

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029856.D
 Acq On : 14 Jan 2023 14:27
 Operator : SY/MD
 Sample : 01138-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W5

Quant Time: Jan 16 00:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

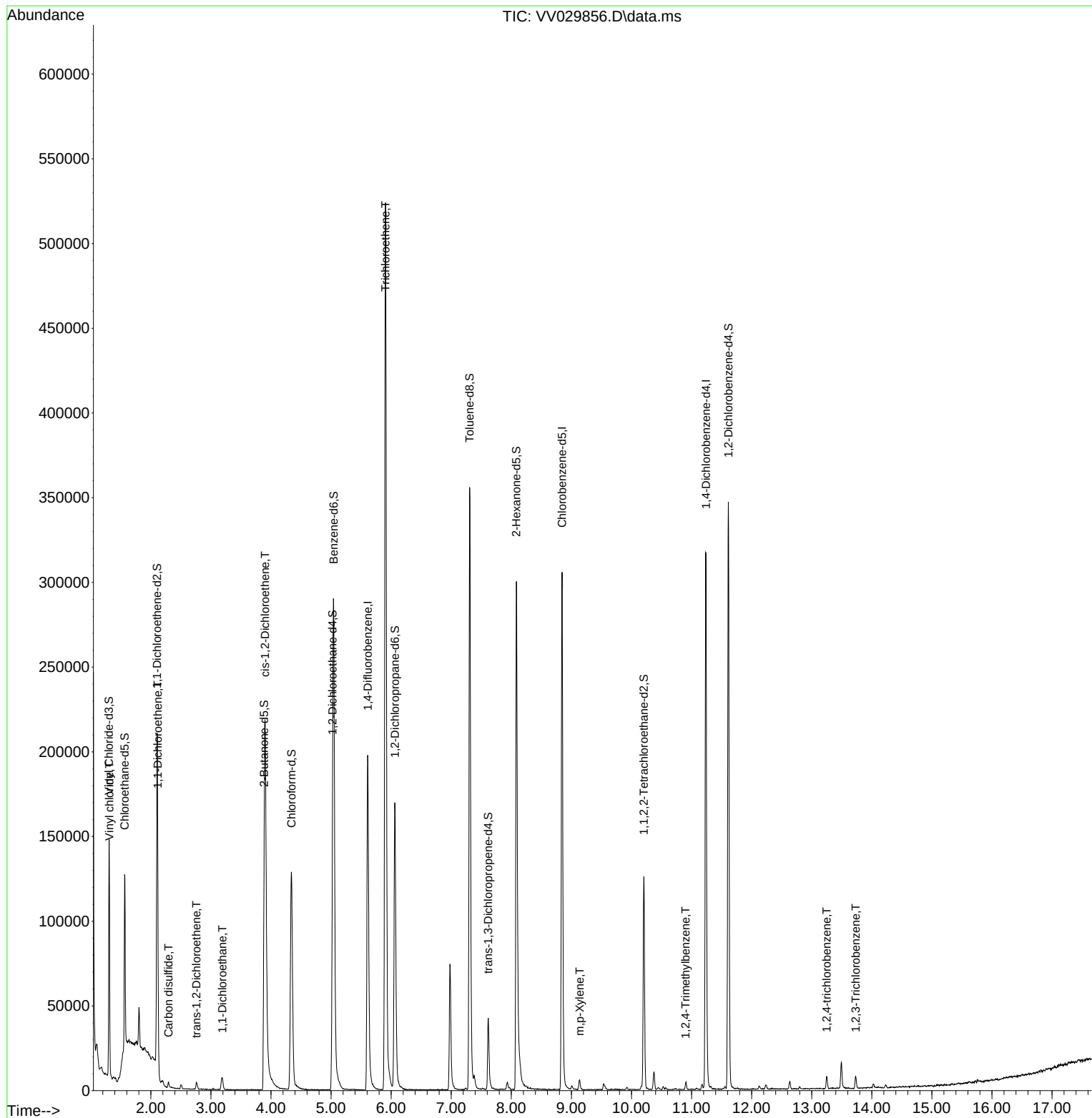
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	187642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	182069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	89700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68082	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	64577	5.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.105	63	97072	3.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.886	46	131843	52.265	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.520%
24) Chloroform-d	4.339	84	140744	5.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.024	65	60758	5.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.043	84	297014	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.063	67	90854	5.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.000%
41) Toluene-d8	7.307	98	256246	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	7.616	79	27239	4.719	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.085	63	118958	50.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	65089	5.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	95132	5.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
5) Vinyl chloride	1.310	62	24838	1.378	ug/L	98
12) 1,1-Dichloroethene	2.114	96	8006	0.500	ug/L #	1
14) Carbon disulfide	2.294	76	4531	0.098	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	1219	0.082	ug/L	87
19) 1,1-Dichloroethane	3.188	63	8433	0.338	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	101302	6.383	ug/L	94
34) Trichloroethene	5.905	95	194223	12.732	ug/L	97
53) m,p-Xylene	9.136	106	1930	0.072	ug/L	86
63) 1,2,4-Trimethylbenzene	10.902	105	3031	0.062	ug/L	90
70) 1,2,4-trichlorobenzene	13.249	180	2821	0.154	ug/L	95
72) 1,2,3-Trichlorobenzene	13.734	180	2892	0.190	ug/L	97

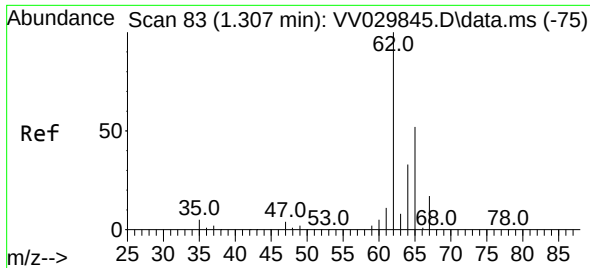
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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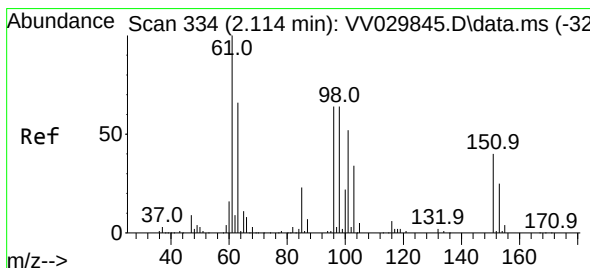
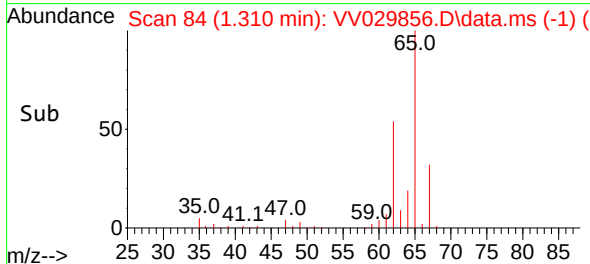
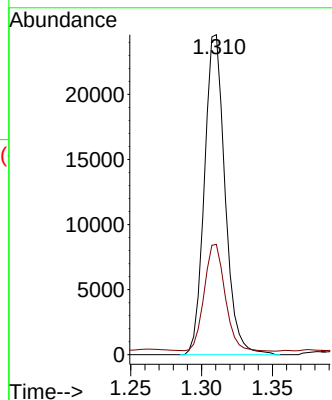
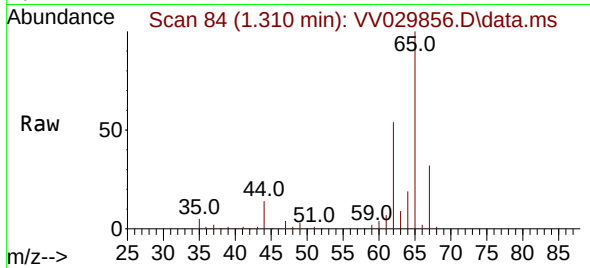




#5
 Vinyl chloride
 Concen: 1.378 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029856.D
 Acq: 14 Jan 2023 14:27

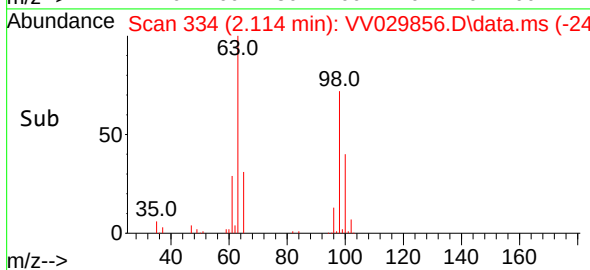
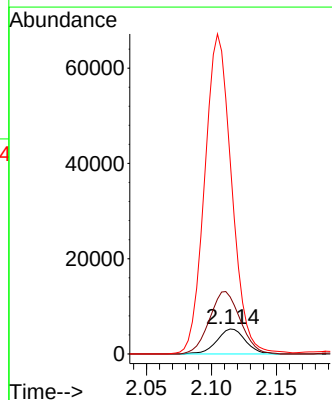
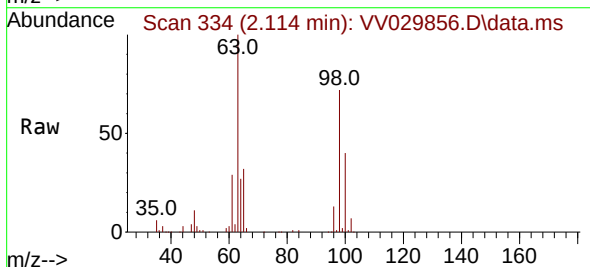
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W5

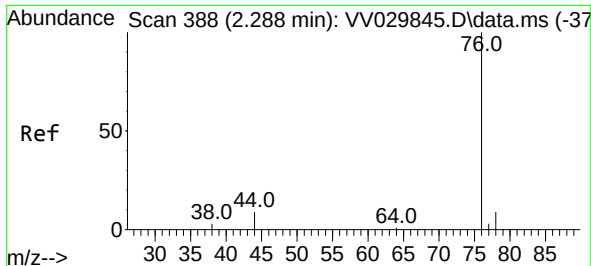
Tgt Ion: 62 Resp: 24838
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 0.500 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029856.D
 Acq: 14 Jan 2023 14:27

Tgt Ion: 96 Resp: 8006
 Ion Ratio Lower Upper
 96 100
 61 228.9 106.1 197.1#
 63 778.6 76.4 141.8#

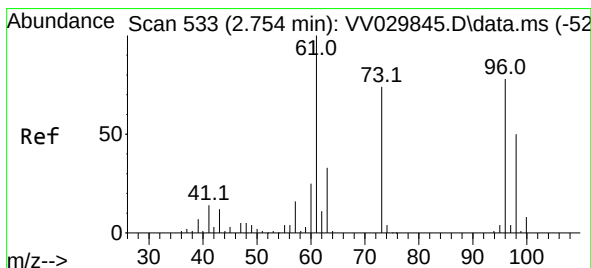
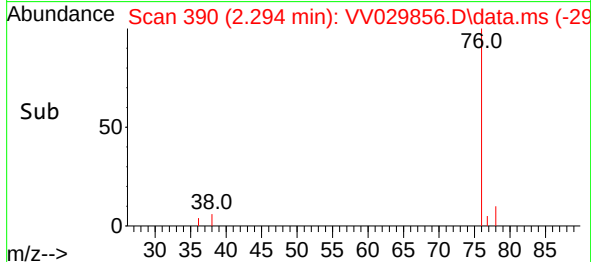
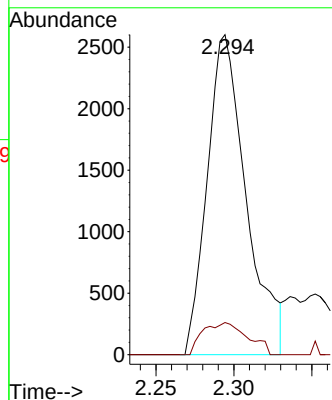
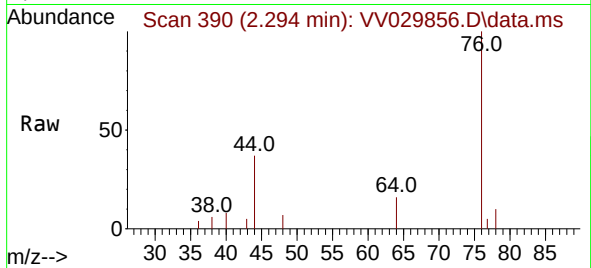




#14
Carbon disulfide
Concen: 0.098 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV029856.D
Acq: 14 Jan 2023 14:27

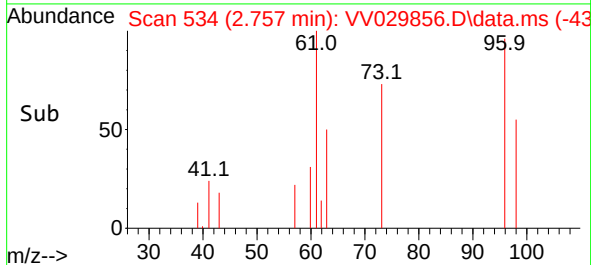
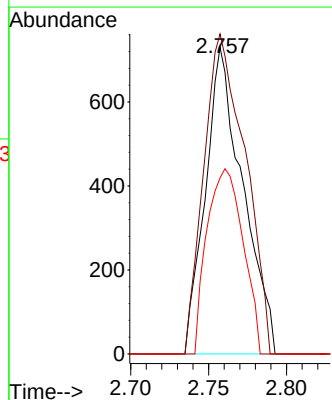
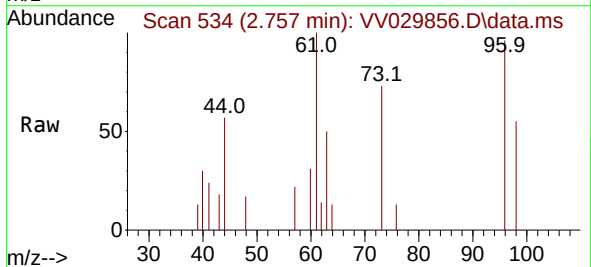
Instrument :
MSVOA_V
ClientSampleId :
BH1W5

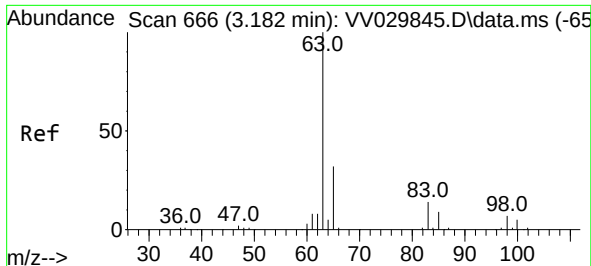
Tgt Ion: 76 Resp: 4531
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 0.082 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029856.D
Acq: 14 Jan 2023 14:27

Tgt Ion: 96 Resp: 1219
Ion Ratio Lower Upper
96 100
61 104.4 86.1 159.9
98 57.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.338 ug/L

RT: 3.188 min Scan# 666

Delta R.T. 0.010 min

Lab File: VV029856.D

Acq: 14 Jan 2023 14:27

Instrument :

MSVOA_V

ClientSampleId :

BH1W5

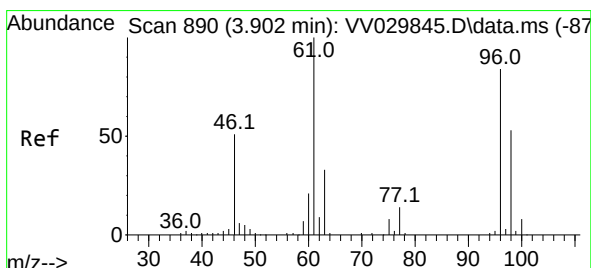
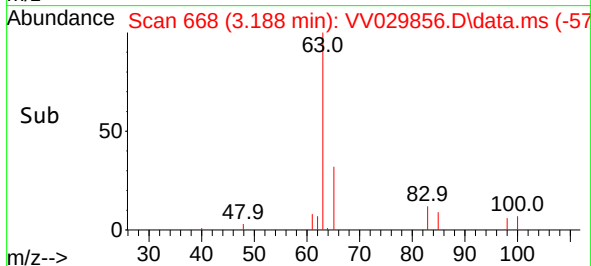
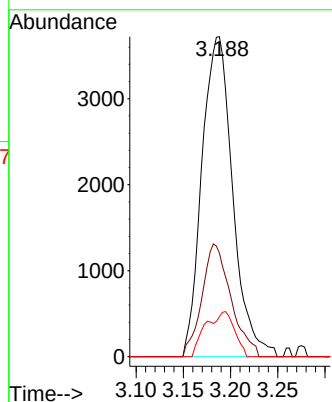
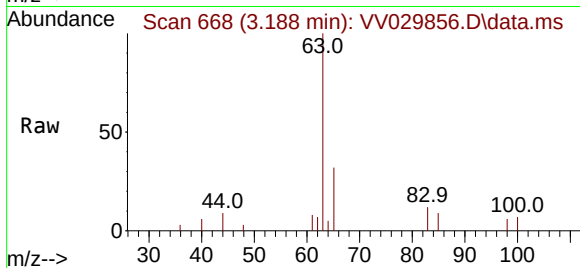
Tgt Ion: 63 Resp: 8433

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 12.5 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 6.383 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029856.D

Acq: 14 Jan 2023 14:27

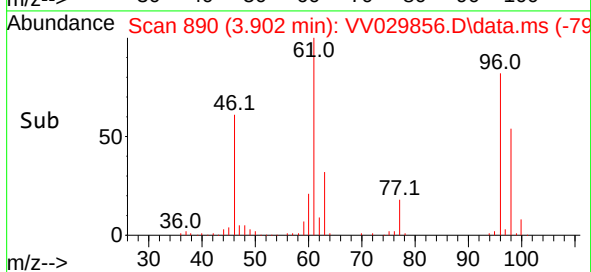
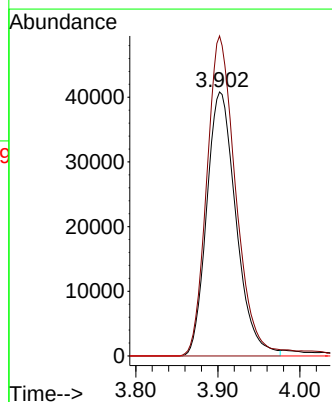
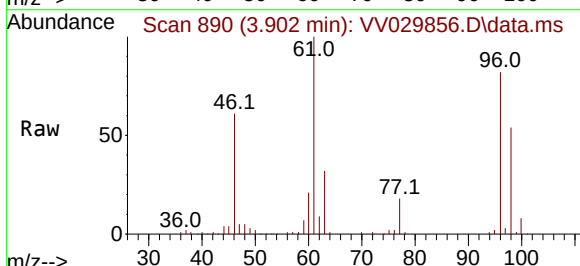
Tgt Ion: 96 Resp: 101302

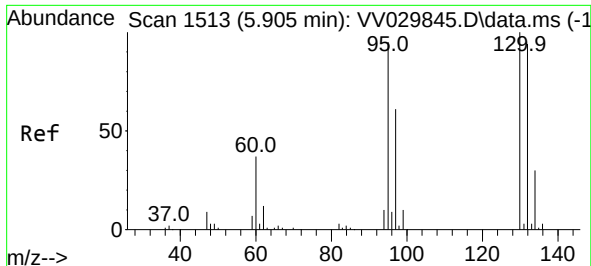
Ion Ratio Lower Upper

96 100

61 121.2 80.0 148.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 12.732 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029856.D

Acq: 14 Jan 2023 14:27

Instrument :

MSVOA_V

ClientSampleId :

BH1W5

Tgt Ion: 95 Resp: 194223

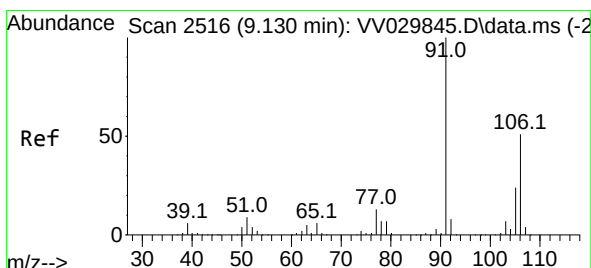
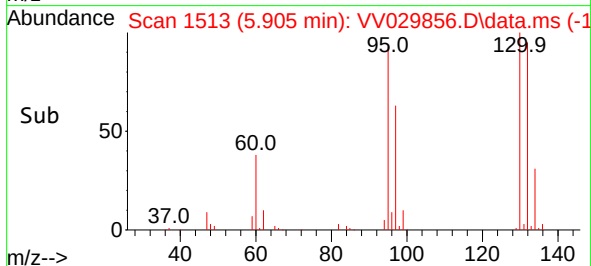
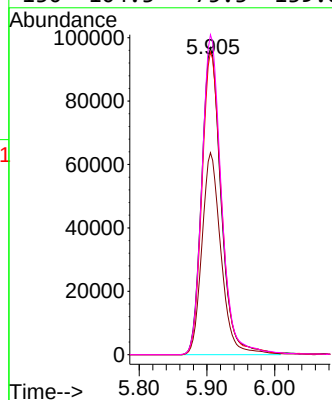
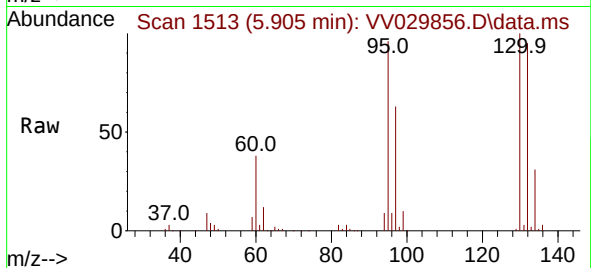
Ion Ratio Lower Upper

95 100

97 65.8 44.9 83.3

132 98.7 71.8 133.4

130 104.3 75.3 139.8



#53

m,p-Xylene

Concen: 0.072 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VV029856.D

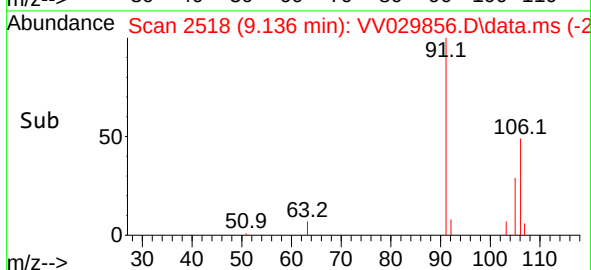
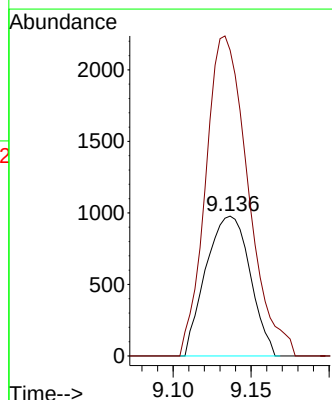
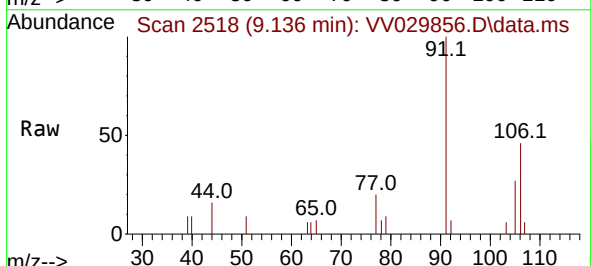
Acq: 14 Jan 2023 14:27

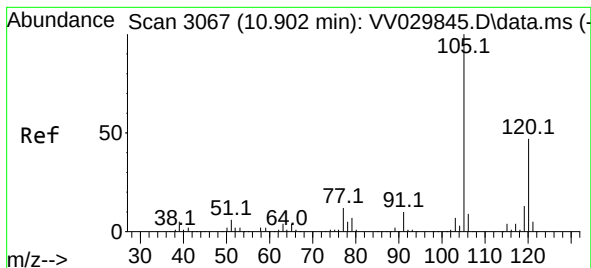
Tgt Ion:106 Resp: 1930

Ion Ratio Lower Upper

106 100

91 218.6 138.7 257.7





#63

1,2,4-Trimethylbenzene

Concen: 0.062 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029856.D

Acq: 14 Jan 2023 14:27

Instrument :

MSVOA_V

ClientSampleId :

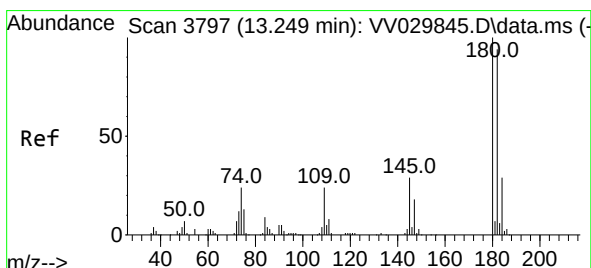
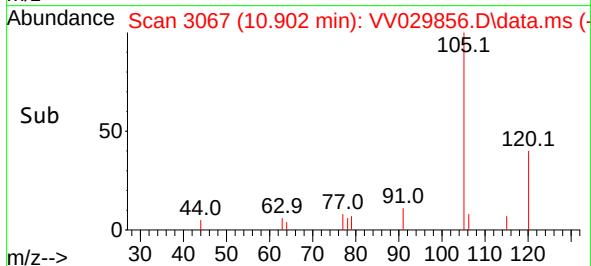
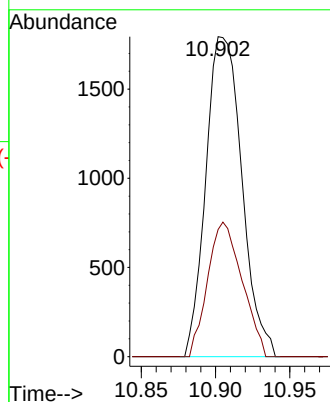
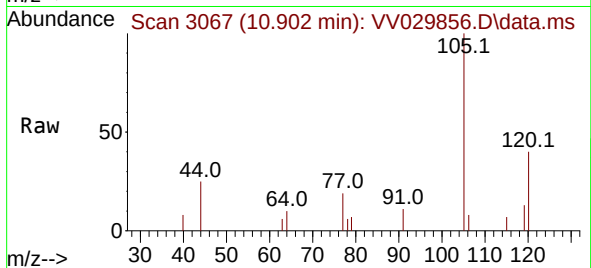
BH1W5

Tgt Ion:105 Resp: 3031

Ion Ratio Lower Upper

105 100

120 40.1 37.4 56.0



#70

1,2,4-trichlorobenzene

Concen: 0.154 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.003 min

Lab File: VV029856.D

Acq: 14 Jan 2023 14:27

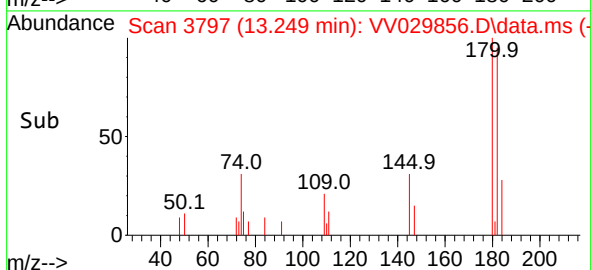
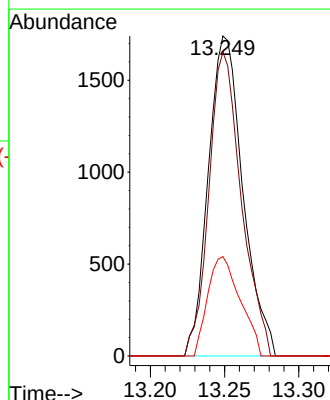
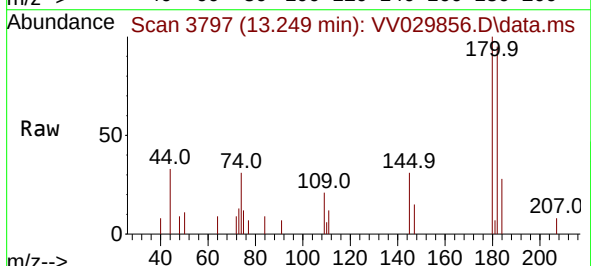
Tgt Ion:180 Resp: 2821

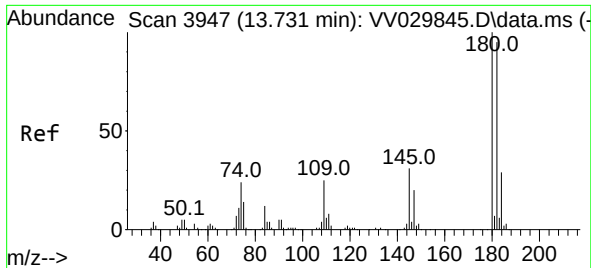
Ion Ratio Lower Upper

180 100

182 89.0 75.8 113.8

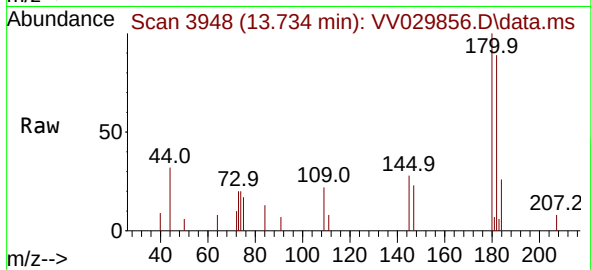
145 29.2 23.7 35.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.190 ug/L
 RT: 13.734 min Scan# 3947
 Delta R.T. 0.006 min
 Lab File: VV029856.D
 Acq: 14 Jan 2023 14:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W5



Tgt Ion:	180	Resp:	2892
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.5	113.3
145	29.2	25.0	37.6

