

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026654.D
 Acq On : 05 Jul 2022 19:34
 Operator : SY/MD
 Sample : N3577-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB323

Quant Time: Jul 06 00:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	177722	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	174942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	70319	4.920	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.580	69	58620	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.121	63	95399	3.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.924	46	69474	48.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.780%
24) Chloroform-d	4.362	84	115136	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.043	65	45999	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.059	84	220076	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.075	67	66546	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.320	98	174529	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.628	79	14676	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.091	63	54132	39.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42315	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	58302	4.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	974	0.072	ug/L	93
3) Chloromethane	1.256	50	4748	0.321	ug/L	97
5) Vinyl chloride	1.323	62	646	0.041	ug/L #	1
6) Bromomethane	1.539	94	403	0.047	ug/L #	55
8) Chloroethane	1.320	64	1136	0.106	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	1164	0.089	ug/L #	24
12) 1,1-Dichloroethene	2.121	96	1194	0.099	ug/L #	1
14) Carbon disulfide	2.307	76	2118	0.067	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	12689	1.043	ug/L	96
25) Chloroform	4.394	83	3651	0.155	ug/L	99
31) Carbon tetrachloride	4.831	117	753	0.042	ug/L #	30
33) Benzene	5.114	78	2283	0.045	ug/L	100
34) Trichloroethene	5.921	95	64639	4.814	ug/L	95
35) Methylcyclohexane	6.075	83	16321	0.822	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	6568	0.533	ug/L #	84
47) Tetrachloroethene	7.979	164	3573	0.334	ug/L	93
49) Dibromochloromethane	7.979	129	3364	0.428	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7800	1.625	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration

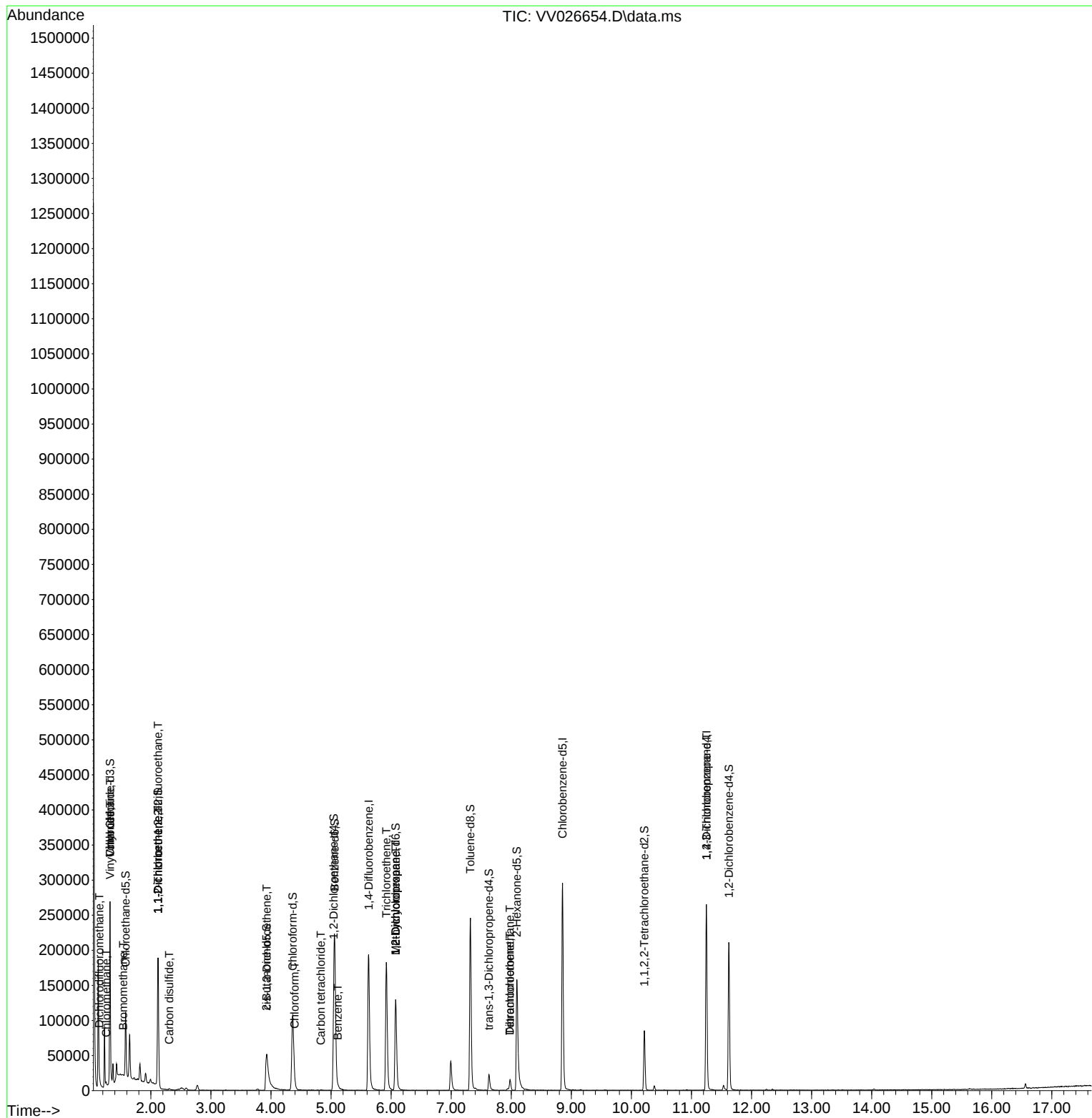
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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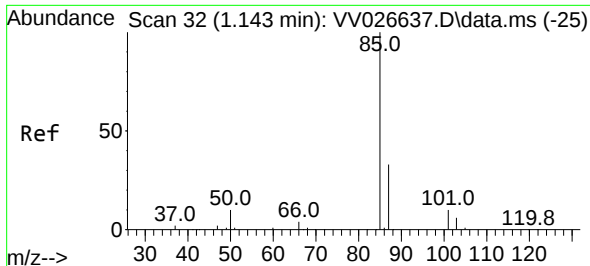
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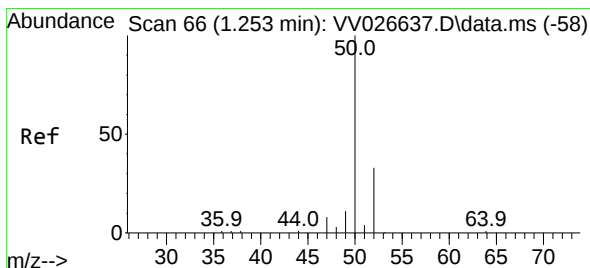
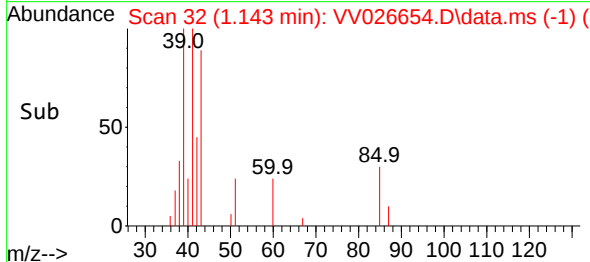
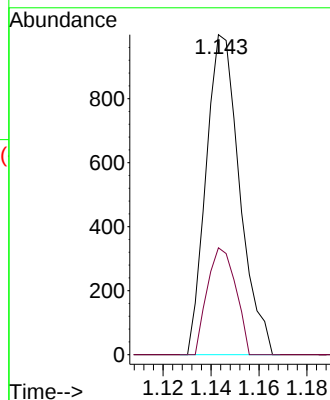
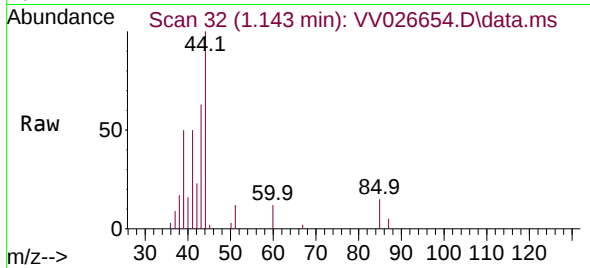




#2
 Dichlorodifluoromethane
 Concen: 0.072 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026654.D
 Acq: 05 Jul 2022 19:34

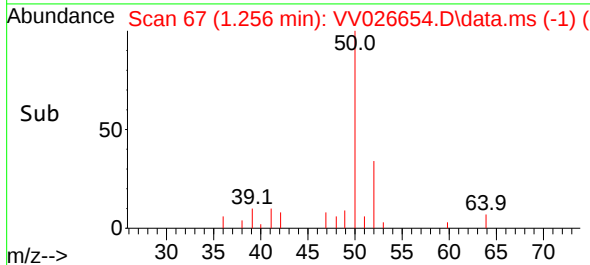
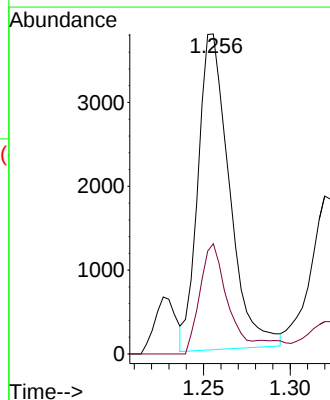
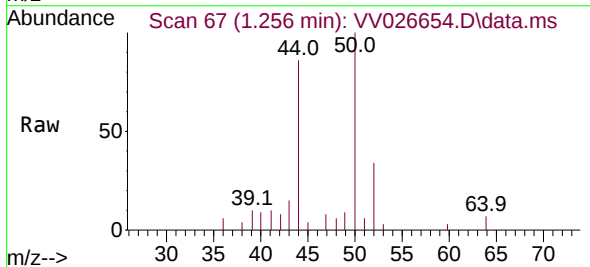
Instrument :
 MSVOA_V
 ClientSampleId :
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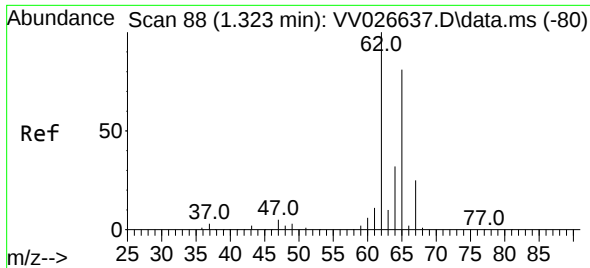
Tgt Ion: 85 Resp: 974
 Ion Ratio Lower Upper
 85 100
 87 28.1 25.6 38.4



#3
 Chloromethane
 Concen: 0.321 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026654.D
 Acq: 05 Jul 2022 19:34

Tgt Ion: 50 Resp: 4748
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.0 42.6

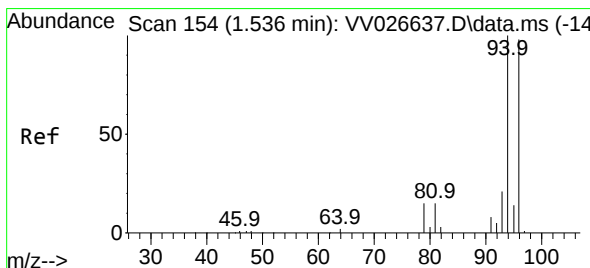
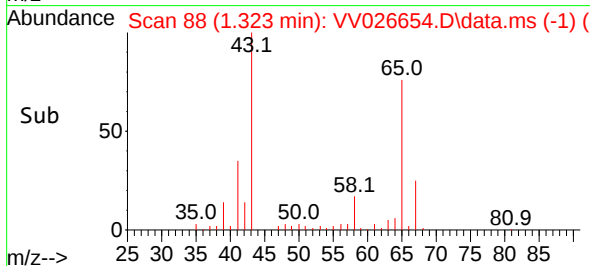
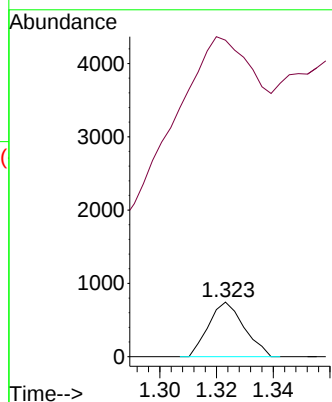
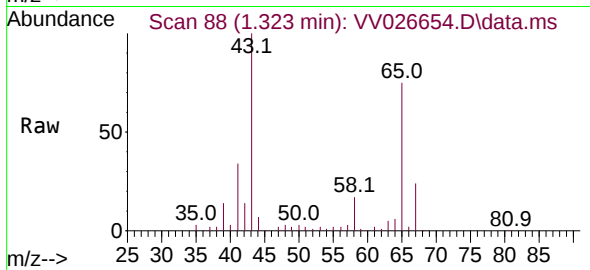




#5
 Vinyl chloride
 Concen: 0.041 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026654.D
 Acq: 05 Jul 2022 19:34

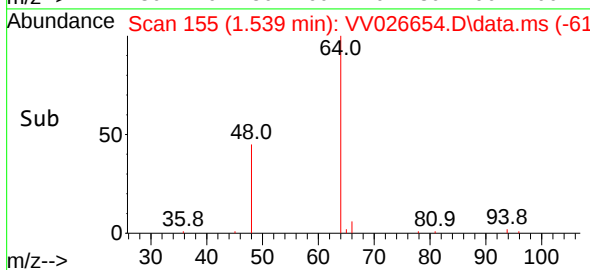
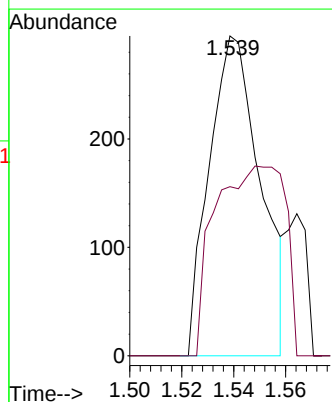
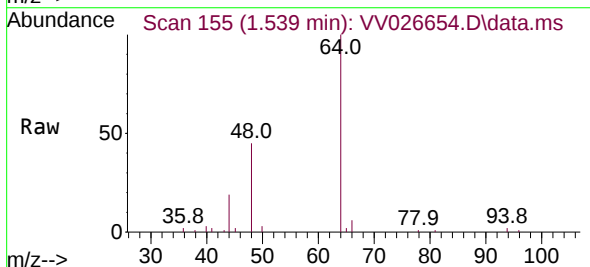
Instrument :
 MSVOA_V
 ClientSampleId :
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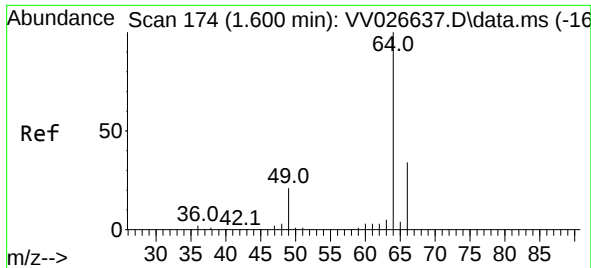
Tgt Ion: 62 Resp: 646
 Ion Ratio Lower Upper
 62 100
 64 579.7 26.2 48.6#



#6
 Bromomethane
 Concen: 0.047 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026654.D
 Acq: 05 Jul 2022 19:34

Tgt Ion: 94 Resp: 403
 Ion Ratio Lower Upper
 94 100
 96 52.9 68.0 126.2#

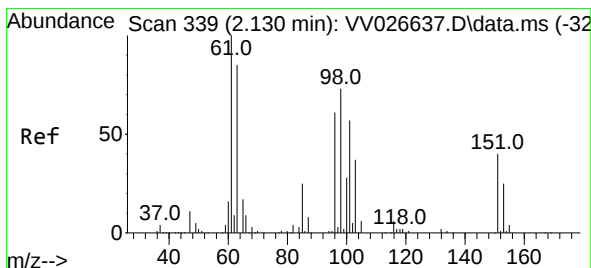
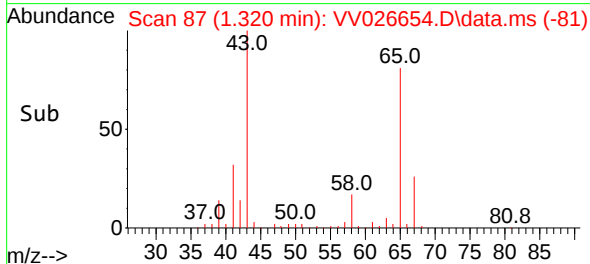
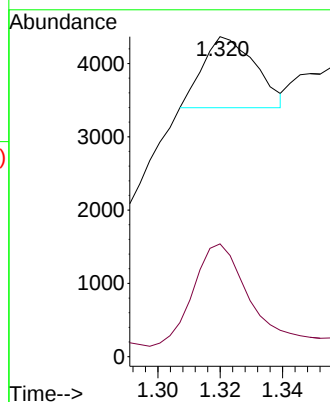
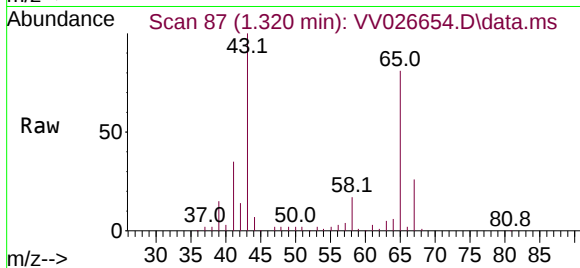




#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

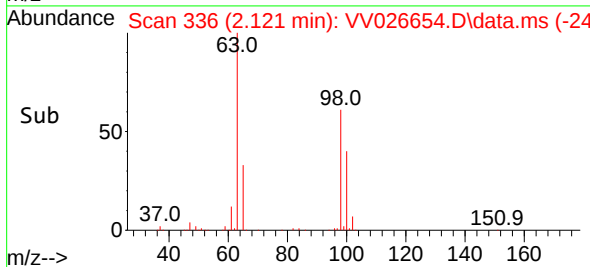
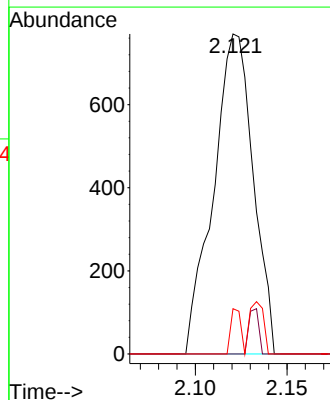
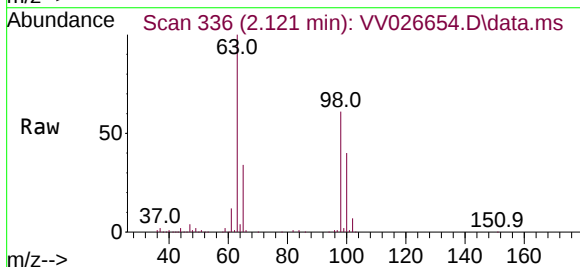
Instrument :
MSVOA_V
ClientSampleId :
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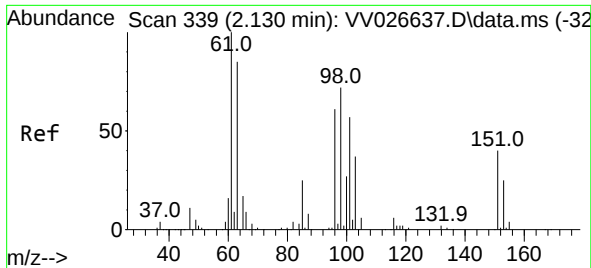
Tgt Ion: 64 Resp: 1136
Ion Ratio Lower Upper
64 100
66 35.2 20.0 37.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.010 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

Tgt Ion:101 Resp: 1164
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 3.5 56.8 85.2#

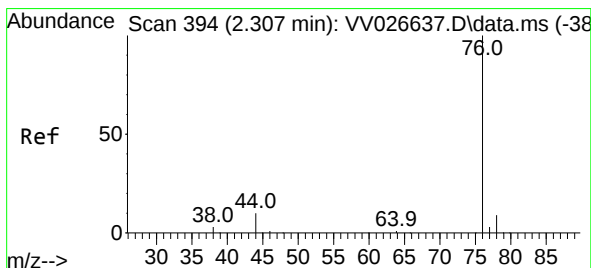
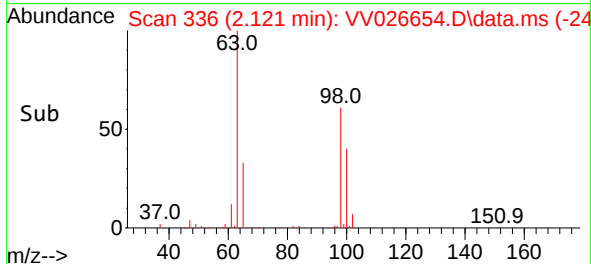
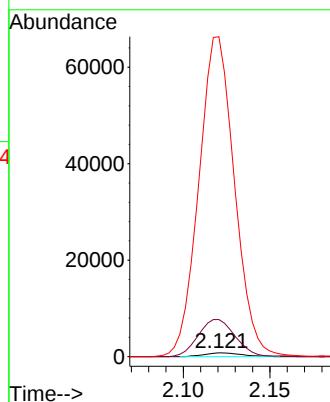
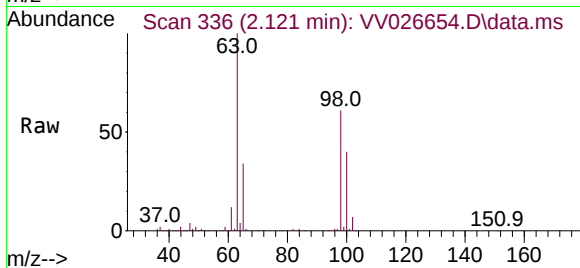




#12
1,1-Dichloroethene
Concen: 0.099 ug/L
RT: 2.121 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

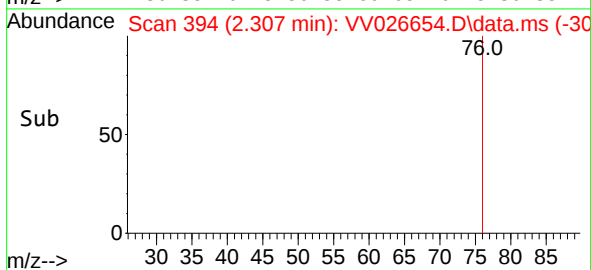
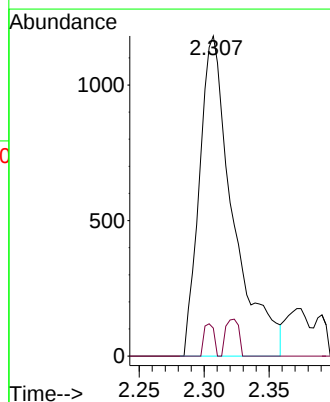
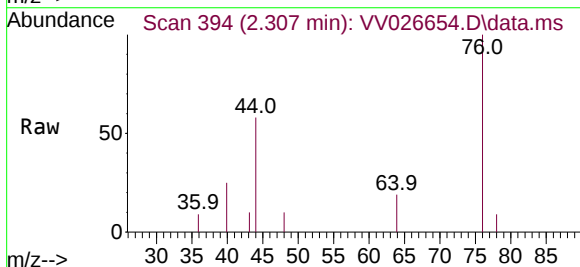
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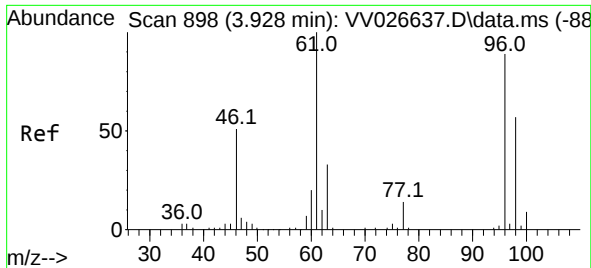
Tgt Ion: 96 Resp: 1194
Ion Ratio Lower Upper
96 100
61 967.9 115.4 214.4#
63 8353.7 87.4 162.2#



#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.000 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

Tgt Ion: 76 Resp: 2118
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6





#22

cis-1,2-Dichloroethene

Concen: 1.043 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.003 min

Lab File: VV026654.D

Acq: 05 Jul 2022 19:34

Instrument :

MSVOA_V

ClientSampleId :

YB323

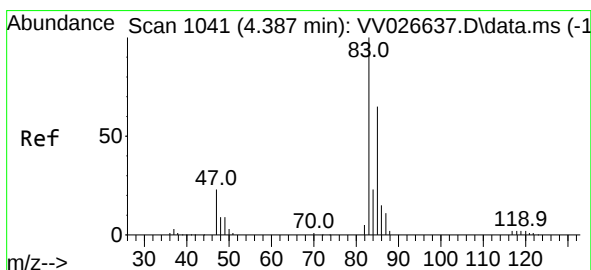
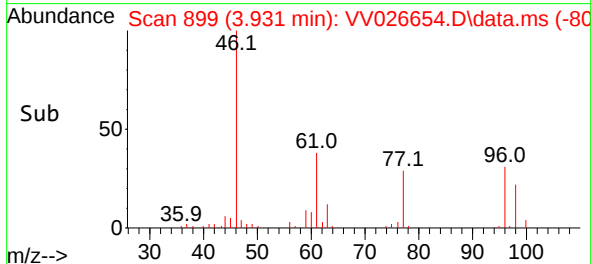
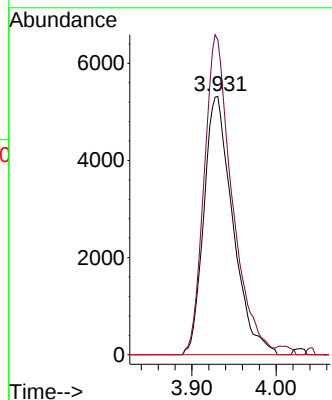
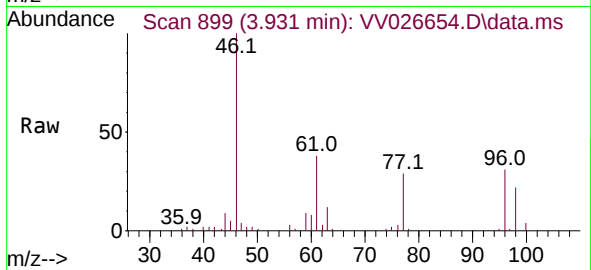
Tgt Ion: 96 Resp: 12689

Ion Ratio Lower Upper

96 100

61 122.0 82.0 152.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.155 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VV026654.D

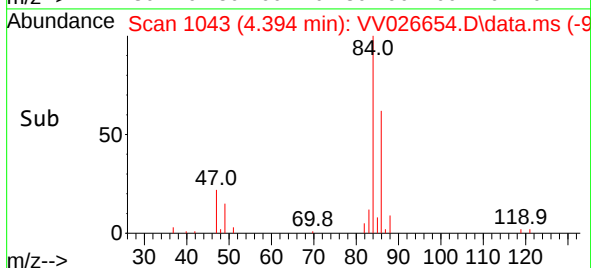
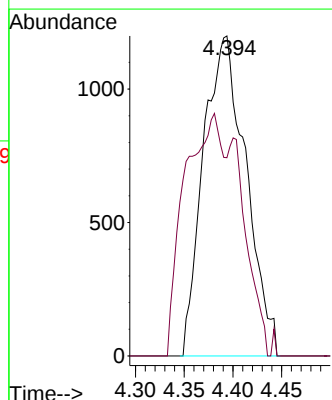
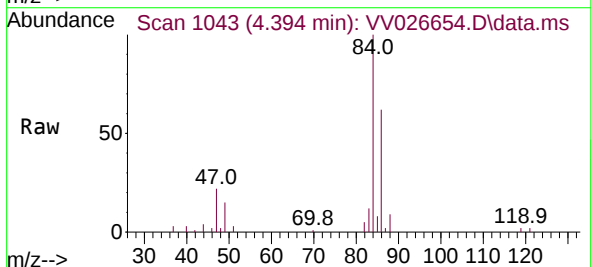
Acq: 05 Jul 2022 19:34

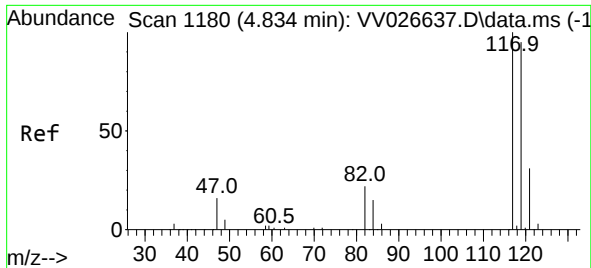
Tgt Ion: 83 Resp: 3651

Ion Ratio Lower Upper

83 100

85 62.0 44.0 81.8

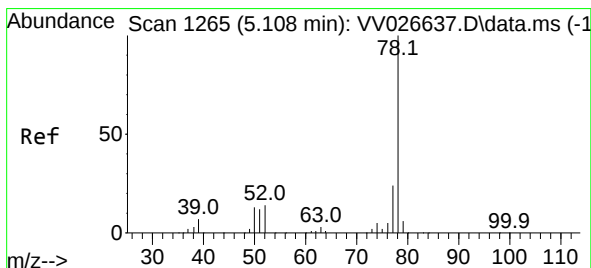
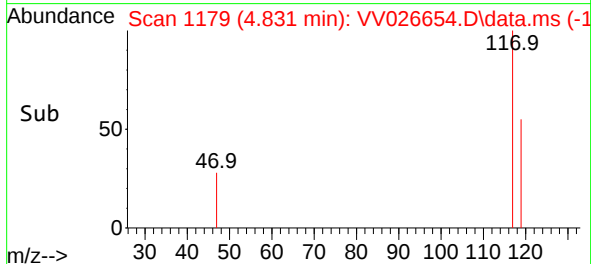
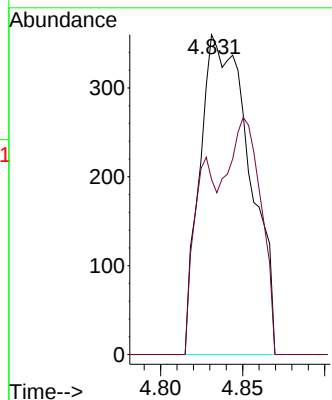
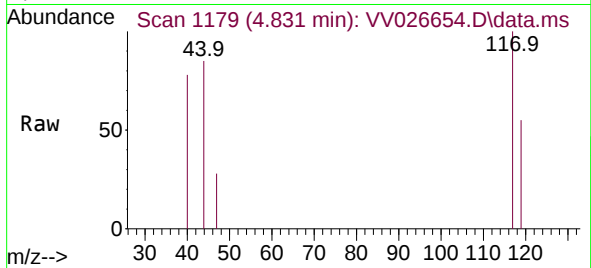




#31
Carbon tetrachloride
Concen: 0.042 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

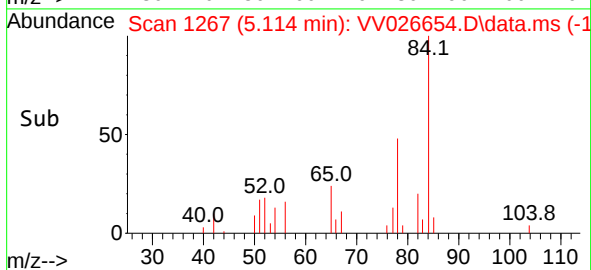
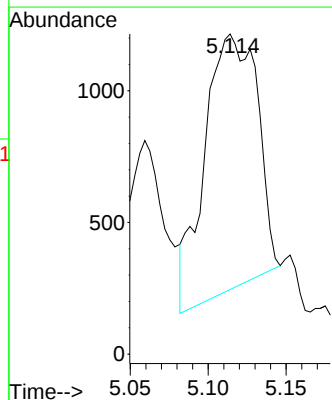
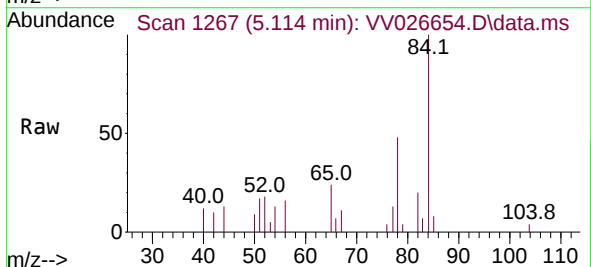
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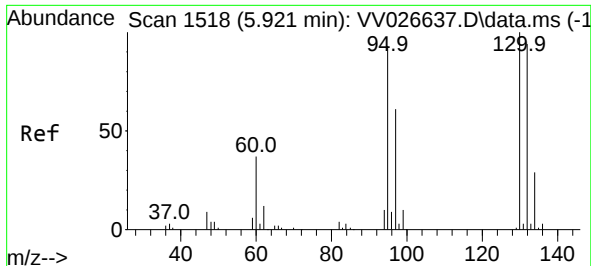
Tgt Ion:117 Resp: 753
Ion Ratio Lower Upper
117 100
119 27.8 76.9 115.3#



#33
Benzene
Concen: 0.045 ug/L
RT: 5.114 min Scan# 1267
Delta R.T. 0.006 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

Tgt Ion: 78 Resp: 2283

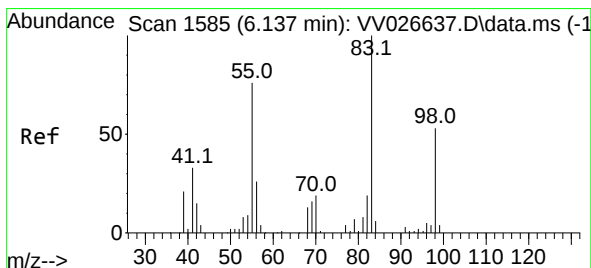
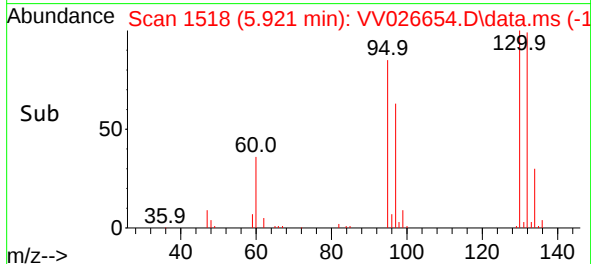
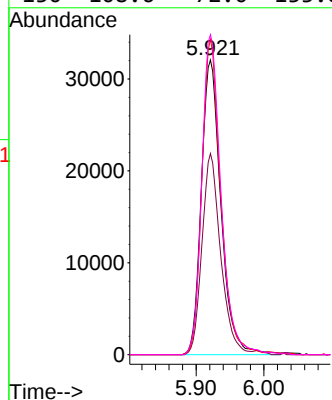
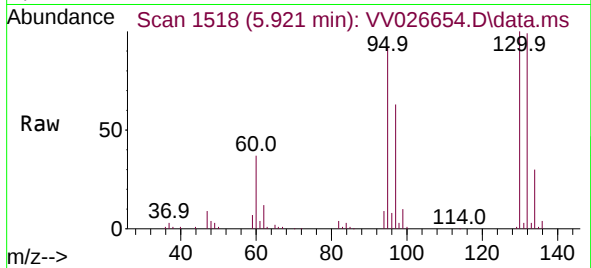




#34
Trichloroethene
Concen: 4.814 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

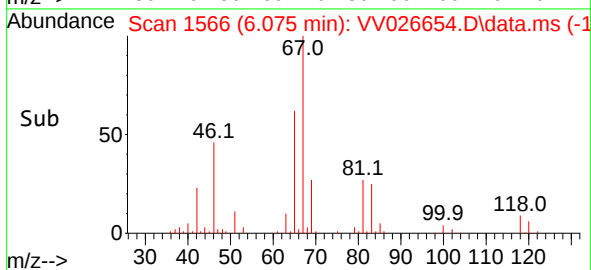
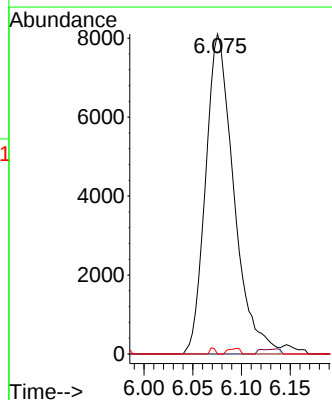
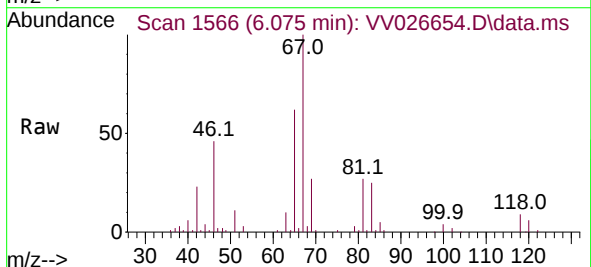
Instrument :
MSVOA_V
ClientSampleId :
YB323

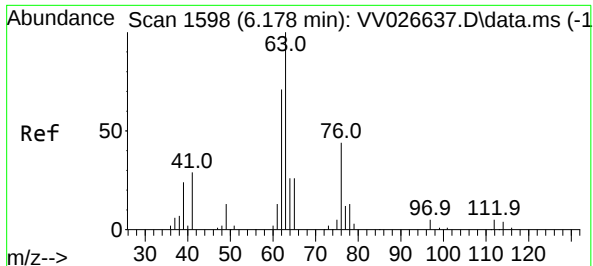
Tgt Ion: 95 Resp: 64639
Ion Ratio Lower Upper
95 100
97 68.2 46.8 87.0
132 107.0 69.9 129.7
130 108.6 72.0 133.8



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026654.D
Acq: 05 Jul 2022 19:34

Tgt Ion: 83 Resp: 16321
Ion Ratio Lower Upper
83 100
55 1.1 57.0 85.4#
98 0.7 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.533 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026654.D

Acq: 05 Jul 2022 19:34

Instrument :

MSVOA_V

ClientSampleId :

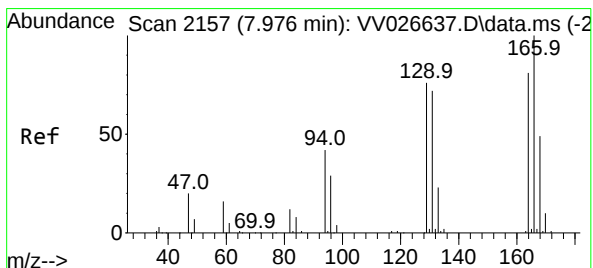
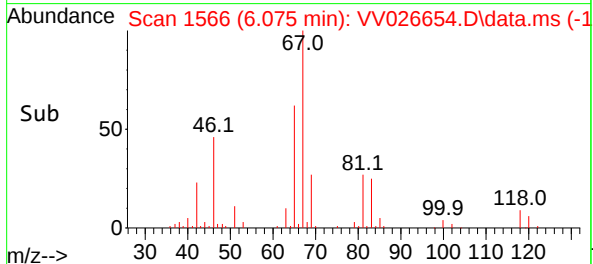
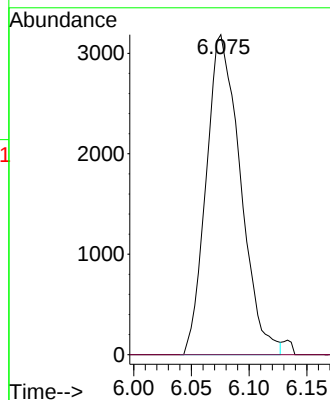
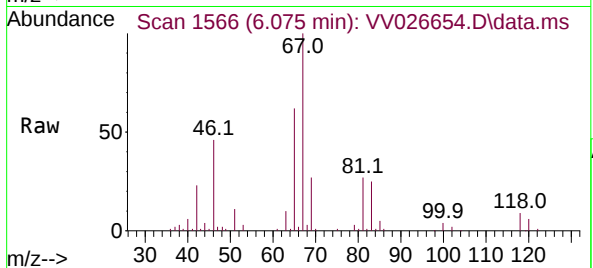
YB323

Tgt Ion: 63 Resp: 6568

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#47

Tetrachloroethene

Concen: 0.334 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026654.D

Acq: 05 Jul 2022 19:34

Tgt Ion: 164 Resp: 3573

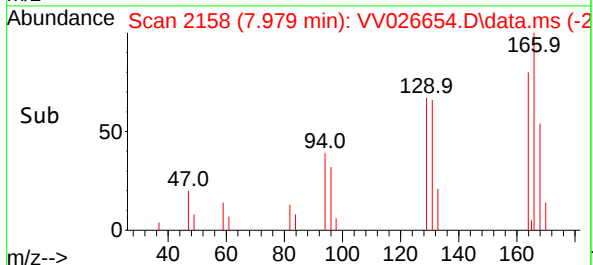
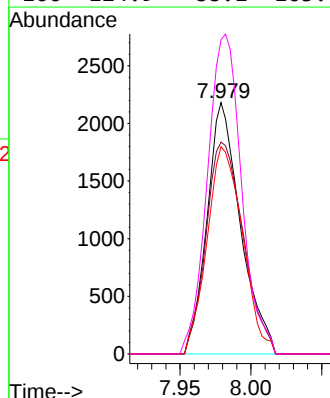
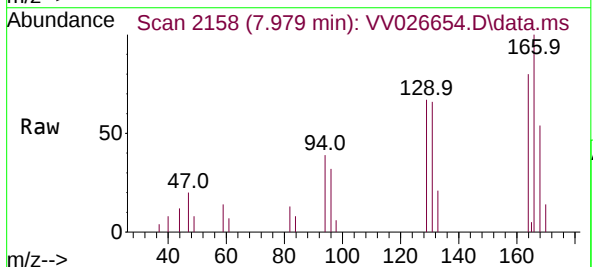
Ion Ratio Lower Upper

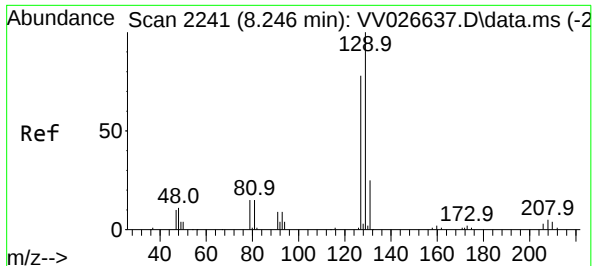
164 100

129 84.3 66.4 123.2

131 82.4 64.4 119.6

166 124.9 88.1 163.7





#49

Dibromochloromethane

Concen: 0.428 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026654.D

Acq: 05 Jul 2022 19:34

Instrument :

MSVOA_V

ClientSampleId :

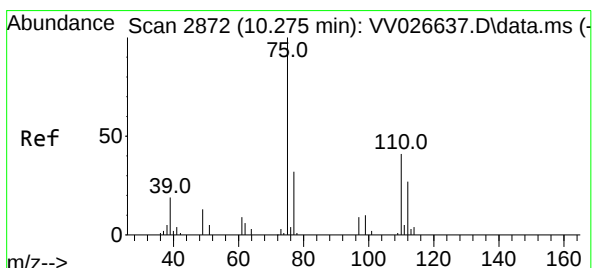
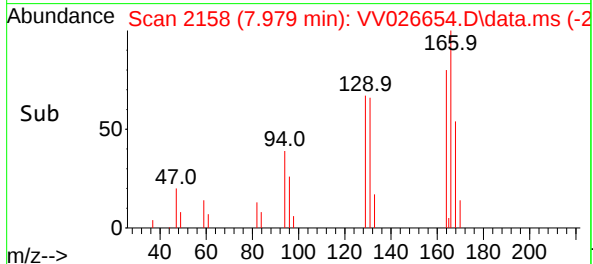
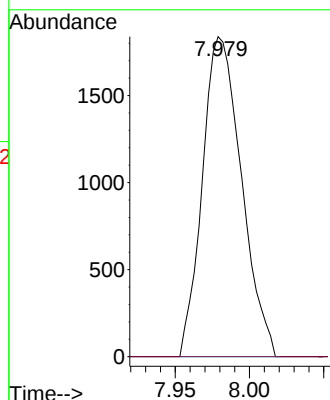
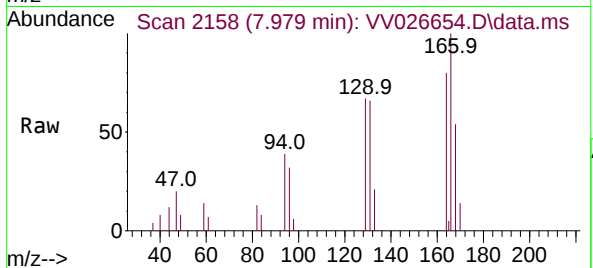
YB323

Tgt Ion:129 Resp: 3364

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.625 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026654.D

Acq: 05 Jul 2022 19:34

Tgt Ion: 75 Resp: 7800

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

110 1.8 32.5 48.7#

