

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028913.D
 Acq On : 12 Nov 2022 07:04
 Operator : SY/MD
 Sample : N5590-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMY3

Quant Time: Nov 14 00:25:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

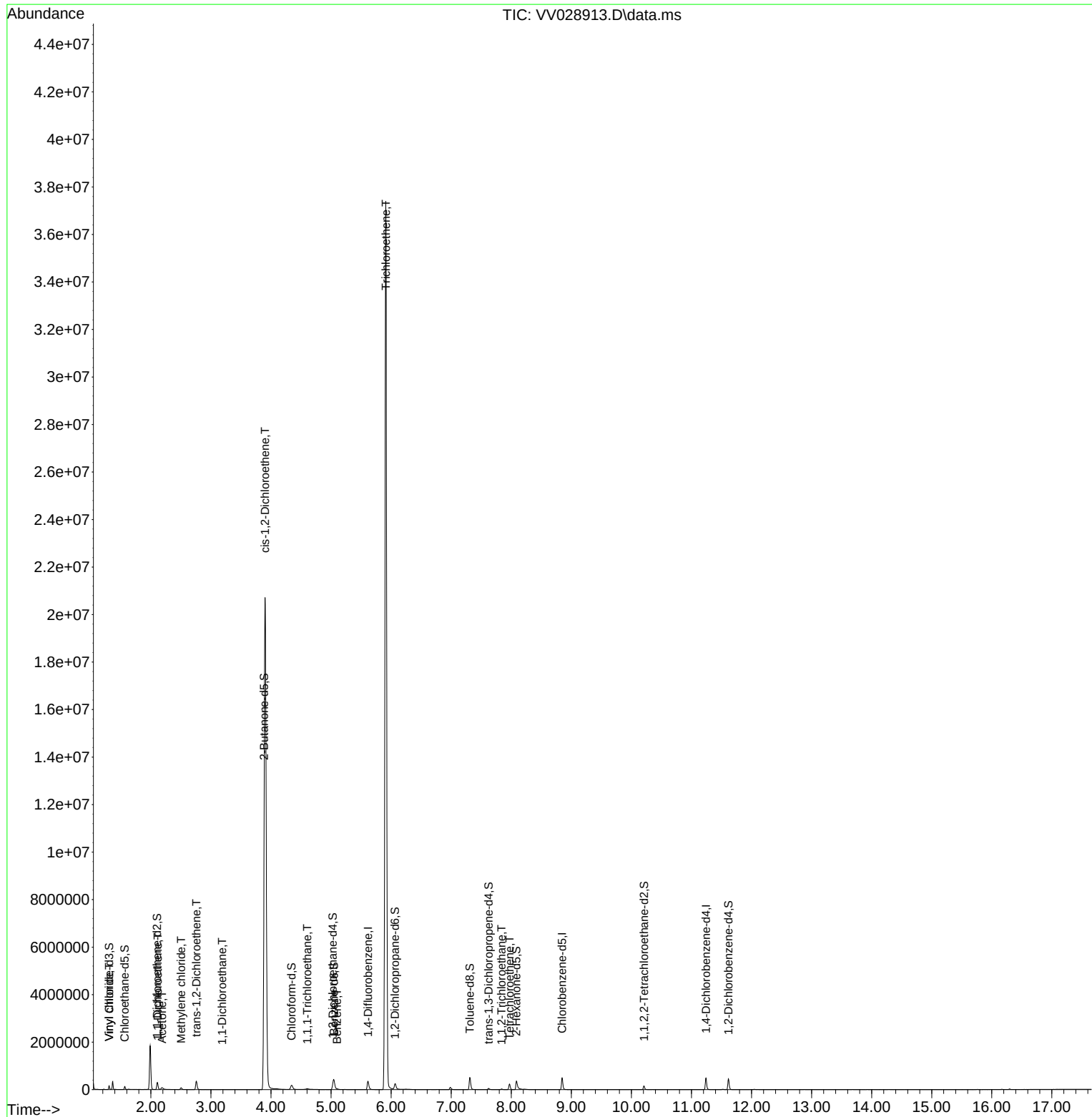
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	325036	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	137726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90187	4.551	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.565	69	85689	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	138890	3.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.886	46	141503	42.659	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.320%
24) Chloroform-d	4.343	84	192940	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.031	65	88418	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.047	84	421550	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.066	67	120591	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.310	98	363727	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.622	79	33559	4.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.085	63	162246	48.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81196	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	124336	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
5) Vinyl chloride	1.307	62	14523	0.566	ug/L	83
12) 1,1-Dichloroethene	2.118	96	29875	1.518	ug/L #	44
13) Acetone	2.185	43	145593	68.233	ug/L	87
16) Methylene chloride	2.503	84	32025	1.259	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	142287	6.235	ug/L	98
19) 1,1-Dichloroethane	3.188	63	5227	0.140	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	12412541	535.008	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	20347	0.595	ug/L #	65
33) Benzene	5.098	78	30013	0.337	ug/L	100
34) Trichloroethene	5.912	95	13153562	577.254	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	9602	0.715	ug/L	93
47) Tetrachloroethene	7.973	164	56943	3.121	ug/L	94

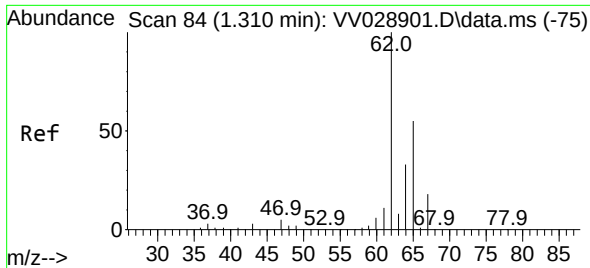
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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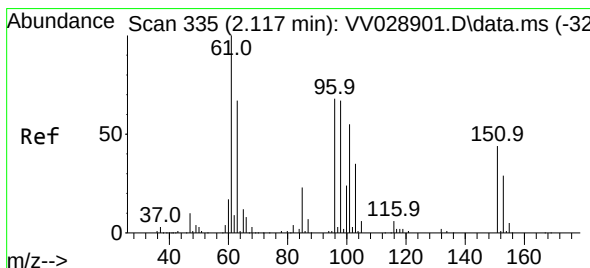
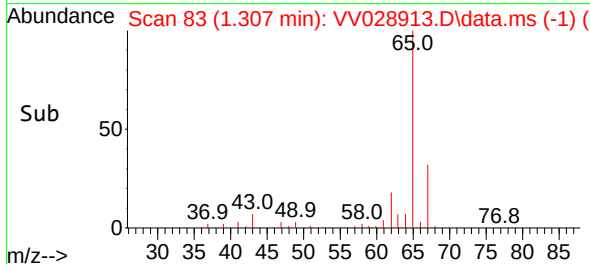
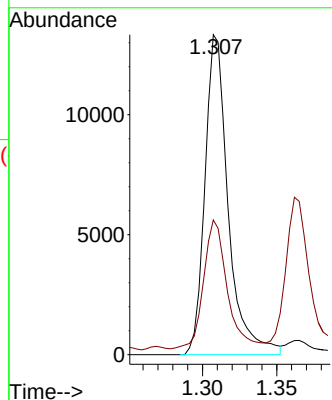
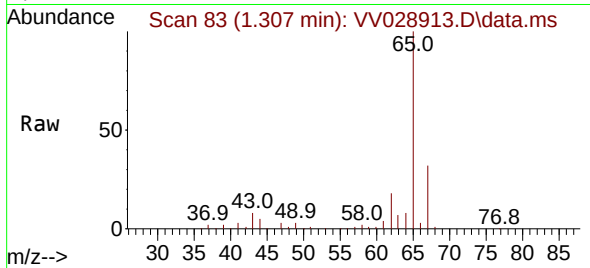




#5
 Vinyl chloride
 Concen: 0.566 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028913.D
 Acq: 12 Nov 2022 07:04

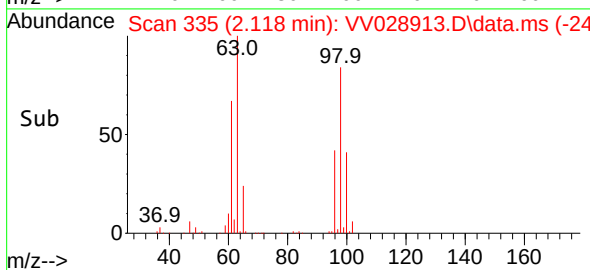
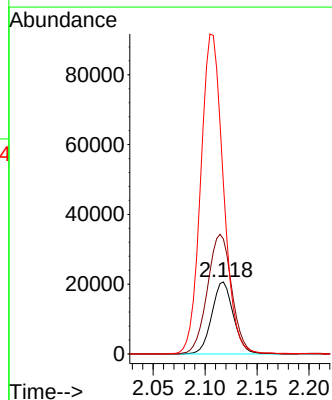
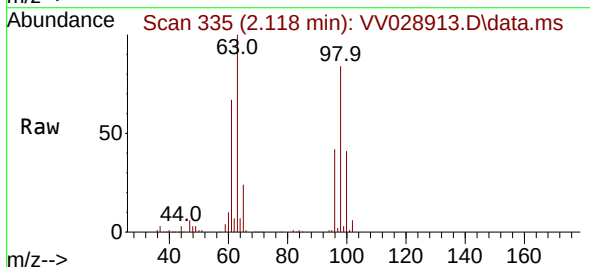
Instrument :
 MSVOA_V
 ClientSampleId :
 GBMY3

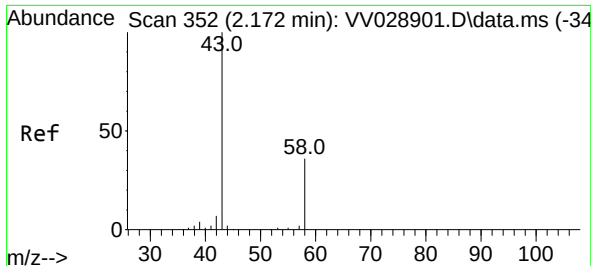
Tgt Ion: 62 Resp: 14523
 Ion Ratio Lower Upper
 62 100
 64 42.1 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 1.518 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV028913.D
 Acq: 12 Nov 2022 07:04

Tgt Ion: 96 Resp: 29875
 Ion Ratio Lower Upper
 96 100
 61 159.5 104.2 193.4
 63 236.5 75.9 140.9#





#13

Acetone

Concen: 68.233 ug/L

RT: 2.185 min Scan# 356

Delta R.T. 0.013 min

Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

Instrument :

MSVOA_V

ClientSampleId :

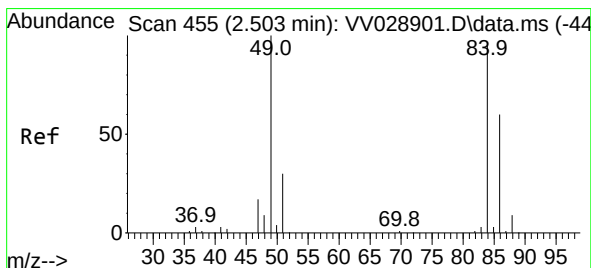
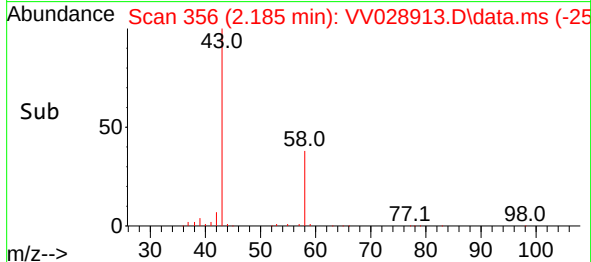
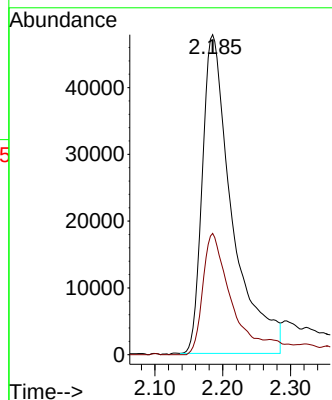
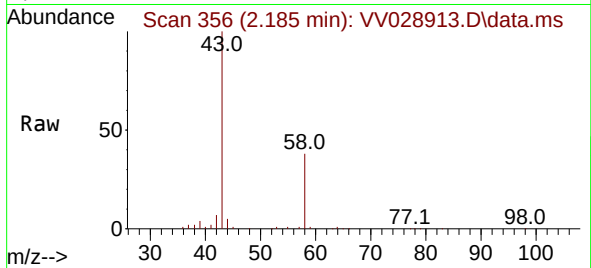
GBMY3

Tgt Ion: 43 Resp: 145593

Ion Ratio Lower Upper

43 100

58 35.3 0.0 56.6



#16

Methylene chloride

Concen: 1.259 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.000 min

Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

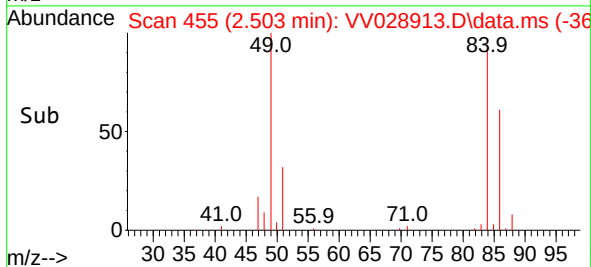
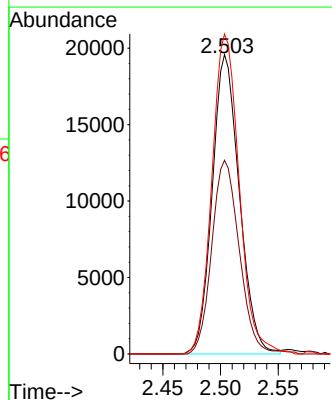
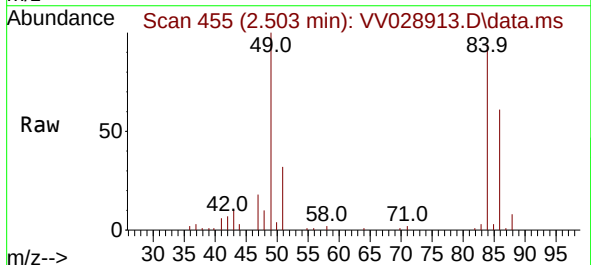
Tgt Ion: 84 Resp: 32025

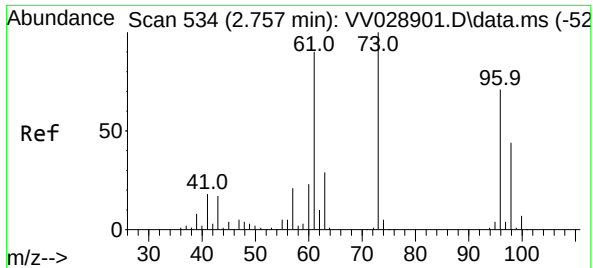
Ion Ratio Lower Upper

84 100

86 64.7 45.8 85.0

49 106.9 75.5 140.1

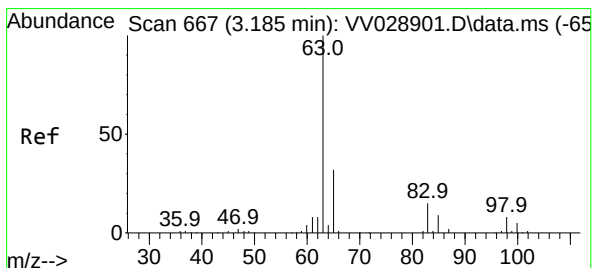
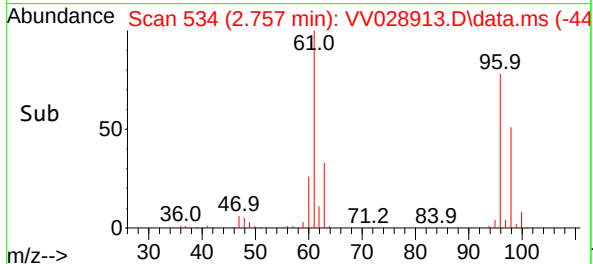
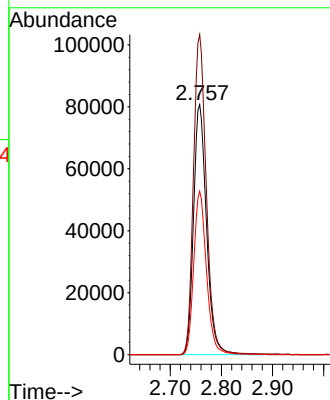
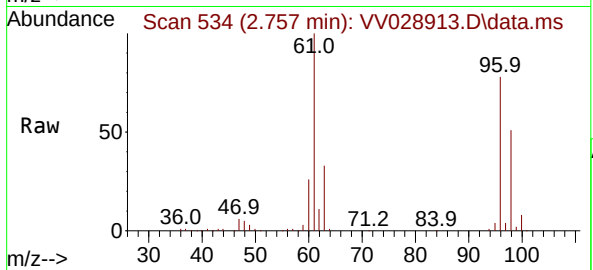




#18
trans-1,2-Dichloroethene
Concen: 6.235 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028913.D
Acq: 12 Nov 2022 07:04

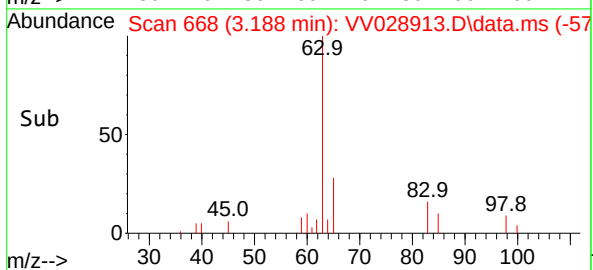
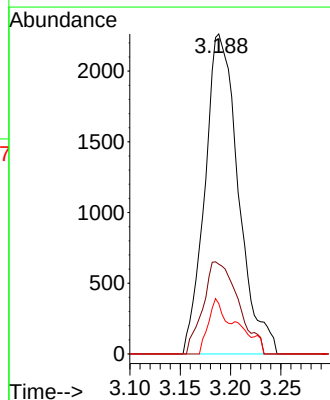
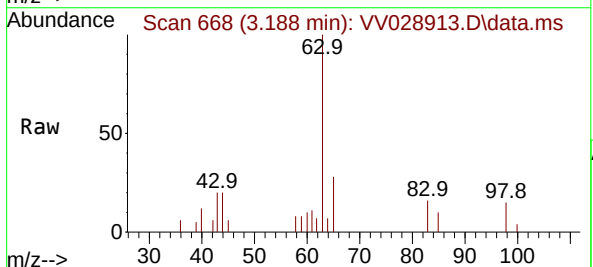
Instrument :
MSVOA_V
ClientSampleId :
GBMY3

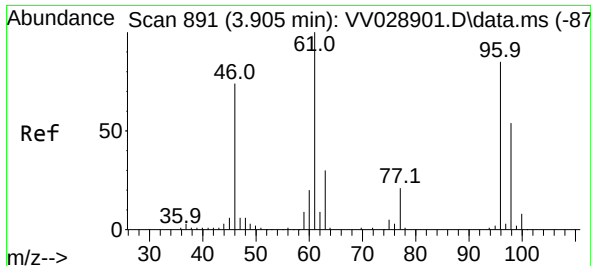
Tgt Ion: 96 Resp: 142287
Ion Ratio Lower Upper
96 100
61 128.0 91.8 170.6
98 65.3 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.140 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV028913.D
Acq: 12 Nov 2022 07:04

Tgt Ion: 63 Resp: 5227
Ion Ratio Lower Upper
63 100
65 28.1 23.0 42.6
83 15.7 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 535.008 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

Instrument :

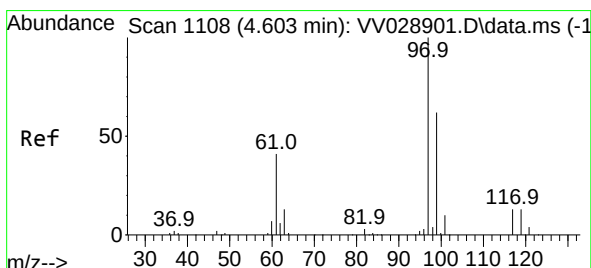
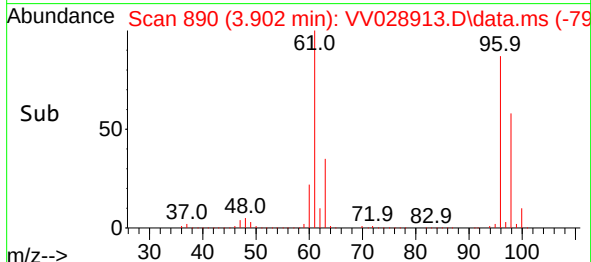
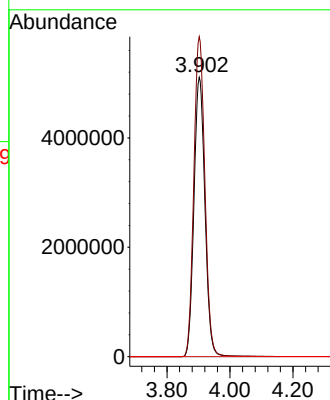
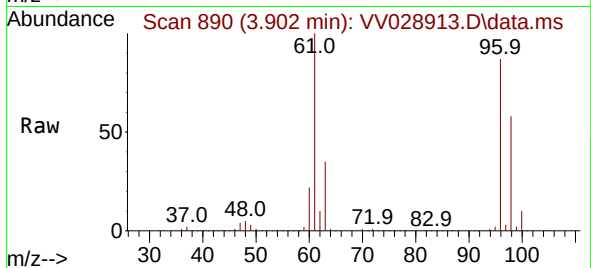
MSVOA_V

ClientSampleId :

GBMY3

Tgt Ion: 96 Resp:12412541

Ion	Ratio	Lower	Upper
96	100		
61	114.5	82.3	152.9
68	0.0	0.0	0.0



#29

1,1,1-Trichloroethane

Concen: 0.595 ug/L

RT: 4.606 min Scan# 1109

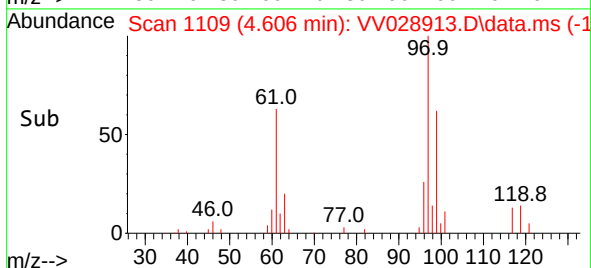
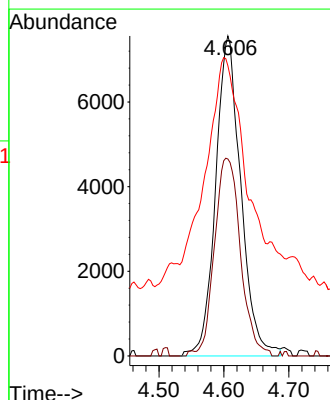
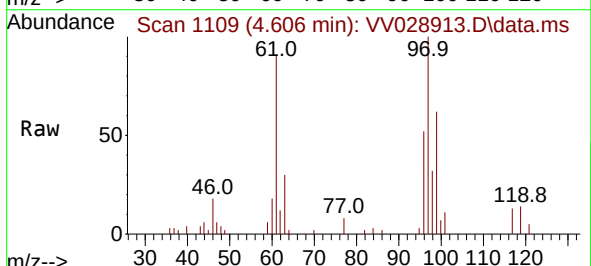
Delta R.T. 0.003 min

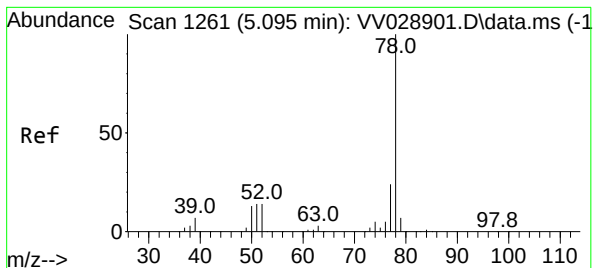
Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

Tgt Ion: 97 Resp: 20347

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.7	79.1
61	95.7	33.8	50.6





#33

Benzene

Concen: 0.337 ug/L

RT: 5.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

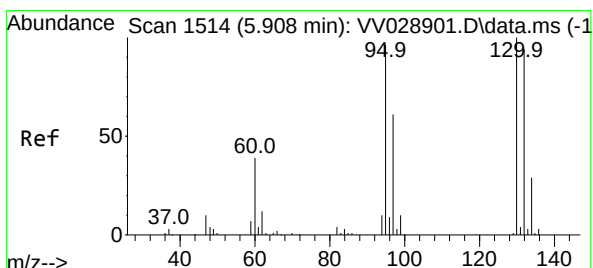
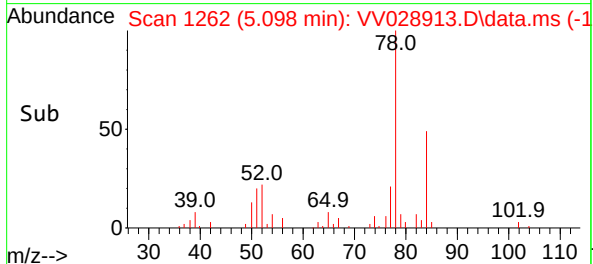
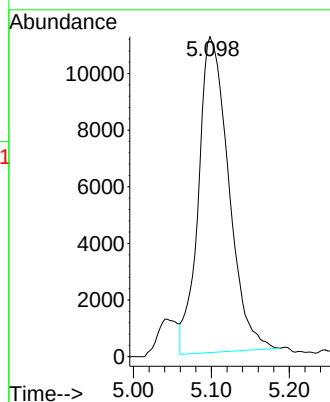
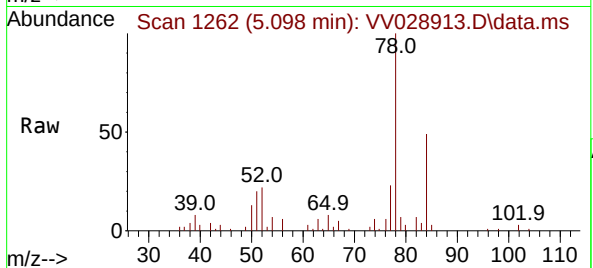
Instrument :

MSVOA_V

ClientSampleId :

GBMY3

Tgt Ion: 78 Resp: 30013



#34

Trichloroethene

Concen: 577.254 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV028913.D

Acq: 12 Nov 2022 07:04

Tgt Ion: 95 Resp:13153562

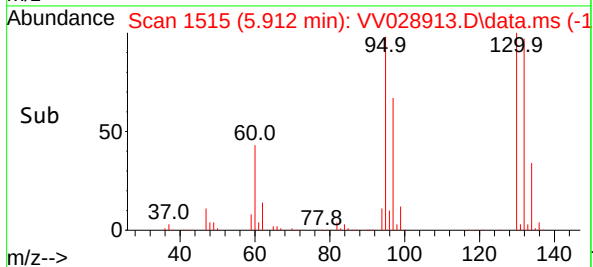
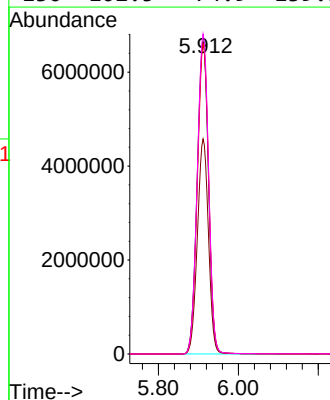
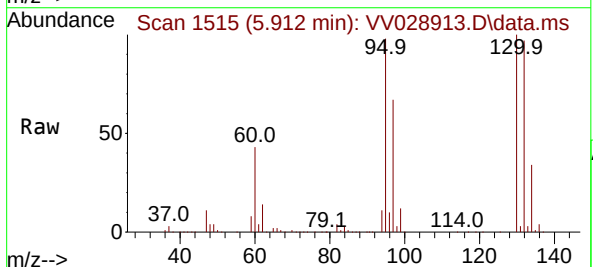
Ion Ratio Lower Upper

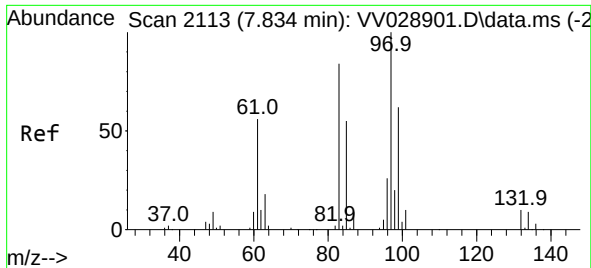
95 100

97 68.9 45.6 84.8

132 99.3 69.1 128.3

130 102.5 74.9 139.1



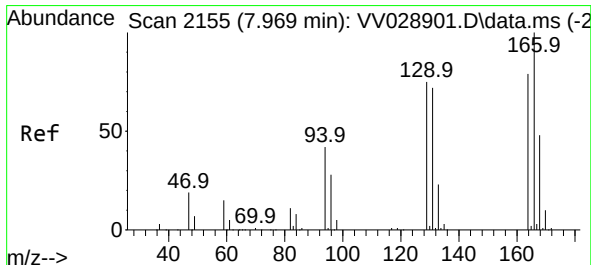
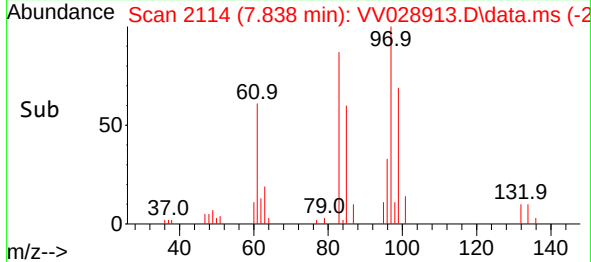
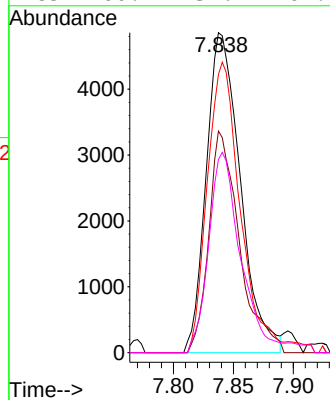
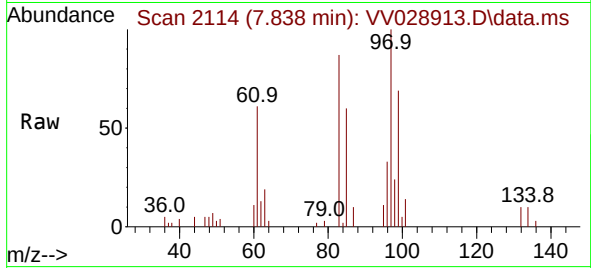


#45
1,1,2-Trichloroethane
Concen: 0.715 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV028913.D
Acq: 12 Nov 2022 07:04

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 97 Resp: 9602

Ion	Ratio	Lower	Upper
97	100		
99	69.2	41.5	77.1
83	86.9	60.0	111.4
85	60.4	37.4	69.4



#47
Tetrachloroethene
Concen: 3.121 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028913.D
Acq: 12 Nov 2022 07:04

Tgt Ion: 164 Resp: 56943

Ion	Ratio	Lower	Upper
164	100		
129	88.4	63.9	118.7
131	81.2	61.8	114.8
166	121.5	90.2	167.4

