

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026212.D
 Acq On : 13 Jun 2022 16:22
 Operator : SY/MD
 Sample : N3272-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 02:40:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	166990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	161978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69546	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.313	65	94238	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.577	69	74767	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.114	63	119159	3.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.918	46	105742	64.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.800%
24) Chloroform-d	4.358	84	138002	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.040	65	60263	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.056	84	267595	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.072	67	81949	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.316	98	212070	3.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	7.628	79	22807	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.091	63	82601	48.267	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53260	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	71167	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	712	0.043	ug/L	86
5) Vinyl chloride	1.320	62	458969	26.305	ug/L	99
8) Chloroethane	1.860	64	4870	0.447	ug/L #	43
12) 1,1-Dichloroethene	2.121	96	1171	0.092	ug/L #	1
14) Carbon disulfide	2.304	76	7258	0.224	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	2629	0.215	ug/L	87
34) Trichloroethene	5.927	95	3926	0.297	ug/L	94
35) Methylcyclohexane	6.075	83	19586	1.095	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	8737	0.688	ug/L #	85
42) Toluene	7.397	91	16638	0.321	ug/L	99
44) trans-1,3-Dichloropropene	7.628	75	1011	0.091	ug/L #	62
47) Tetrachloroethene	7.979	164	5905	0.622	ug/L	94
49) Dibromochloromethane	7.979	129	5691	0.653	ug/L #	13
52) Ethylbenzene	9.024	91	2437	0.047	ug/L	89
53) m,p-Xylene	9.143	106	4182	0.212	ug/L	98
54) o-Xylene	9.551	106	1152	0.060	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	8009	1.501	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	3101	0.086	ug/L	93
63) 1,2,4-Trimethylbenzene	10.918	105	3101	0.088	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061322\
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 14 02:40:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 14 02:36:38 2022
Response via : Initial Calibration

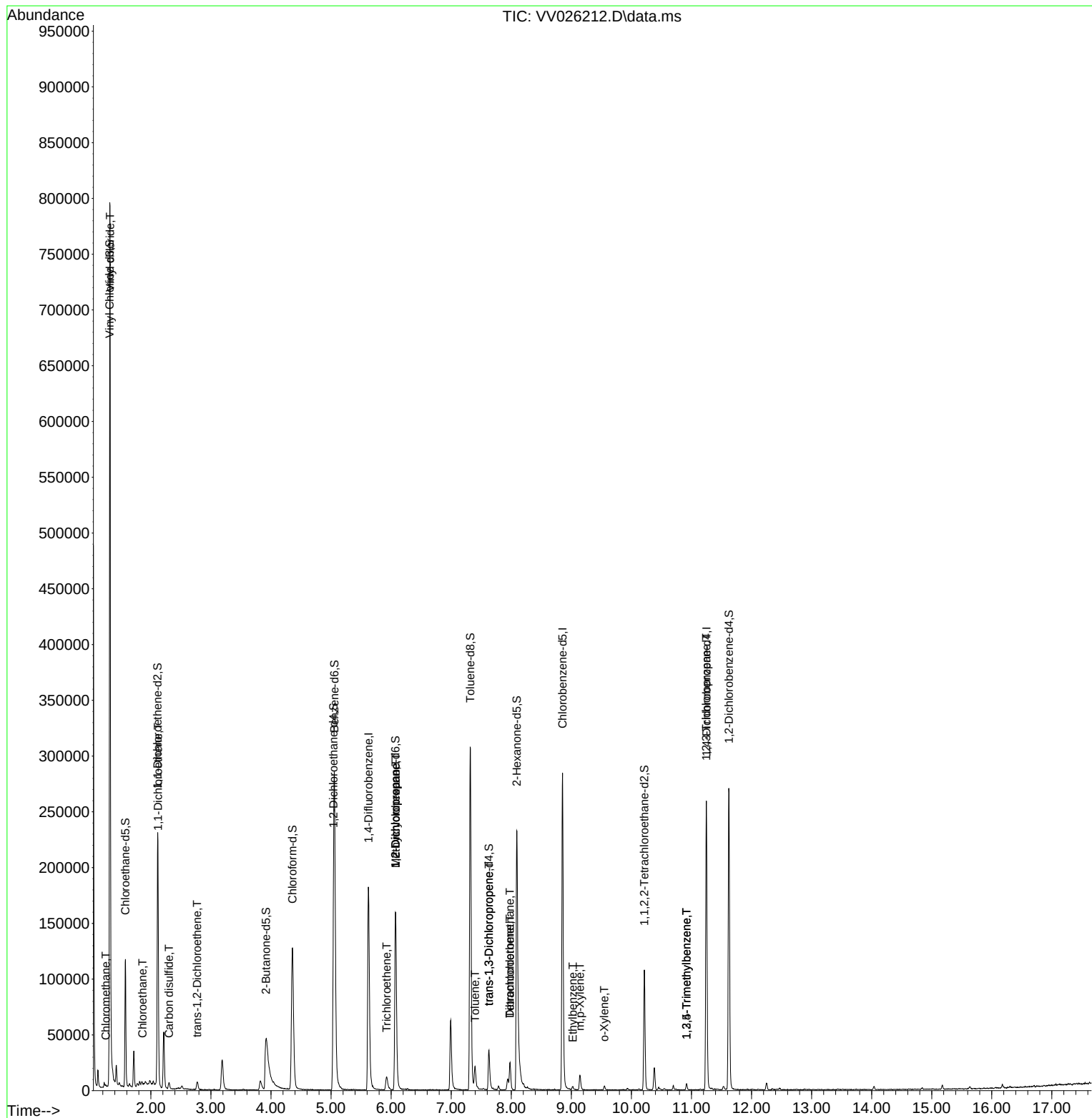
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

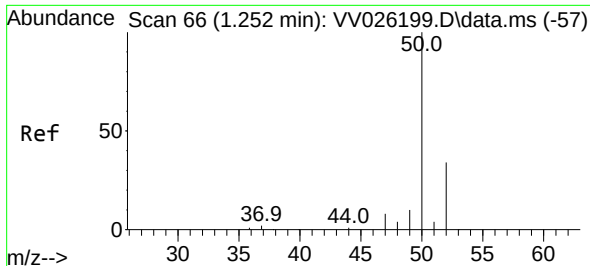
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061322\
Data File : VV026212.D
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Operator : SY/MD
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MSVOA_V
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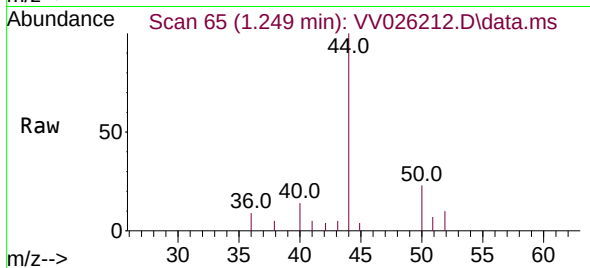
Quant Time: Jun 14 02:40:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
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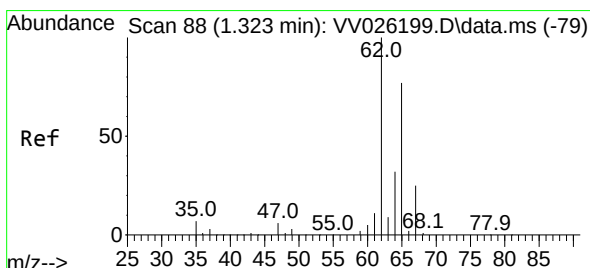
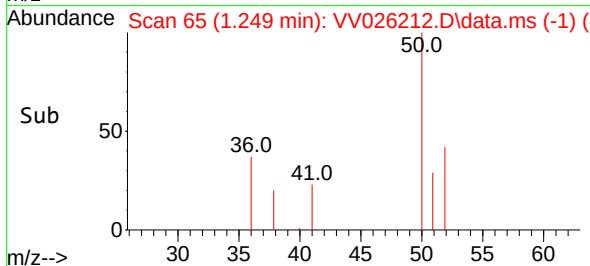
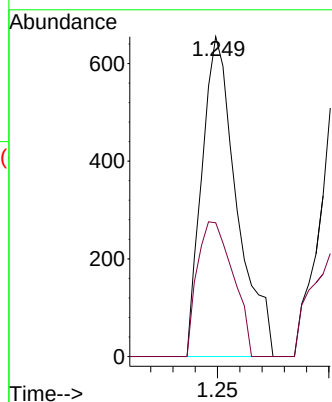


#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Instrument :
MSVOA_V
ClientSampleId :

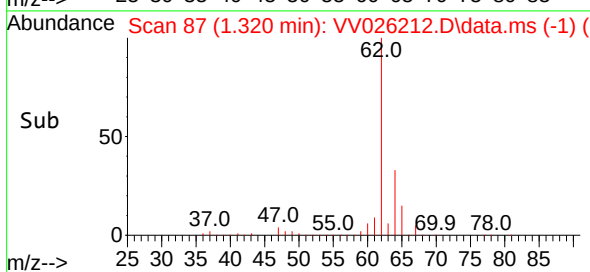
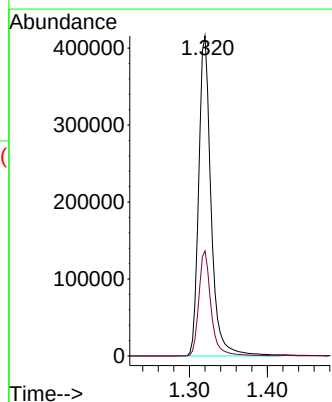
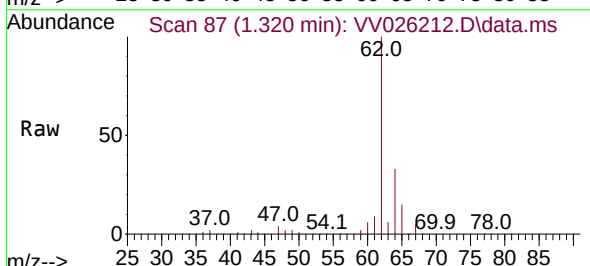


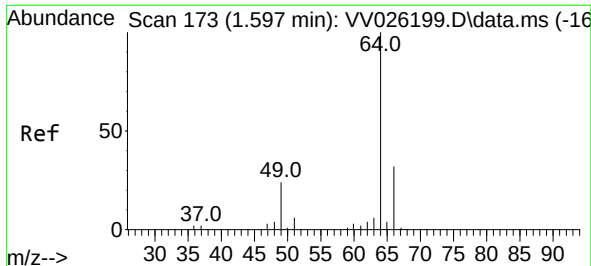
Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 41.8 23.6 43.8



#5
Vinyl chloride
Concen: 26.305 ug/L
RT: 1.320 min Scan# 87
Delta R.T. -0.003 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion: 62 Resp: 458969
Ion Ratio Lower Upper
62 100
64 32.8 23.2 43.2

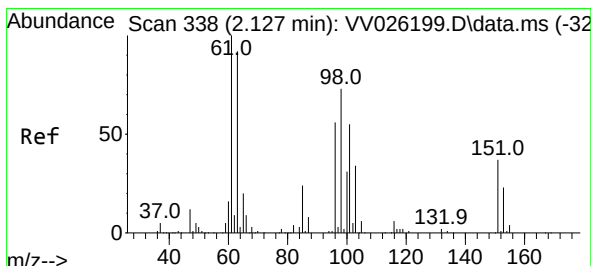
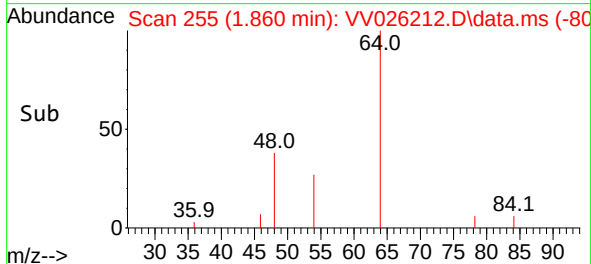
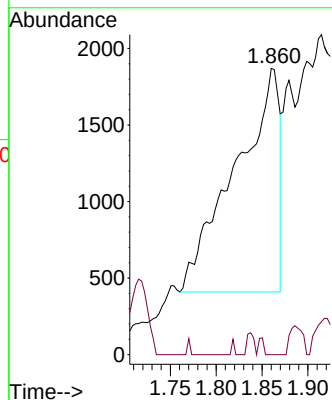
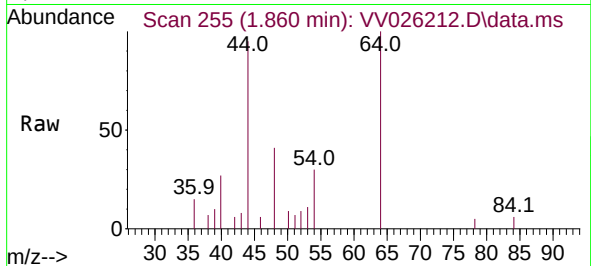




#8
Chloroethane
Concen: 0.447 ug/L
RT: 1.860 min Scan# 21
Delta R.T. 0.264 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

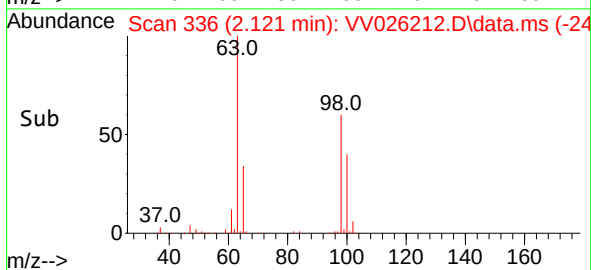
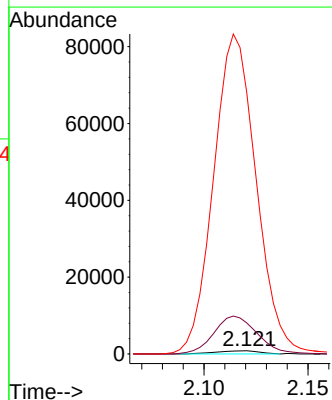
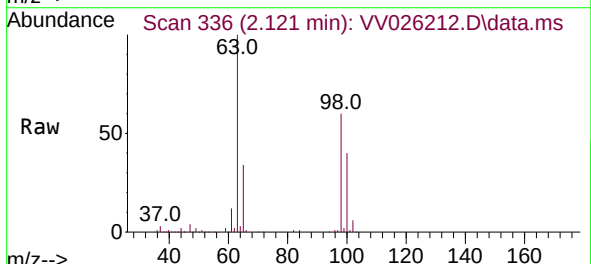
Instrument :
MSVOA_V
ClientSampleId :

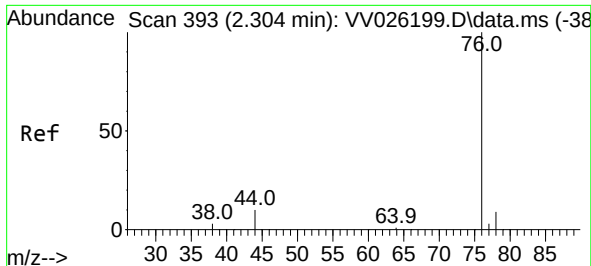
Tgt Ion: 64 Resp: 4870
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#



#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.007 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 987.7 120.5 223.7#
63 8310.6 129.3 240.1#





#14

Carbon disulfide

Concen: 0.224 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.000 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Instrument :

MSVOA_V

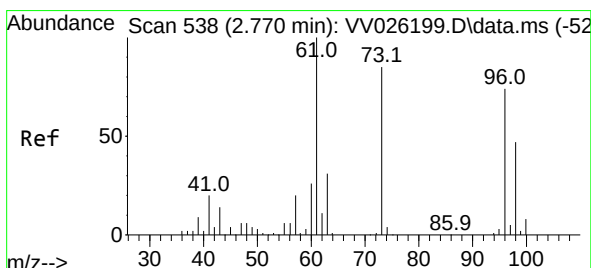
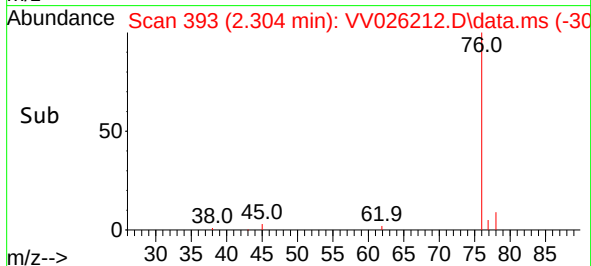
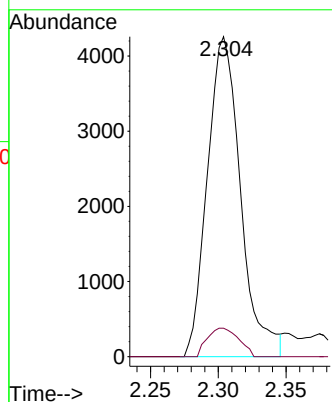
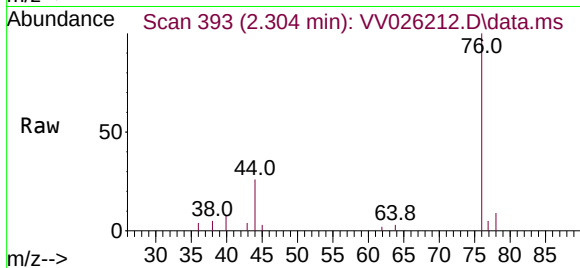
ClientSampleId :

Tgt Ion: 76 Resp: 7258

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



#18

trans-1,2-Dichloroethene

Concen: 0.215 ug/L

RT: 2.770 min Scan# 538

Delta R.T. -0.000 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

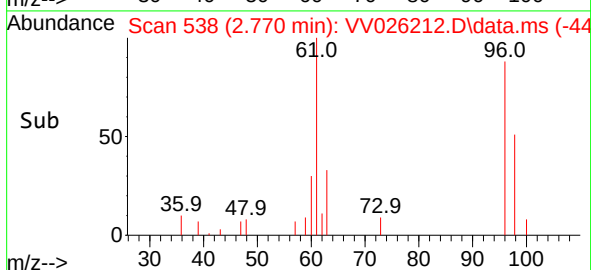
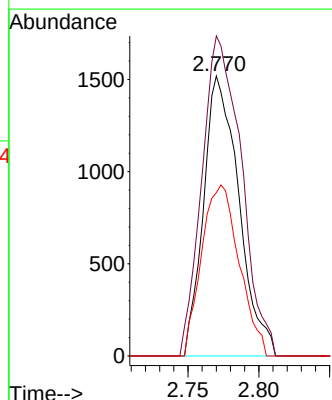
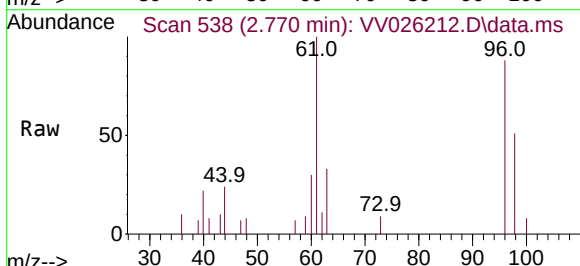
Tgt Ion: 96 Resp: 2629

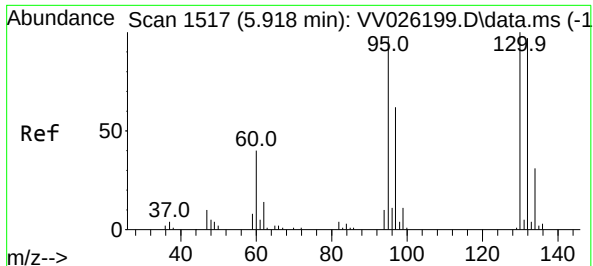
Ion Ratio Lower Upper

96 100

61 114.3 93.5 173.7

98 58.3 44.7 83.1



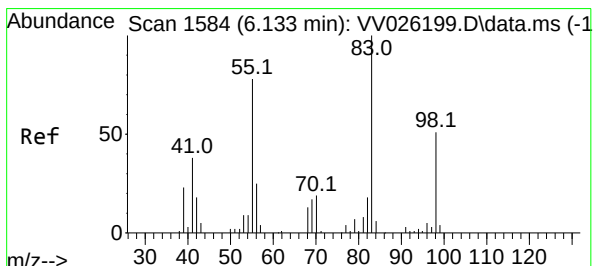
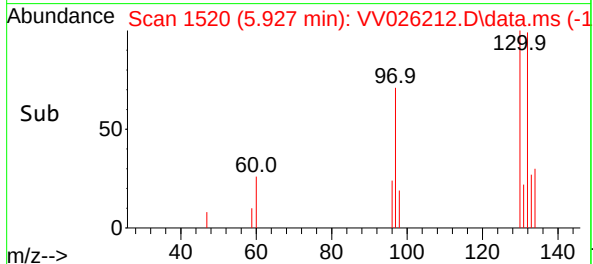
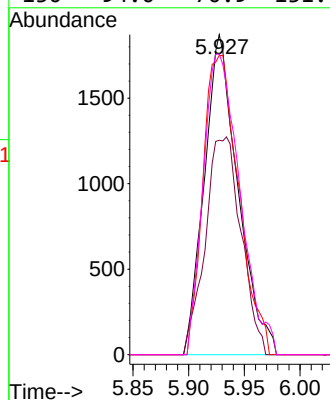
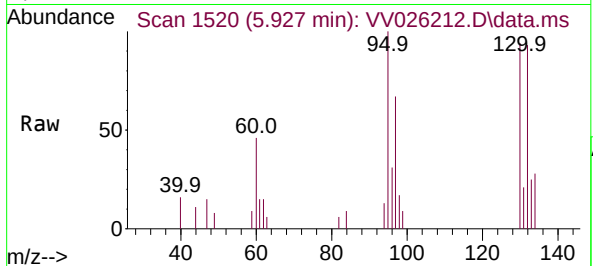


#34
Trichloroethene
Concen: 0.297 ug/L
RT: 5.927 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 3926

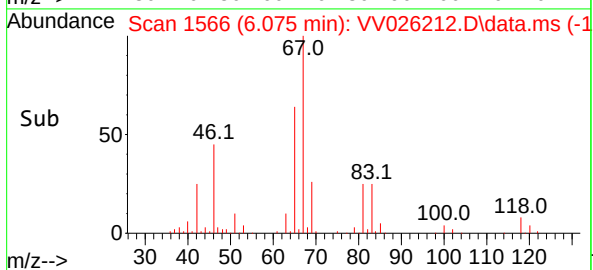
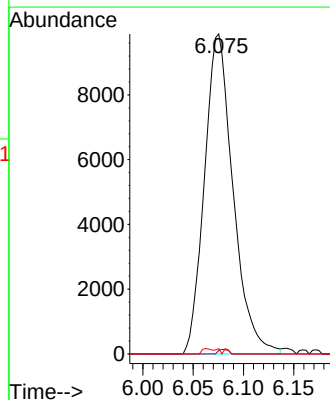
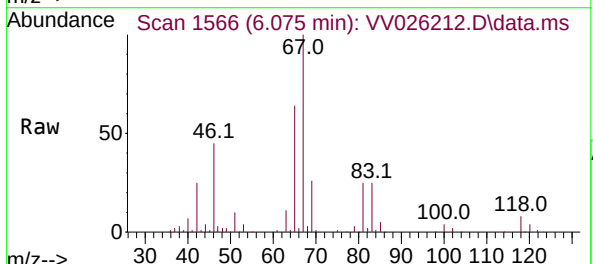
Ion	Ratio	Lower	Upper
95	100		
97	67.0	43.3	80.3
132	93.5	67.5	125.4
130	94.0	70.9	131.7

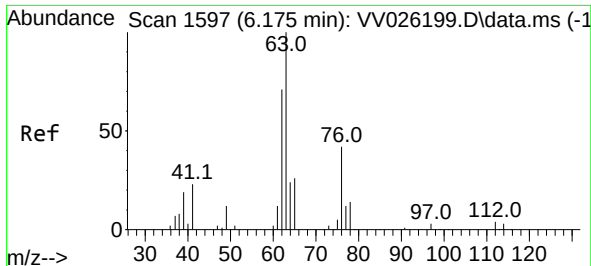


#35
Methylcyclohexane
Concen: 1.095 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion: 83 Resp: 19586

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.5	89.3#
98	0.3	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.688 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Instrument :

MSVOA_V

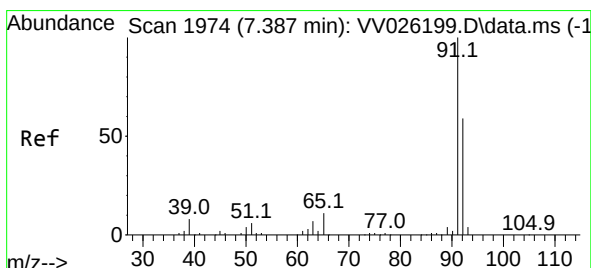
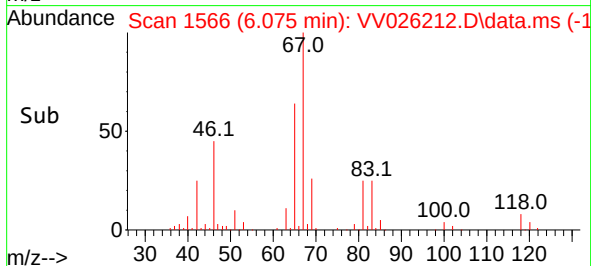
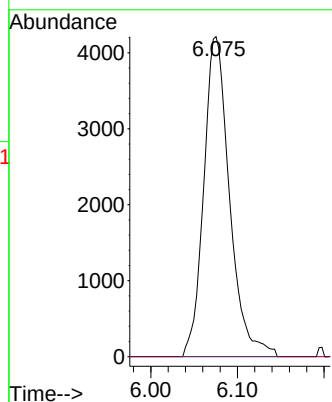
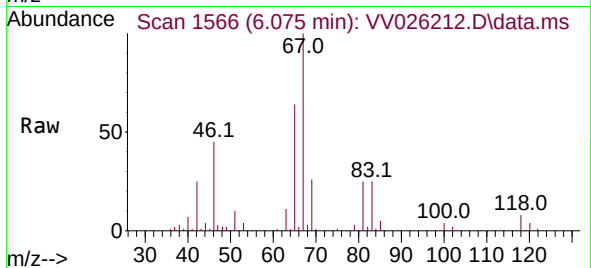
ClientSampleId :

Tgt Ion: 63 Resp: 8737

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#42

Toluene

Concen: 0.321 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV026212.D

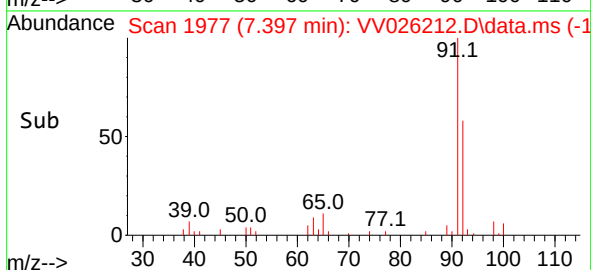
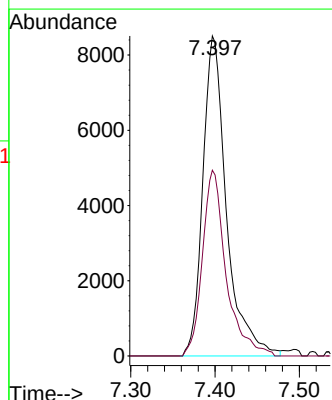
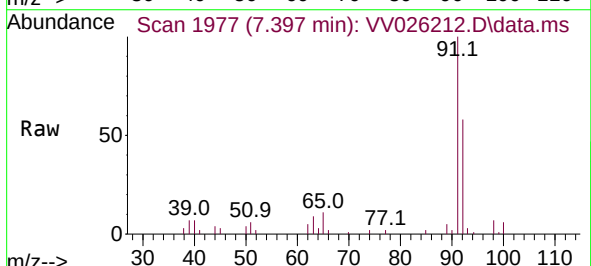
Acq: 13 Jun 2022 16:22

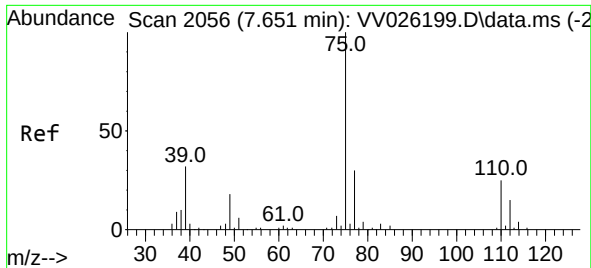
Tgt Ion: 91 Resp: 16638

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9

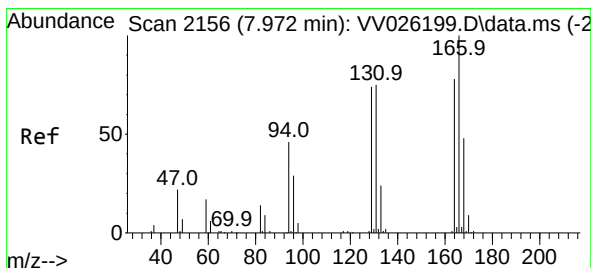
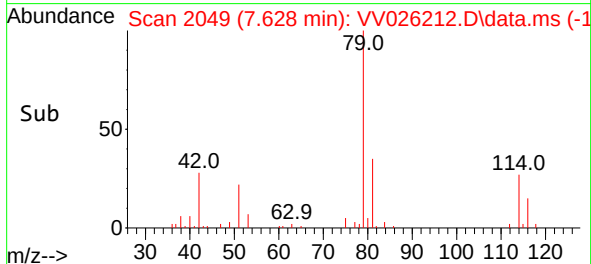
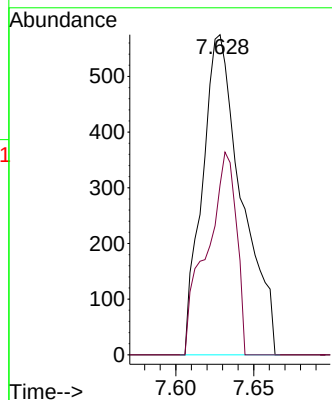
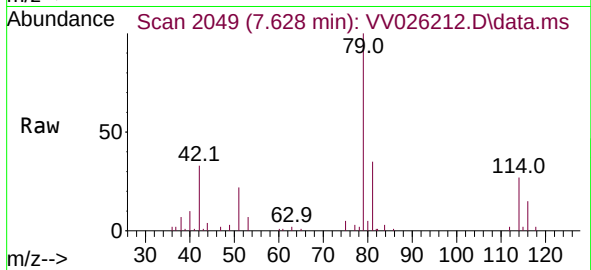




#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.628 min Scan# 2056
Delta R.T. -0.023 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

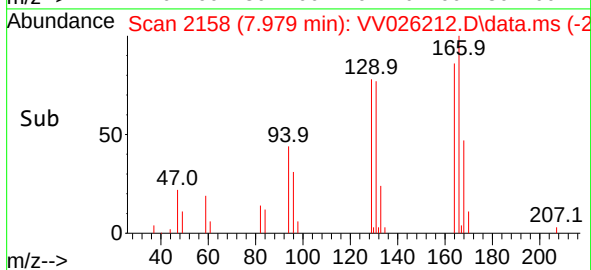
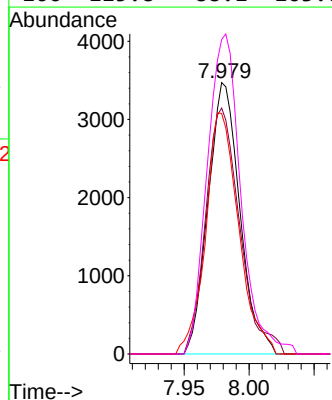
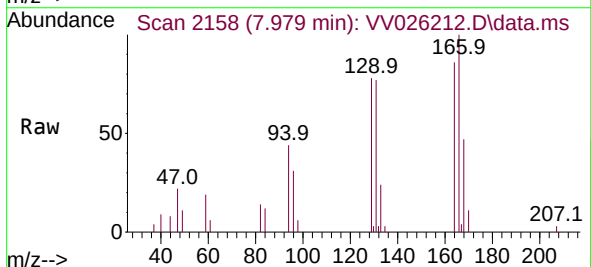
Instrument :
MSVOA_V
ClientSampleId :

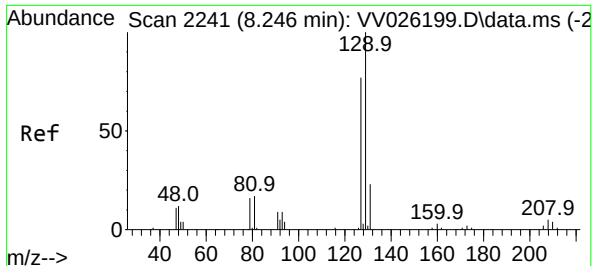
Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
77 53.0 22.3 41.3#



#47
Tetrachloroethene
Concen: 0.622 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion:164 Resp: 5905
Ion Ratio Lower Upper
164 100
129 90.6 66.1 122.7
131 88.6 65.0 120.6
166 115.8 88.1 163.7





#49

Dibromochloromethane

Concen: 0.653 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026212.D

Acq: 13 Jun 2022 16:22

Instrument :

MSVOA_V

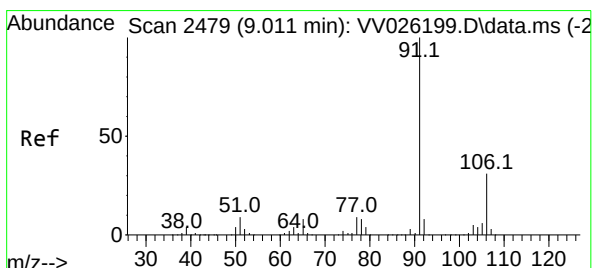
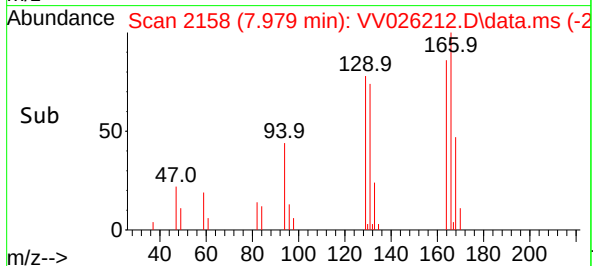
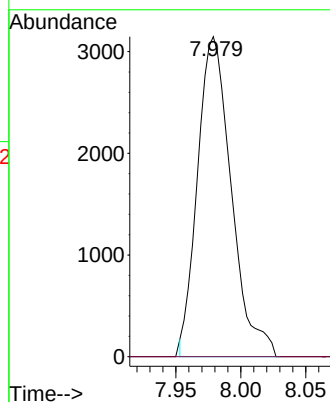
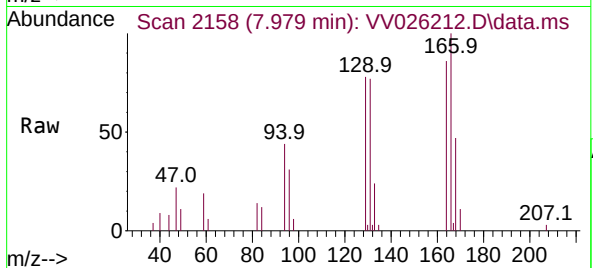
ClientSampleId :

Tgt Ion:129 Resp: 5691

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#52

Ethylbenzene

Concen: 0.047 ug/L

RT: 9.024 min Scan# 2483

Delta R.T. 0.013 min

Lab File: VV026212.D

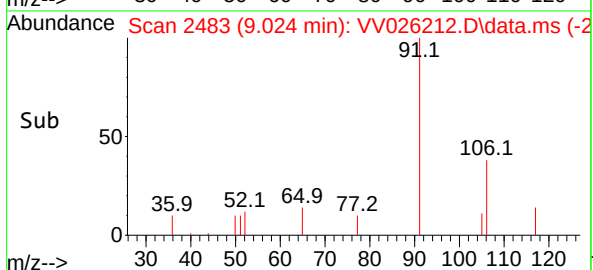
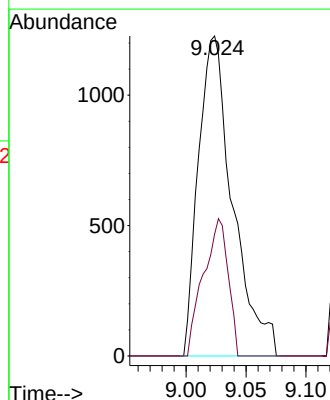
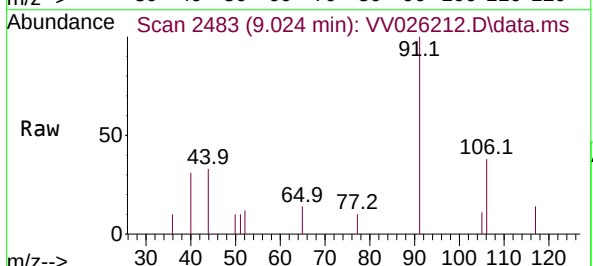
Acq: 13 Jun 2022 16:22

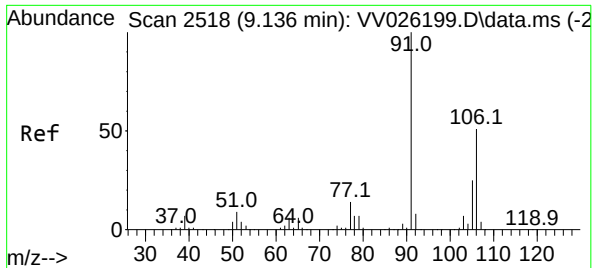
Tgt Ion: 91 Resp: 2437

Ion Ratio Lower Upper

91 100

106 38.1 22.3 41.3

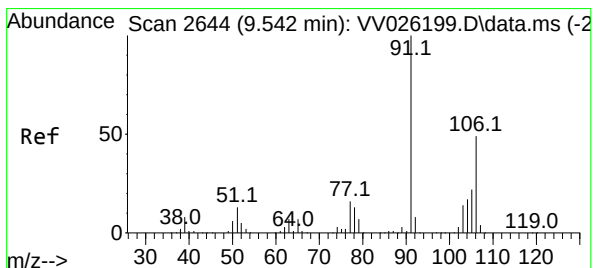
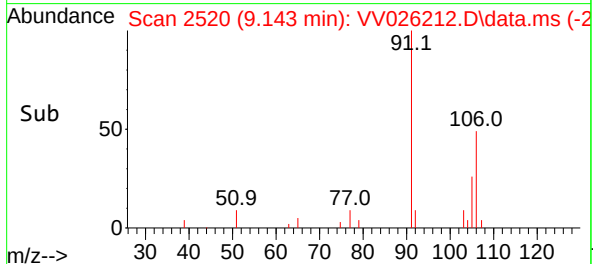
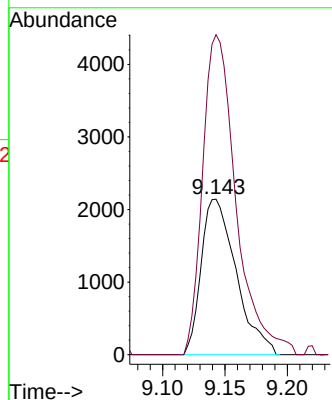
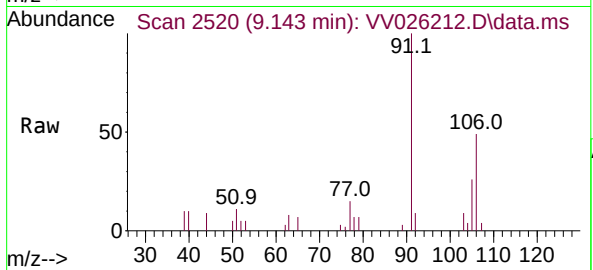




#53
m,p-Xylene
Concen: 0.212 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

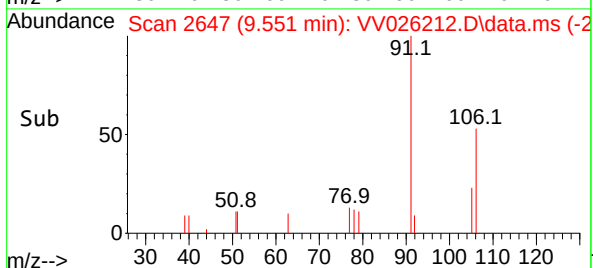
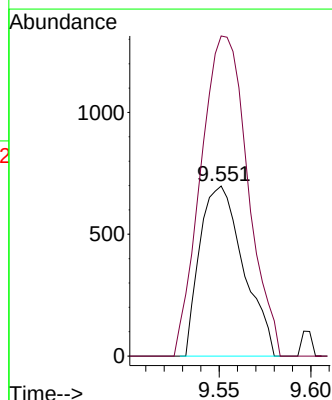
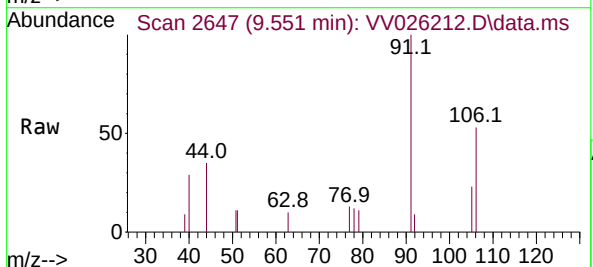
Instrument :
MSVOA_V
ClientSampleId :

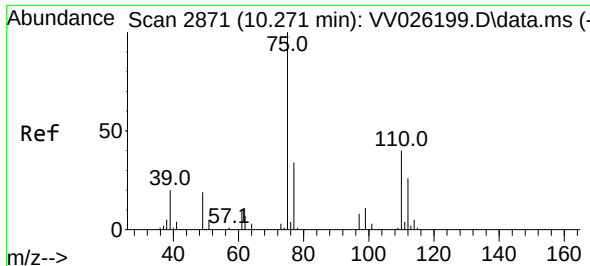
Tgt Ion:106 Resp: 4182
Ion Ratio Lower Upper
106 100
91 205.8 142.0 263.8



#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.010 min
Lab File: VV026212.D
Acq: 13 Jun 2022 16:22

Tgt Ion:106 Resp: 1152
Ion Ratio Lower Upper
106 100
91 188.3 149.0 276.6

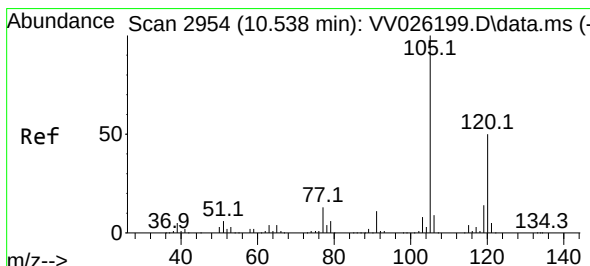
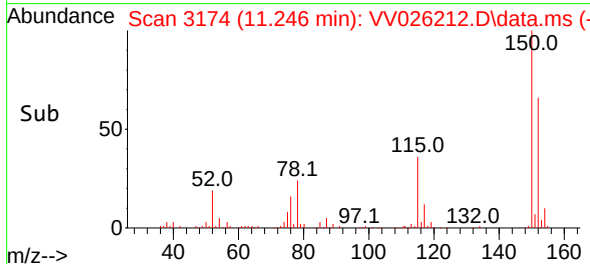
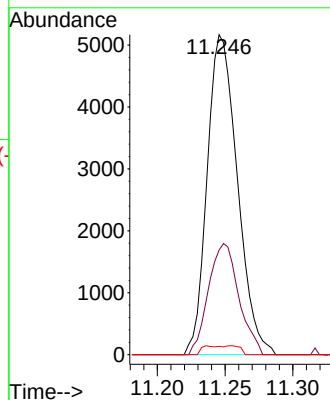
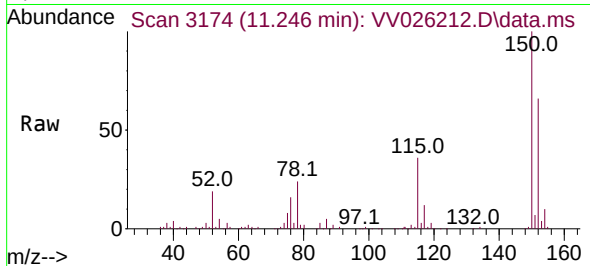




#61
 1,2,3-Trichloropropane
 Concen: 1.501 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026212.D
 Acq: 13 Jun 2022 16:22

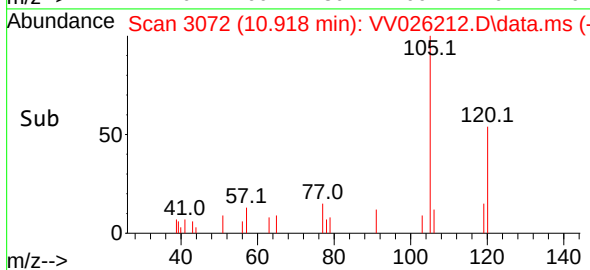
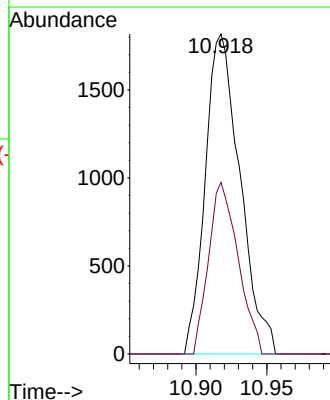
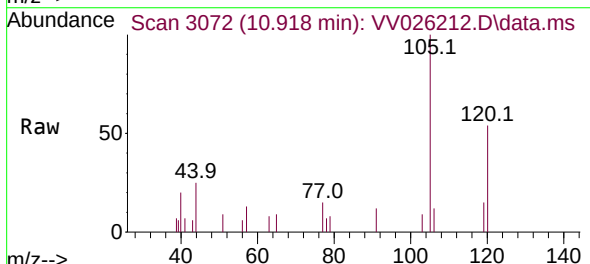
Instrument :
 MSVOA_V
 ClientSampleId :

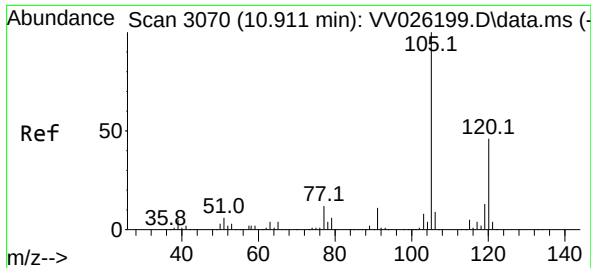
Tgt Ion: 75 Resp: 8009
 Ion Ratio Lower Upper
 75 100
 77 34.9 27.8 41.8
 110 1.2 33.0 49.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.086 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV026212.D
 Acq: 13 Jun 2022 16:22

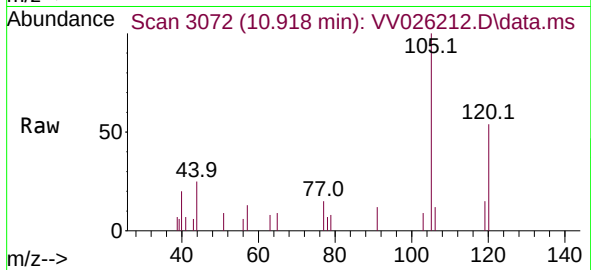
Tgt Ion: 105 Resp: 3101
 Ion Ratio Lower Upper
 105 100
 120 45.5 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.088 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV026212.D
 Acq: 13 Jun 2022 16:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 3101
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.9 55.3

