

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091522\
 Data File : VV027853.D
 Acq On : 15 Sep 2022 14:07
 Operator : SY/MD
 Sample : N4621-01 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8F7

Quant Time: Sep 16 01:32:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

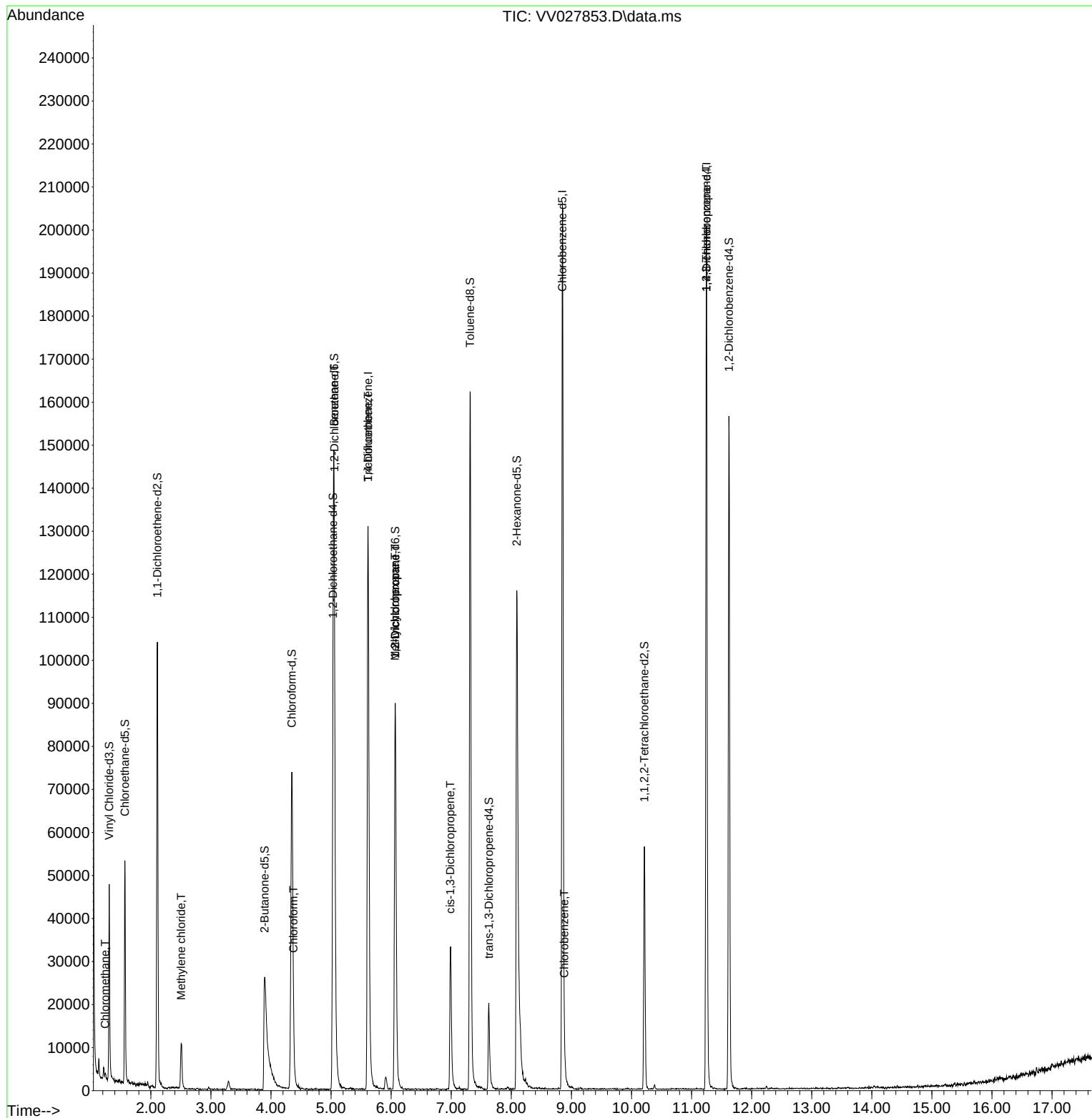
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121122	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	120961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31115	3.897	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.568	69	32541	4.805	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	53194	3.140	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.892	46	62593	35.375	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.760%
24) Chloroform-d	4.346	84	78382	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.031	65	38406	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.050	84	140943	4.016	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.069	67	40587	3.950	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.313	98	116068	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.625	79	12794	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.091	63	43396	33.871	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	25308	3.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	43665	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	778	0.072	ug/L	94
16) Methylene chloride	2.503	84	4863	0.470	ug/L	85
25) Chloroform	4.375	83	1517	0.086	ug/L	95
27) 1,2-Dichloroethane	5.053	62	1022	0.096	ug/L #	75
34) Trichloroethene	5.616	95	3389	0.339	ug/L #	5
35) Methylcyclohexane	6.066	83	11180	0.728	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5048	0.532	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	853	0.071	ug/L #	1
51) Chlorobenzene	8.882	112	2661	0.106	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	5447	1.194	ug/L #	60

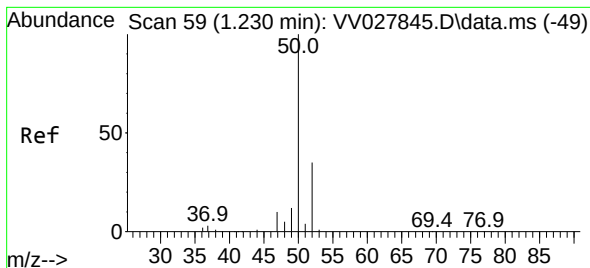
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 16 01:29:01 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

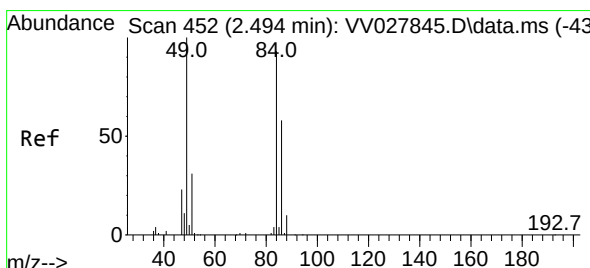
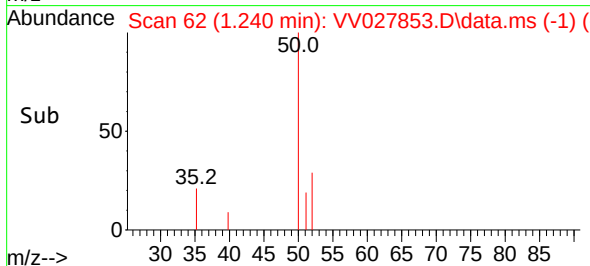
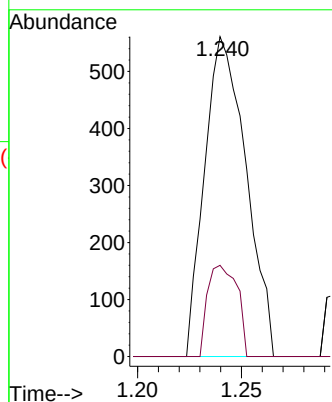
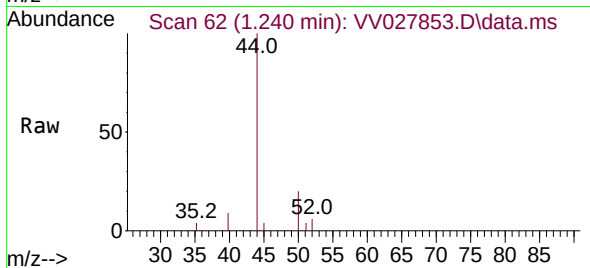
CB8F7

Tgt Ion: 50 Resp: 778

Ion Ratio Lower Upper

50 100

52 28.5 22.1 41.1



#16

Methylene chloride

Concen: 0.470 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.010 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

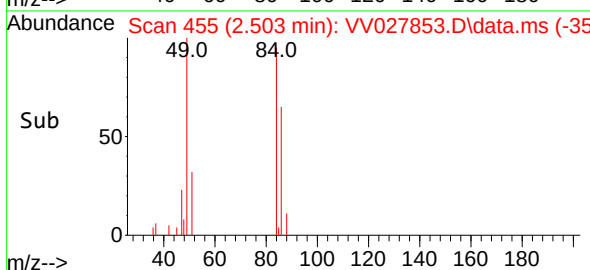
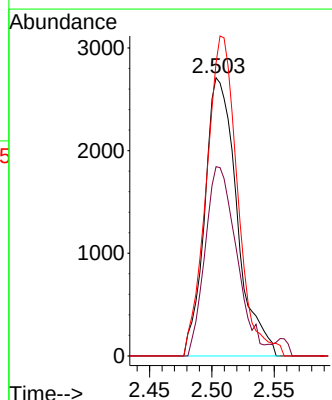
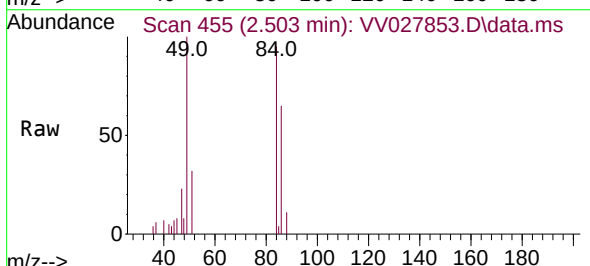
Tgt Ion: 84 Resp: 4863

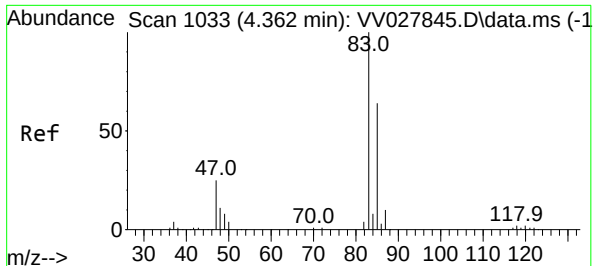
Ion Ratio Lower Upper

84 100

86 68.0 44.9 83.3

49 105.3 90.1 167.3





#25

Chloroform

Concen: 0.086 ug/L

RT: 4.375 min Scan# 1033

Delta R.T. 0.013 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

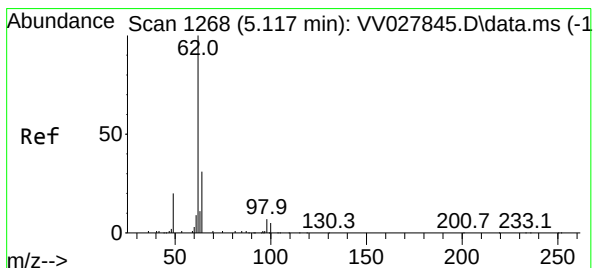
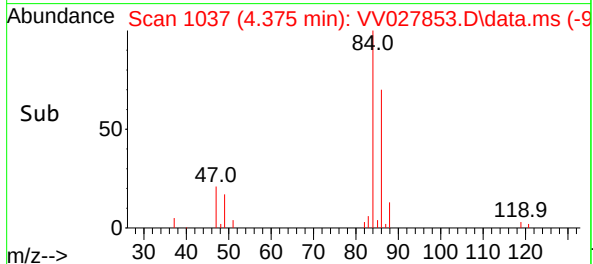
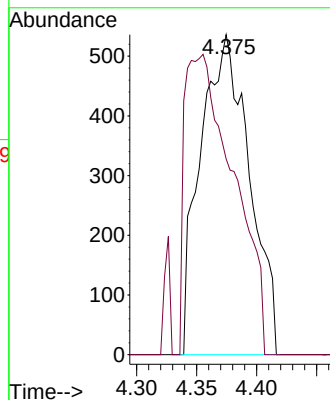
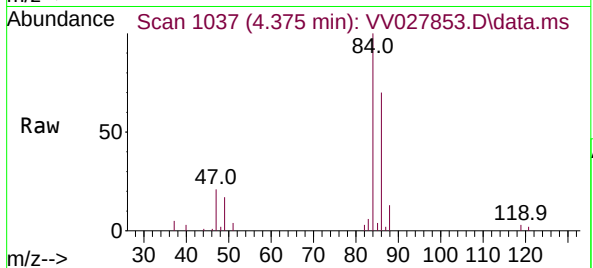
CB8F7

Tgt Ion: 83 Resp: 1517

Ion Ratio Lower Upper

83 100

85 61.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.064 min

Lab File: VV027853.D

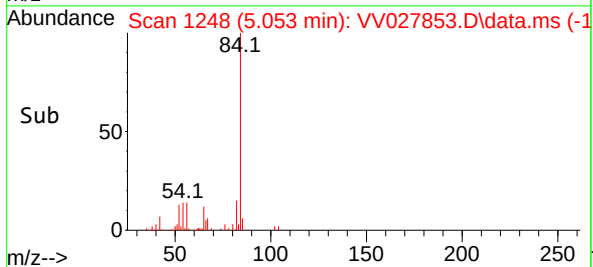
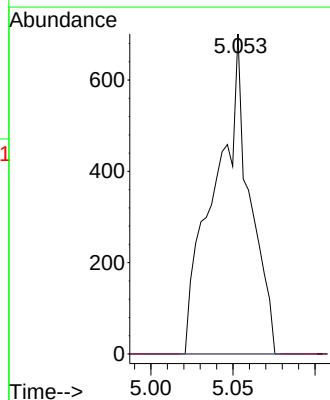
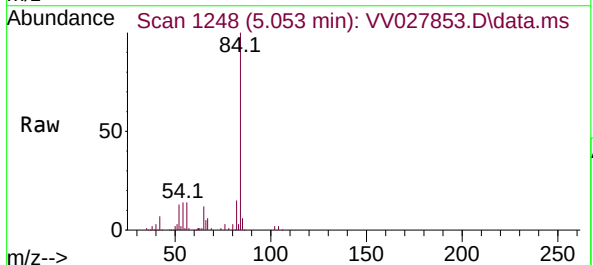
Acq: 15 Sep 2022 14:07

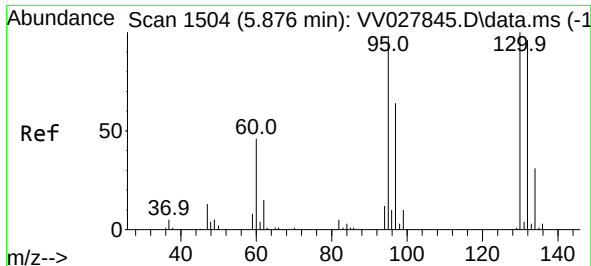
Tgt Ion: 62 Resp: 1022

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#





#34

Trichloroethene

Concen: 0.339 ug/L

RT: 5.616 min Scan# 14

Delta R.T. -0.261 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

CB8F7

Tgt Ion: 95 Resp: 3389

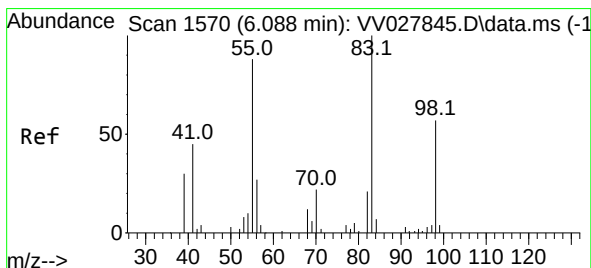
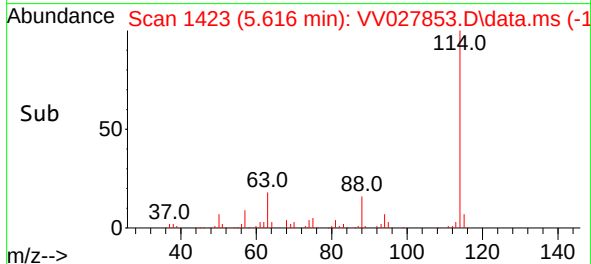
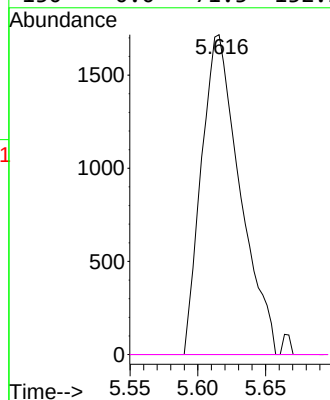
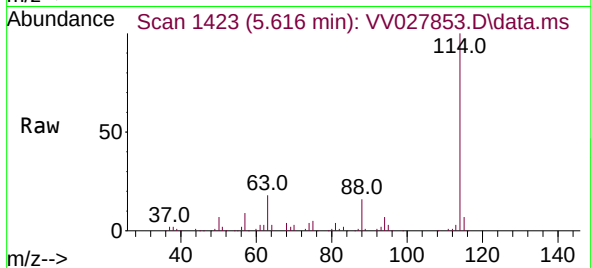
Ion Ratio Lower Upper

95 100

97 0.0 42.9 79.7#

132 0.0 67.9 126.1#

130 0.0 71.3 132.3#



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.023 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

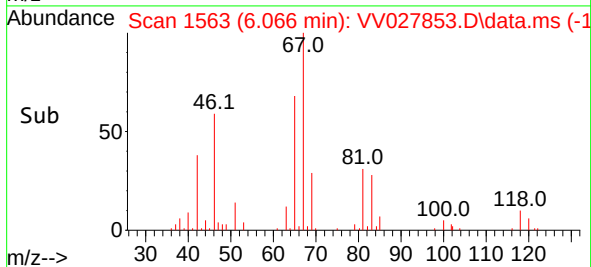
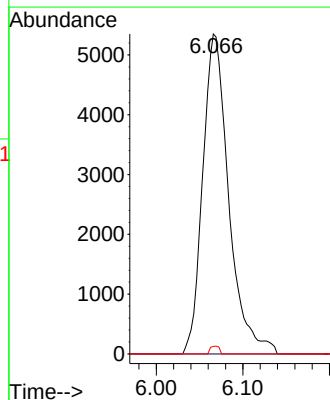
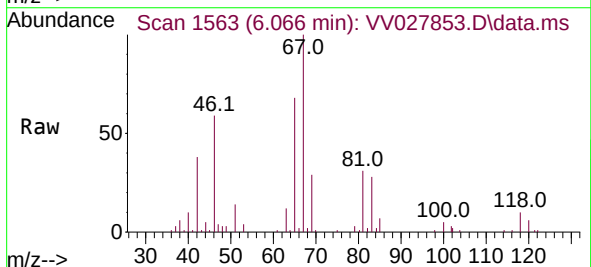
Tgt Ion: 83 Resp: 11180

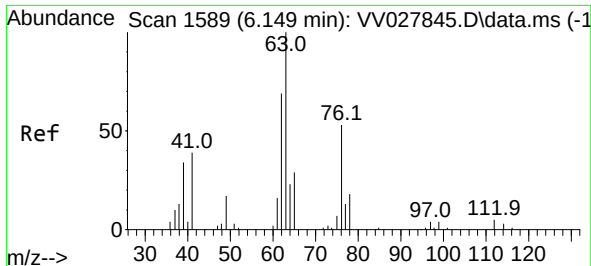
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.8 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV027853.D

Acq: 15 Sep 2022 14:07

Instrument :

MSVOA_V

ClientSampleId :

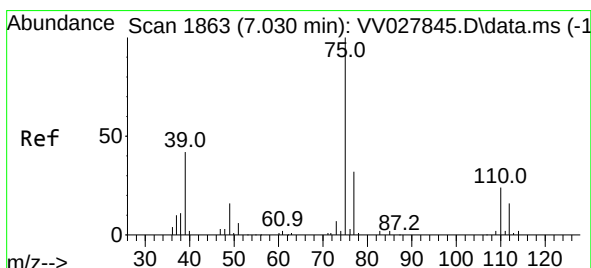
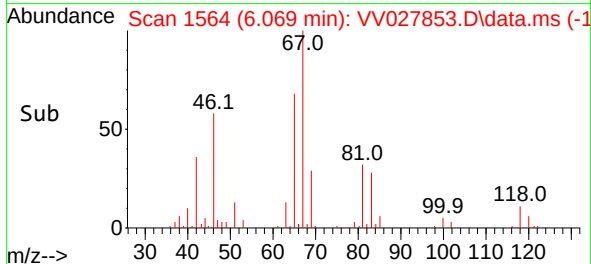
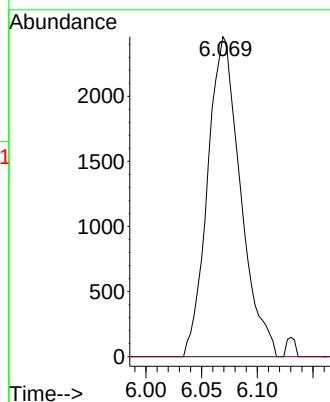
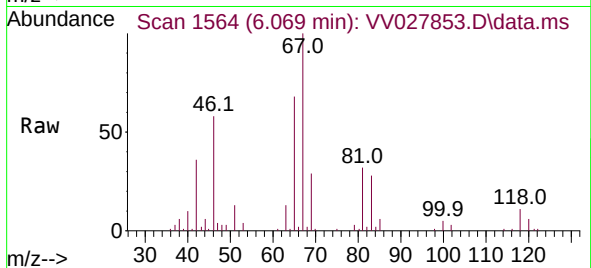
CB8F7

Tgt Ion: 63 Resp: 5048

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.048 min

Lab File: VV027853.D

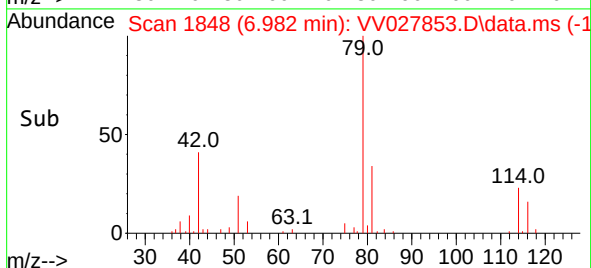
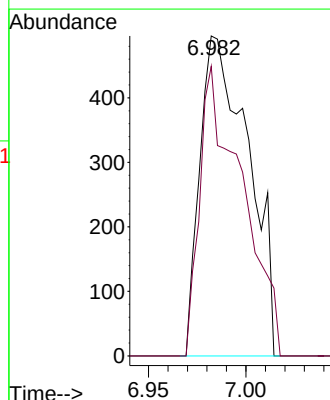
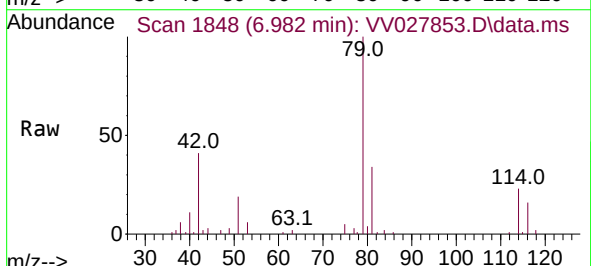
Acq: 15 Sep 2022 14:07

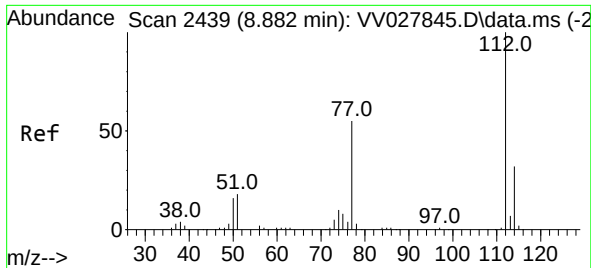
Tgt Ion: 75 Resp: 853

Ion Ratio Lower Upper

75 100

77 90.5 22.0 40.8#

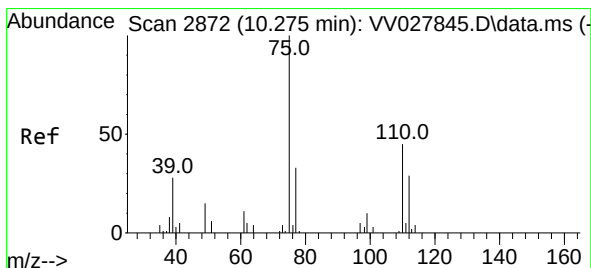
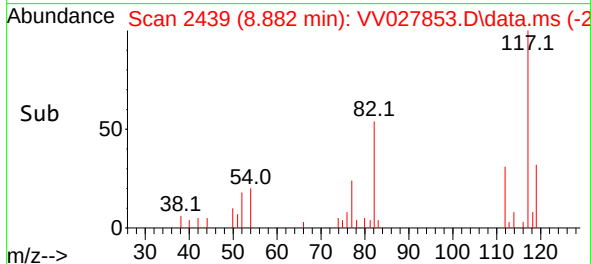
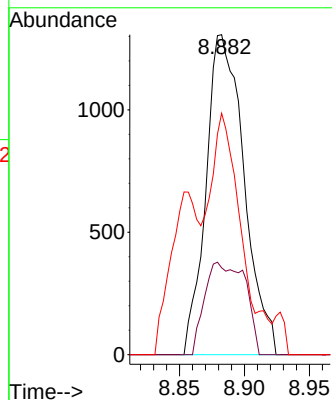
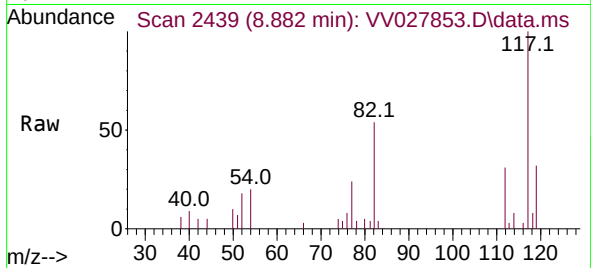




#51
Chlorobenzene
Concen: 0.106 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV027853.D
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Instrument :
MSVOA_V
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Tgt Ion:	112	Resp:	2661
Ion Ratio	Lower	Upper	
112	100		
114	25.0	21.7	40.3
77	69.5	45.3	67.9#



#61
1,2,3-Trichloropropane
Concen: 1.194 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV027853.D
Acq: 15 Sep 2022 14:07

Tgt Ion:	75	Resp:	5447
Ion Ratio	Lower	Upper	
75	100		
77	38.3	27.6	41.4
110	1.3	35.6	53.4#

