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 Data File : VW025923.D
 Acq On : 17 May 2022 12:23
 Operator : SY/MD
 Sample : N2831-06RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

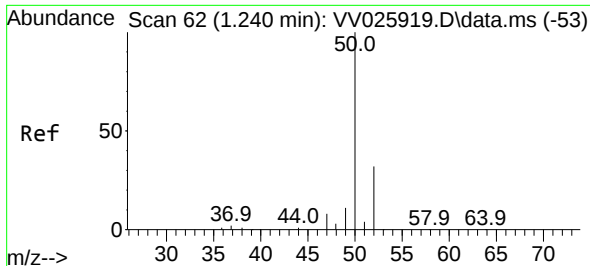
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K3

Quant Time: May 18 05:58:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	176179	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184843	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64981	4.466	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.571	69	59473	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.111	63	115112	3.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.909	46	77247	45.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.680%
24) Chloroform-d	4.352	84	113347	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.037	65	50158	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	224937	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.069	67	67952	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	189559	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.629	79	15622	3.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.092	63	74269	43.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42495	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61470	5.200	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1603	0.072	ug/L	95
5) Vinyl chloride	1.314	62	1179	0.051	ug/L #	1
8) Chloroethane	1.426	64	63428	4.189	ug/L #	50
12) 1,1-Dichloroethene	2.121	96	18169	1.073	ug/L #	4
14) Carbon disulfide	2.294	76	9005	0.206	ug/L	98
17) Methyl tert-butyl Ether	2.774	73	3056	0.113	ug/L #	82
19) 1,1-Dichloroethane	3.198	63	10141	0.363	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	40507	2.685	ug/L	96
27) 1,2-Dichloroethane	5.156	62	1903	0.127	ug/L #	73
34) Trichloroethene	5.915	95	107622	6.732	ug/L	98
35) Methylcyclohexane	6.069	83	16711	0.681	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7678	0.520	ug/L #	87
47) Tetrachloroethene	7.976	164	57085	4.608	ug/L	97
49) Dibromochloromethane	7.976	129	53523	4.832	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	10681	1.545	ug/L #	64

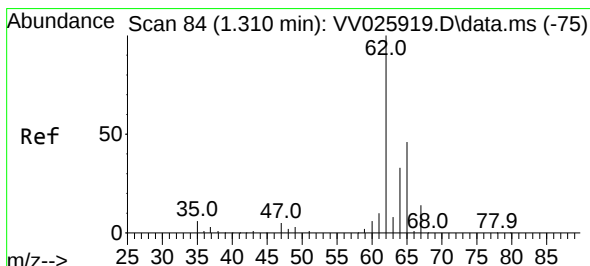
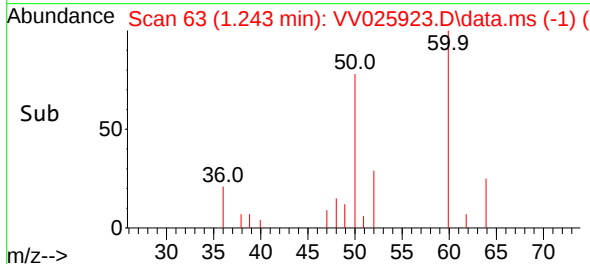
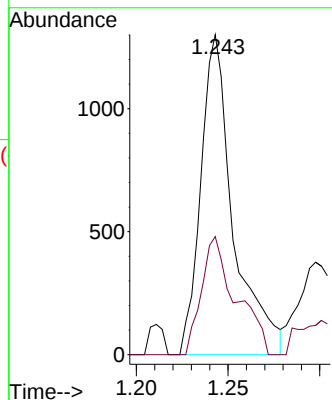
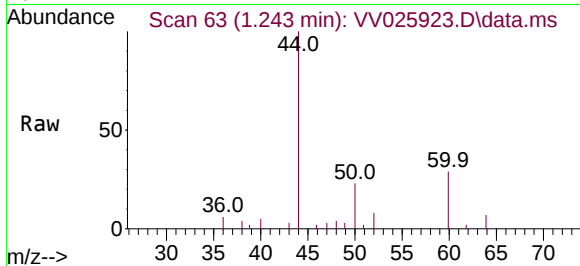
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

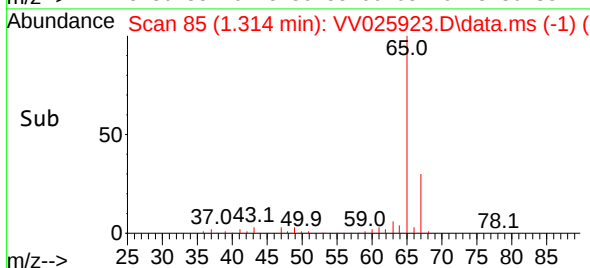
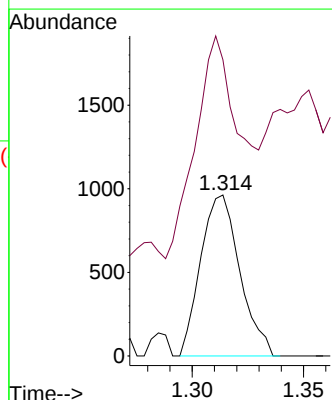
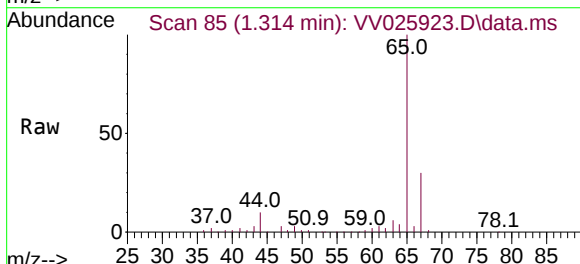
Instrument :
MSVOA_V
ClientSampleId :
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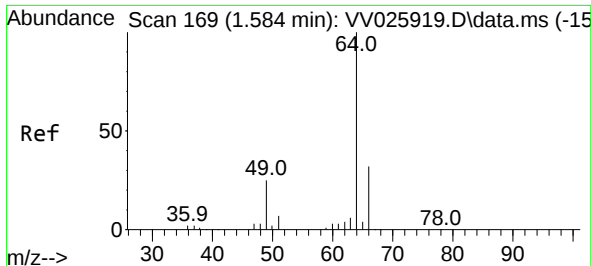
Tgt Ion: 50 Resp: 1603
Ion Ratio Lower Upper
50 100
52 36.9 23.9 44.3



#5
Vinyl chloride
Concen: 0.051 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

Tgt Ion: 62 Resp: 1179
Ion Ratio Lower Upper
62 100
64 183.9 22.9 42.5#

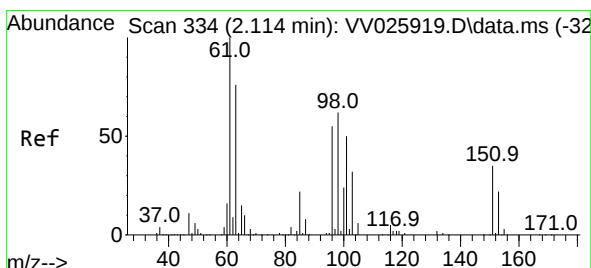
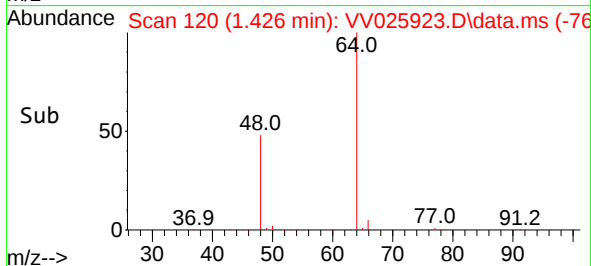
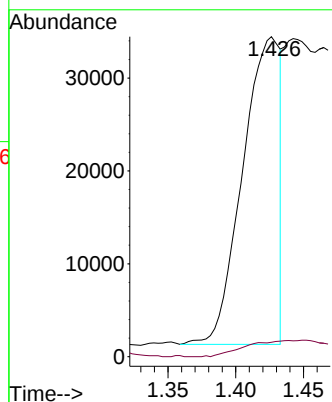
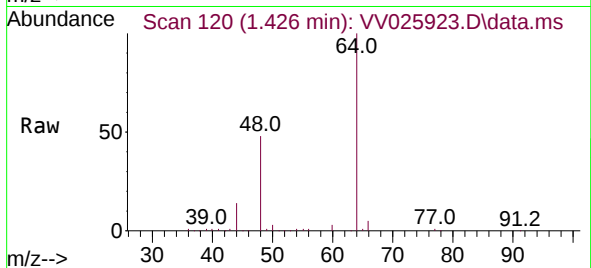




#8
Chloroethane
Concen: 4.189 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.157 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

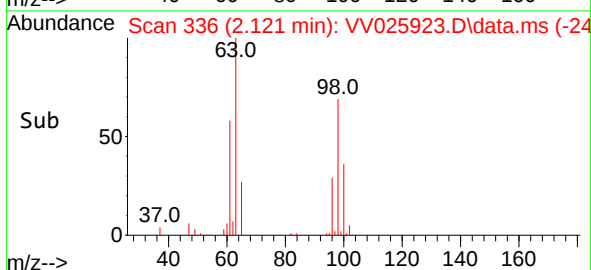
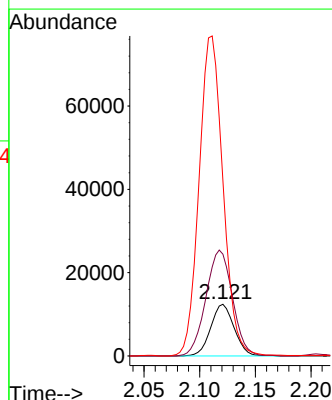
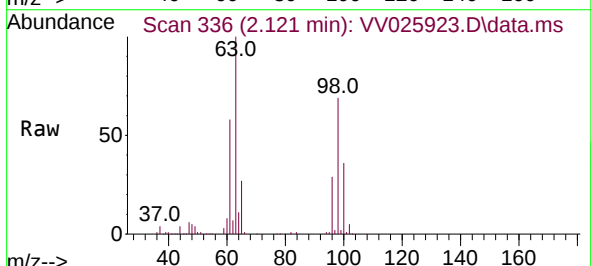
Instrument :
MSVOA_V
ClientSampleId :
YB2K3

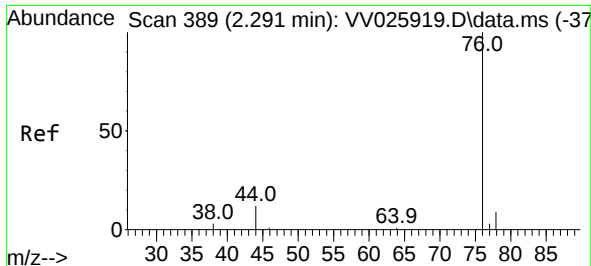
Tgt Ion: 64 Resp: 63428
Ion Ratio Lower Upper
64 100
66 4.5 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 1.073 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.007 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

Tgt Ion: 96 Resp: 18169
Ion Ratio Lower Upper
96 100
61 197.2 119.8 222.6
63 339.3 78.3 145.3#

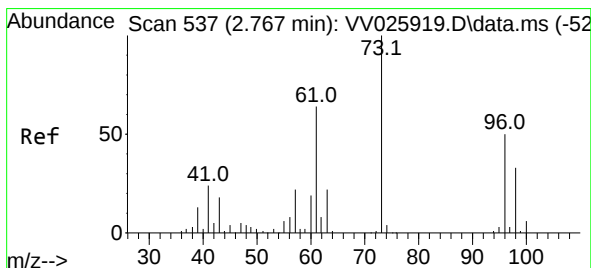
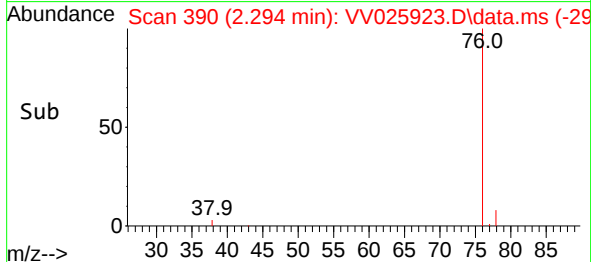
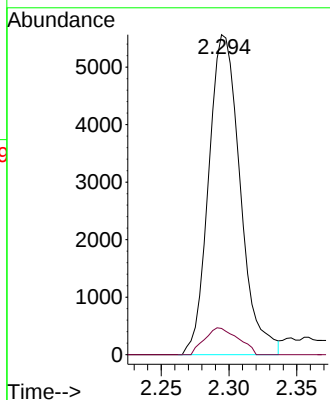
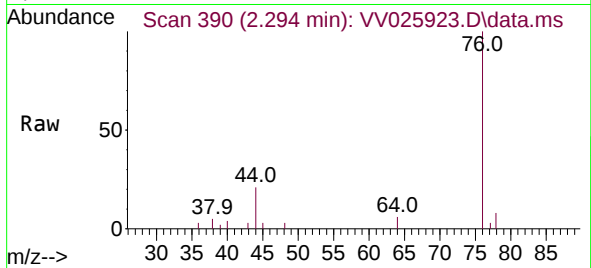




#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

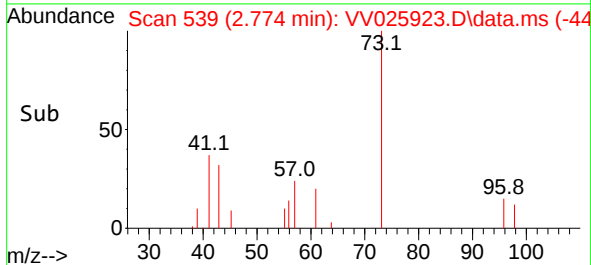
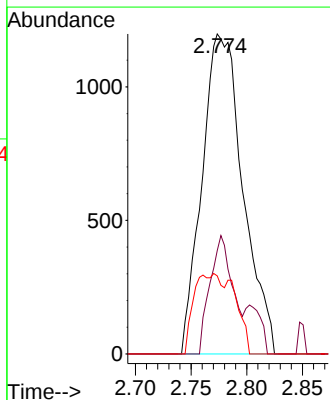
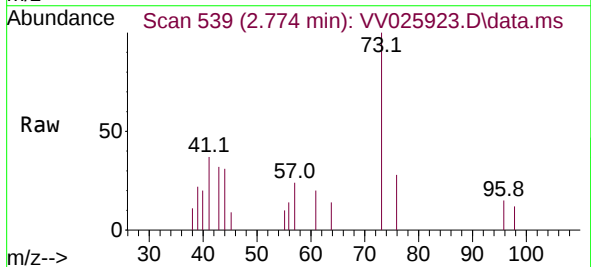
Instrument :
MSVOA_V
ClientSampleId :
YB2K3

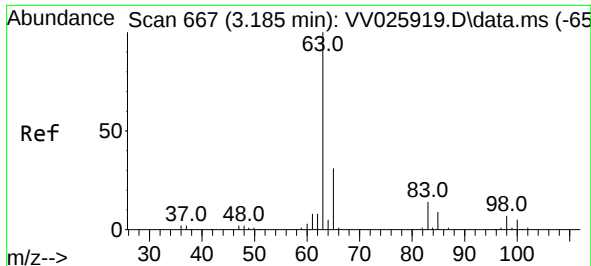
Tgt Ion: 76 Resp: 9005
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#17
Methyl tert-butyl Ether
Concen: 0.113 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

Tgt Ion: 73 Resp: 3056
Ion Ratio Lower Upper
73 100
43 20.7 14.6 22.0
57 9.0 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 0.363 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.013 min

Lab File: VV025923.D

Acq: 17 May 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

YB2K3

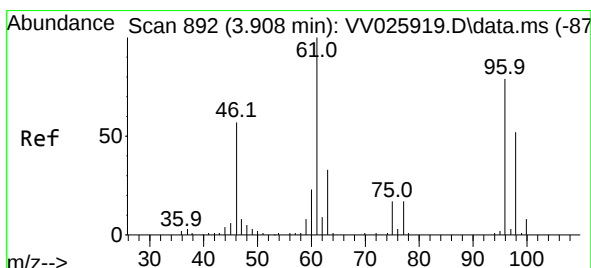
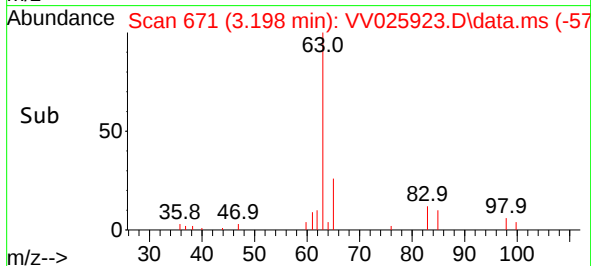
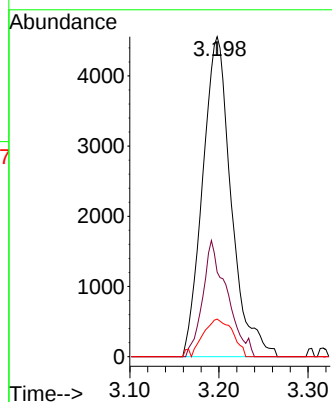
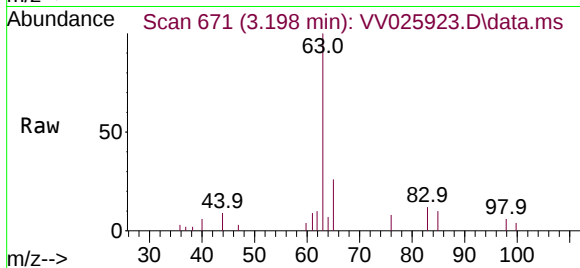
Tgt Ion: 63 Resp: 10141

Ion Ratio Lower Upper

63 100

65 26.4 22.3 41.5

83 11.7 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 2.685 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.007 min

Lab File: VV025923.D

Acq: 17 May 2022 12:23

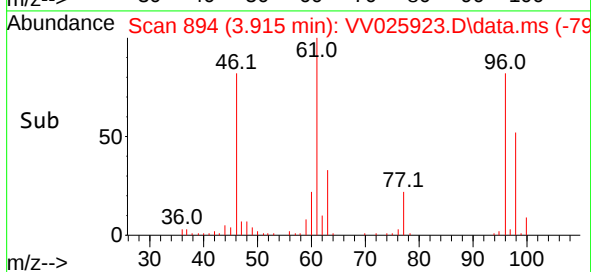
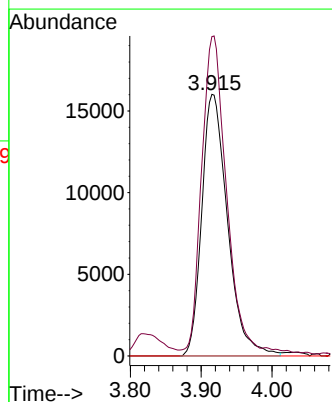
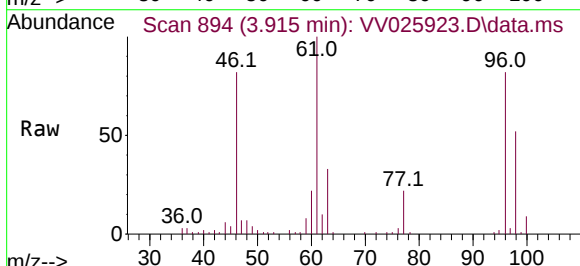
Tgt Ion: 96 Resp: 40507

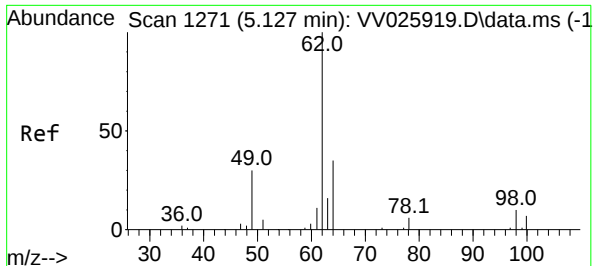
Ion Ratio Lower Upper

96 100

61 122.1 88.9 165.1

68 0.0 0.0 0.0

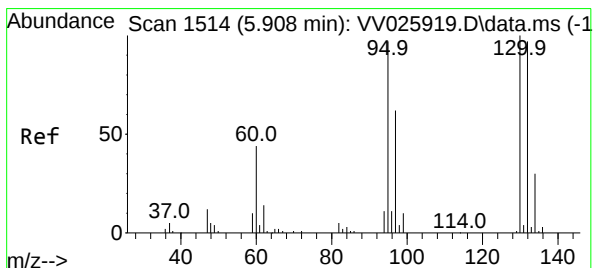
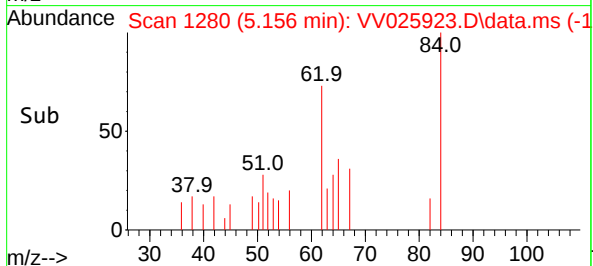
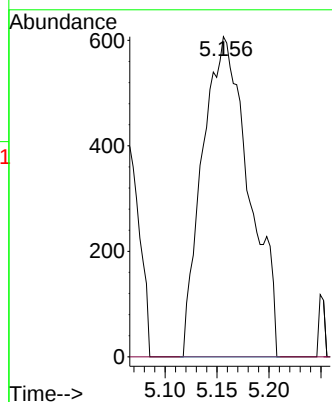
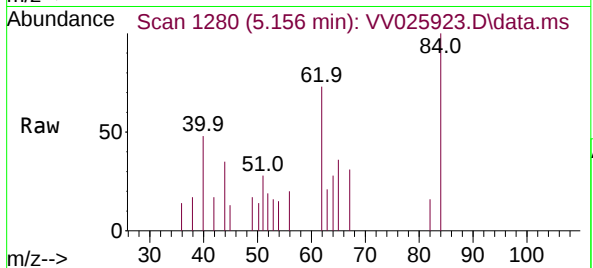




#27
1,2-Dichloroethane
Concen: 0.127 ug/L
RT: 5.156 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

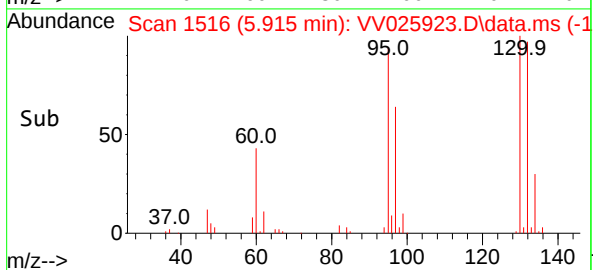
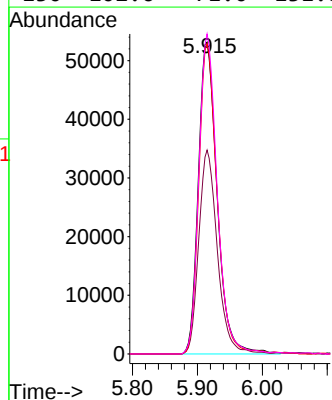
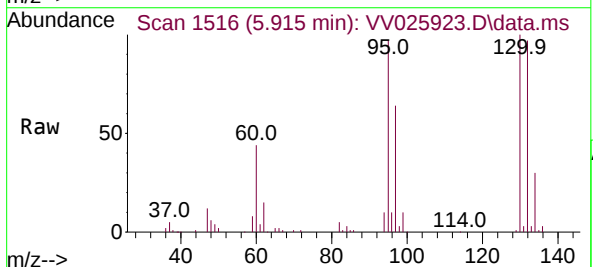
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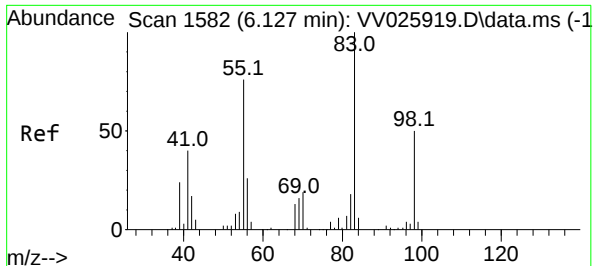
Tgt Ion: 62 Resp: 1903
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#34
Trichloroethene
Concen: 6.732 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

Tgt Ion: 95 Resp: 107622
Ion Ratio Lower Upper
95 100
97 65.4 44.9 83.3
132 99.5 67.6 125.6
130 102.6 71.0 131.8

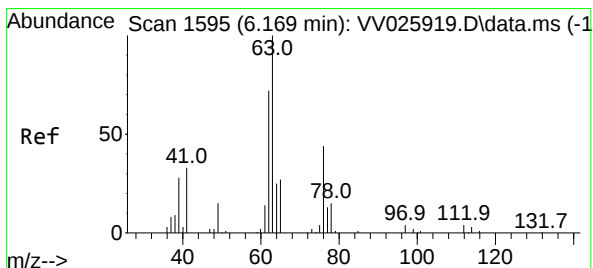
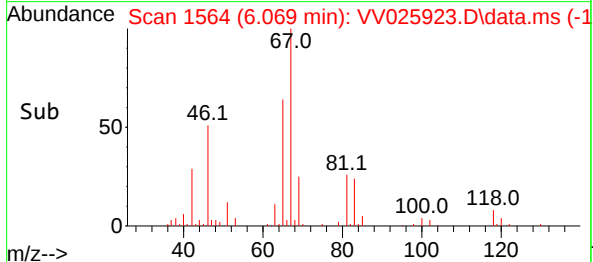
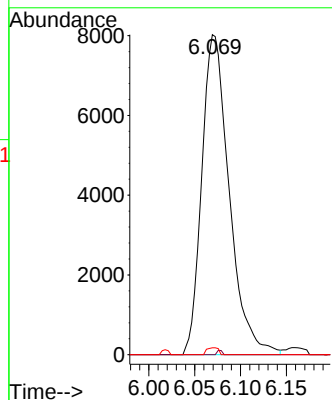
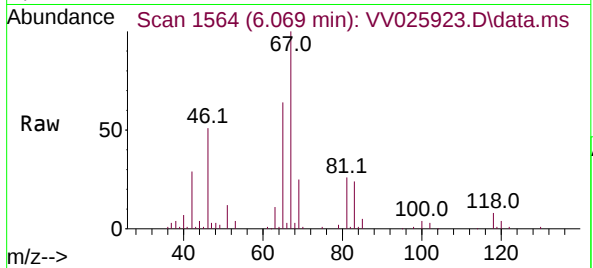




#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

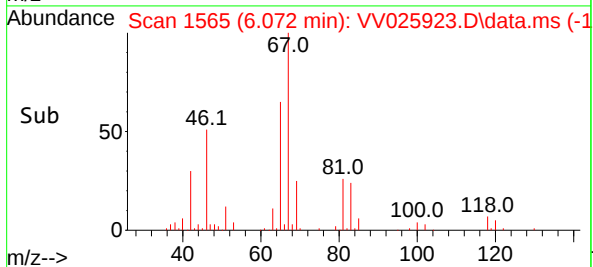
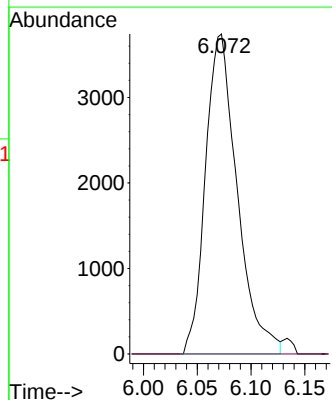
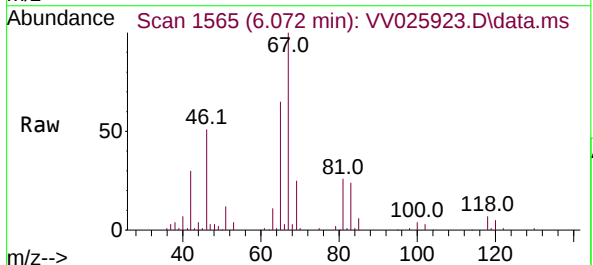
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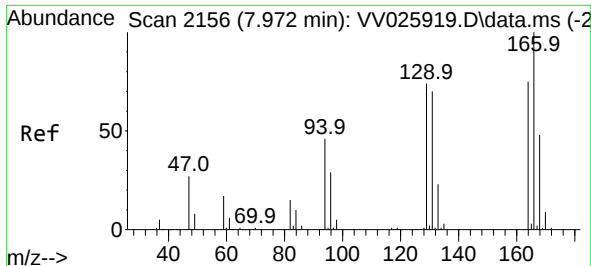
Tgt Ion: 83 Resp: 16711
Ion Ratio Lower Upper
83 100
55 0.2 60.1 90.1#
98 0.9 40.6 61.0#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV025923.D
Acq: 17 May 2022 12:23

Tgt Ion: 63 Resp: 7678
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#





#47

Tetrachloroethene

Concen: 4.608 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025923.D

Acq: 17 May 2022 12:23

Instrument :

MSVOA_V

ClientSampleId :

YB2K3

Tgt Ion:164 Resp: 57085

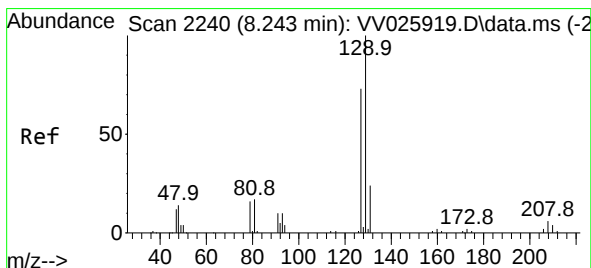
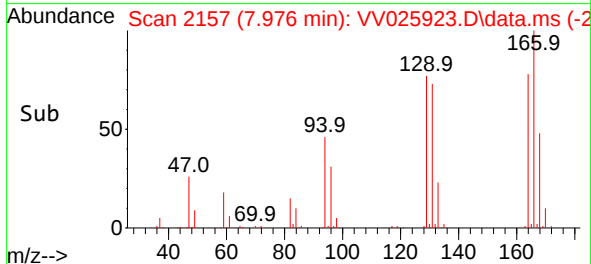
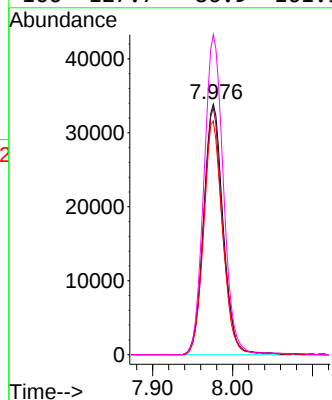
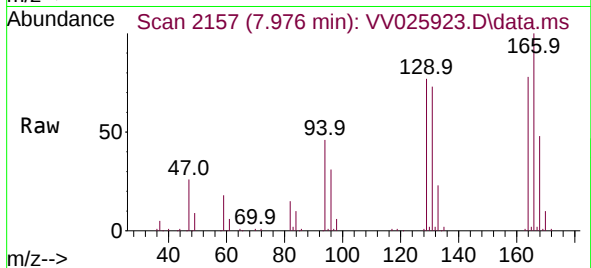
Ion Ratio Lower Upper

164 100

129 98.5 67.5 125.4

131 93.2 63.8 118.4

166 127.7 86.9 161.3



#49

Dibromochloromethane

Concen: 4.832 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025923.D

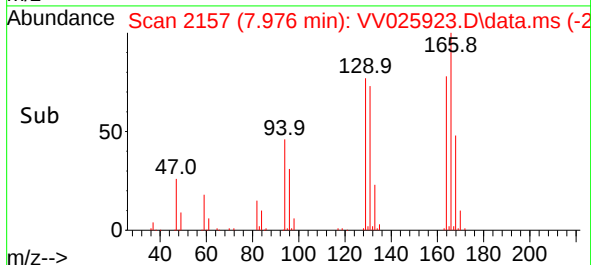
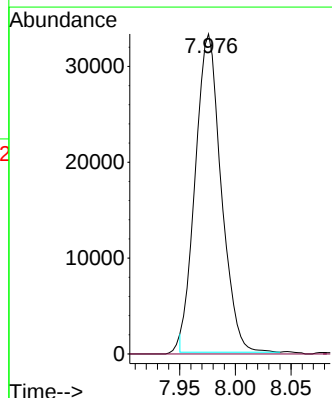
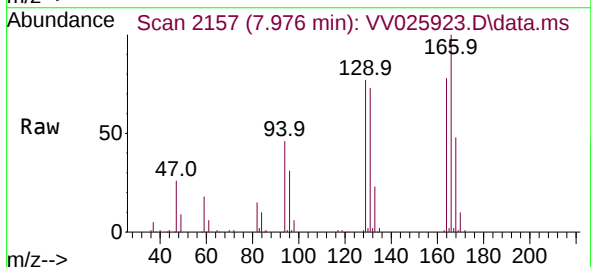
Acq: 17 May 2022 12:23

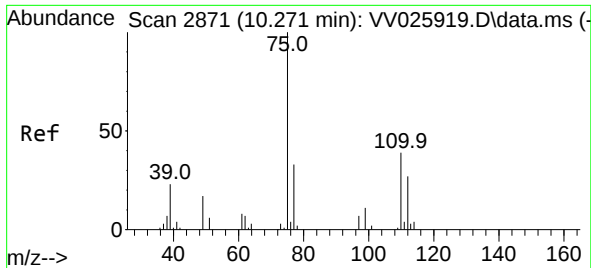
Tgt Ion:129 Resp: 53523

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.545 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025923.D
 Acq: 17 May 2022 12:23

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K3

Tgt Ion: 75	Resp:	10681
Ion Ratio	Lower	Upper
75	100	
77	30.0	26.2 39.2
110	2.9	32.4 48.6#

