

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025916.D
 Acq On : 16 May 2022 17:06
 Operator : SY/MD
 Sample : N2831-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 17 08:03:18 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	5.657	114	189	5.000	ug/L	# 0.05
28) Chlorobenzene-d5	8.863	117	440	5.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.255	152	1171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	149	9.545	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	191.000%#	
7) Chloroethane-d5	1.535	69	47	3.516	ug/L	-0.03
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.400%	
11) 1,1-Dichloroethene-d2	2.108	63	326	9.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	188.800%#	
20) 2-Butanone-d5	3.895	46	197	108.978	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	217.960%#	
24) Chloroform-d	4.346	84	46	1.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	36.000%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	5.066	84	184	1.610	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	32.200%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range 60 - 140	Recovery	=	0.000%#	
41) Toluene-d8	7.346	98	420	3.954	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	5.000	Range 55 - 130	Recovery	=	0.000%#	
46) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range 45 - 130	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount	5.000	Range 65 - 120	Recovery	=	0.000%#	
66) 1,2-Dichlorobenzene-d4	11.635	152	662	3.971	ug/L	0.01
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.400%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	45	2.208	ug/L #	42
3) Chloromethane	1.252	50	614	25.788	ug/L #	41
5) Vinyl chloride	1.185	62	22	0.879	ug/L #	1
6) Bromomethane	1.526	94	150	10.289	ug/L	90
8) Chloroethane	1.552	64	1961	120.716	ug/L #	51
12) 1,1-Dichloroethene	2.114	96	40	2.202	ug/L	73
13) Acetone	2.182	43	632	362.634	ug/L	74
14) Carbon disulfide	2.294	76	844	18.034	ug/L #	76
15) Methyl Acetate	2.442	43	176	44.331	ug/L #	46
16) Methylene chloride	2.506	84	13122	711.644	ug/L	96
21) 2-Butanone	3.992	43	78	31.166	ug/L #	55
22) cis-1,2-Dichloroethene	3.915	96	20	1.236	ug/L #	41
25) Chloroform	4.397	83	67	2.204	ug/L #	17
34) Trichloroethene	5.928	95	154	4.047	ug/L #	43
40) 4-Methyl-2-pentanone	7.230	43	83	5.105	ug/L #	43
48) 2-Hexanone	8.172	43	73	6.351	ug/L #	37
71) Naphthalene	13.516	128	86	0.274	ug/L #	69

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 17 07:58:29 2022
Response via : Initial Calibration

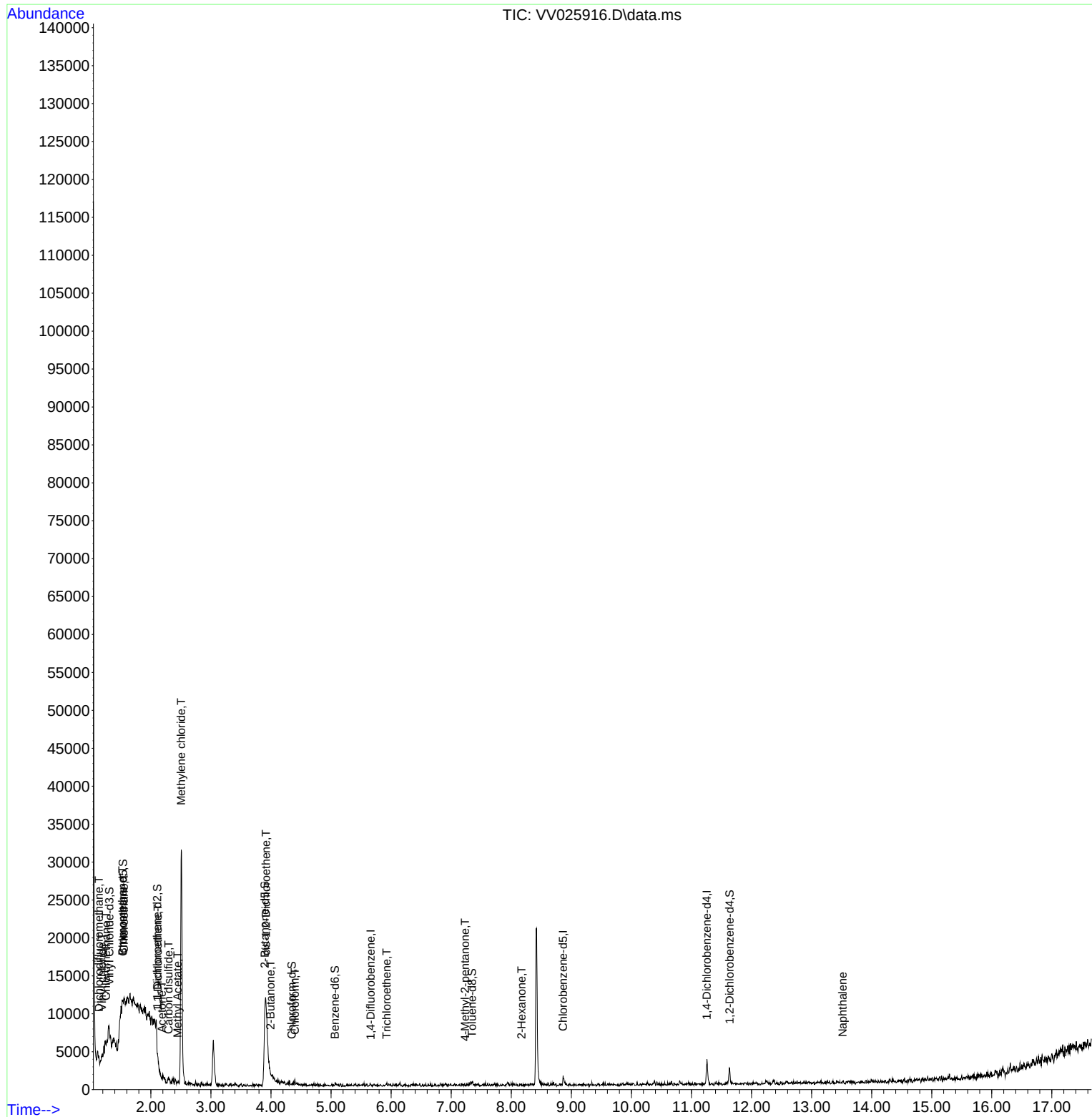
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

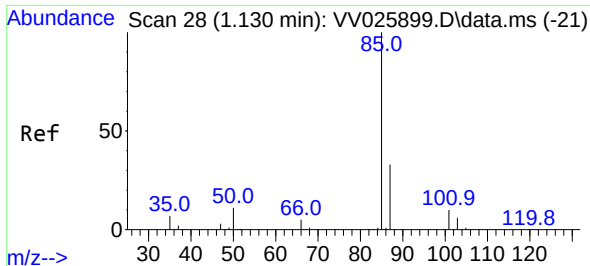
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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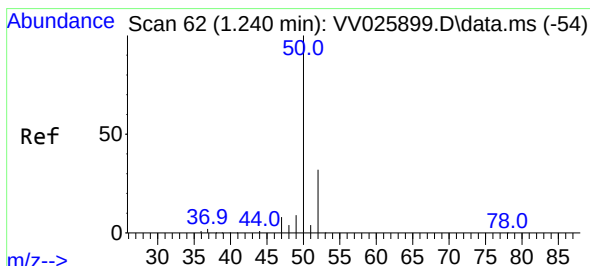
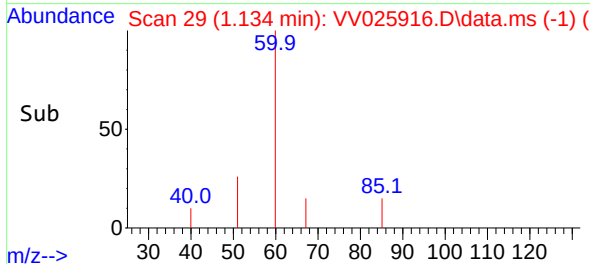
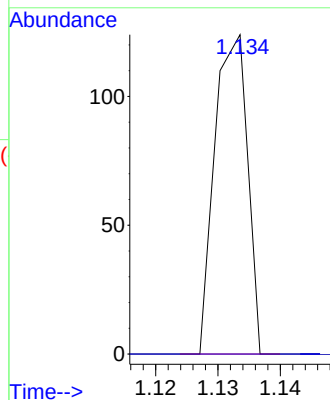
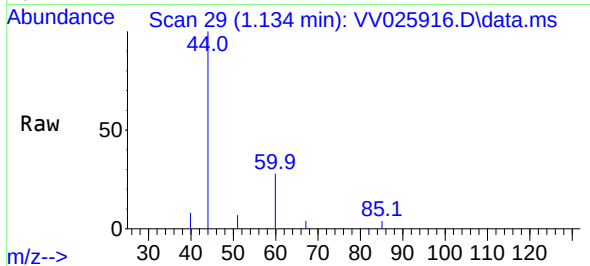




#2
 Dichlorodifluoromethane
 Concen: 2.208 ug/L
 RT: 1.134 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VV025916.D
 Acq: 16 May 2022 17:06

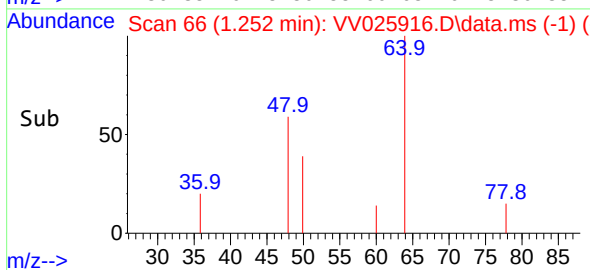
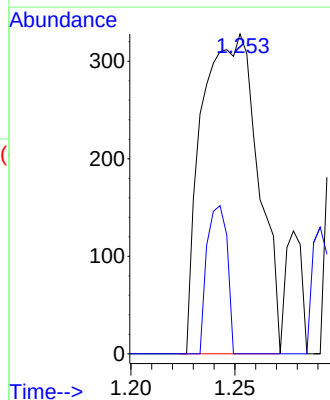
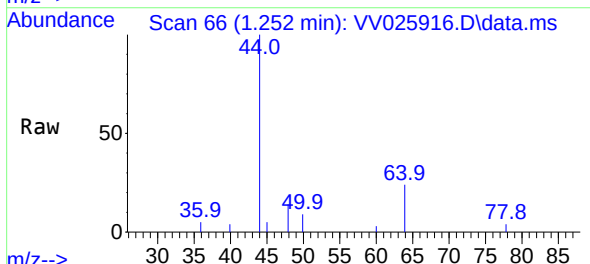
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Tgt Ion: 85 Resp: 45
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.0 39.0#

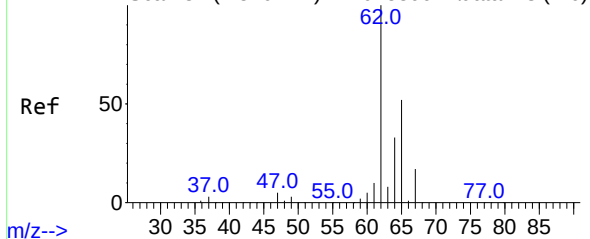


#3
 Chloromethane
 Concen: 25.788 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. 0.013 min
 Lab File: VV025916.D
 Acq: 16 May 2022 17:06

Tgt Ion: 50 Resp: 614
 Ion Ratio Lower Upper
 50 100
 52 0.0 23.9 44.3#



Abundance Scan 84 (1.310 min): VV025899.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.879 ug/L

RT: 1.185 min Scan# 41

Delta R.T. -0.125 min

Lab File: VV025916.D

Acq: 16 May 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

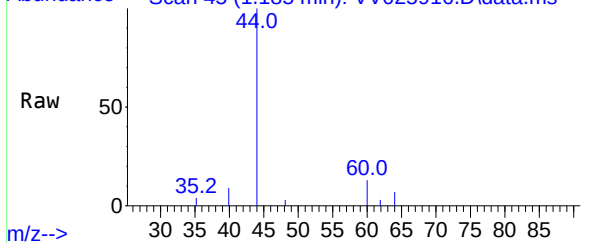
Tgt Ion: 62 Resp: 22

Ion Ratio Lower Upper

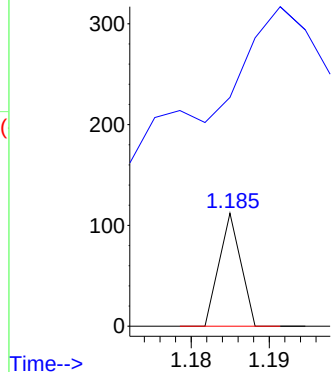
62 100

64 202.7 22.9 42.5#

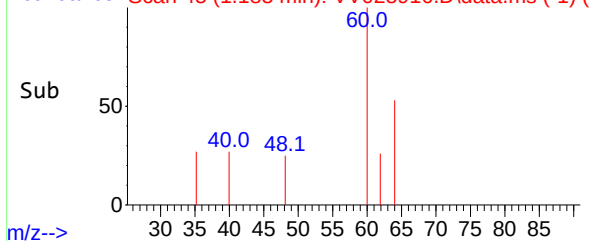
Abundance Scan 45 (1.185 min): VV025916.D\data.ms



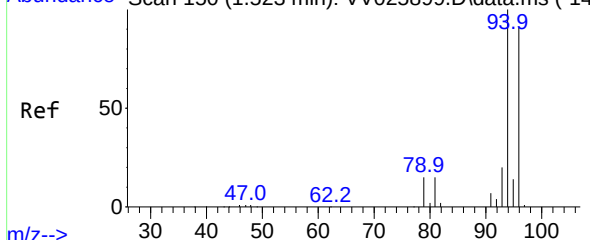
Abundance



Abundance Scan 45 (1.185 min): VV025916.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV025899.D\data.ms (-14)



#6

Bromomethane

Concen: 10.289 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.003 min

Lab File: VV025916.D

Acq: 16 May 2022 17:06

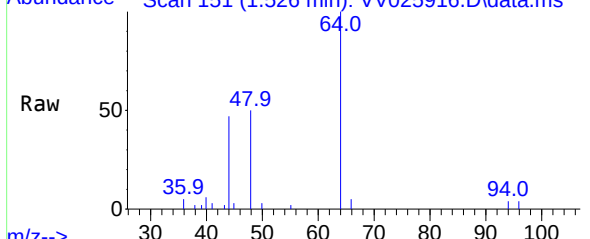
Tgt Ion: 94 Resp: 150

Ion Ratio Lower Upper

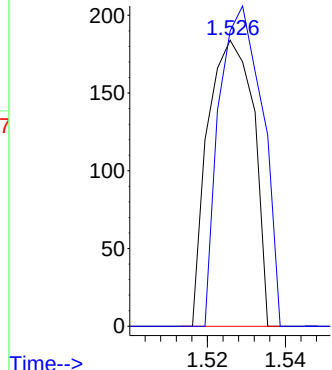
94 100

96 103.3 65.4 121.4

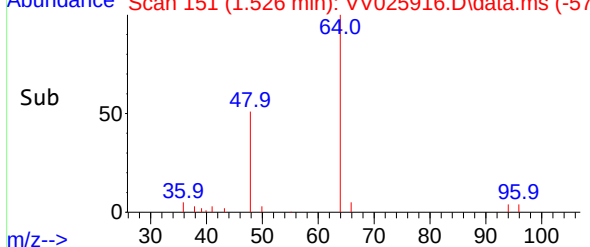
Abundance Scan 151 (1.526 min): VV025916.D\data.ms

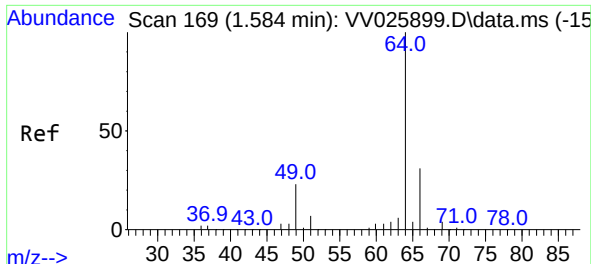


Abundance



Abundance Scan 151 (1.526 min): VV025916.D\data.ms (-57)

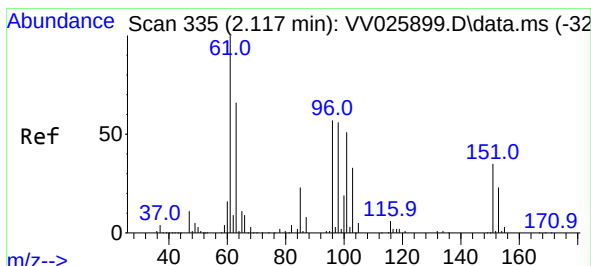
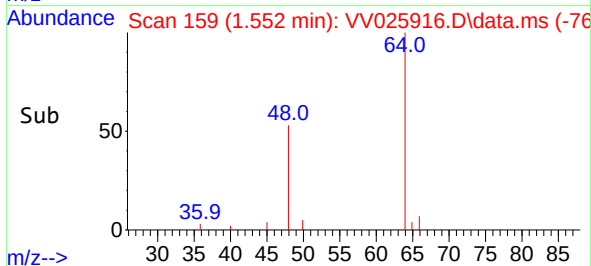
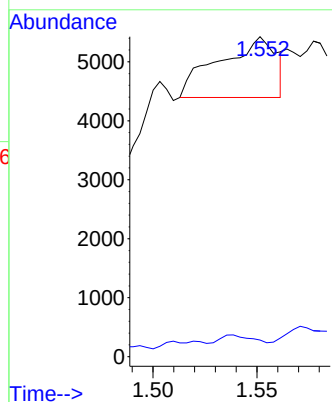
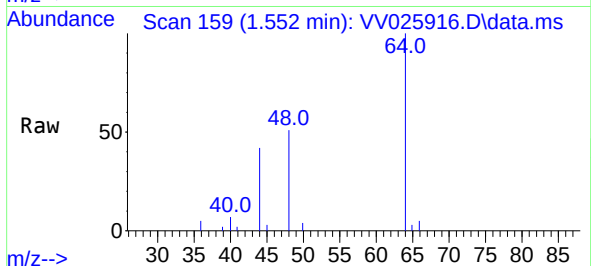




#8
Chloroethane
Concen: 120.716 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

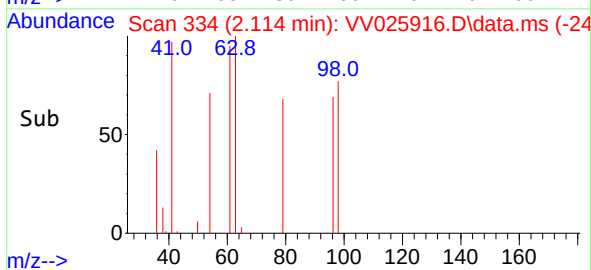
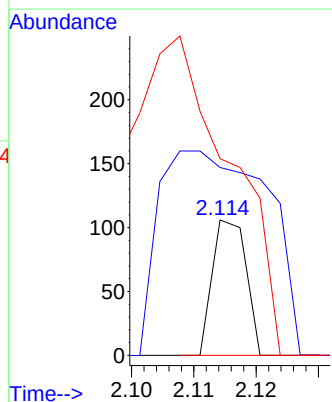
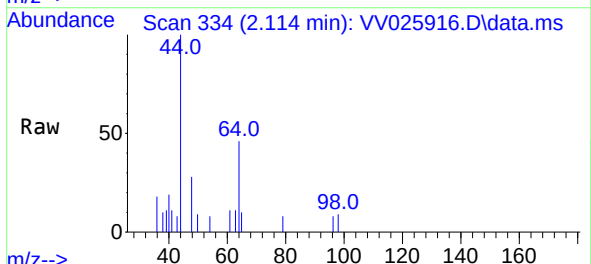
Instrument :
MSVOA_V
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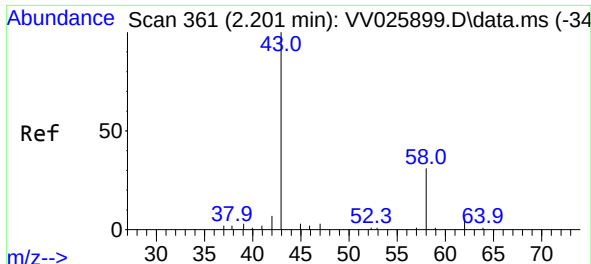
Tgt Ion: 64 Resp: 1961
Ion Ratio Lower Upper
64 100
66 5.2 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 2.202 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

Tgt Ion: 96 Resp: 40
Ion Ratio Lower Upper
96 100
61 138.7 119.8 222.6
63 145.3 78.3 145.3

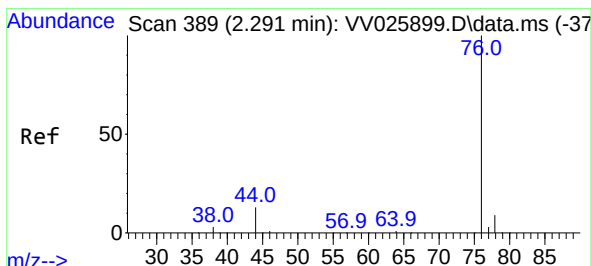
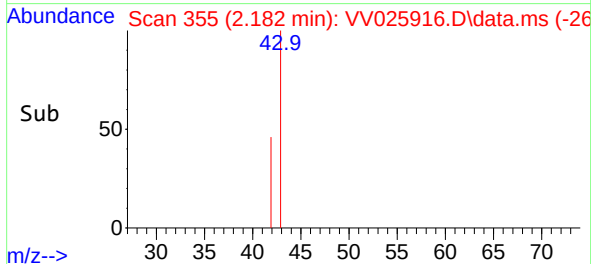
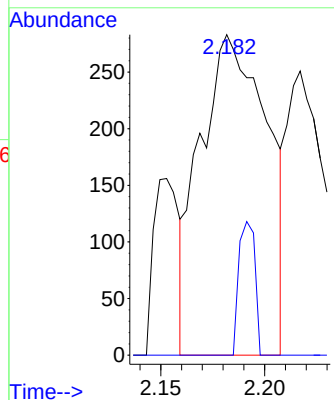
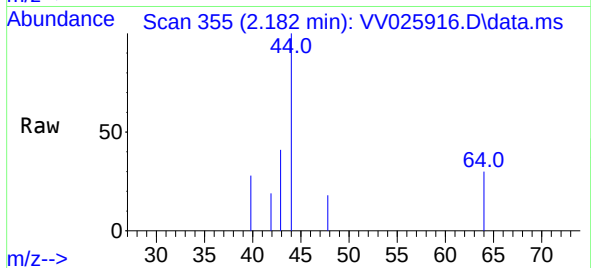




#13
Acetone
Concen: 362.634 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

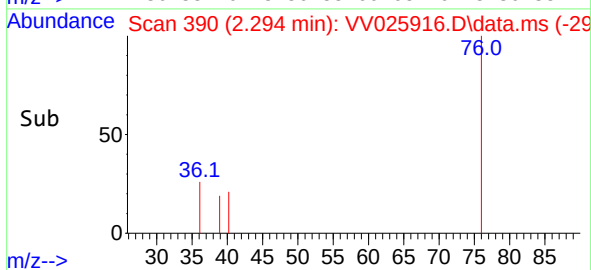
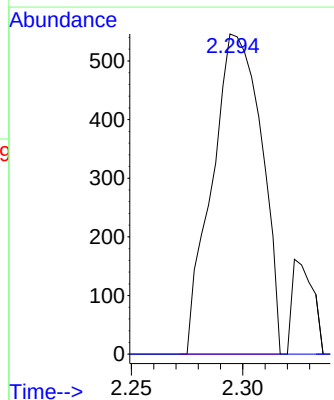
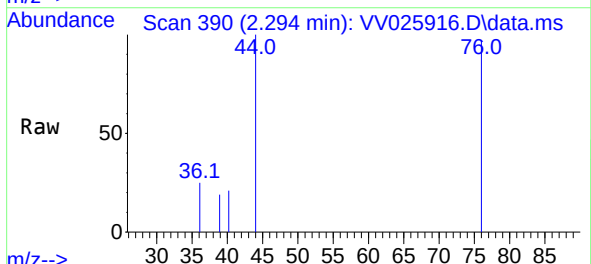
Instrument :
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ClientSampleId :
VHBLK001

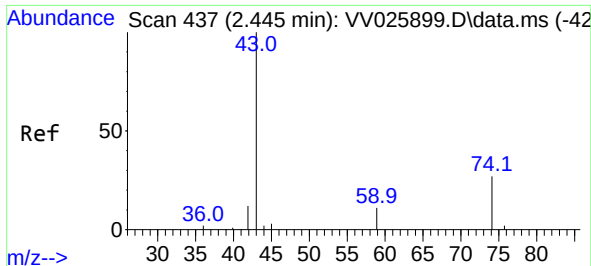
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 10.0 0.0 44.6



#14
Carbon disulfide
Concen: 18.034 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

Tgt Ion: 76 Resp: 844
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

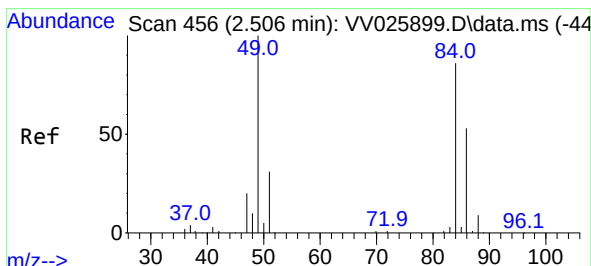
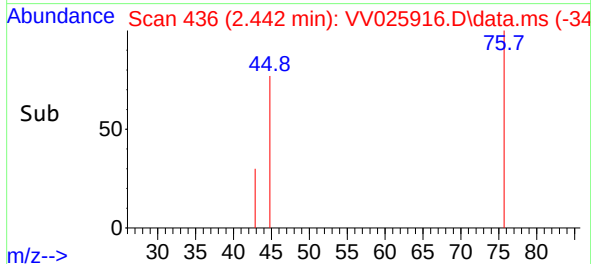
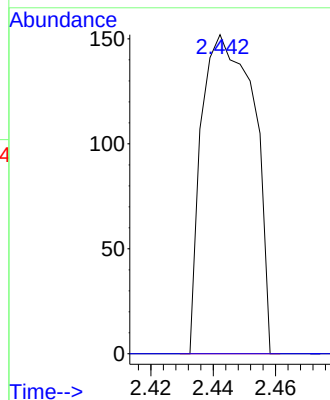
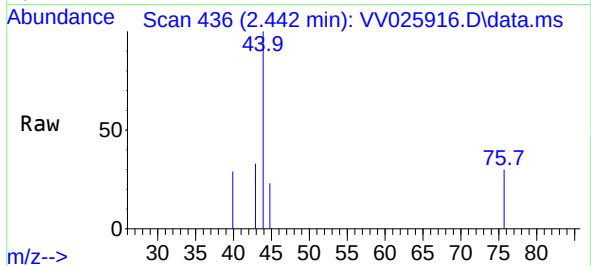




#15
Methyl Acetate
Concen: 44.331 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

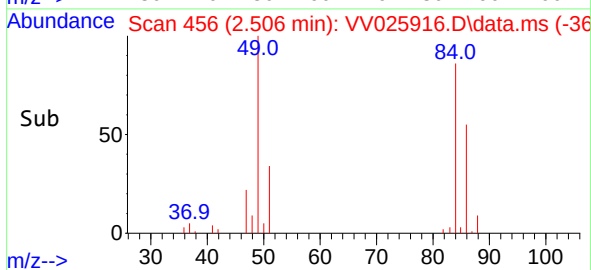
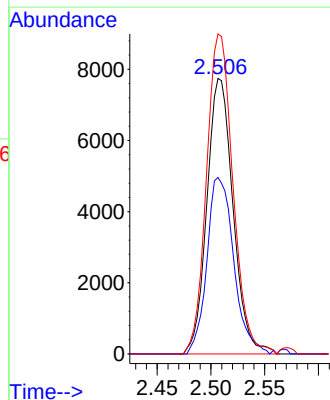
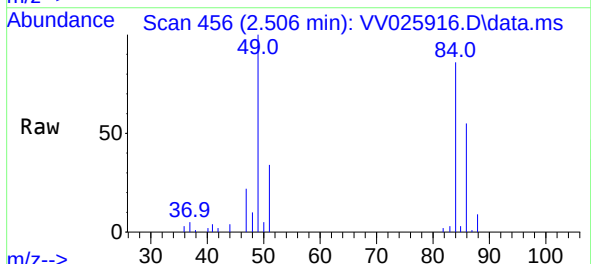
Instrument :
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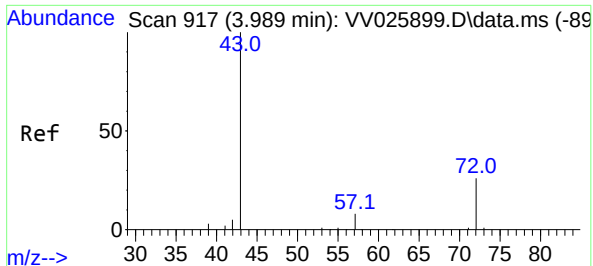
Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#16
Methylene chloride
Concen: 711.644 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

Tgt Ion: 84 Resp: 13122
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 116.2 85.6 159.0

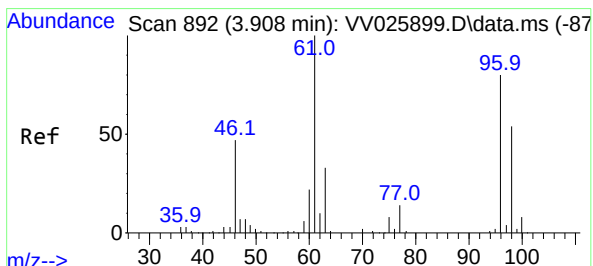
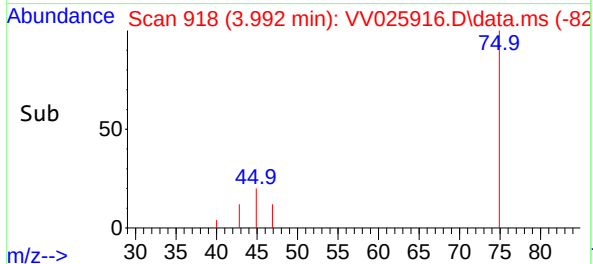
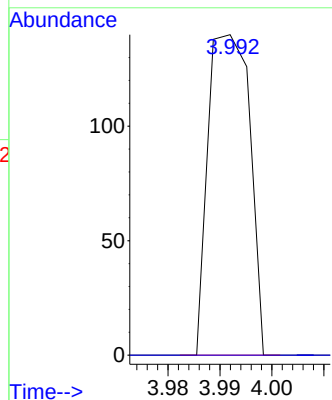
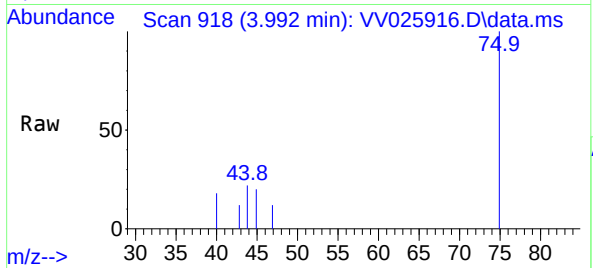




#21
2-Butanone
Concen: 31.166 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.003 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

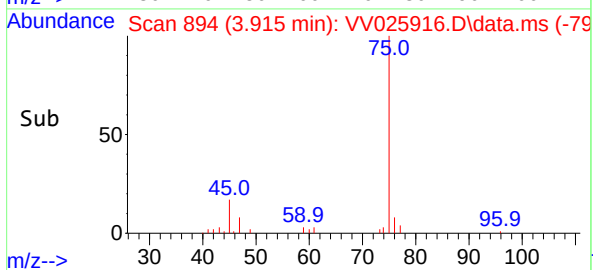
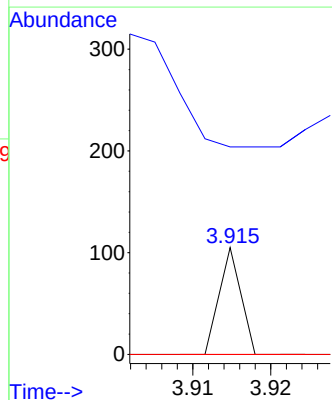
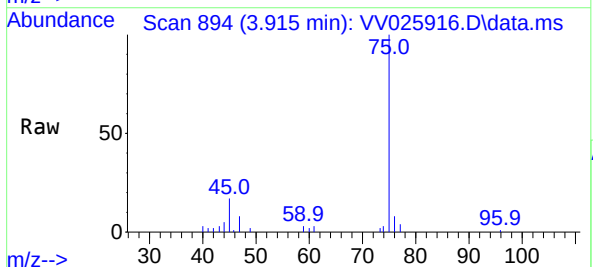
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

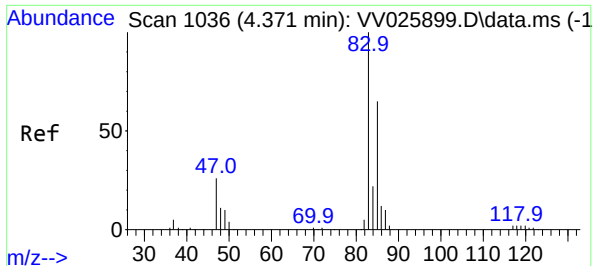
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
72 0.0 10.5 31.6#



#22
cis-1,2-Dichloroethene
Concen: 1.236 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 194.3 88.9 165.1#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.204 ug/L

RT: 4.397 min Scan# 1

Delta R.T. 0.026 min

Lab File: VV025916.D

Acq: 16 May 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

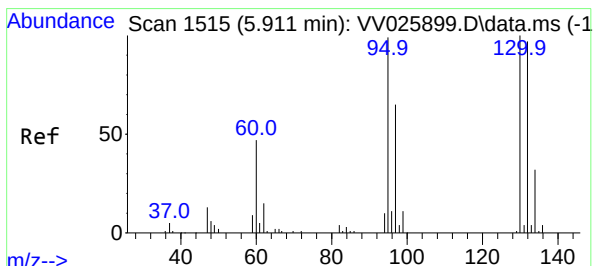
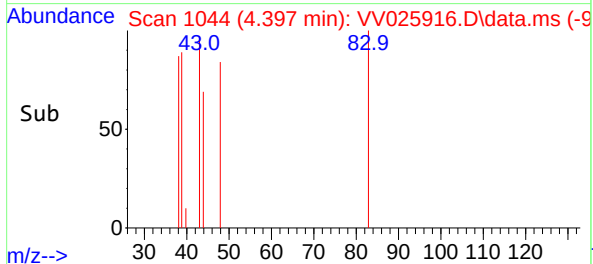
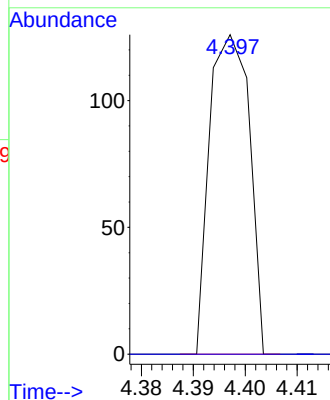
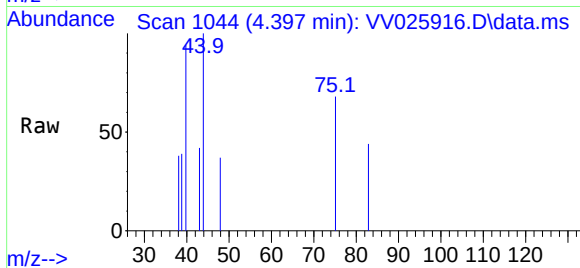
VHBLK001

Tgt Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

85 0.0 46.1 85.7#



#34

Trichloroethene

Concen: 4.047 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.016 min

Lab File: VV025916.D

Acq: 16 May 2022 17:06

Tgt Ion: 95 Resp: 154

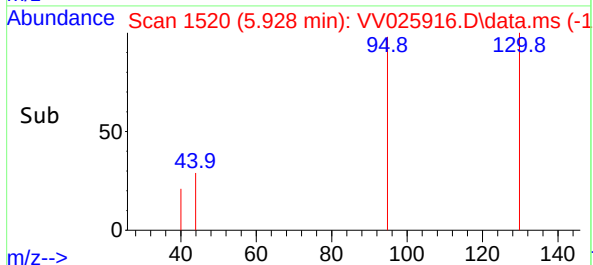
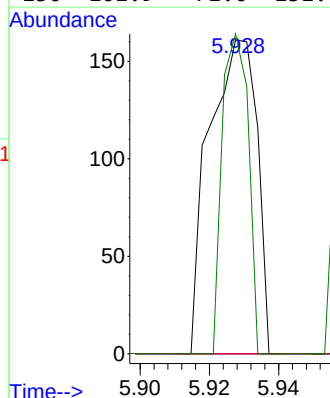
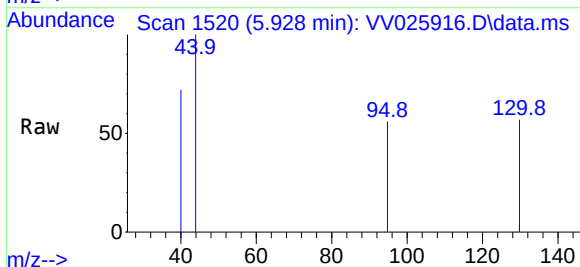
Ion Ratio Lower Upper

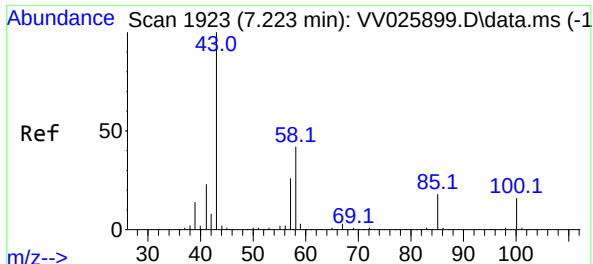
95 100

97 0.0 44.9 83.3#

132 0.0 67.6 125.6#

130 101.9 71.0 131.8

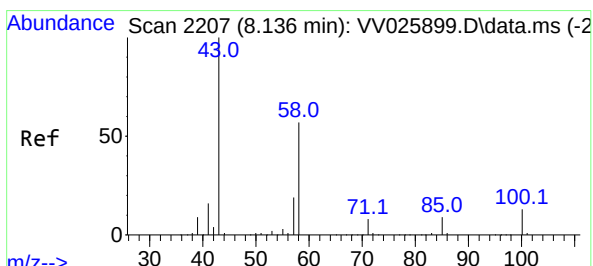
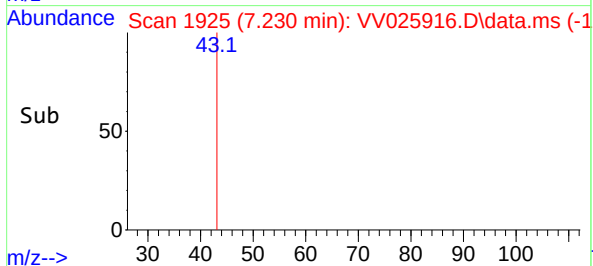
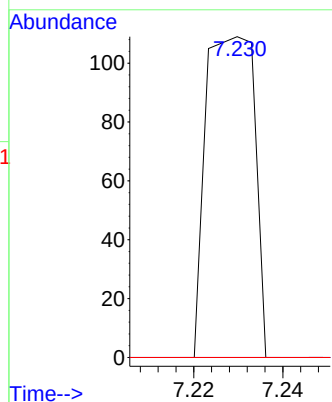
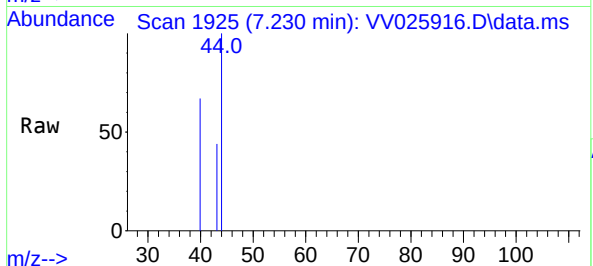




#40
4-Methyl-2-pentanone
Concen: 5.105 ug/L
RT: 7.230 min Scan# 1923
Delta R.T. 0.006 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

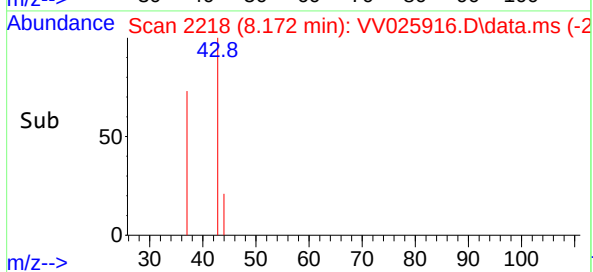
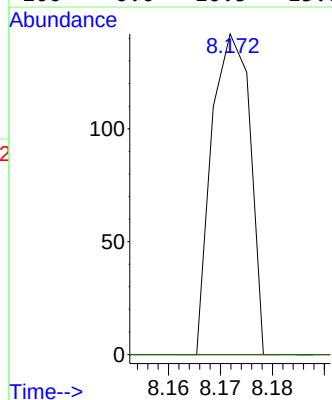
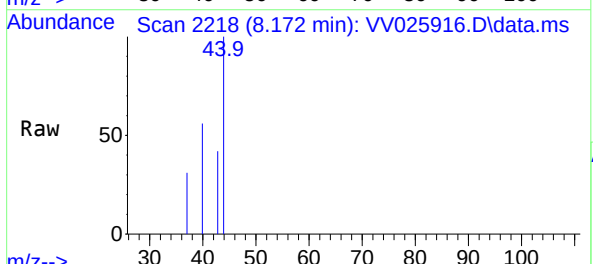
Instrument : MSVOA_V
ClientSampleId : VHBLK001

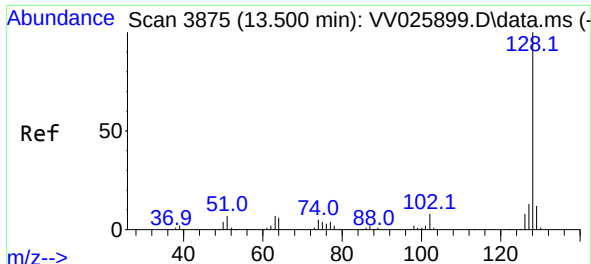
Tgt Ion:	43	Resp:	83
Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.6	47.4#
100	0.0	12.2	18.4#



#48
2-Hexanone
Concen: 6.351 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.035 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

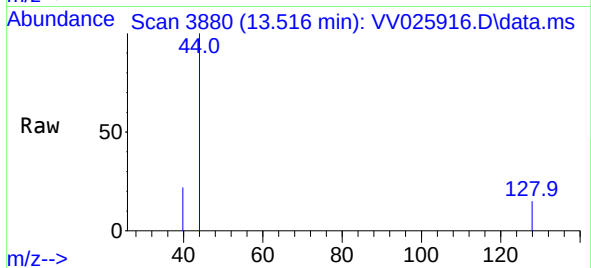
Tgt Ion:	43	Resp:	73
Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.7	67.1#
57	0.0	14.9	22.3#
100	0.0	10.5	15.7#





#71
Naphthalene
Concen: 0.274 ug/L
RT: 13.516 min Scan# 3875
Delta R.T. 0.016 min
Lab File: VV025916.D
Acq: 16 May 2022 17:06

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001



Tgt Ion:128 Resp: 86
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.4 15.6#

