

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025433.D
 Acq On : 09 Apr 2022 00:35
 Operator : SY/MD
 Sample : N2219-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K4

Quant Time: Apr 09 06:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62508	5.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.200%
7) Chloroethane-d5	1.571	69	55876	4.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.111	63	94678	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.896	46	72482	55.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.660%
24) Chloroform-d	4.352	84	83411	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.037	65	39661	5.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	5.053	84	169463	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.072	67	48797	5.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.317	98	149429	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.628	79	13270	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	57478	54.168	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30651	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	51290	6.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	616	0.059	ug/L	96
3) Chloromethane	1.243	50	520	0.046	ug/L #	42
8) Chloroethane	1.310	64	893	0.091	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1011	0.101	ug/L #	21
12) 1,1-Dichloroethene	2.121	96	2507	0.252	ug/L #	1
15) Methyl Acetate	2.185	43	2655	1.356	ug/L #	43
18) trans-1,2-Dichloroethene	2.767	96	937	0.112	ug/L #	70
22) cis-1,2-Dichloroethene	3.918	96	9529	1.085	ug/L	91
25) Chloroform	4.378	83	16311	1.094	ug/L	93
31) Carbon tetrachloride	4.831	117	2015	0.181	ug/L	99
34) Trichloroethene	5.912	95	309791	35.432	ug/L	99
35) Methylcyclohexane	6.069	83	11798	0.846	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	5297	0.695	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1197	0.120	ug/L #	81
44) trans-1,3-Dichloropropene	7.628	75	600	0.077	ug/L	96
45) 1,1,2-Trichloroethane	7.973	97	914	0.179	ug/L #	11
47) Tetrachloroethene	7.976	164	102720	15.007	ug/L	97
49) Dibromochloromethane	7.976	129	93962	16.778	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5977	1.819	ug/L #	59

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

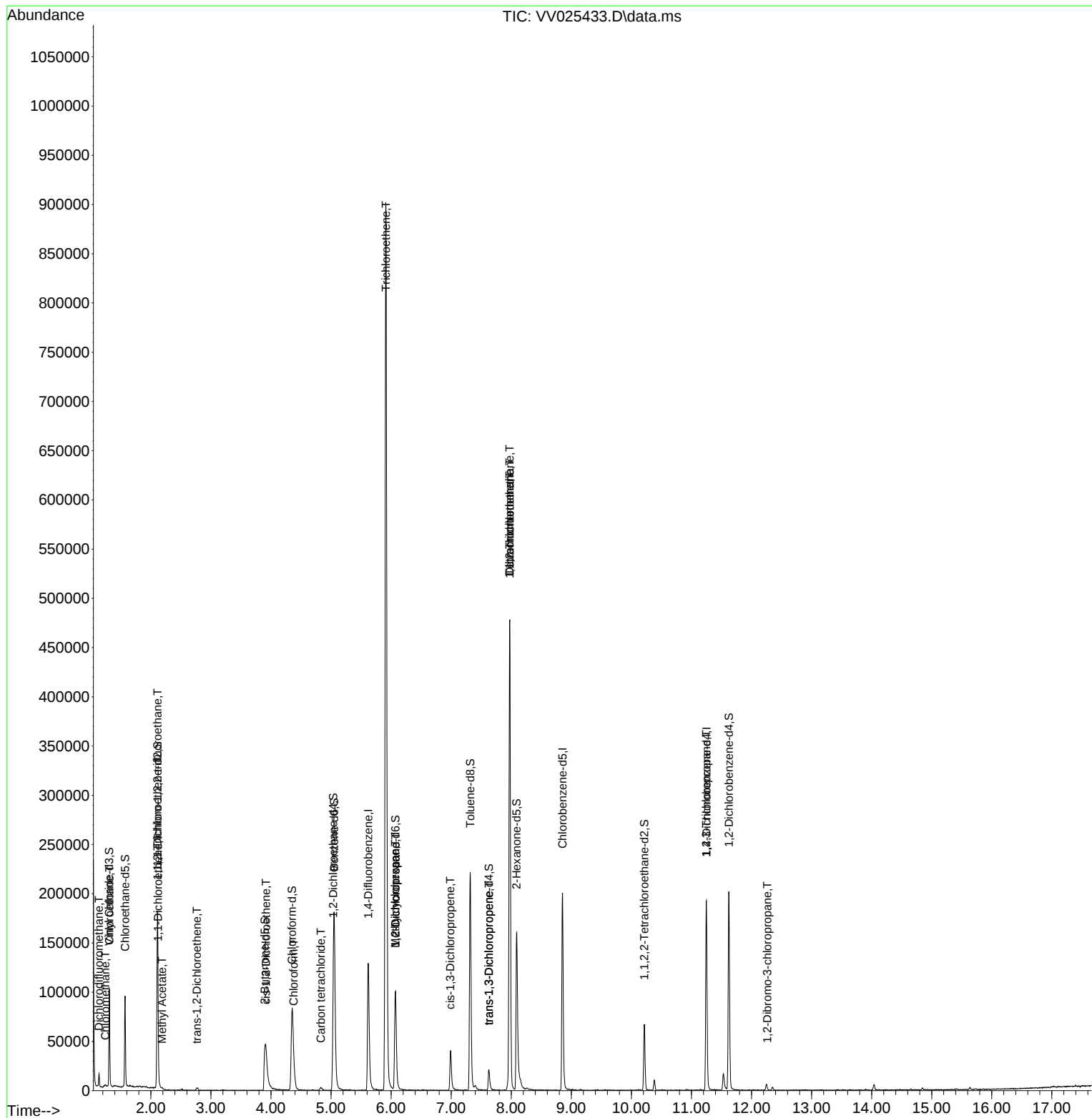
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.262	75	136	0.239	ug/L	# 2

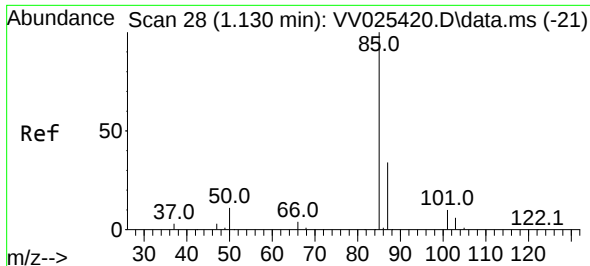
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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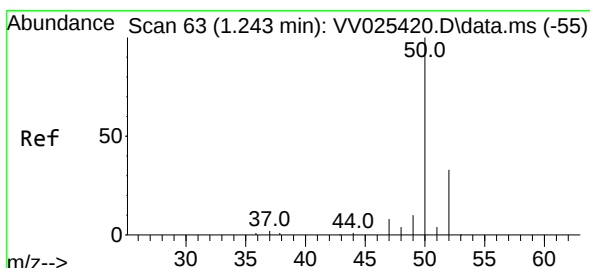
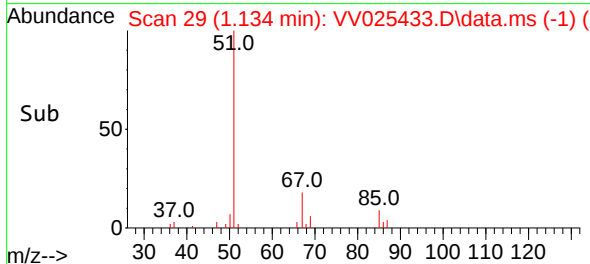
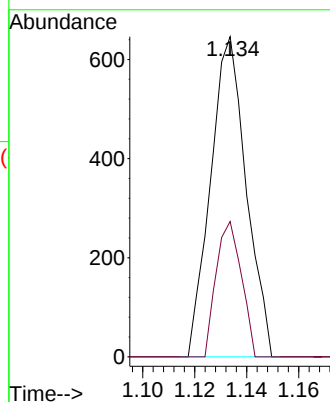
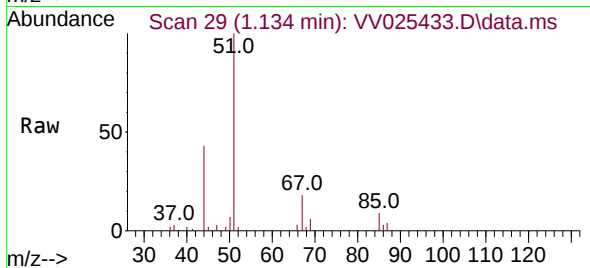




#2
 Dichlorodifluoromethane
 Concen: 0.059 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025433.D
 Acq: 09 Apr 2022 00:35

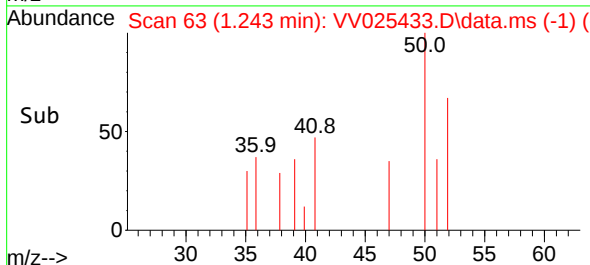
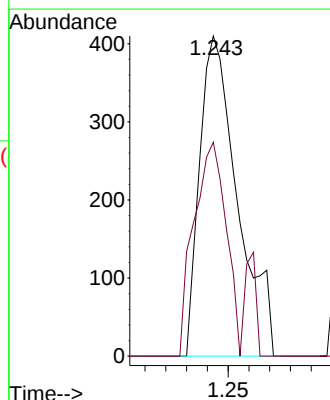
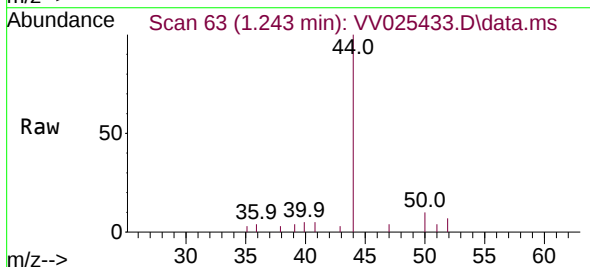
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K4

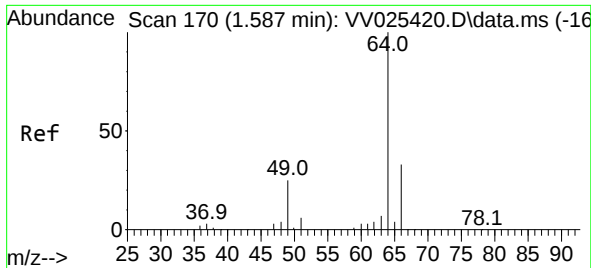
Tgt Ion: 85 Resp: 616
 Ion Ratio Lower Upper
 85 100
 87 29.7 25.6 38.4



#3
 Chloromethane
 Concen: 0.046 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025433.D
 Acq: 09 Apr 2022 00:35

Tgt Ion: 50 Resp: 520
 Ion Ratio Lower Upper
 50 100
 52 66.8 23.7 43.9#





#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.277 min

Lab File: VV025433.D

Acq: 09 Apr 2022 00:35

Instrument :

MSVOA_V

ClientSampleId :

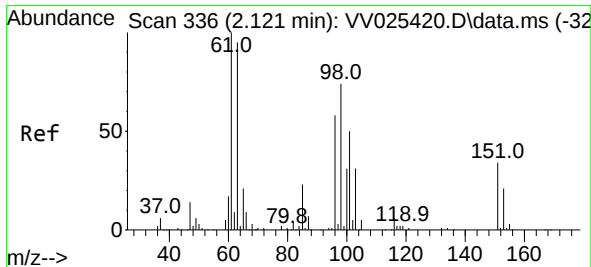
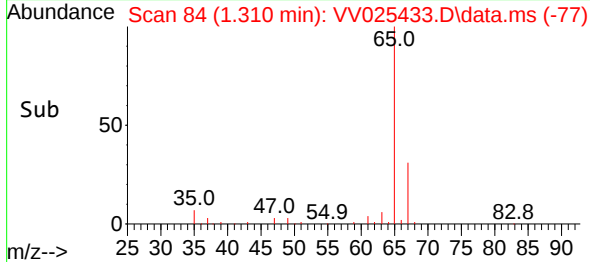
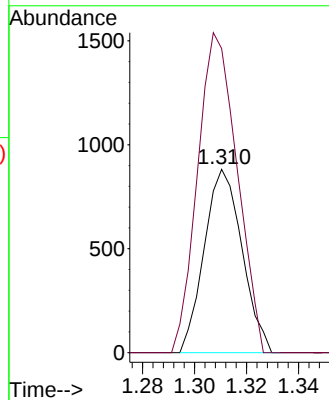
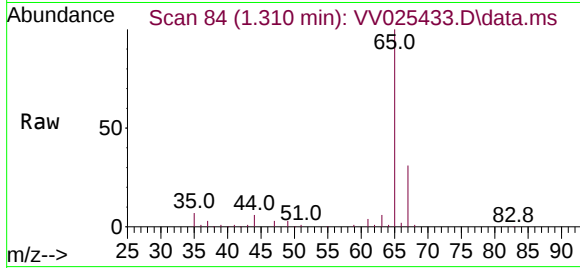
YB2K4

Tgt Ion: 64 Resp: 893

Ion Ratio Lower Upper

64 100

66 165.9 21.8 40.6#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.101 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.007 min

Lab File: VV025433.D

Acq: 09 Apr 2022 00:35

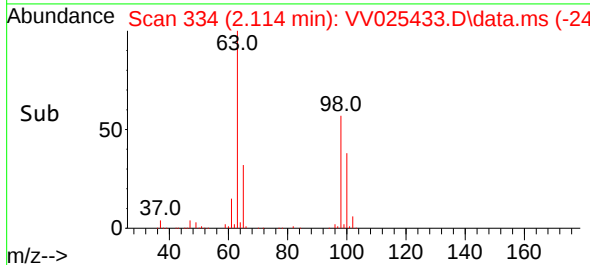
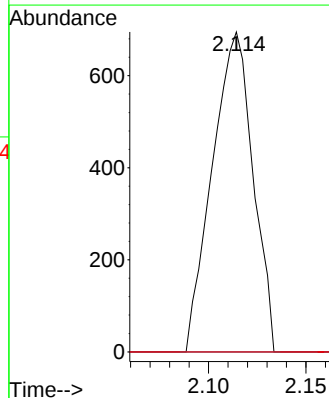
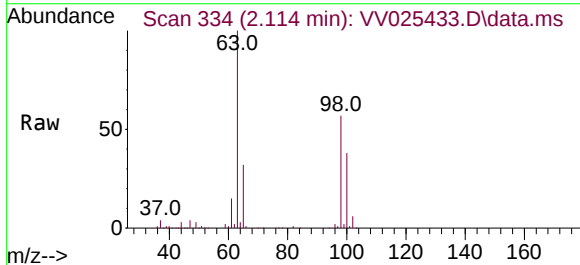
Tgt Ion:101 Resp: 1011

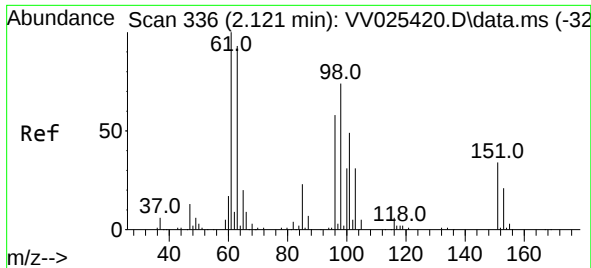
Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 56.0 84.0#

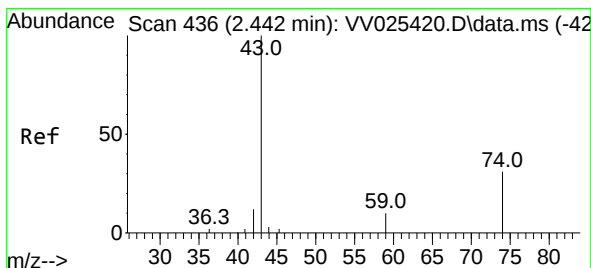
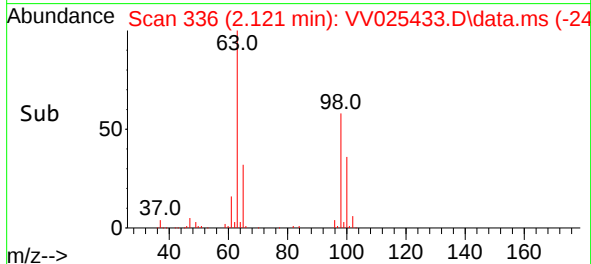
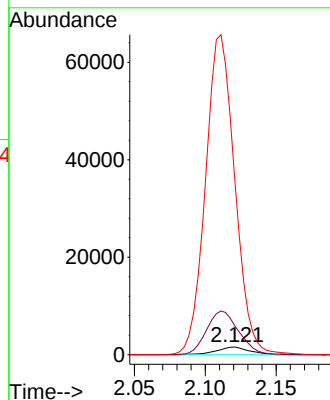
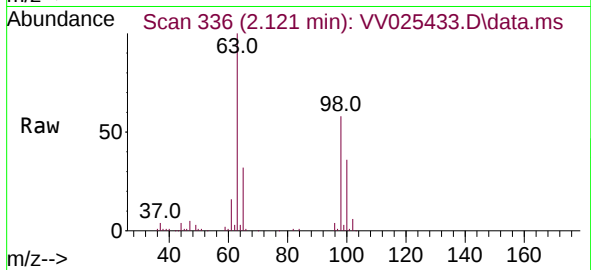




#12
1,1-Dichloroethene
Concen: 0.252 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

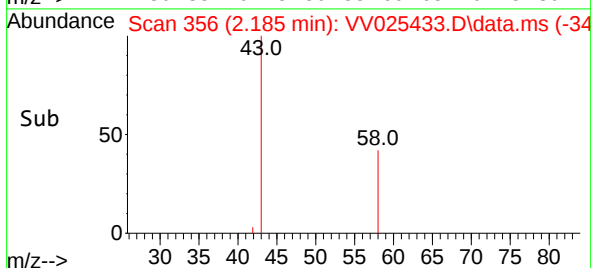
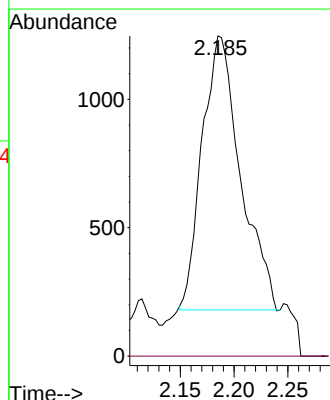
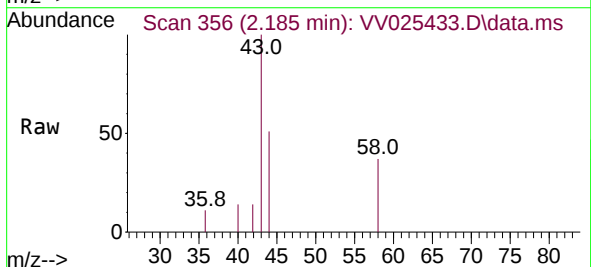
Instrument :
MSVOA_V
ClientSampleId :
YB2K4

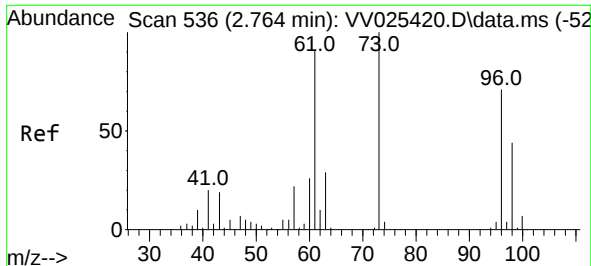
Tgt Ion: 96 Resp: 2507
Ion Ratio Lower Upper
96 100
61 380.2 125.2 232.4#
63 2314.1 114.4 212.4#



#15
Methyl Acetate
Concen: 1.356 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.257 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 43 Resp: 2655
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#

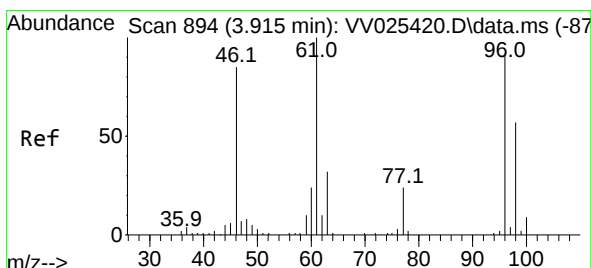
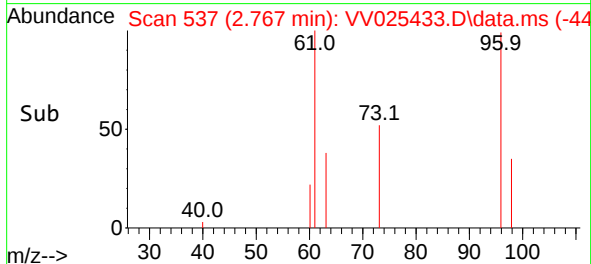
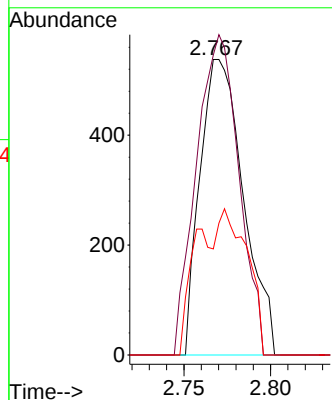
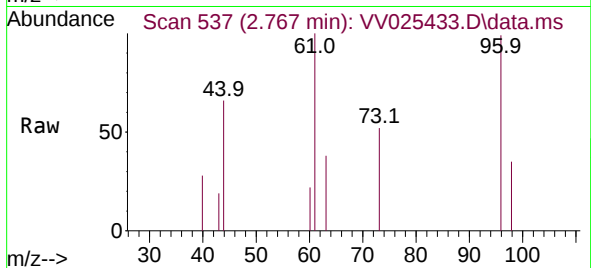




#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

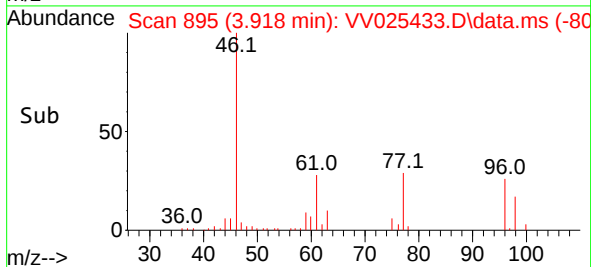
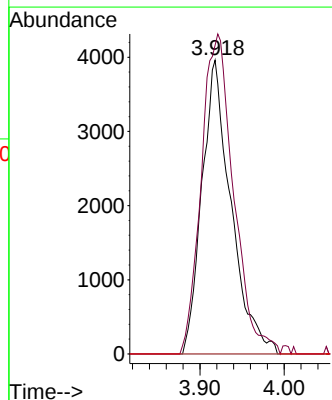
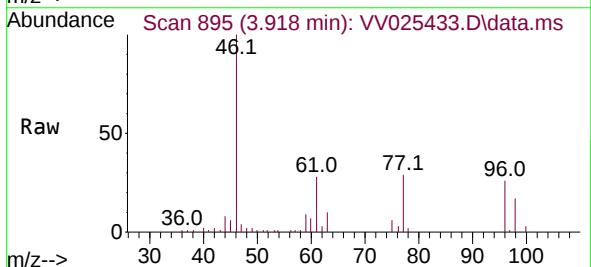
Instrument :
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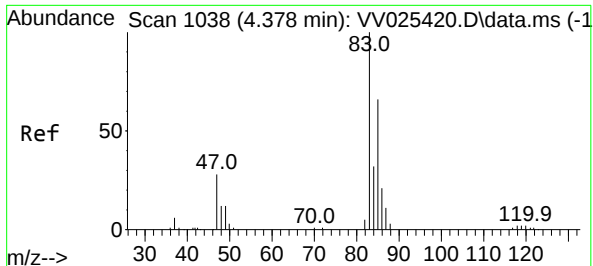
Tgt Ion: 96 Resp: 937
Ion Ratio Lower Upper
96 100
61 101.5 92.1 171.1
98 35.9 47.5 88.1#



#22
cis-1,2-Dichloroethene
Concen: 1.085 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 96 Resp: 9529
Ion Ratio Lower Upper
96 100
61 105.1 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.094 ug/L

RT: 4.378 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025433.D

Acq: 09 Apr 2022 00:35

Instrument :

MSVOA_V

ClientSampleId :

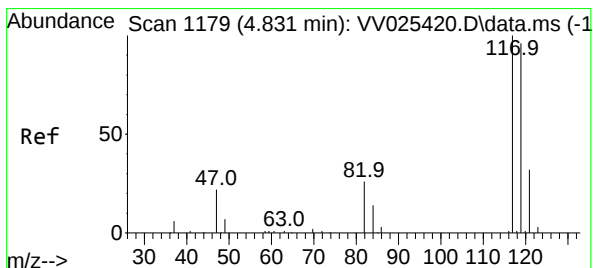
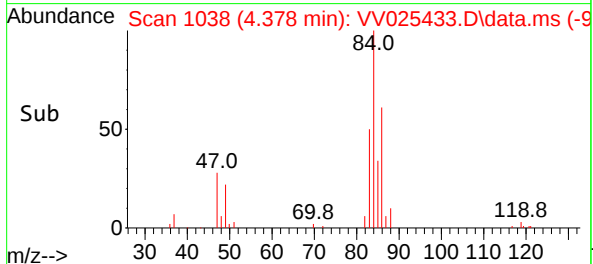
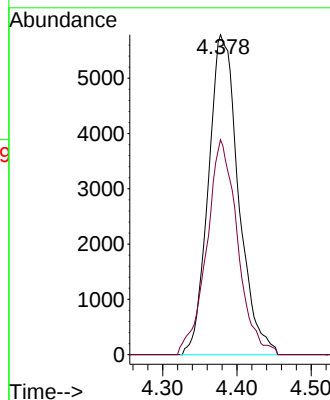
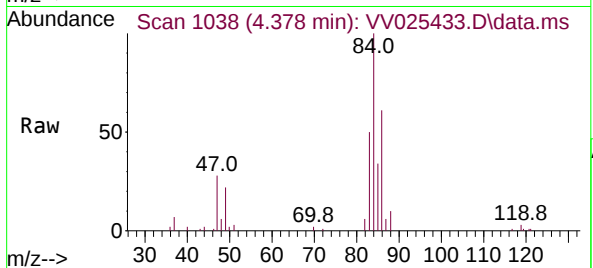
YB2K4

Tgt Ion: 83 Resp: 16311

Ion Ratio Lower Upper

83 100

85 67.2 43.5 80.7



#31

Carbon tetrachloride

Concen: 0.181 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VV025433.D

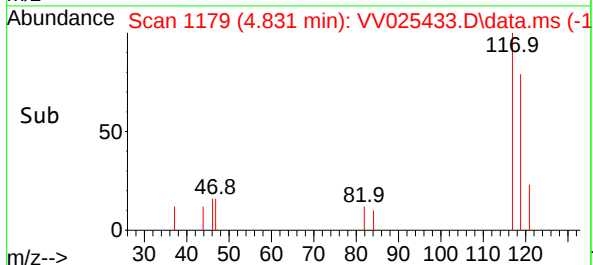
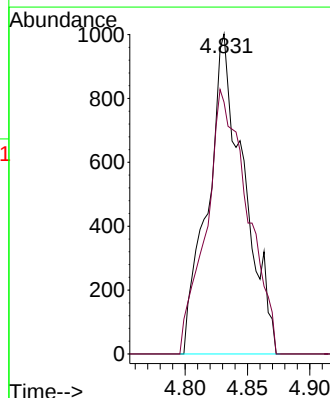
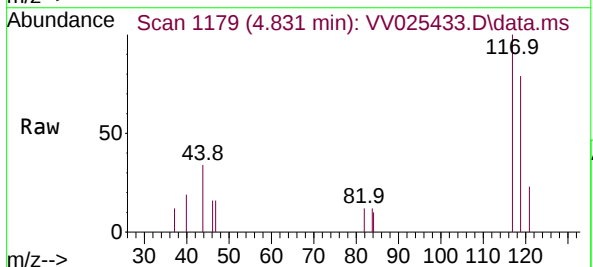
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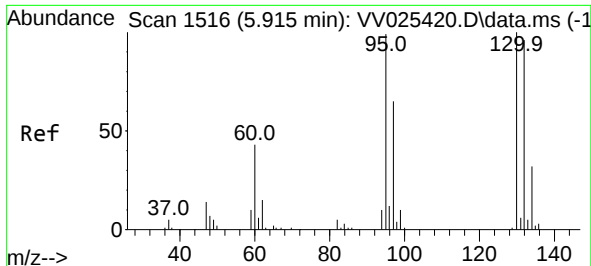
Tgt Ion: 117 Resp: 2015

Ion Ratio Lower Upper

117 100

119 94.9 76.6 114.8

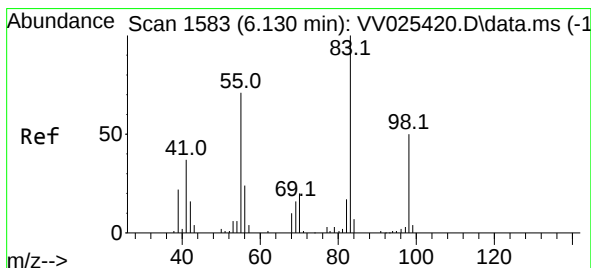
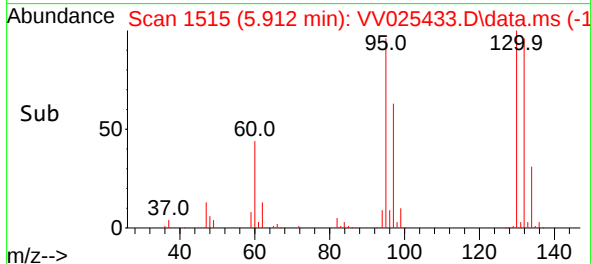
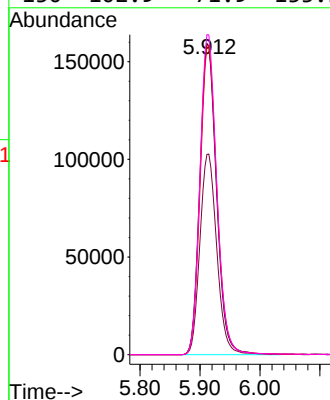
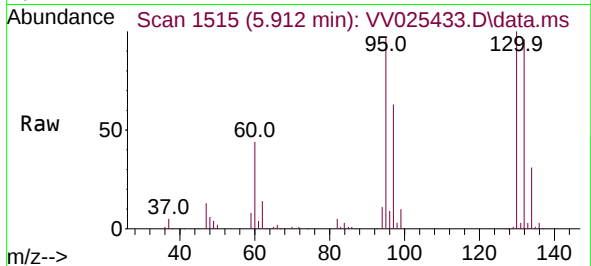




#34
Trichloroethene
Concen: 35.432 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

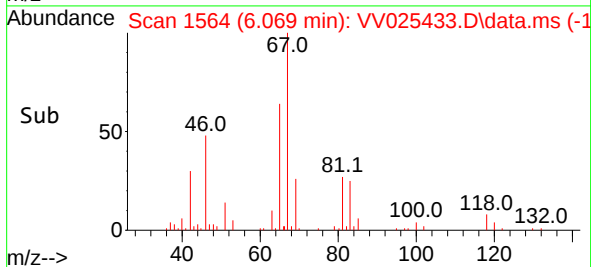
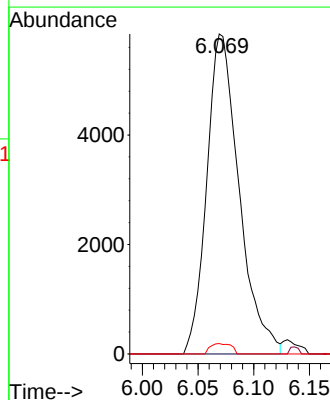
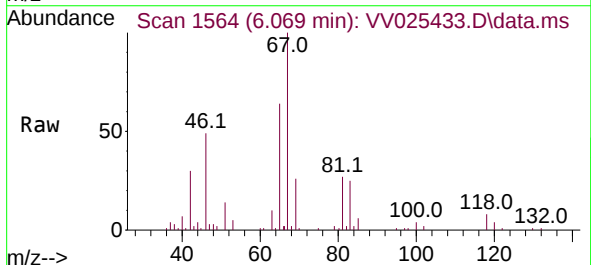
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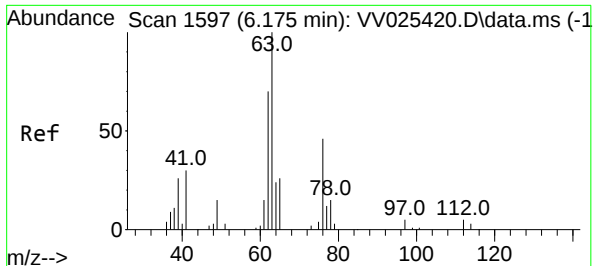
Tgt Ion: 95 Resp: 309791
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 99.3 68.0 126.4
130 102.9 71.9 133.5



#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 83 Resp: 11798
Ion Ratio Lower Upper
83 100
55 0.6 53.7 80.5#
98 2.4 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.695 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025433.D

Acq: 09 Apr 2022 00:35

Instrument :

MSVOA_V

ClientSampleId :

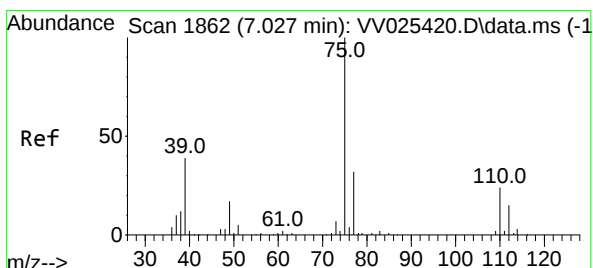
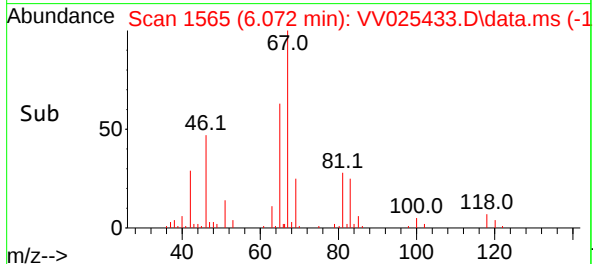
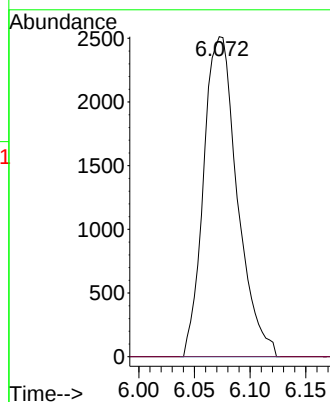
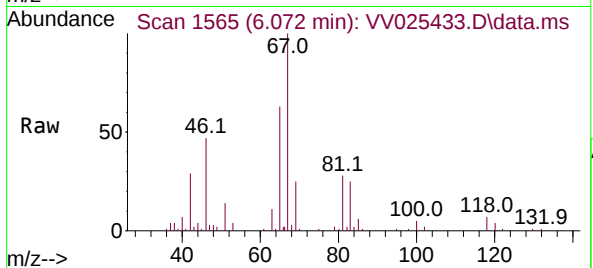
YB2K4

Tgt Ion: 63 Resp: 5297

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025433.D

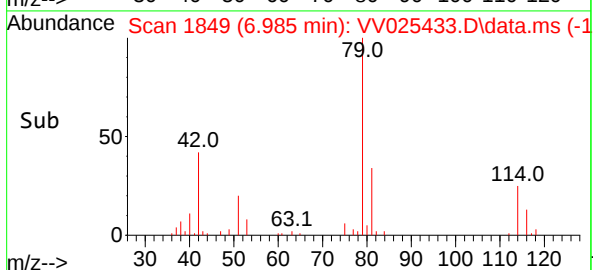
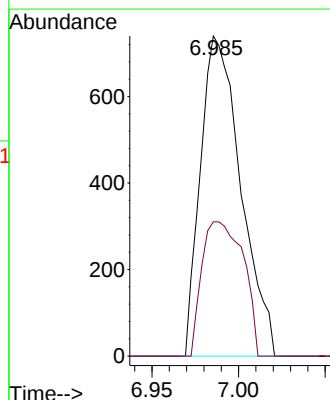
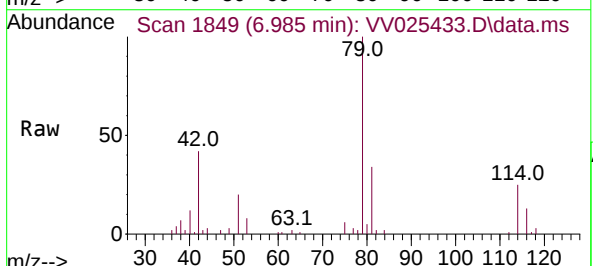
Acq: 09 Apr 2022 00:35

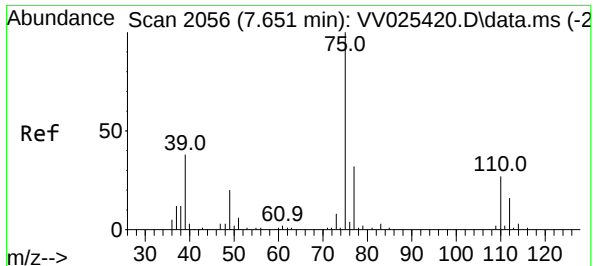
Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 41.9 21.8 40.6#

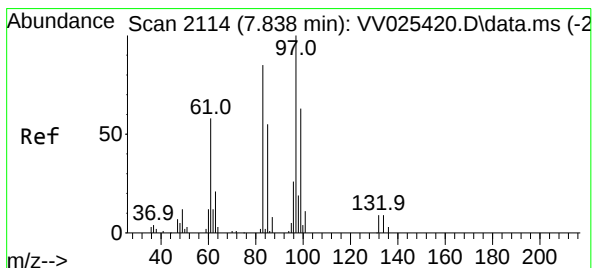
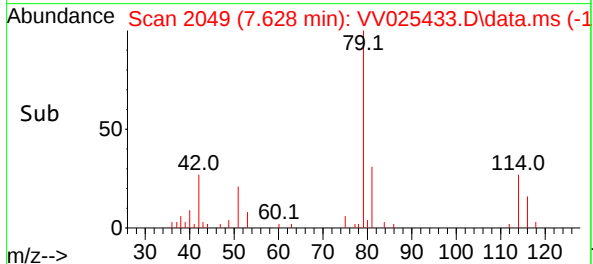
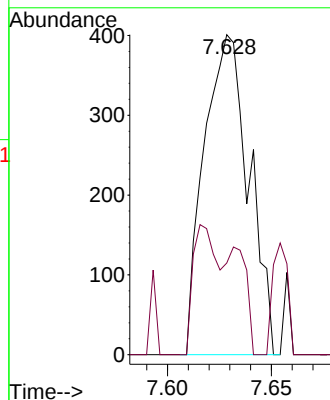
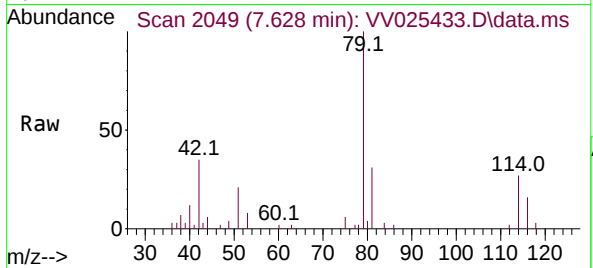




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

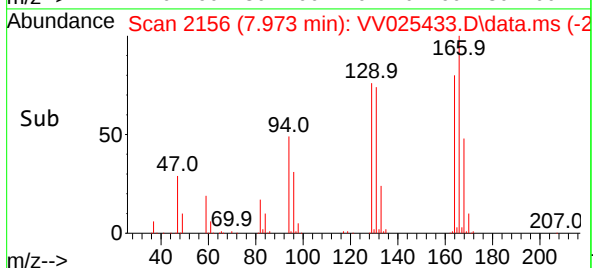
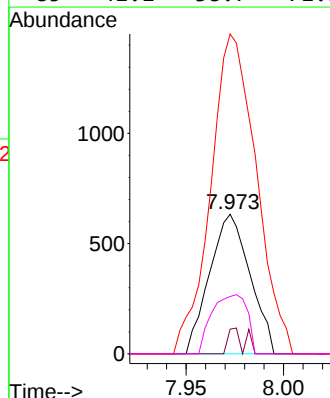
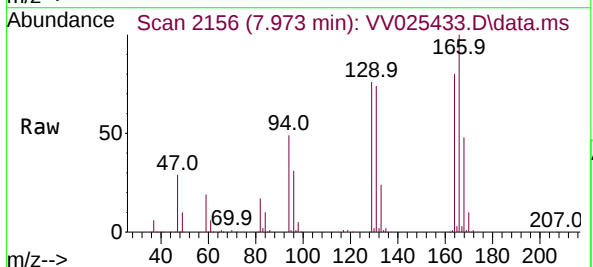
Instrument :
MSVOA_V
ClientSampleId :
YB2K4

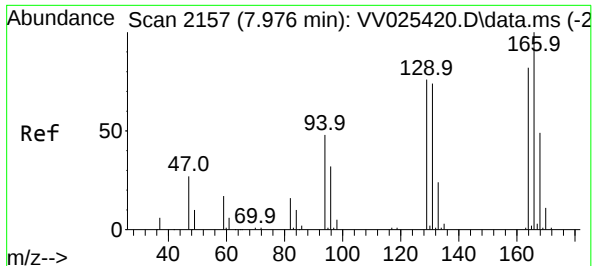
Tgt Ion: 75 Resp: 600
Ion Ratio Lower Upper
75 100
77 28.7 21.7 40.3



#45
1,1,2-Trichloroethane
Concen: 0.179 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.135 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 97 Resp: 914
Ion Ratio Lower Upper
97 100
99 17.7 43.8 81.4#
83 229.2 60.3 112.1#
85 41.1 38.7 71.9





#47

Tetrachloroethene

Concen: 15.007 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025433.D

Acq: 09 Apr 2022 00:35

Instrument :

MSVOA_V

ClientSampleId :

YB2K4

Tgt Ion:164 Resp: 102720

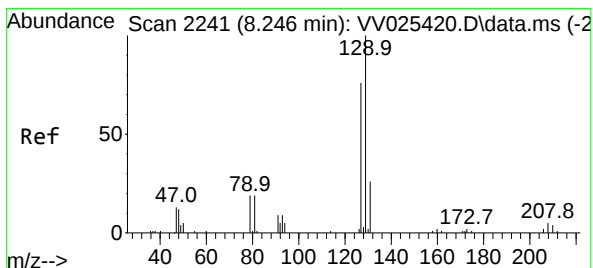
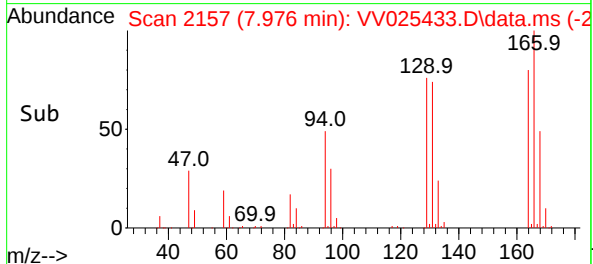
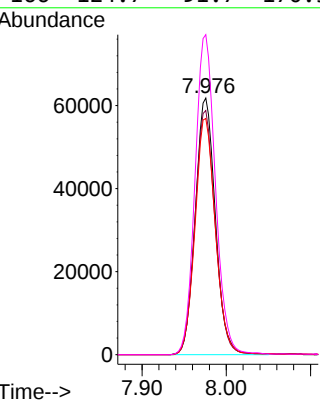
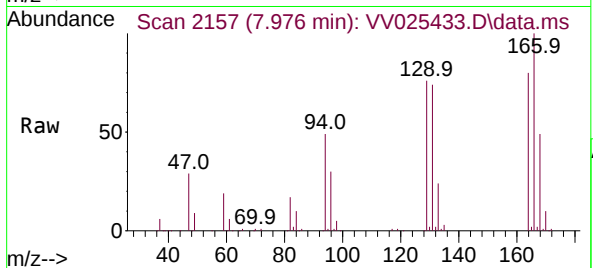
Ion Ratio Lower Upper

164 100

129 95.1 66.8 124.2

131 92.0 66.4 123.4

166 124.7 91.7 170.3



#49

Dibromochloromethane

Concen: 16.778 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025433.D

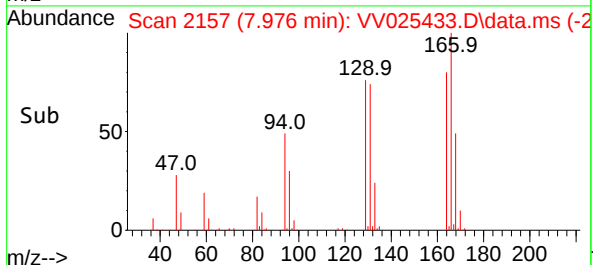
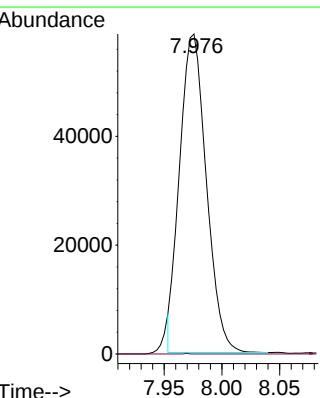
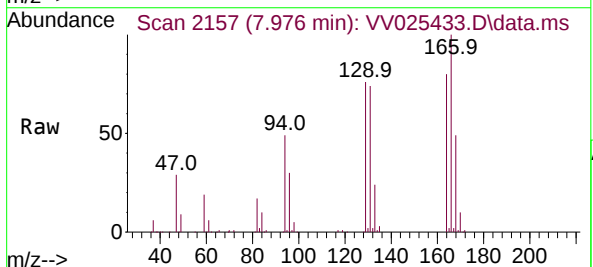
Acq: 09 Apr 2022 00:35

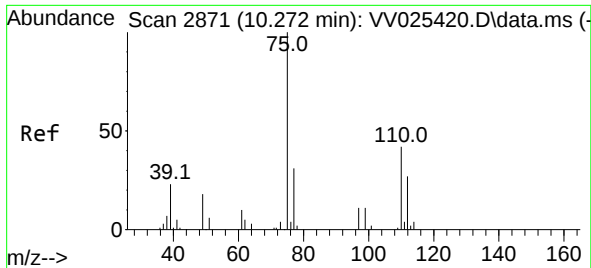
Tgt Ion:129 Resp: 93962

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

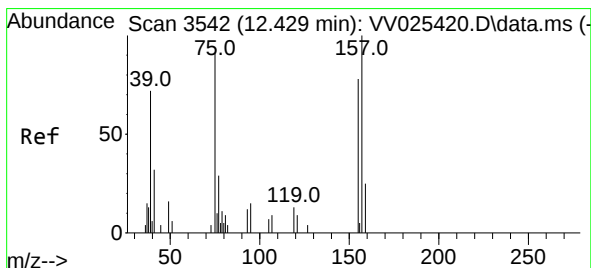
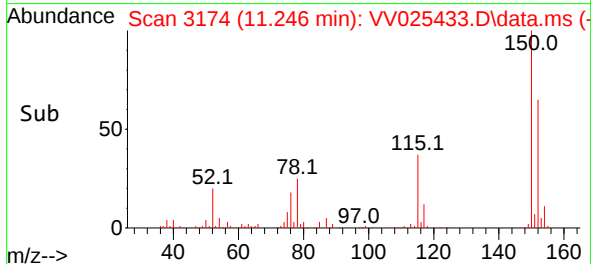
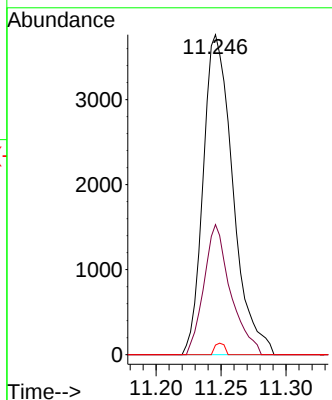
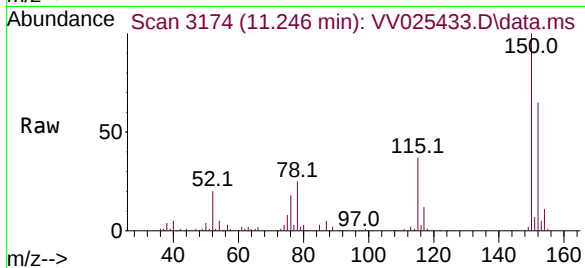




#61
1,2,3-Trichloropropane
Concen: 1.819 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Instrument :
MSVOA_V
ClientSampleId :
YB2K4

Tgt Ion: 75 Resp: 5977
Ion Ratio Lower Upper
75 100
77 36.5 25.6 38.4
110 1.2 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.239 ug/L
RT: 12.262 min Scan# 3490
Delta R.T. -0.167 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 75 Resp: 136
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

