

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027464.D
 Acq On : 22 Aug 2022 13:43
 Operator : SY/MD
 Sample : N4252-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:12:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43320	5.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.564	69	39565	6.434	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 128.600%		
11) 1,1-Dichloroethene-d2	2.163	63	4430	0.226	ug/L	0.05
Spiked Amount	5.000	Range 60 - 125	Recovery	= 4.600%#		
20) 2-Butanone-d5	3.886	46	74727	71.459	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 142.920%#		
24) Chloroform-d	4.346	84	83599	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
26) 1,2-Dichloroethane-d4	5.031	65	35433	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.400%		
32) Benzene-d6	5.047	84	151319	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.200%		
36) 1,2-Dichloropropane-d6	6.069	67	46861	4.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.200%		
41) Toluene-d8	7.317	98	120338	4.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.000%		
43) trans-1,3-Dichloroprop...	7.625	79	14784	4.573	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.400%		
46) 2-Hexanone-d5	8.088	63	44726	42.030	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.060%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28256	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 94.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	37211	5.143	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.236	50	1385	0.127	ug/L	92
5) Vinyl chloride	1.307	62	752074	68.290	ug/L	100
6) Bromomethane	1.519	94	503	0.092	ug/L #	58
8) Chloroethane	1.307	64	238146	37.002	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	960	0.097	ug/L #	42
12) 1,1-Dichloroethene	2.114	96	9849	1.102	ug/L #	1
14) Carbon disulfide	2.294	76	1924	0.078	ug/L #	88
18) trans-1,2-Dichloroethene	2.757	96	79209	8.607	ug/L	94
19) 1,1-Dichloroethane	3.188	63	12783	0.671	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	2160573	220.290	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	694	0.039	ug/L #	72
33) Benzene	5.104	78	2008	0.052	ug/L	100
34) Trichloroethene	5.912	95	78378	7.640	ug/L	98
35) Methylcyclohexane	6.066	83	12277	0.851	ug/L #	15
39) cis-1,3-Dichloropropene	6.989	75	979	0.078	ug/L #	33
47) Tetrachloroethene	7.979	164	562	0.070	ug/L	87
49) Dibromochloromethane	7.982	129	489	0.060	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6116	1.428	ug/L #	68

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QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration

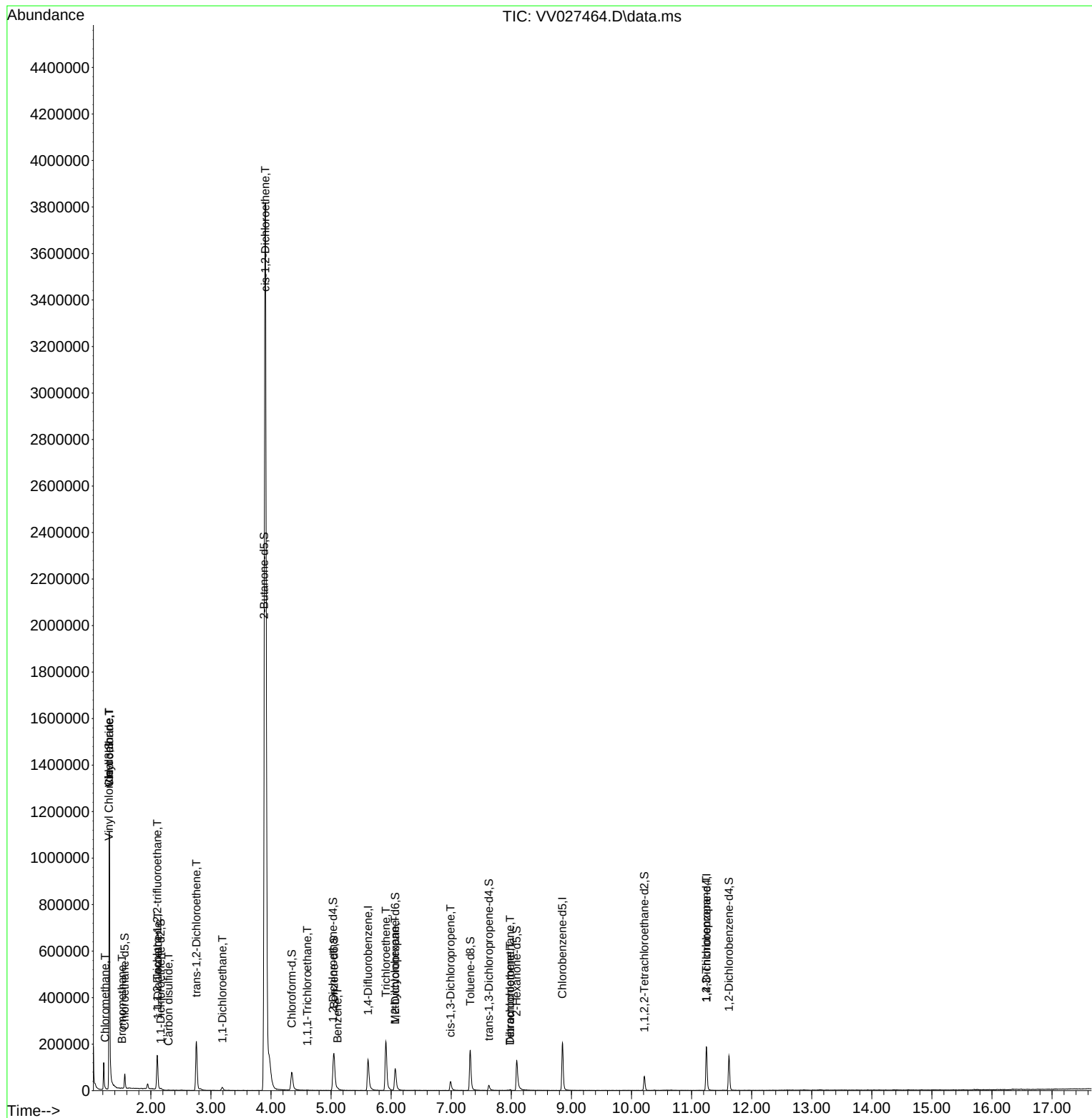
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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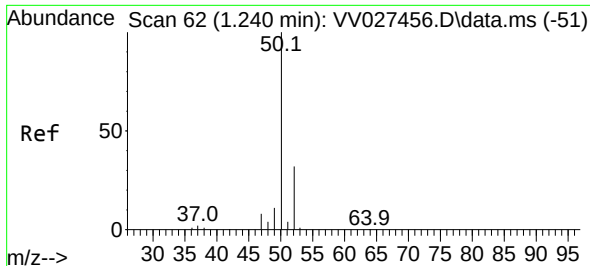
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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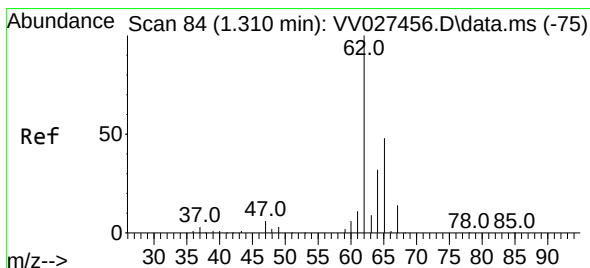
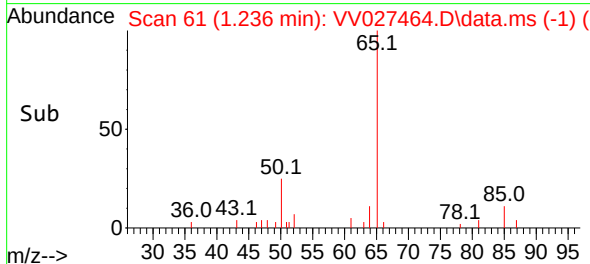
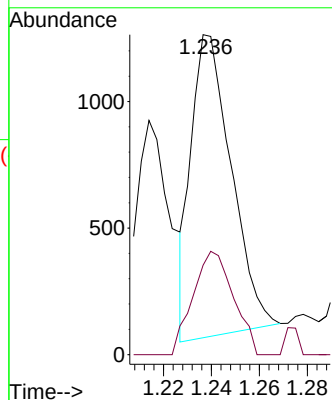
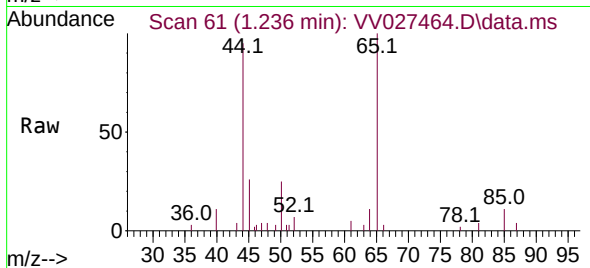




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

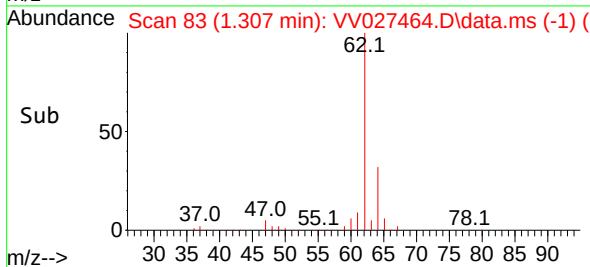
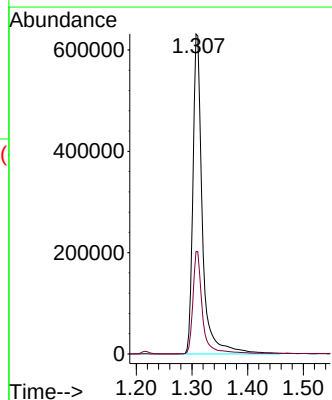
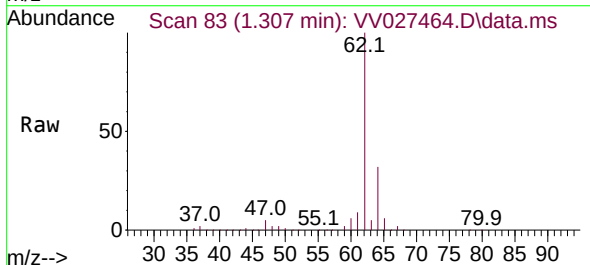
Instrument :
MSVOA_V
ClientSampleId :

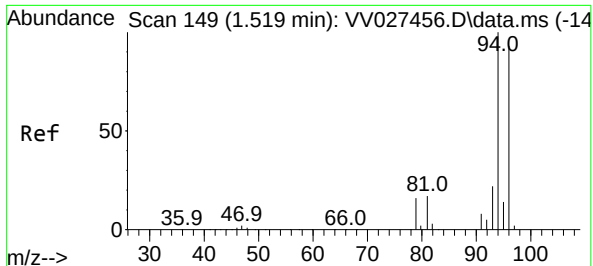
Tgt Ion: 50 Resp: 1385
Ion Ratio Lower Upper
50 100
52 27.9 22.8 42.4



#5
Vinyl chloride
Concen: 68.290 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

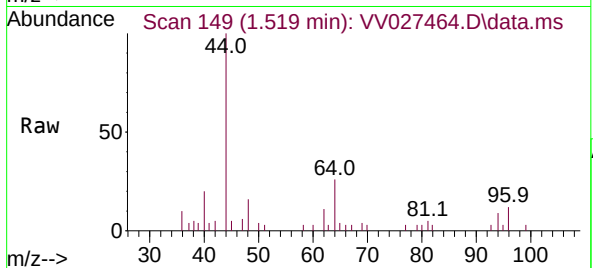
Tgt Ion: 62 Resp: 752074
Ion Ratio Lower Upper
62 100
64 32.1 22.6 42.0



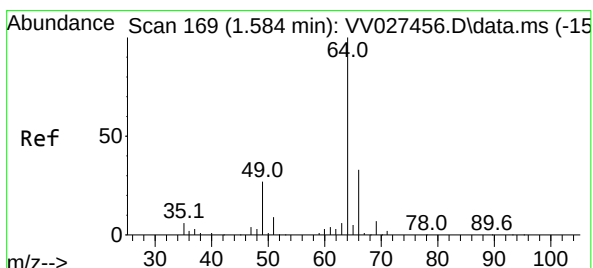
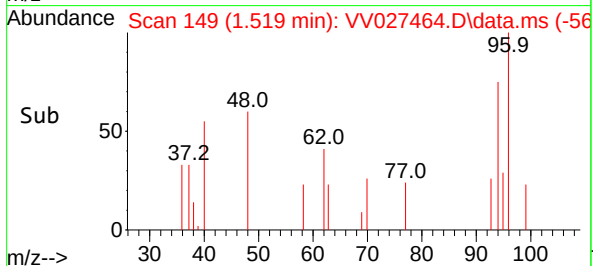
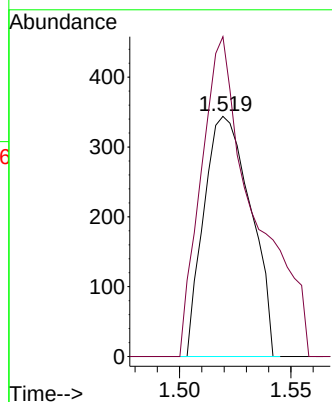


#6
Bromomethane
Concen: 0.092 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :

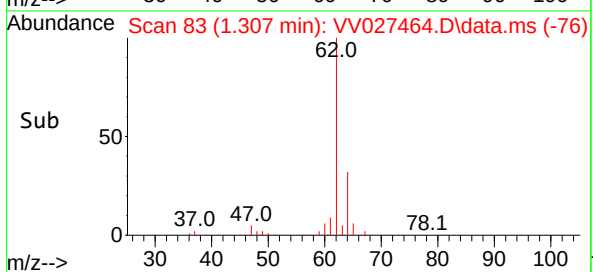
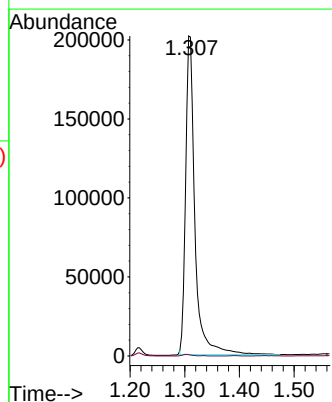
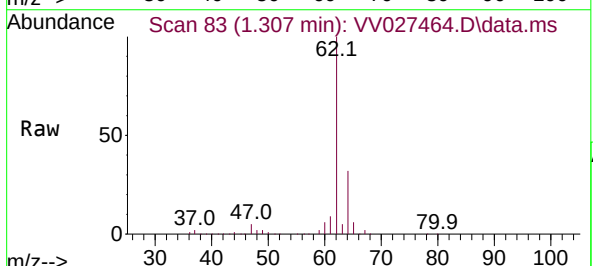


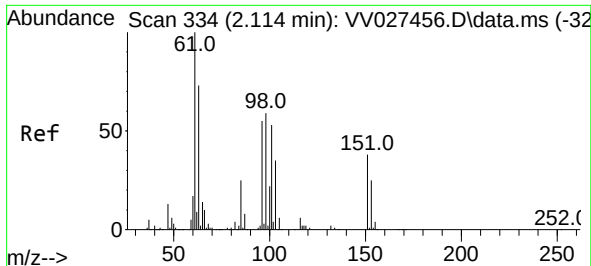
Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 133.1 65.2 121.0#



#8
Chloroethane
Concen: 37.002 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.277 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Tgt Ion: 64 Resp: 238146
Ion Ratio Lower Upper
64 100
66 0.4 23.3 43.3#





#10

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

Concen: 0.097 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV027464.D

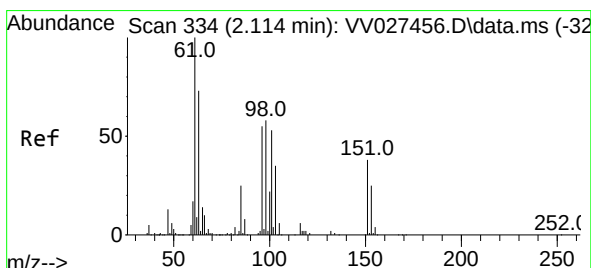
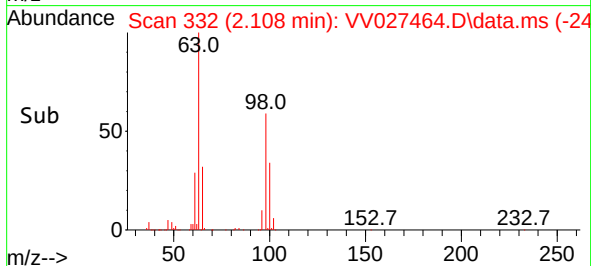
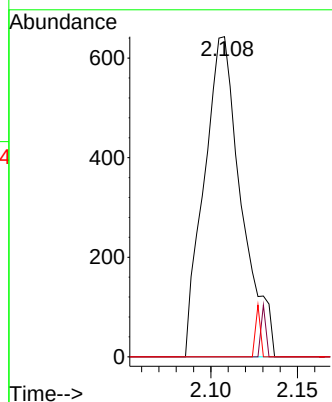
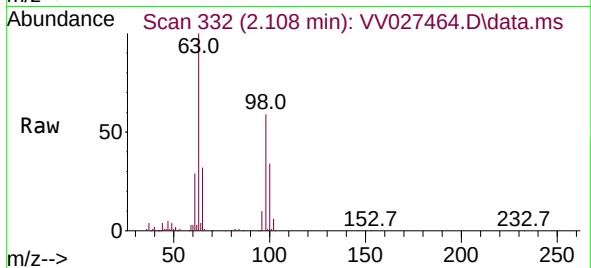
Acq: 22 Aug 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	960
Ion Ratio	Lower	Upper	
101	100		
85	30.3	35.3	52.9#
151	2.1	55.2	82.8#



#12

1,1-Dichloroethene

Concen: 1.102 ug/L

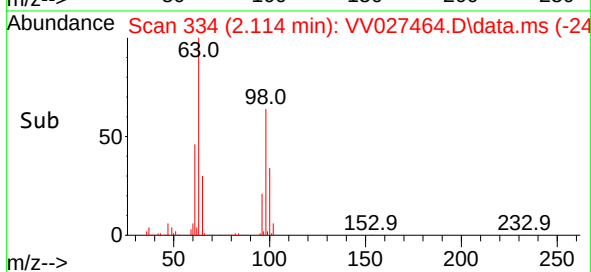
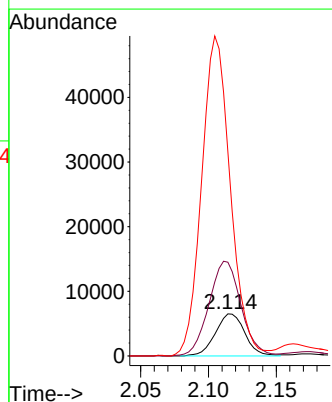
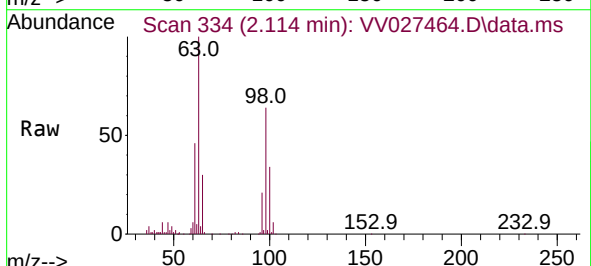
RT: 2.114 min Scan# 334

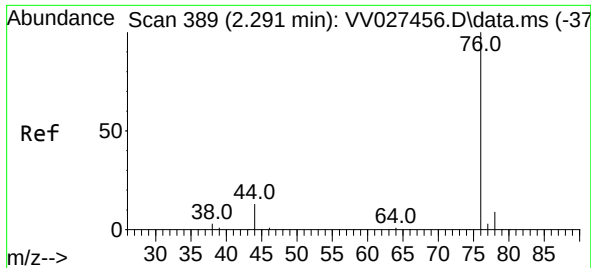
Delta R.T. -0.000 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

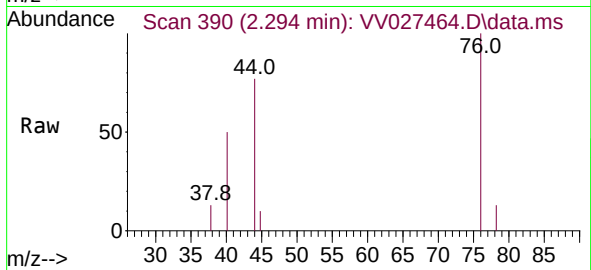
Tgt Ion:	96	Resp:	9849
Ion Ratio	Lower	Upper	
96	100		
61	222.8	130.2	241.8
63	485.4	87.4	162.4#



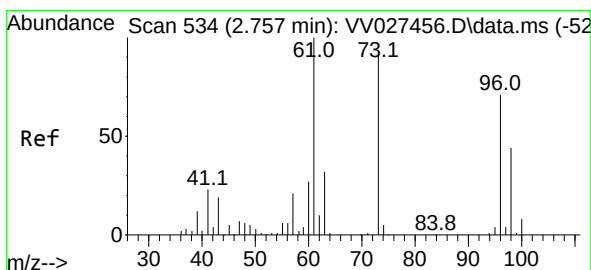
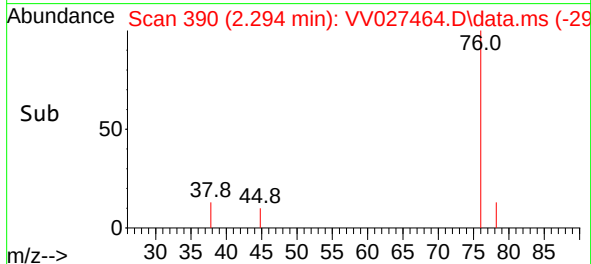
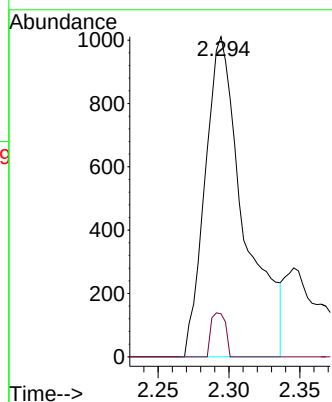


#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :

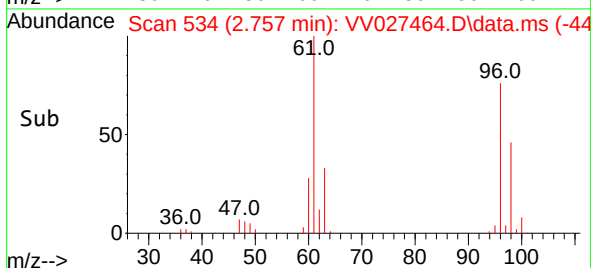
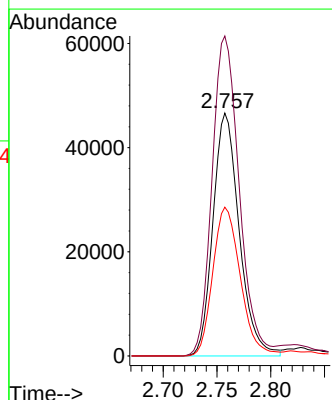
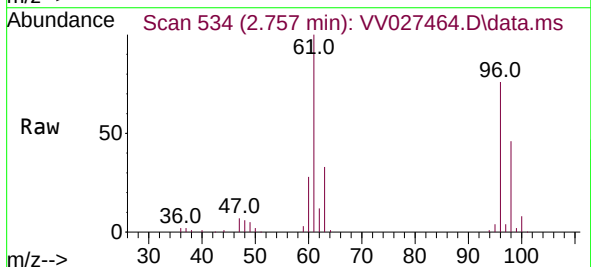


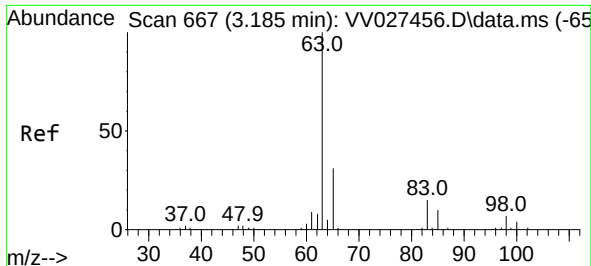
Tgt Ion: 76 Resp: 1924
Ion Ratio Lower Upper
76 100
78 13.5 7.3 10.9#



#18
trans-1,2-Dichloroethene
Concen: 8.607 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Tgt Ion: 96 Resp: 79209
Ion Ratio Lower Upper
96 100
61 131.7 97.6 181.4
98 61.2 45.9 85.3

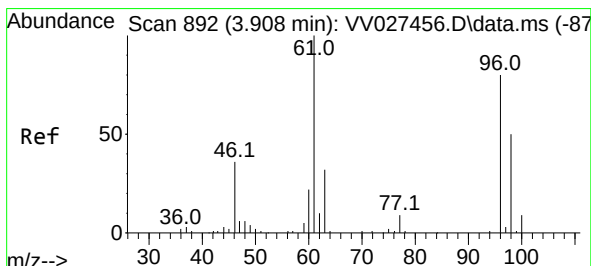
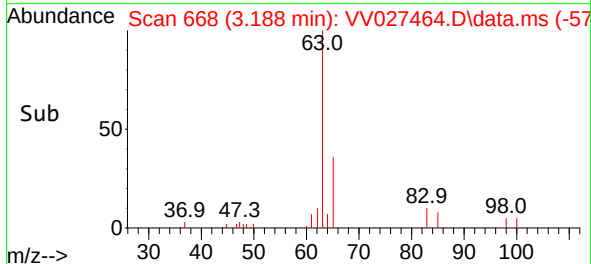
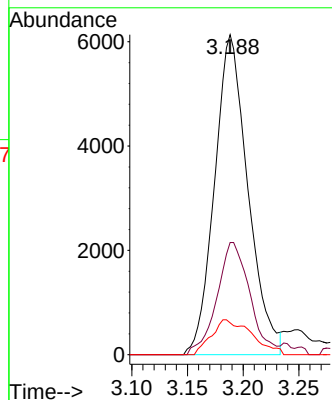
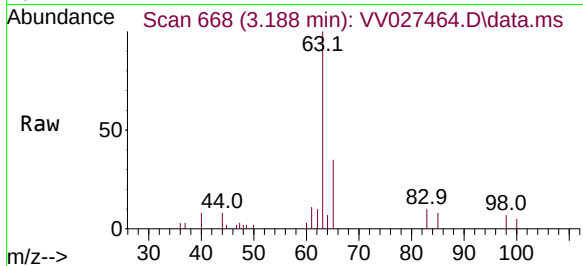




#19
1,1-Dichloroethane
Concen: 0.671 ug/L
RT: 3.188 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

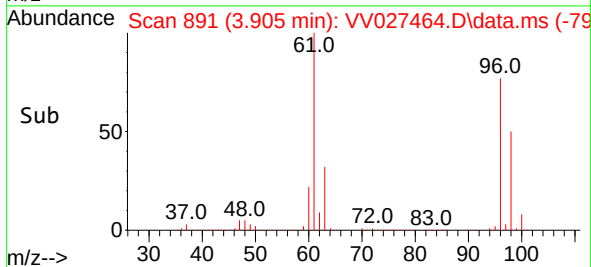
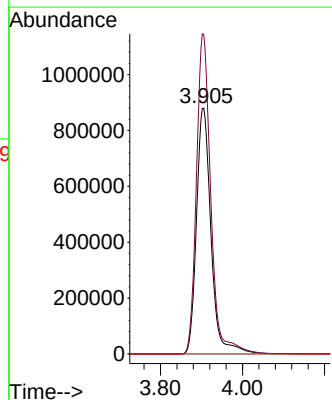
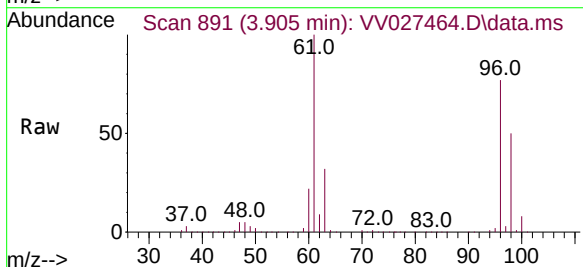
Instrument :
MSVOA_V
ClientSampleId :

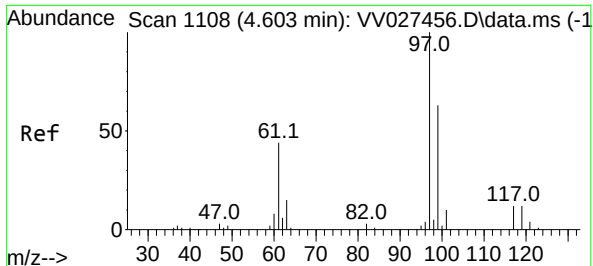
Tgt Ion: 63 Resp: 12783
Ion Ratio Lower Upper
63 100
65 35.1 22.1 41.1
83 9.9 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 220.290 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Tgt Ion: 96 Resp: 2160573
Ion Ratio Lower Upper
96 100
61 130.0 90.6 168.2
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.039 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

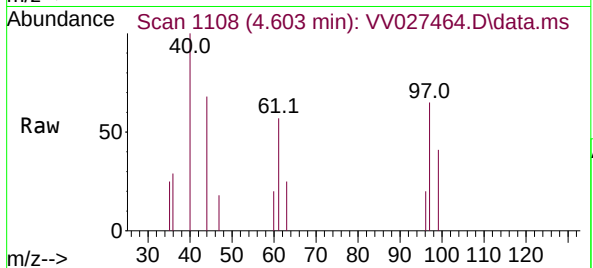
Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Instrument :

MSVOA_V

ClientSampleId :



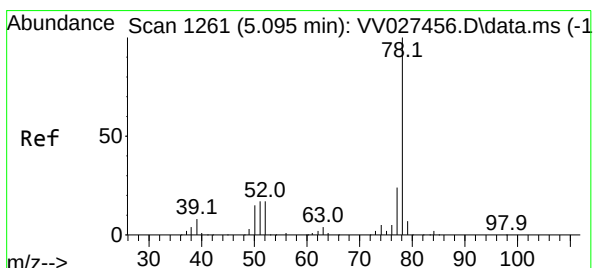
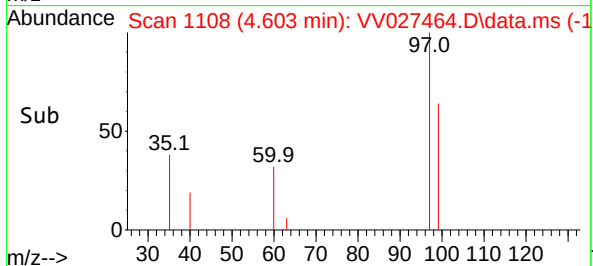
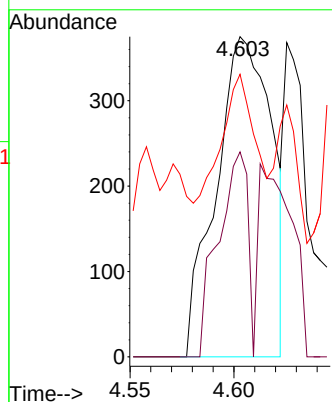
Tgt Ion: 97 Resp: 694

Ion Ratio Lower Upper

97 100

99 34.0 51.1 76.7#

61 35.4 35.9 53.9#



#33

Benzene

Concen: 0.052 ug/L

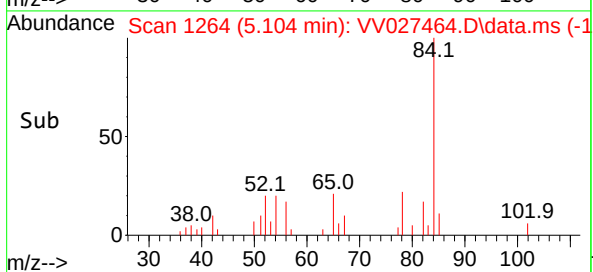
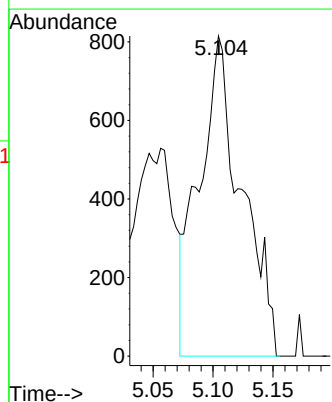
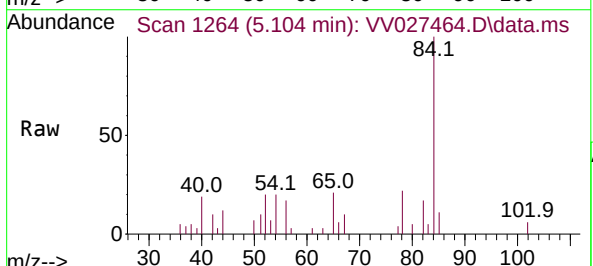
RT: 5.104 min Scan# 1264

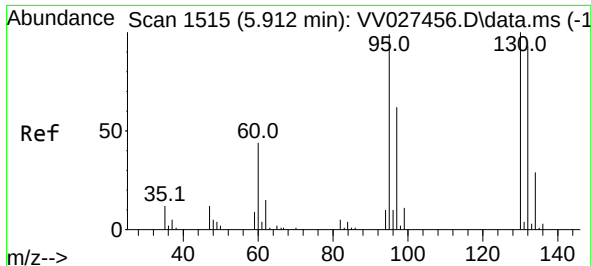
Delta R.T. 0.010 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Tgt Ion: 78 Resp: 2008

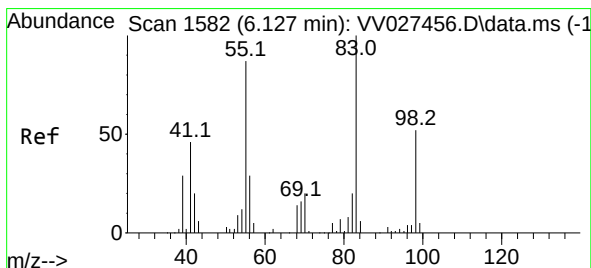
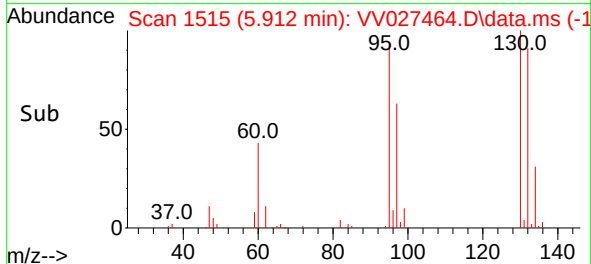
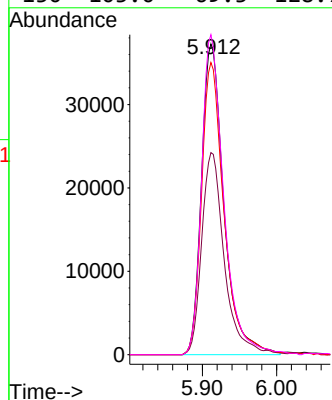
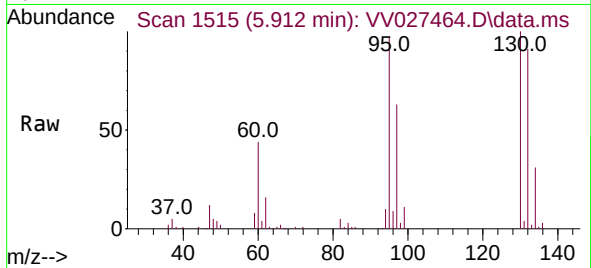




#34
Trichloroethene
Concen: 7.640 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

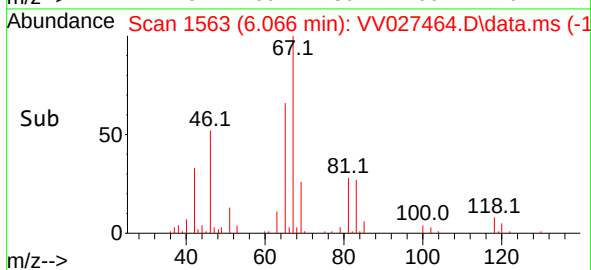
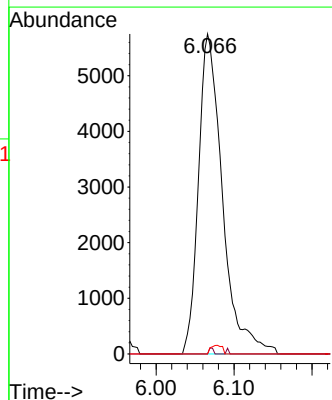
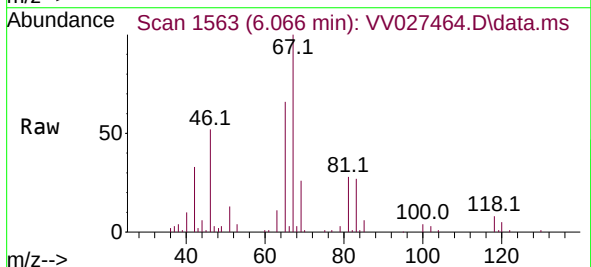
Instrument :
MSVOA_V
ClientSampleId :

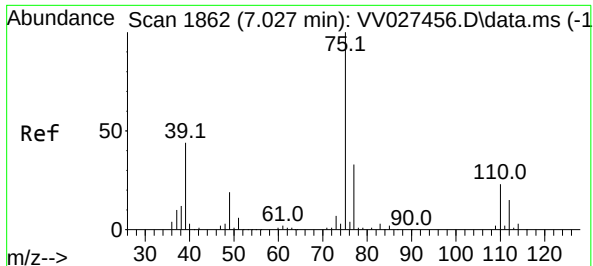
Tgt Ion: 95 Resp: 78378
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 94.0 65.7 121.9
130 103.0 69.3 128.7



#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

Tgt Ion: 83 Resp: 12277
Ion Ratio Lower Upper
83 100
55 0.3 68.2 102.4#
98 1.3 39.0 58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Instrument :

MSVOA_V

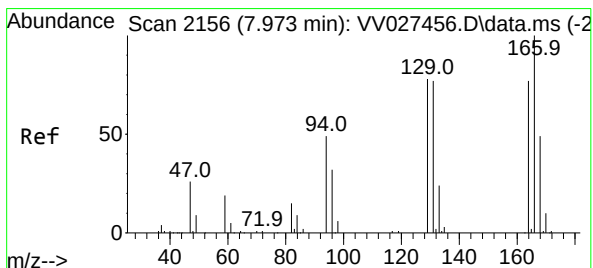
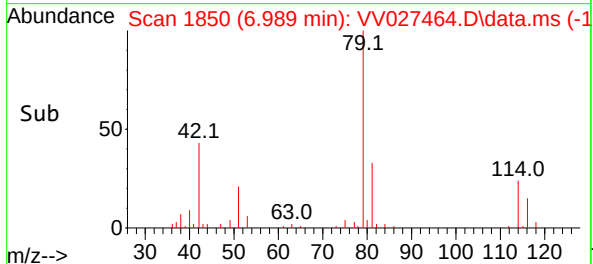
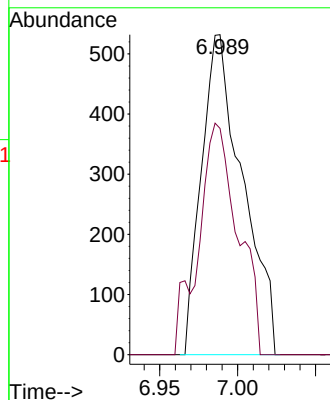
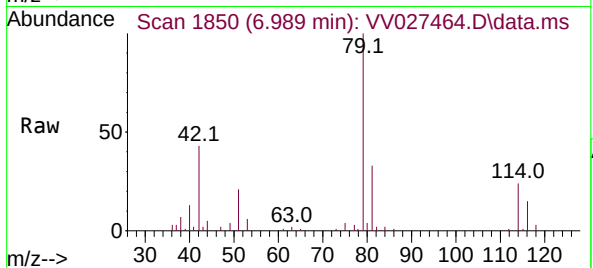
ClientSampleId :

Tgt Ion: 75 Resp: 979

Ion Ratio Lower Upper

75 100

77 70.7 22.9 42.5#



#47

Tetrachloroethene

Concen: 0.070 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Tgt Ion: 164 Resp: 562

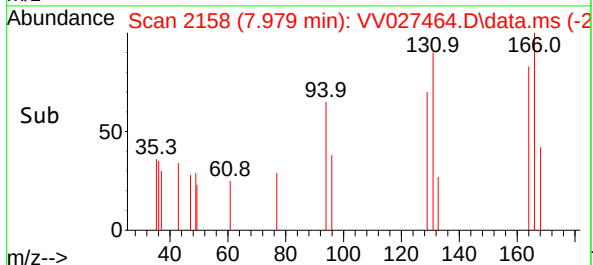
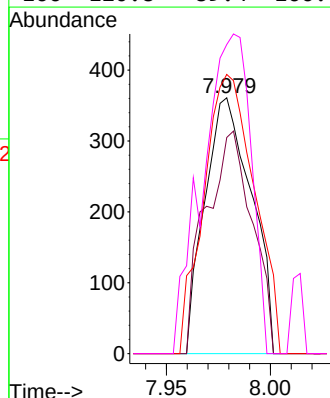
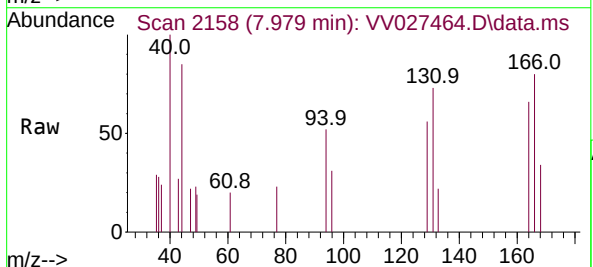
Ion Ratio Lower Upper

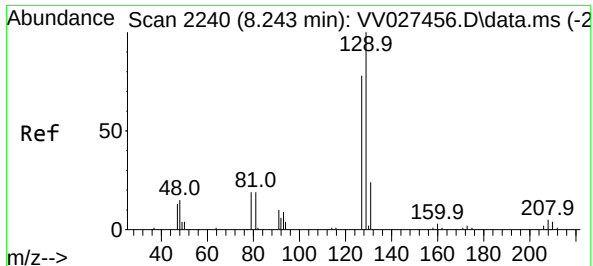
164 100

129 84.5 71.1 132.1

131 109.1 64.5 119.9

166 120.8 89.4 166.0





#49

Dibromochloromethane

Concen: 0.060 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Instrument :

MSVOA_V

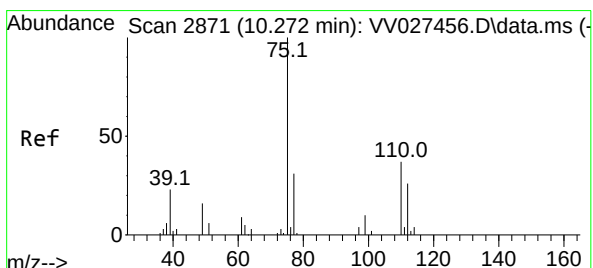
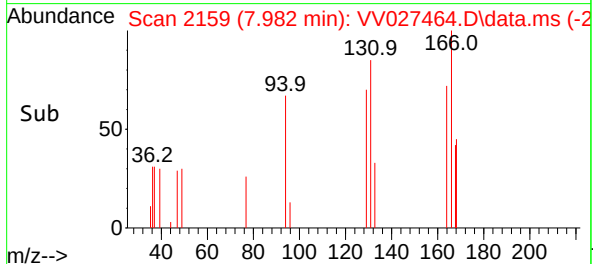
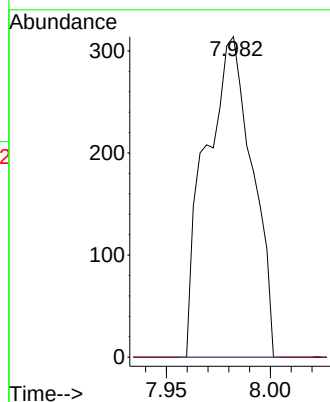
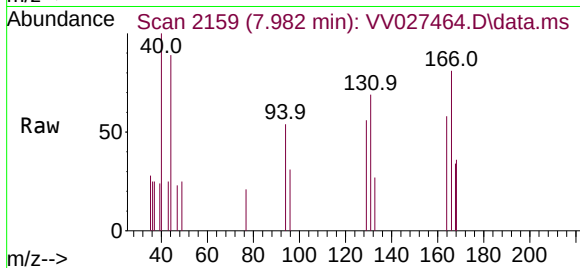
ClientSampleId :

Tgt Ion:129 Resp: 489

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.428 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027464.D

Acq: 22 Aug 2022 13:43

Tgt Ion: 75 Resp: 6116

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

110 3.0 29.9 44.9#

