

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
 Data File : VV025913.D
 Acq On : 16 May 2022 15:40
 Operator : SY/MD
 Sample : N2831-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K1

Quant Time: May 17 08:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

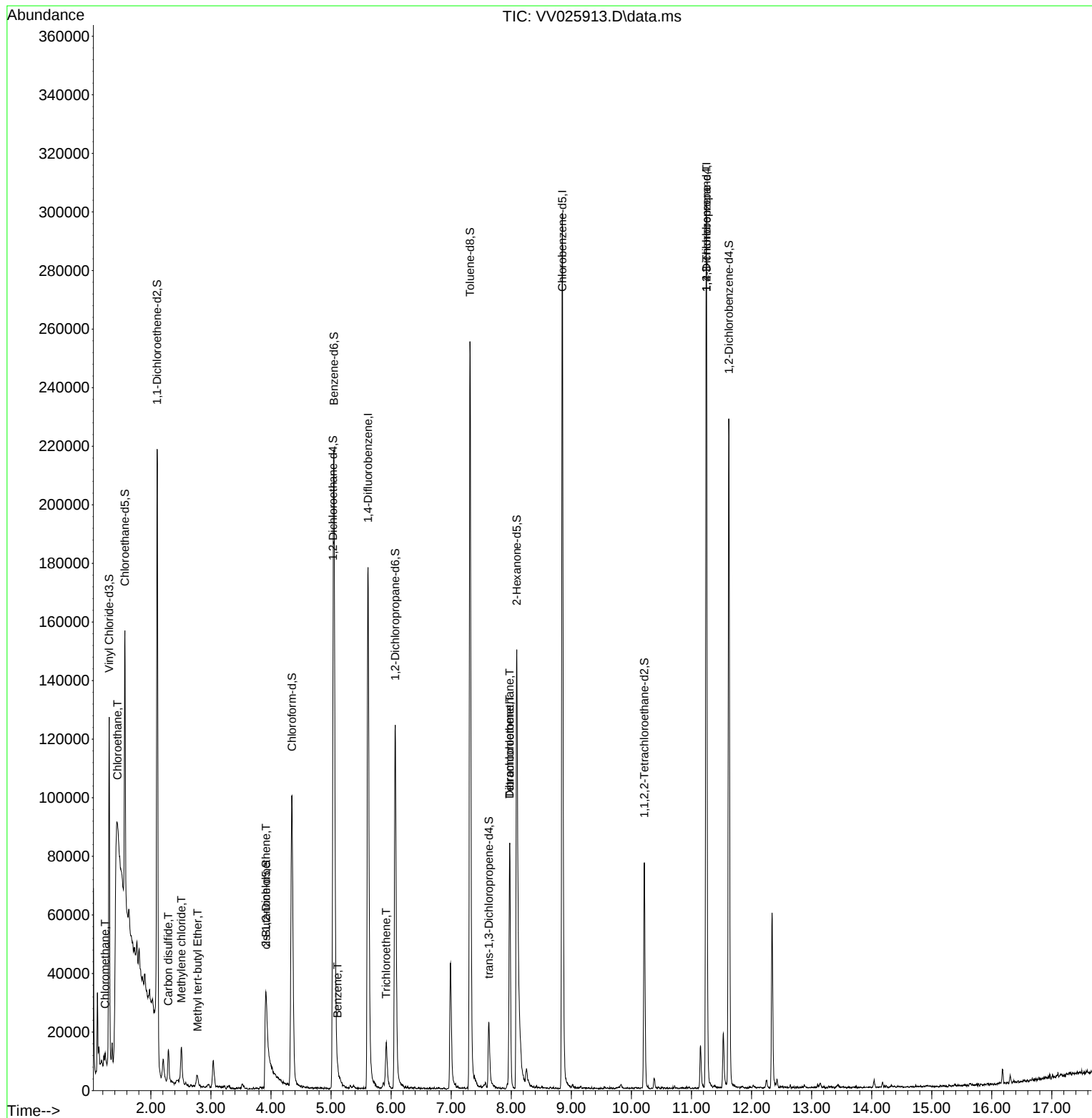
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	159640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63818	4.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.568	69	56958	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.105	63	104643	3.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.915	46	58419	38.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.520%
24) Chloroform-d	4.349	84	104284	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.034	65	45700	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	205378	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	60992	4.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	171633	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.628	79	15170	3.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.091	63	60803	40.991	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38359	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	56729	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2553	0.127	ug/L	97
8) Chloroethane	1.445	64	376388	27.431	ug/L #	50
14) Carbon disulfide	2.291	76	13423	0.340	ug/L	98
16) Methylene chloride	2.510	84	5466	0.351	ug/L	90
17) Methyl tert-butyl Ether	2.777	73	3306	0.135	ug/L #	80
22) cis-1,2-Dichloroethene	3.918	96	6971	0.510	ug/L	96
33) Benzene	5.108	78	3037	0.055	ug/L	100
34) Trichloroethene	5.918	95	5422	0.387	ug/L	98
47) Tetrachloroethene	7.976	164	18327	1.690	ug/L	97
49) Dibromochloromethane	7.976	129	17345	1.789	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	9619	1.506	ug/L #	63

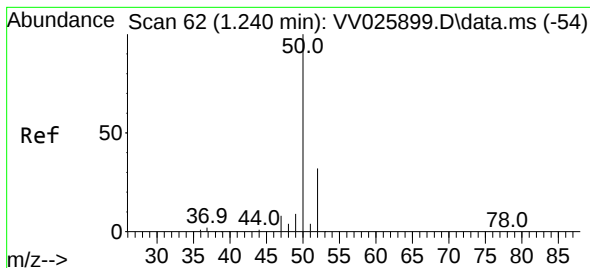
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 17 07:58:29 2022
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#3

Chloromethane

Concen: 0.127 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV025913.D

Acq: 16 May 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

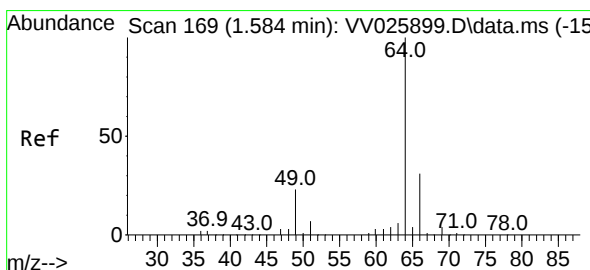
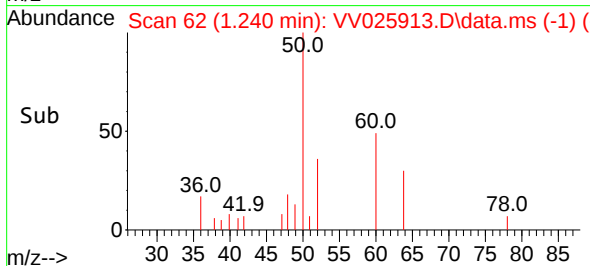
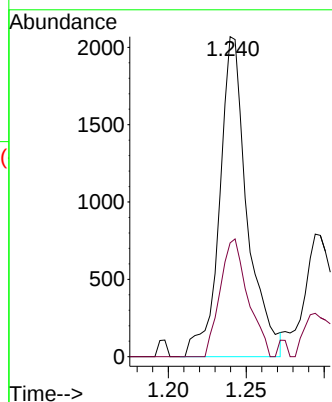
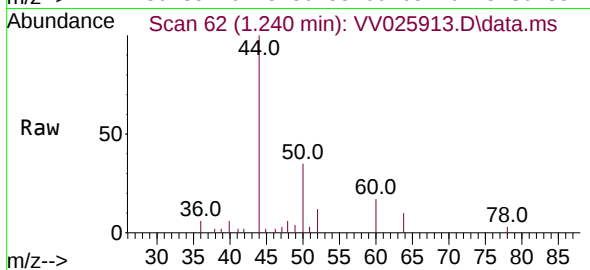
YB2K1

Tgt Ion: 50 Resp: 2553

Ion Ratio Lower Upper

50 100

52 35.6 23.9 44.3



#8

Chloroethane

Concen: 27.431 ug/L

RT: 1.445 min Scan# 126

Delta R.T. -0.138 min

Lab File: VV025913.D

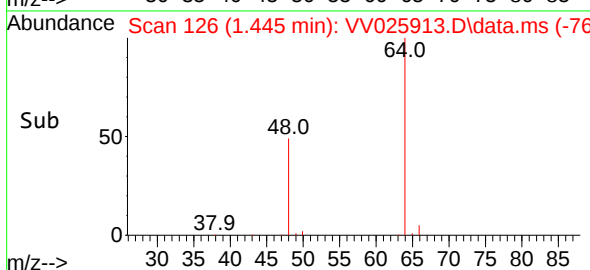
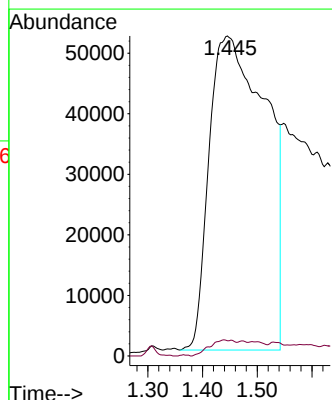
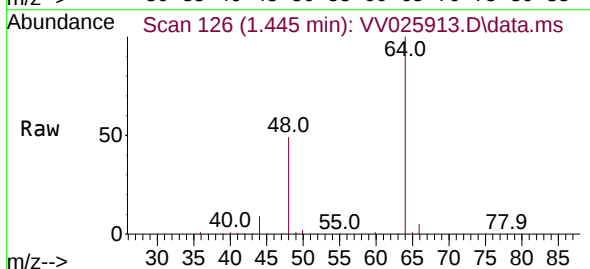
Acq: 16 May 2022 15:40

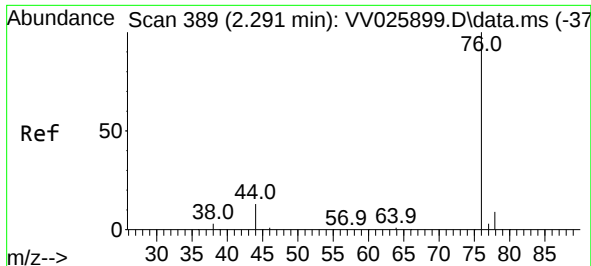
Tgt Ion: 64 Resp: 376388

Ion Ratio Lower Upper

64 100

66 4.7 22.9 42.5#

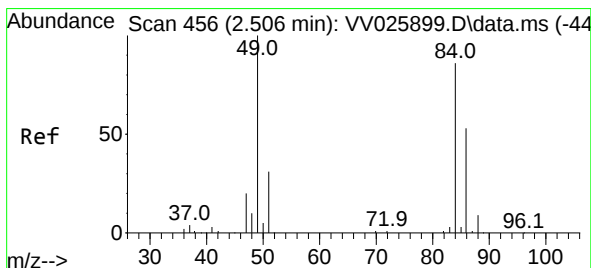
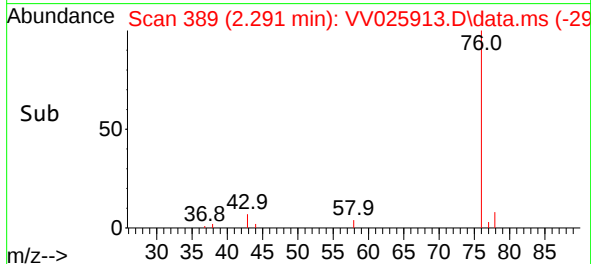
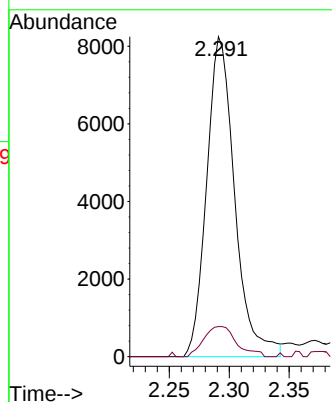
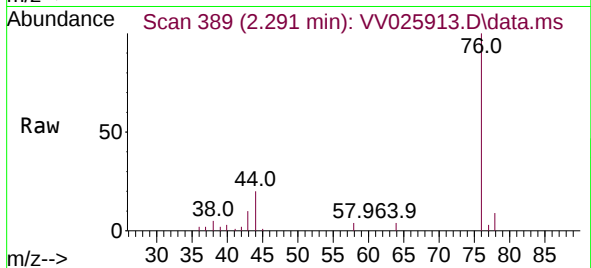




#14
Carbon disulfide
Concen: 0.340 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

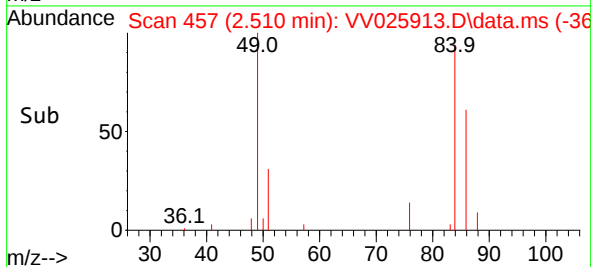
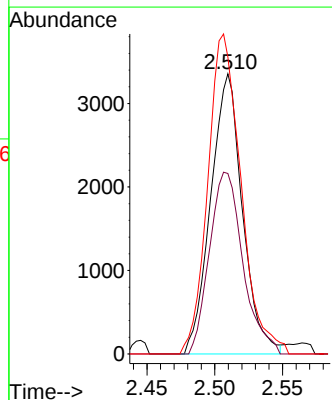
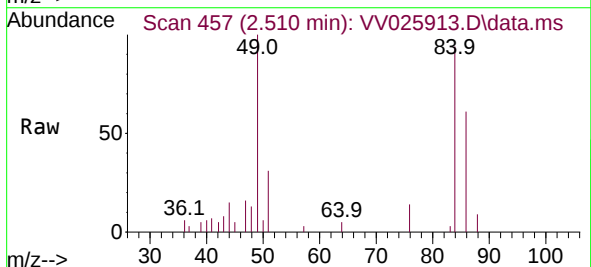
Instrument :
MSVOA_V
ClientSampleId :
YB2K1

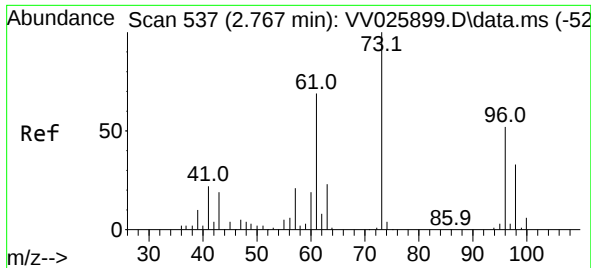
Tgt Ion: 76 Resp: 13423
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#16
Methylene chloride
Concen: 0.351 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

Tgt Ion: 84 Resp: 5466
Ion Ratio Lower Upper
84 100
86 64.4 45.4 84.2
49 106.0 85.6 159.0

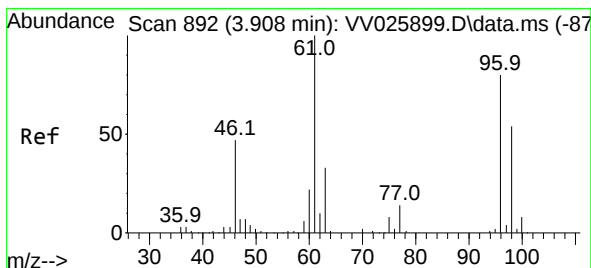
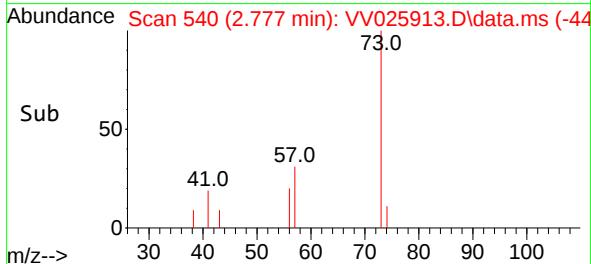
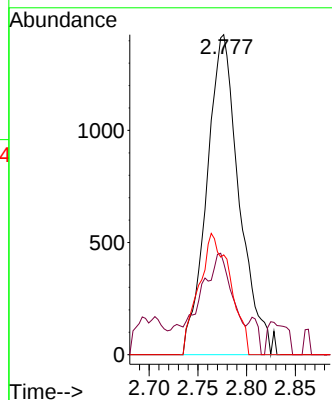
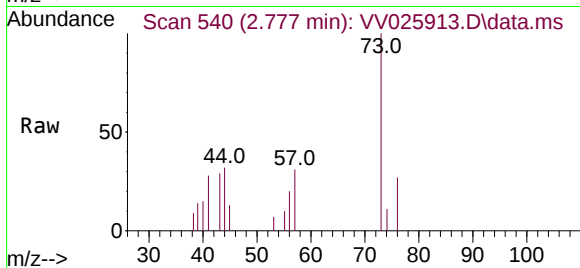




#17
Methyl tert-butyl Ether
Concen: 0.135 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

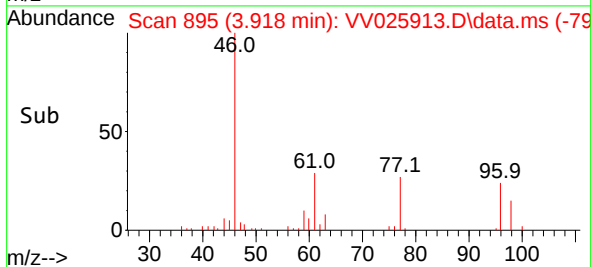
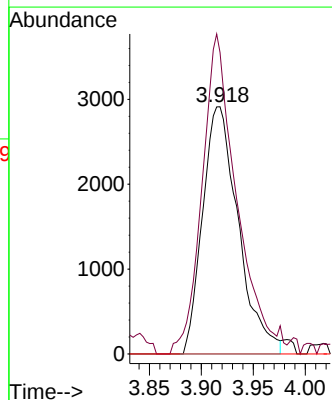
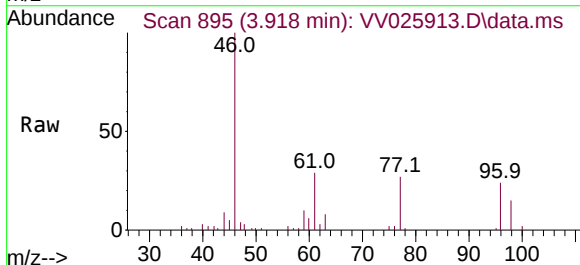
Instrument :
MSVOA_V
ClientSampleId :
YB2K1

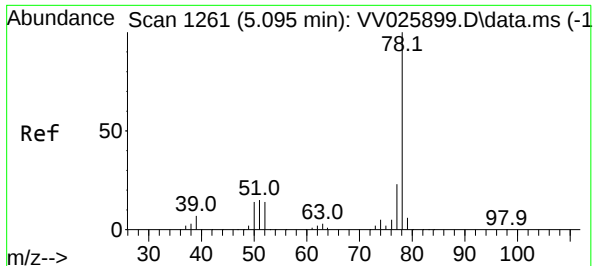
Tgt Ion: 73 Resp: 3306
Ion Ratio Lower Upper
73 100
43 21.1 14.6 22.0
57 37.1 17.9 26.9#



#22
cis-1,2-Dichloroethene
Concen: 0.510 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

Tgt Ion: 96 Resp: 6971
Ion Ratio Lower Upper
96 100
61 121.9 88.9 165.1
68 0.0 0.0 0.0

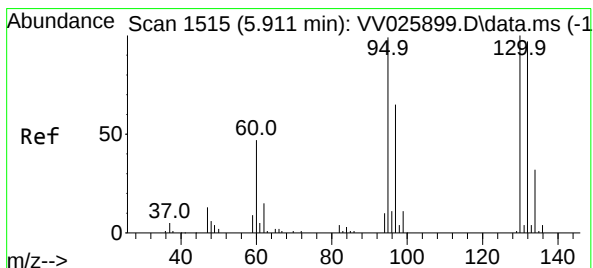
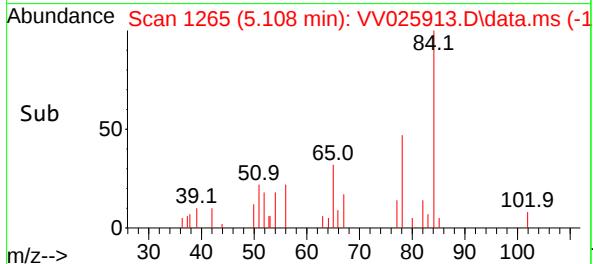
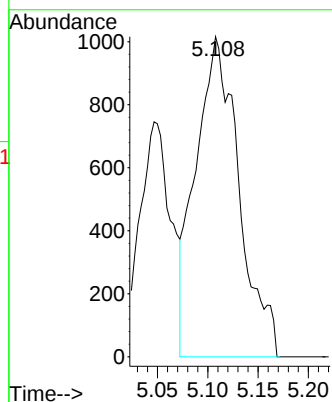
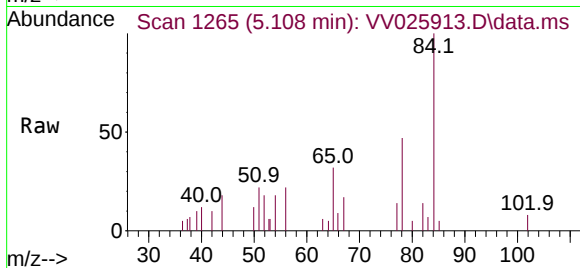




#33
Benzene
Concen: 0.055 ug/L
RT: 5.108 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

Instrument :
MSVOA_V
ClientSampleId :
YB2K1

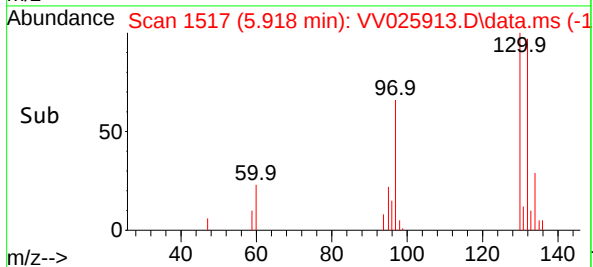
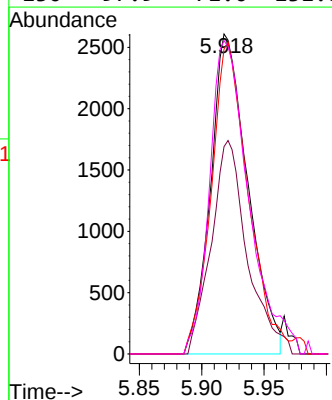
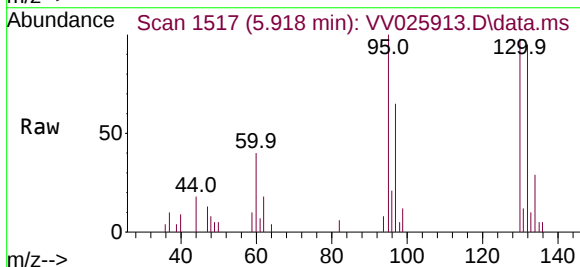
Tgt Ion: 78 Resp: 3037

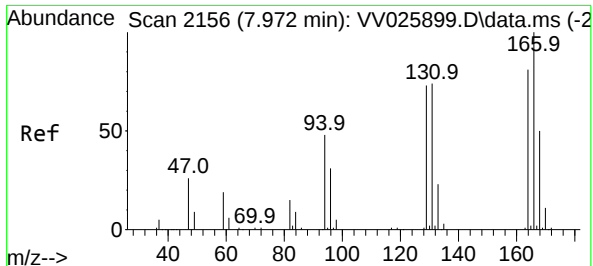


#34
Trichloroethene
Concen: 0.387 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025913.D
Acq: 16 May 2022 15:40

Tgt Ion: 95 Resp: 5422

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.9	83.3
132	95.3	67.6	125.6
130	97.9	71.0	131.8





#47

Tetrachloroethene

Concen: 1.690 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025913.D

Acq: 16 May 2022 15:40

Instrument :

MSVOA_V

ClientSampleId :

YB2K1

Tgt Ion:164 Resp: 18327

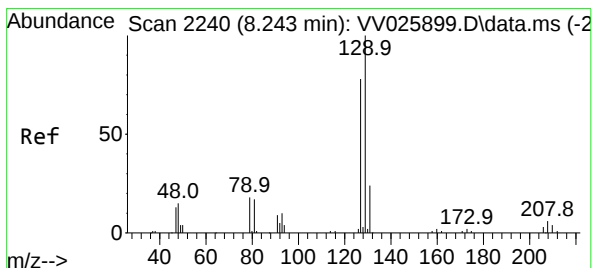
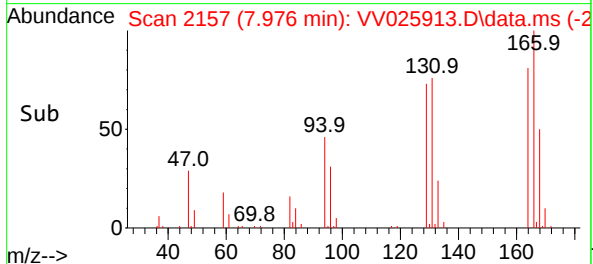
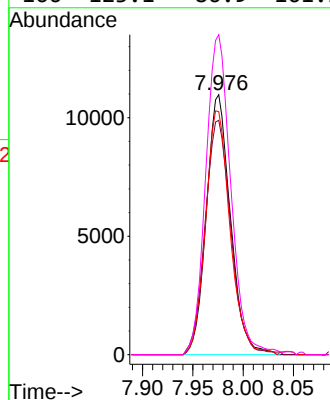
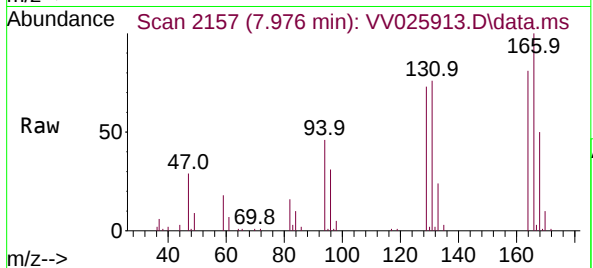
Ion Ratio Lower Upper

164 100

129 90.2 67.5 125.4

131 93.5 63.8 118.4

166 123.1 86.9 161.3



#49

Dibromochloromethane

Concen: 1.789 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025913.D

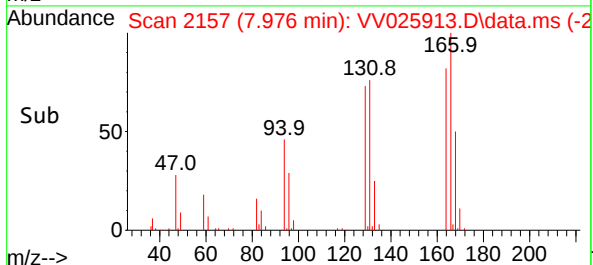
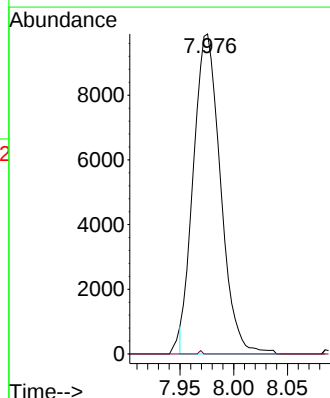
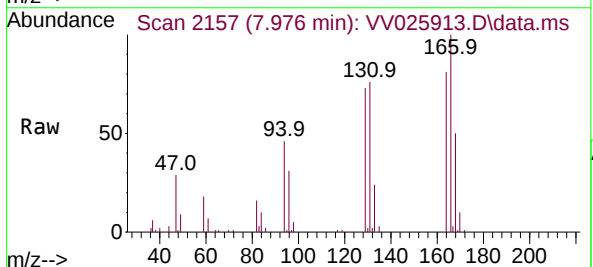
Acq: 16 May 2022 15:40

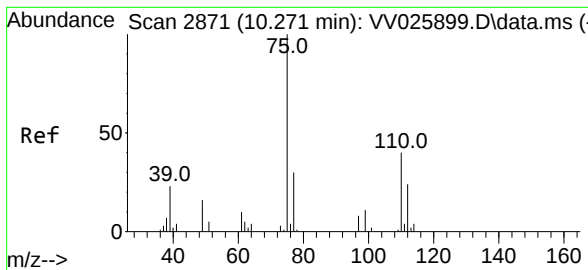
Tgt Ion:129 Resp: 17345

Ion Ratio Lower Upper

129 100

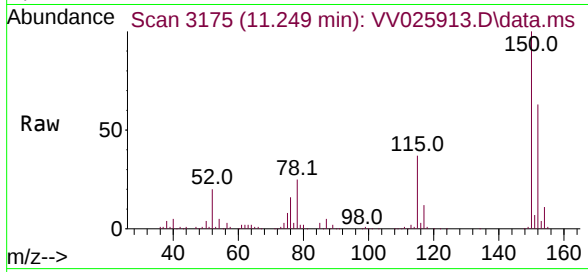
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.506 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025913.D
 Acq: 16 May 2022 15:40

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Tgt Ion: 75	Resp:	9619
Ion Ratio	Lower	Upper
75	100	
77	36.9	26.2 39.2
110	3.0	32.4 48.6#

