

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029880.D
 Acq On : 16 Jan 2023 16:28
 Operator : SY/MD
 Sample : 01136-10 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC3

Quant Time: Jan 17 00:39:03 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)

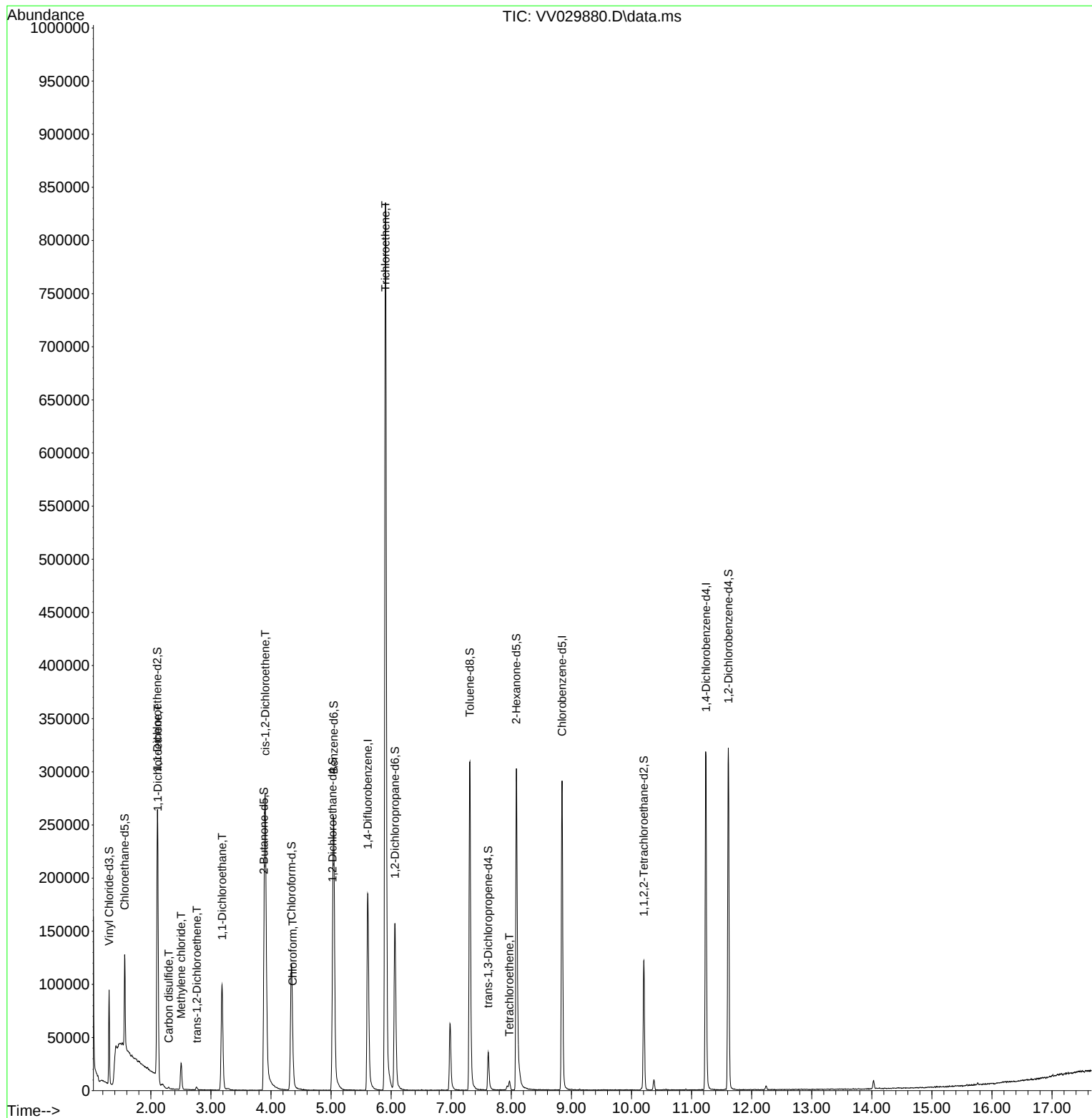
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	177070	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	171831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	88885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54389	4.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.564	69	54379	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.108	63	100892	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.883	46	129660	54.468	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	4.342	84	129572	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.024	65	58256	5.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.043	84	262421	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.063	67	84549	5.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.400%
41) Toluene-d8	7.310	98	223388	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.616	79	23238	4.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.085	63	118007	53.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	63265	5.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	88570	5.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	46589	3.081	ug/L	91
14) Carbon disulfide	2.297	76	2632	0.060	ug/L	98
16) Methylene chloride	2.503	84	10986	0.585	ug/L	92
18) trans-1,2-Dichloroethene	2.764	96	1182	0.084	ug/L	79
19) 1,1-Dichloroethane	3.185	63	101522	4.318	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	139570	9.319	ug/L	99
25) Chloroform	4.362	83	4294	0.168	ug/L	92
34) Trichloroethene	5.905	95	305039	21.187	ug/L	97
47) Tetrachloroethene	7.969	164	1999	0.165	ug/L #	66

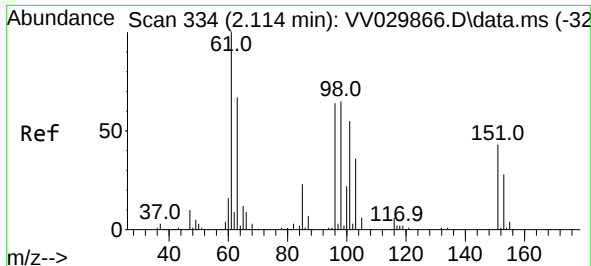
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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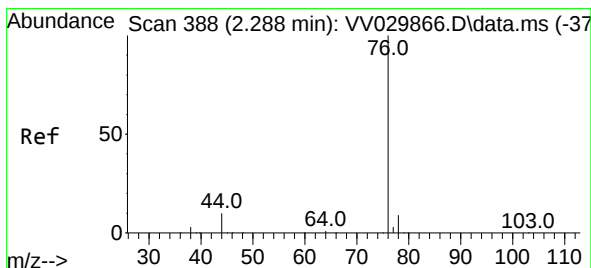
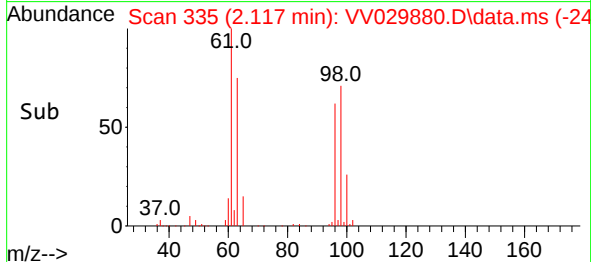
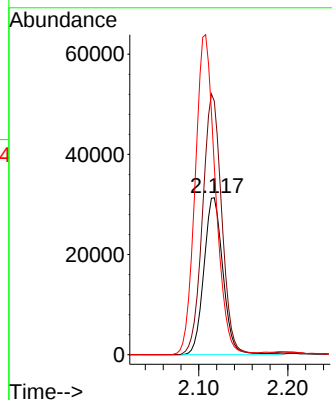
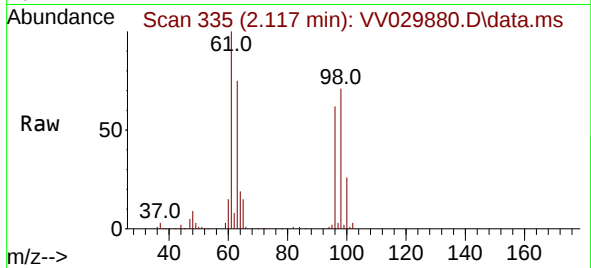




#12
1,1-Dichloroethene
Concen: 3.081 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV029880.D
Acq: 16 Jan 2023 16:28

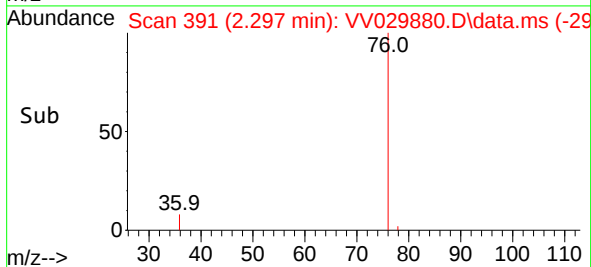
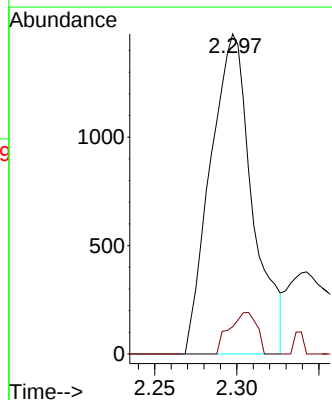
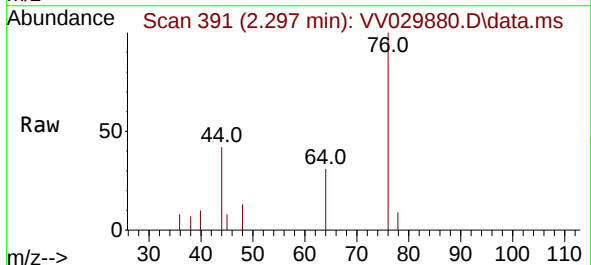
Instrument :
MSVOA_V
ClientSampleId :
BGJC3

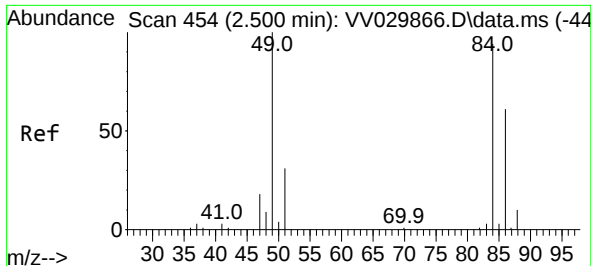
Tgt Ion: 96 Resp: 46589
Ion Ratio Lower Upper
96 100
61 161.6 106.1 197.1
63 120.4 76.4 141.8



#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.013 min
Lab File: VV029880.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 76 Resp: 2632
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

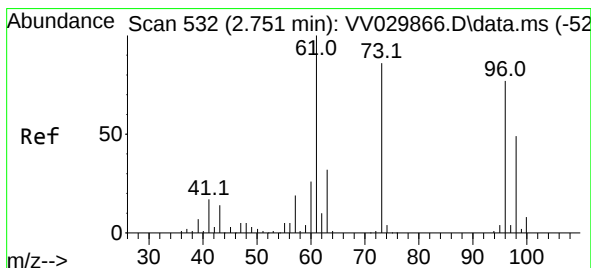
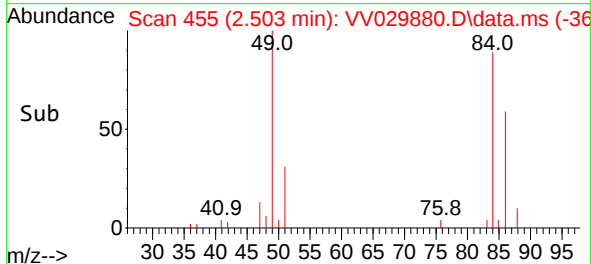
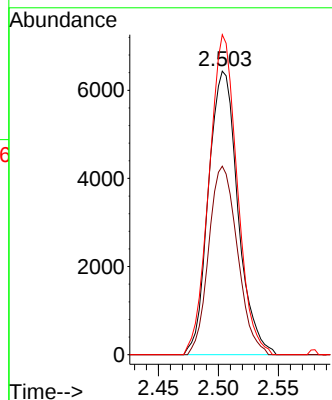
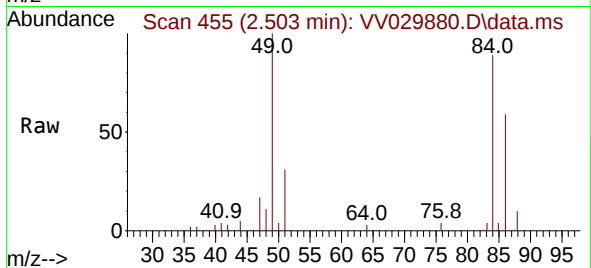




#16
Methylene chloride
Concen: 0.585 ug/L
RT: 2.503 min Scan# 416
Delta R.T. 0.006 min
Lab File: VV029880.D
Acq: 16 Jan 2023 16:28

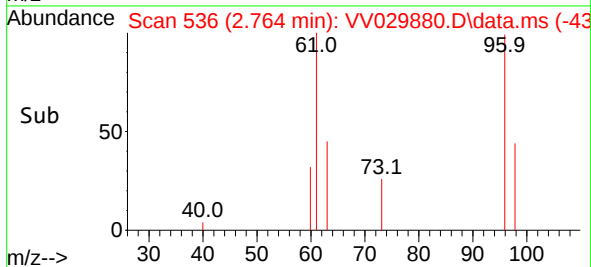
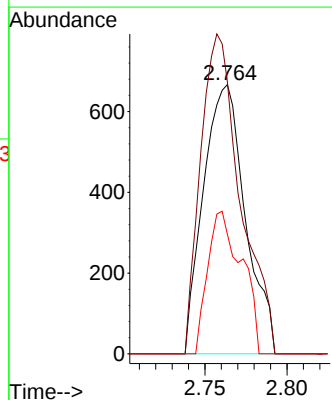
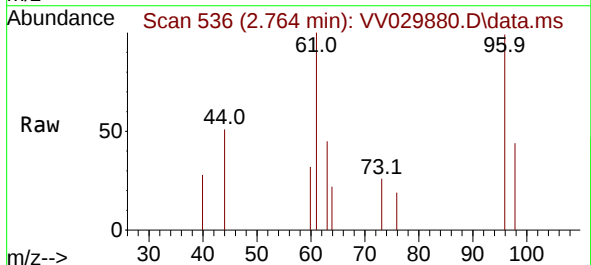
Instrument :
MSVOA_V
ClientSampleId :
BGJC3

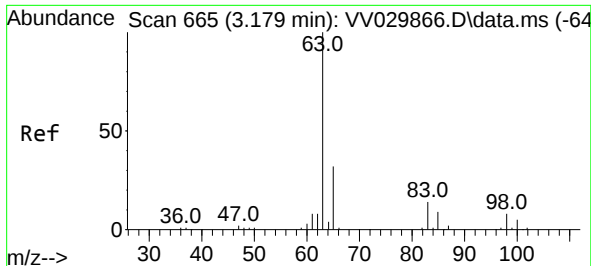
Tgt Ion: 84 Resp: 10986
Ion Ratio Lower Upper
84 100
86 66.5 45.0 83.6
49 112.8 71.5 132.7



#18
trans-1,2-Dichloroethene
Concen: 0.084 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV029880.D
Acq: 16 Jan 2023 16:28

Tgt Ion: 96 Resp: 1182
Ion Ratio Lower Upper
96 100
61 100.9 86.1 159.9
98 44.4 43.9 81.5





#19

1,1-Dichloroethane

Concen: 4.318 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029880.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_V

ClientSampleId :

BGJC3

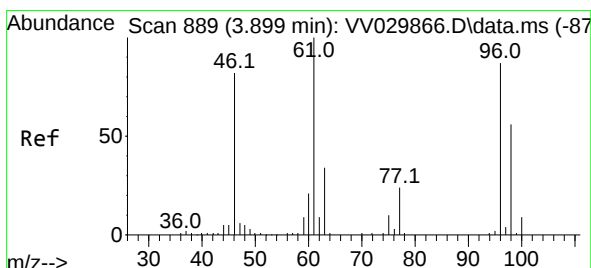
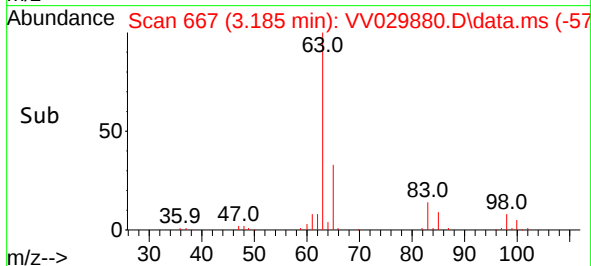
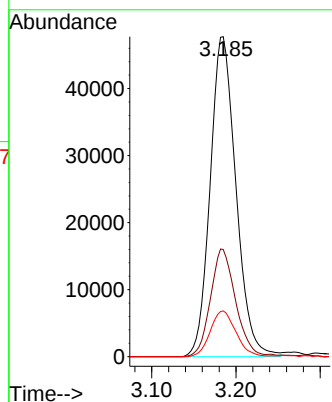
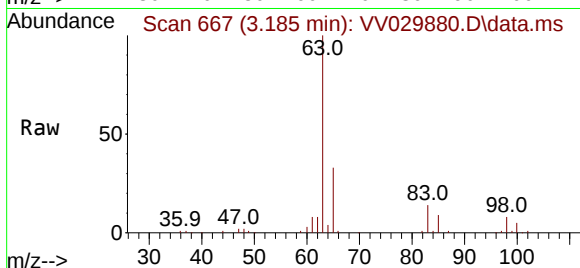
Tgt Ion: 63 Resp: 101522

Ion Ratio Lower Upper

63 100

65 33.5 22.4 41.6

83 14.3 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 9.319 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029880.D

Acq: 16 Jan 2023 16:28

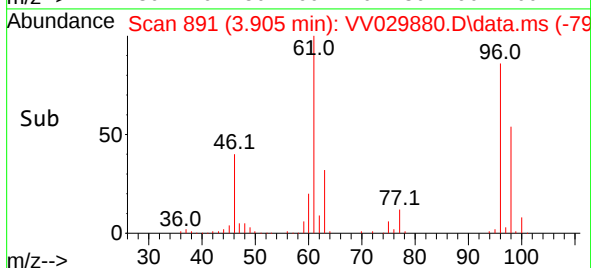
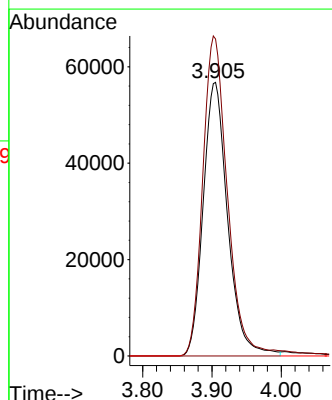
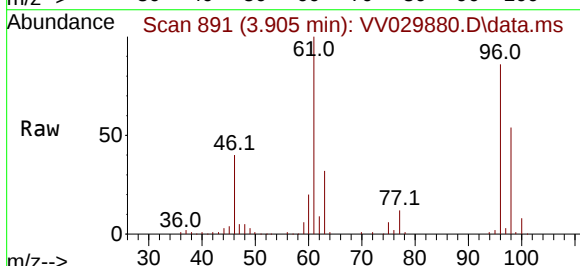
Tgt Ion: 96 Resp: 139570

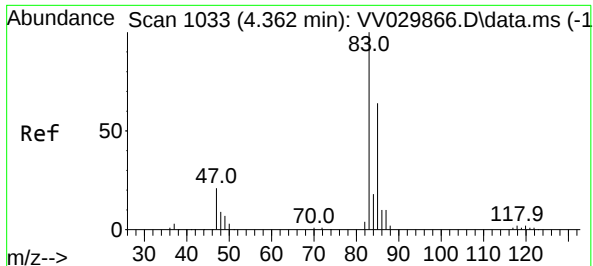
Ion Ratio Lower Upper

96 100

61 115.9 80.0 148.6

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.168 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029880.D

Acq: 16 Jan 2023 16:28

Instrument :

MSVOA_V

ClientSampleId :

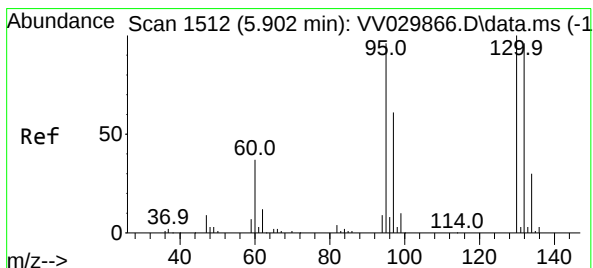
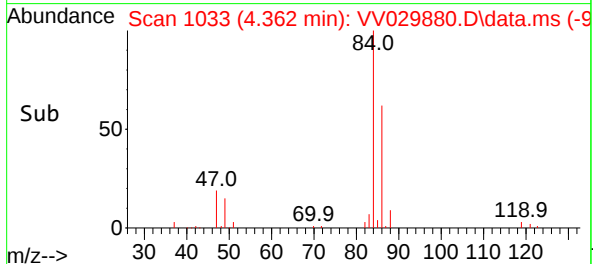
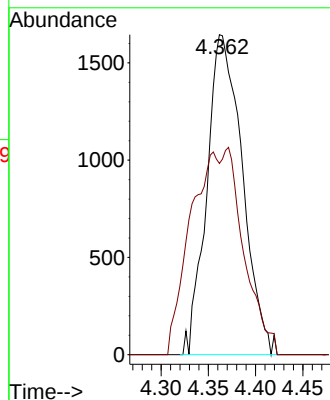
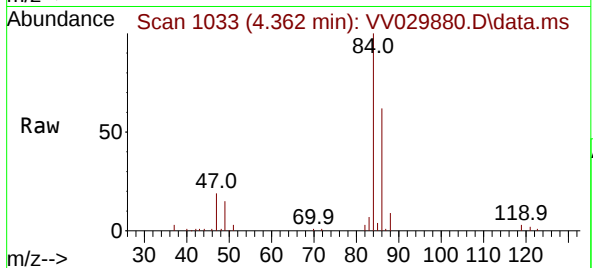
BGJC3

Tgt Ion: 83 Resp: 4294

Ion Ratio Lower Upper

83 100

85 59.8 46.5 86.5



#34

Trichloroethene

Concen: 21.187 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029880.D

Acq: 16 Jan 2023 16:28

Tgt Ion: 95 Resp: 305039

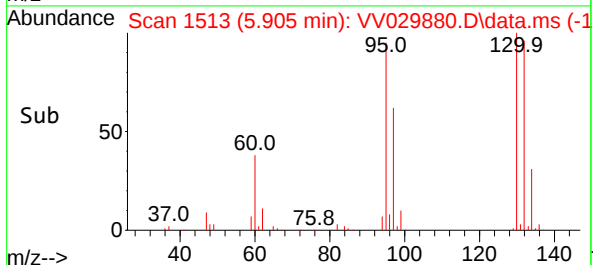
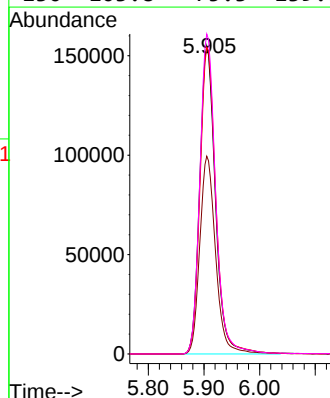
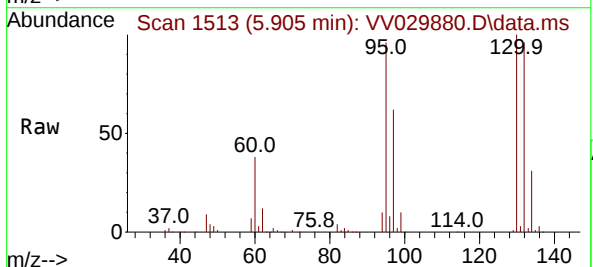
Ion Ratio Lower Upper

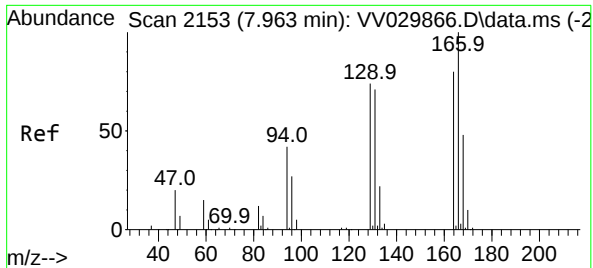
95 100

97 64.2 44.9 83.3

132 99.5 71.8 133.4

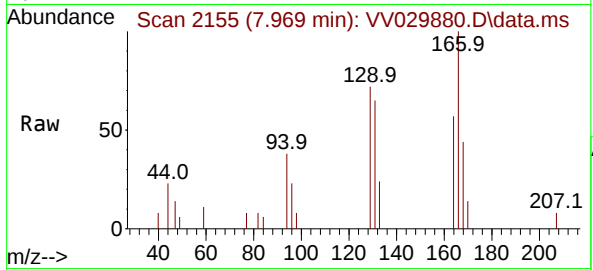
130 103.8 75.3 139.8





#47
 Tetrachloroethene
 Concen: 0.165 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.003 min
 Lab File: VV029880.D
 Acq: 16 Jan 2023 16:28

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	1999
Ion	Ratio	Lower	Upper
164	100		
129	126.0	64.5	119.7#
131	113.7	62.9	116.7
166	174.6	90.7	168.5#

