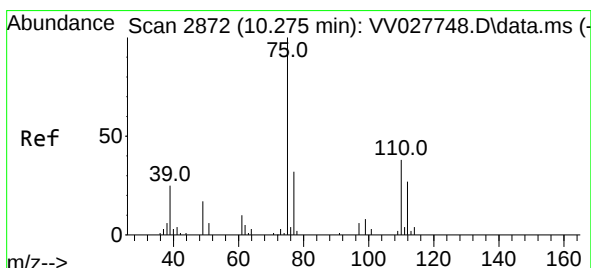
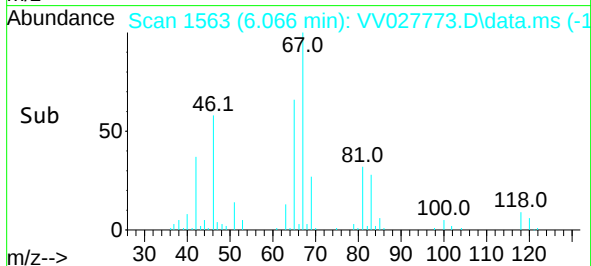
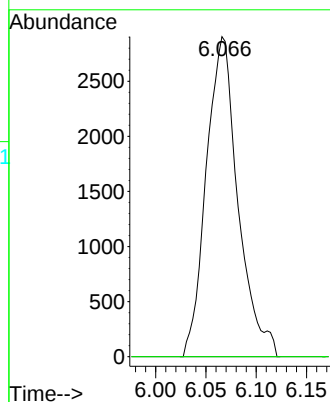
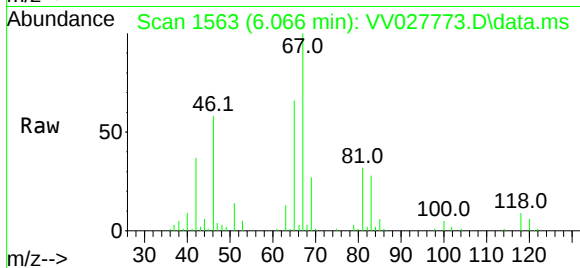
VBLK227

Tgt Ion: 63 Resp: 6376

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

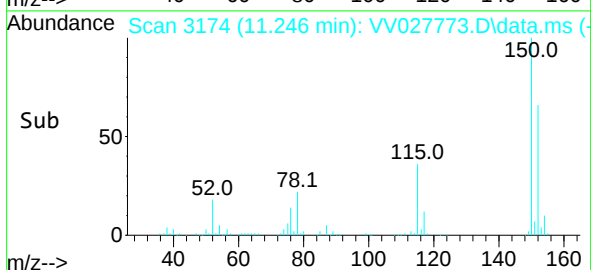
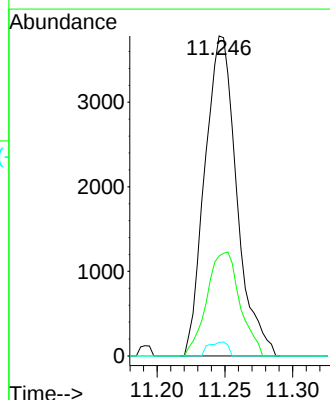
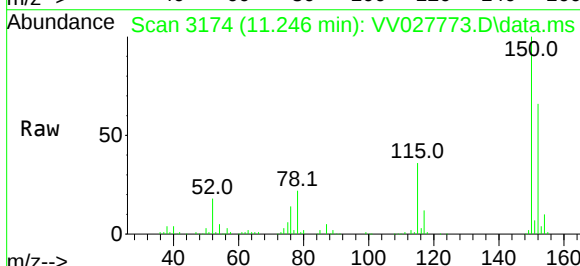
Tgt Ion: 75 Resp: 6190

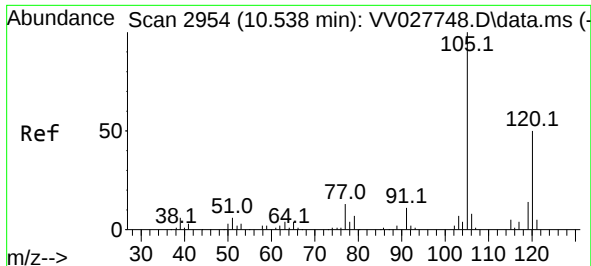
Ion Ratio Lower Upper

75 100

77 33.7 27.6 41.4

110 2.6 35.6 53.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 10.931 min Scan# 3076

Delta R.T. 0.392 min

Lab File: VV027773.D

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Instrument :

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ClientSampleId :

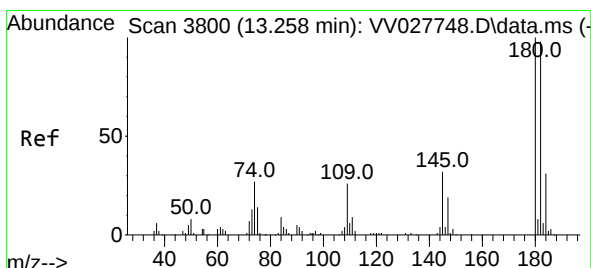
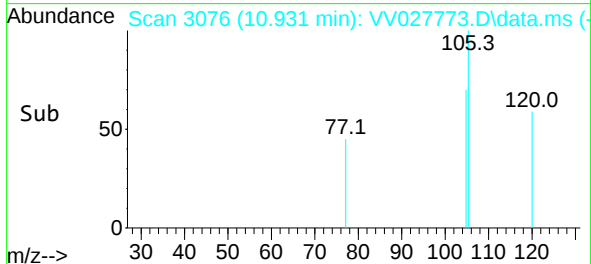
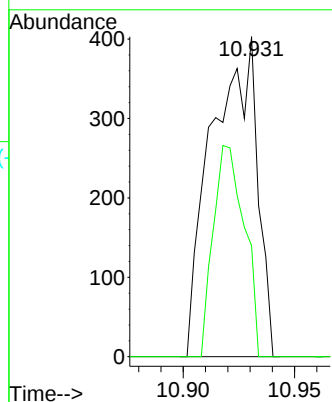
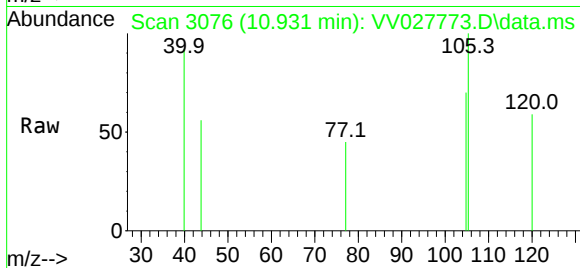
VBLK227

Tgt Ion:105 Resp: 569

Ion Ratio Lower Upper

105 100

120 45.2 39.6 59.4



#70

1,2,4-trichlorobenzene

Concen: 0.080 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.010 min

Lab File: VV027773.D

Acq: 07 Sep 2022 11:12

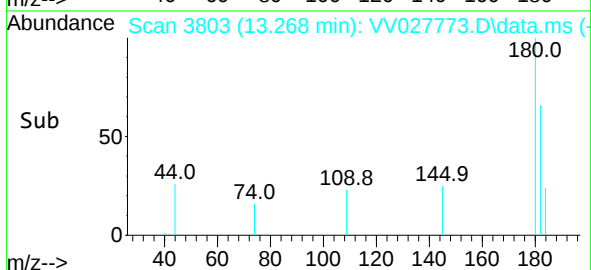
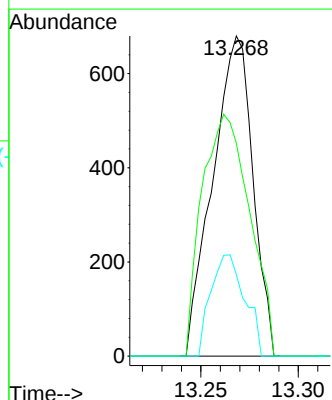
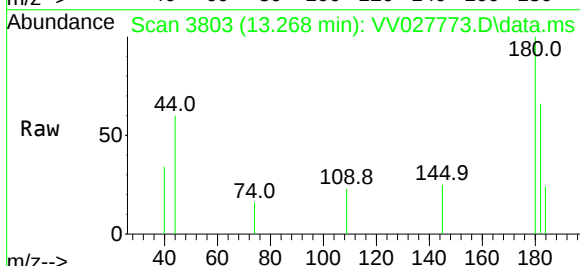
Tgt Ion:180 Resp: 973

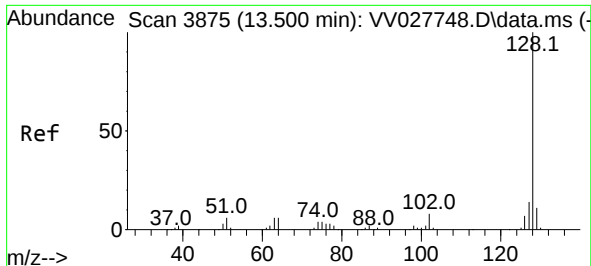
Ion Ratio Lower Upper

180 100

182 89.7 76.6 114.8

145 26.8 24.6 37.0

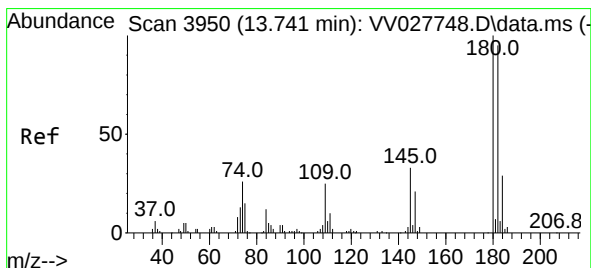
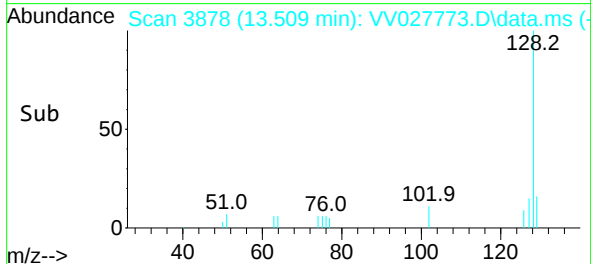
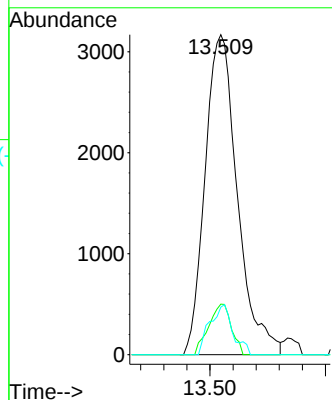
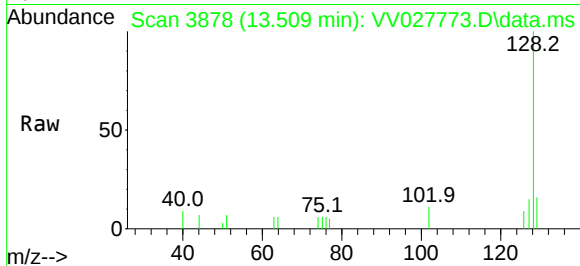




#71
Naphthalene
Concen: 0.324 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
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Tgt Ion:	128	Resp:	6153
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	11.1	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.108 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.007 min
Lab File: VV027773.D
Acq: 07 Sep 2022 11:12

Tgt Ion:	180	Resp:	1168
Ion	Ratio	Lower	Upper
180	100		
182	90.0	76.5	114.7
145	27.0	26.5	39.7

