

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026339.D
 Acq On : 16 Jun 2022 17:44
 Operator : SY/MD
 Sample : N3318-08 400X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ62

Quant Time: Jun 17 05:23:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	200195	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	189838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	69493	3.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.580	69	58639	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.121	63	97660	3.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.928	46	87914	51.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.640%
24) Chloroform-d	4.362	84	122039	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.043	65	49658	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.059	84	237023	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.075	67	72494	4.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.320	98	189927	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	18288	3.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	63309	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42181	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	60670	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	732	0.044	ug/L	100
6) Bromomethane	1.542	94	598	0.062	ug/L	99
12) 1,1-Dichloroethene	2.117	96	1064	0.084	ug/L #	1
16) Methylene chloride	2.526	84	7903	0.490	ug/L	95
19) 1,1-Dichloroethane	3.201	63	1460	0.062	ug/L	87
25) Chloroform	4.384	83	2315	0.091	ug/L	91
35) Methylcyclohexane	6.075	83	17786	0.968	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7696	0.605	ug/L #	88
39) cis-1,3-Dichloropropene	6.985	75	1483	0.102	ug/L #	75
44) trans-1,3-Dichloropropene	7.628	75	1051	0.091	ug/L	86
49) Dibromochloromethane	7.976	129	294	0.032	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	346	0.070	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.545	105	1072	0.033	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.648	75	241	0.274	ug/L #	3
69) 1,3,5-Trichlorobenzene	12.648	180	1582	0.109	ug/L	95
70) 1,2,4-Trichlorobenzene	13.268	180	1739	0.163	ug/L #	92
71) Naphthalene	13.509	128	3882	0.262	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.744	180	1644	0.184	ug/L	93

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 05:16:46 2022
Response via : Initial Calibration

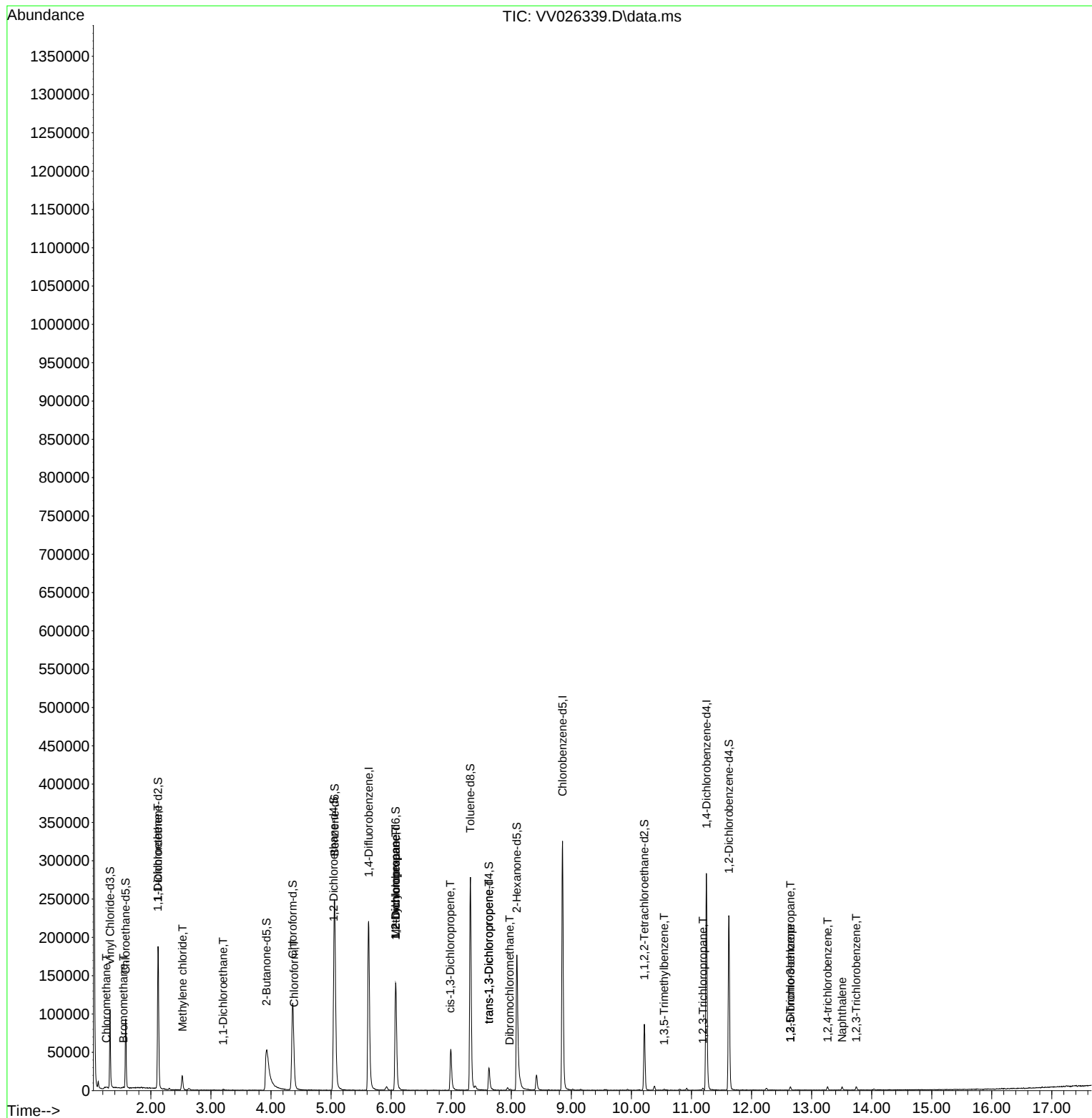
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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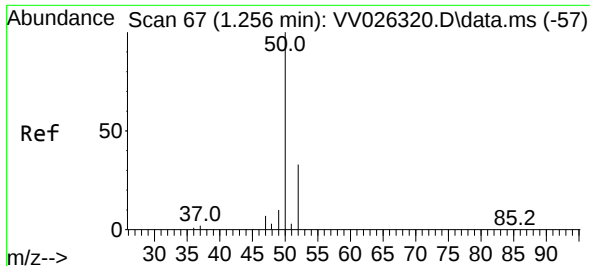
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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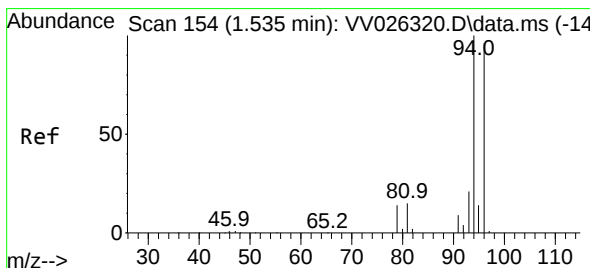
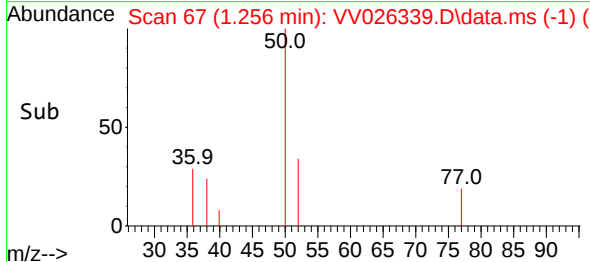
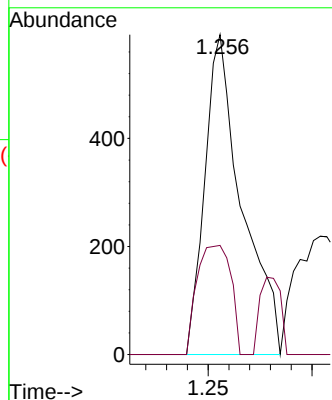
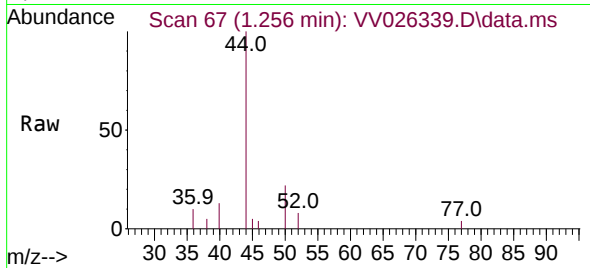




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026339.D
Acq: 16 Jun 2022 17:44

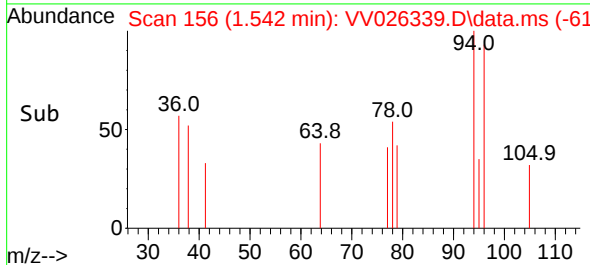
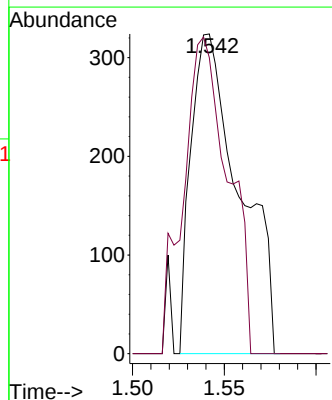
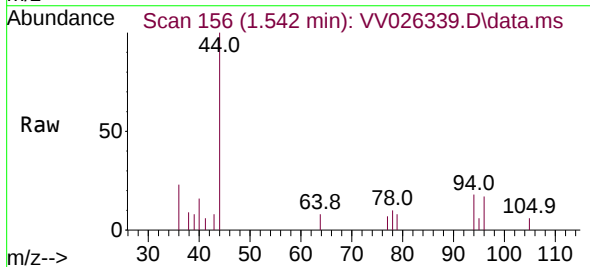
Instrument :
MSVOA_V
ClientSampleId :
BGJ62

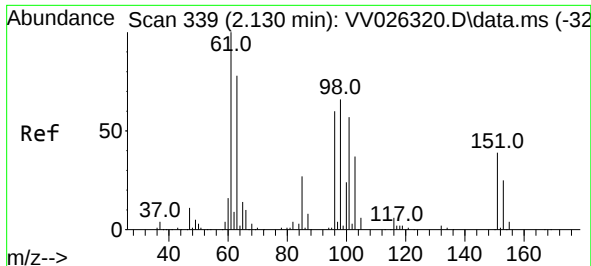
Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 34.1 23.7 44.1



#6
Bromomethane
Concen: 0.062 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026339.D
Acq: 16 Jun 2022 17:44

Tgt Ion: 94 Resp: 598
Ion Ratio Lower Upper
94 100
96 92.6 65.7 121.9





#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV026339.D

Acq: 16 Jun 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

BGJ62

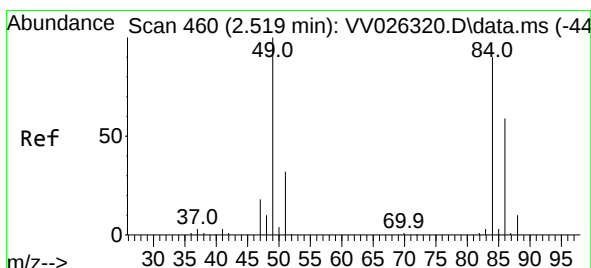
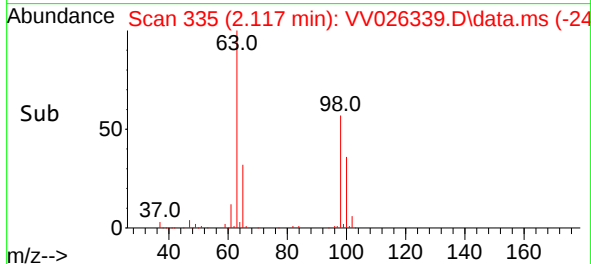
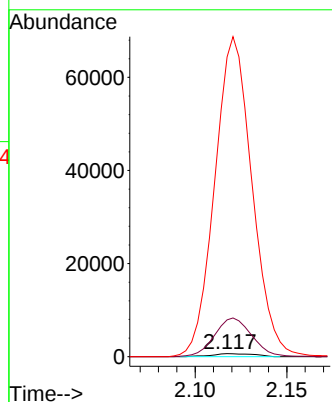
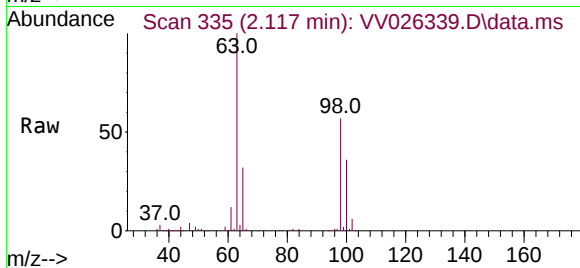
Tgt Ion: 96 Resp: 1064

Ion Ratio Lower Upper

96 100

61 1192.8 117.1 217.5#

63 9694.0 92.8 172.4#



#16

Methylene chloride

Concen: 0.490 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.006 min

Lab File: VV026339.D

Acq: 16 Jun 2022 17:44

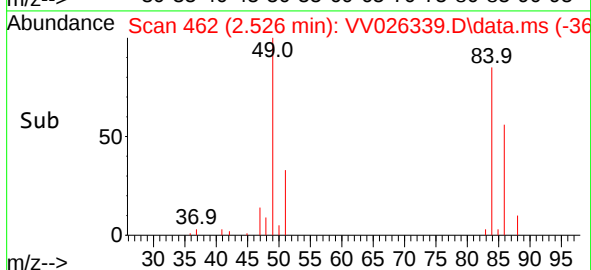
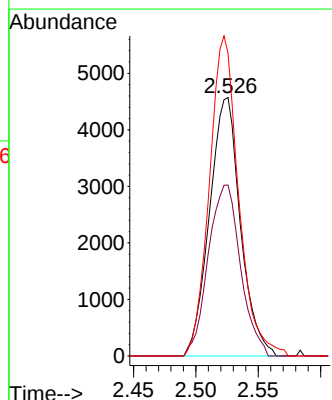
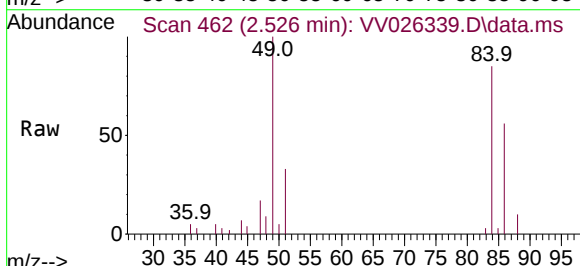
Tgt Ion: 84 Resp: 7903

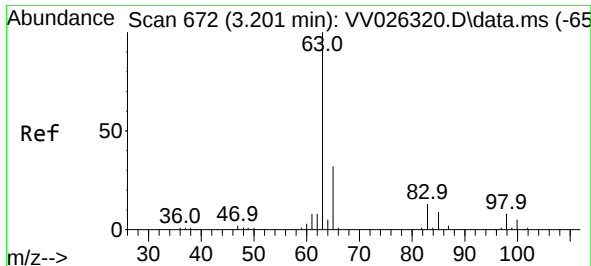
Ion Ratio Lower Upper

84 100

86 66.1 44.0 81.8

49 117.1 77.3 143.7





#19

1,1-Dichloroethane

Concen: 0.062 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV026339.D

Acq: 16 Jun 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

BGJ62

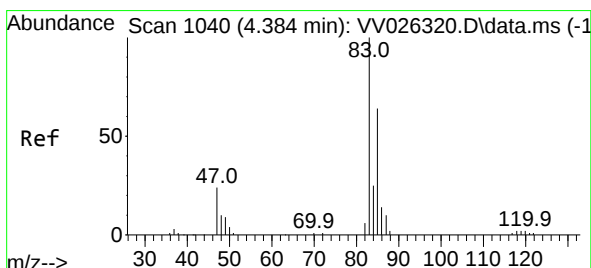
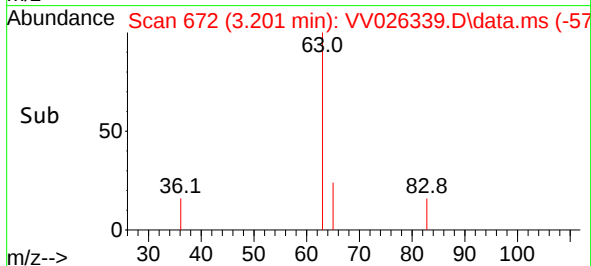
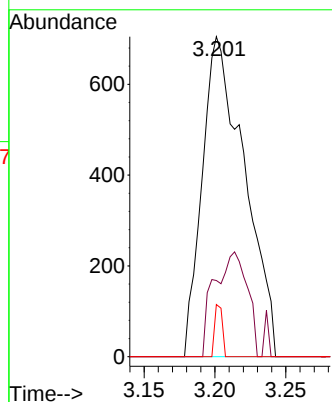
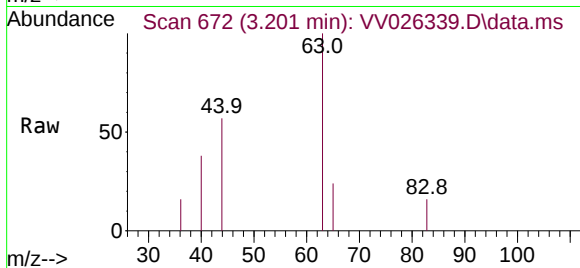
Tgt Ion: 63 Resp: 1460

Ion Ratio Lower Upper

63 100

65 23.8 22.3 41.3

83 16.3 8.9 16.5



#25

Chloroform

Concen: 0.091 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VV026339.D

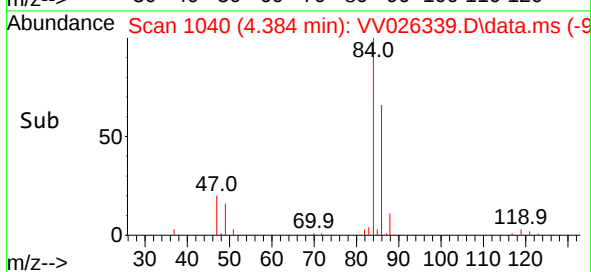
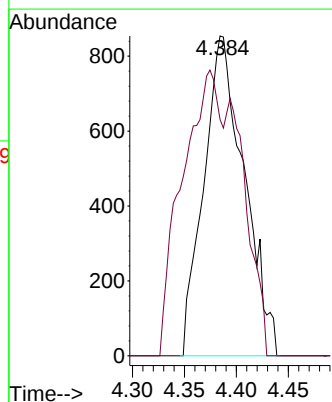
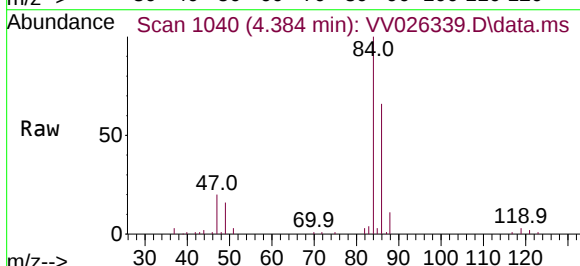
Acq: 16 Jun 2022 17:44

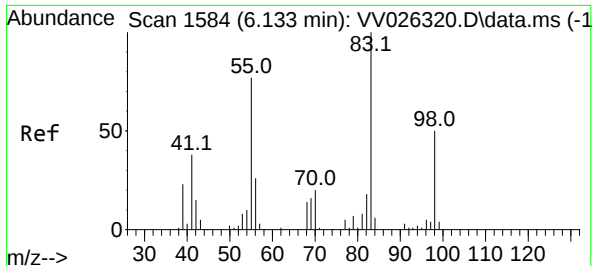
Tgt Ion: 83 Resp: 2315

Ion Ratio Lower Upper

83 100

85 73.9 46.5 86.3





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV026339.D

Acq: 16 Jun 2022 17:44

Instrument :

MSVOA_V

ClientSampleId :

BGJ62

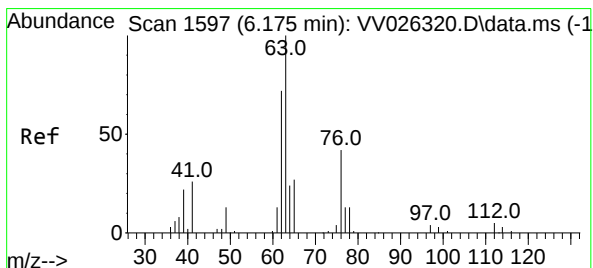
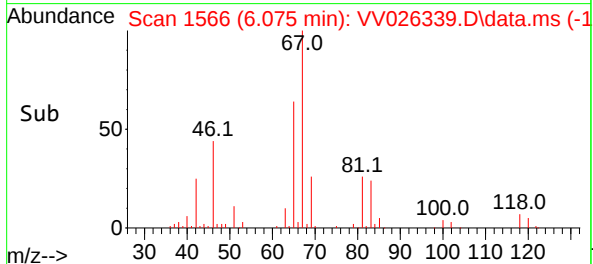
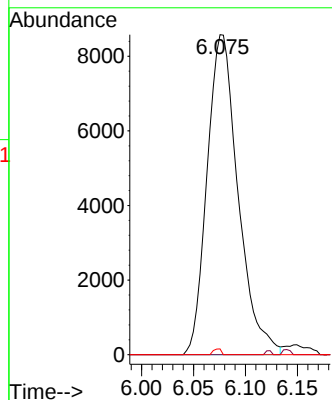
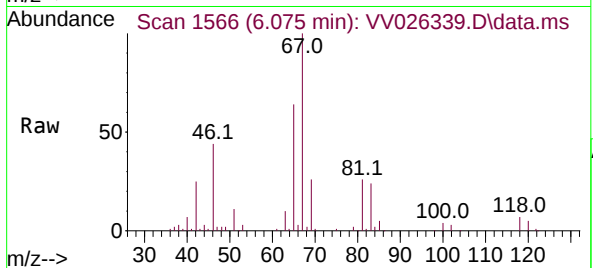
Tgt Ion: 83 Resp: 17786

Ion Ratio Lower Upper

83 100

55 0.2 59.3 88.9#

98 0.4 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.096 min

Lab File: VV026339.D

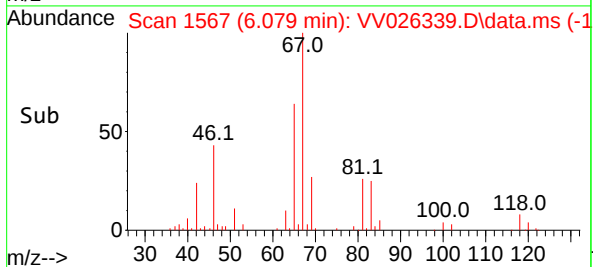
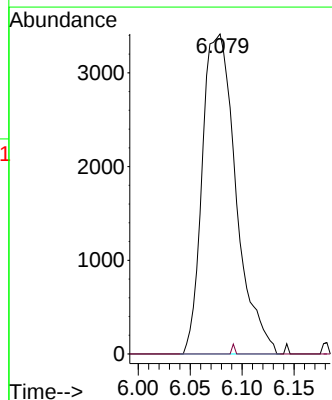
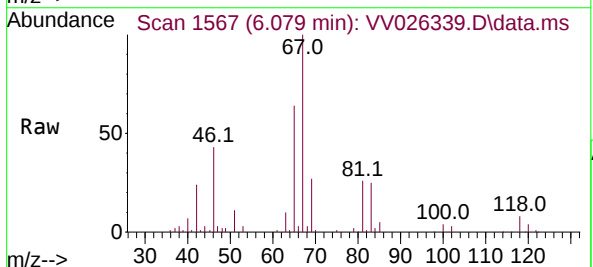
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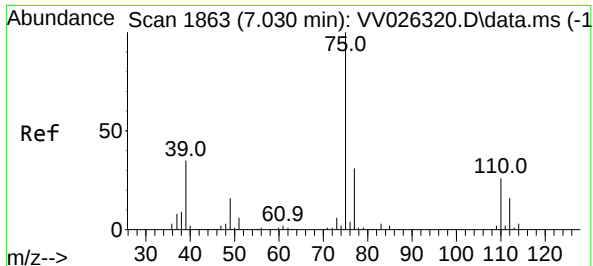
Tgt Ion: 63 Resp: 7696

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

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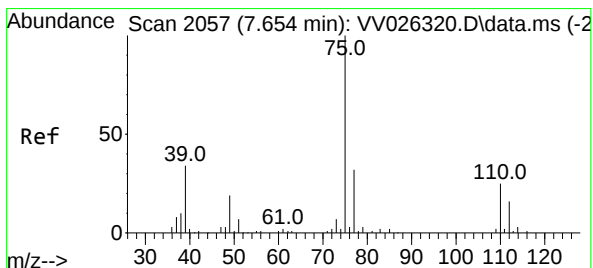
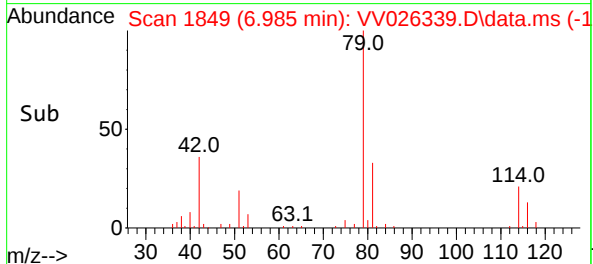
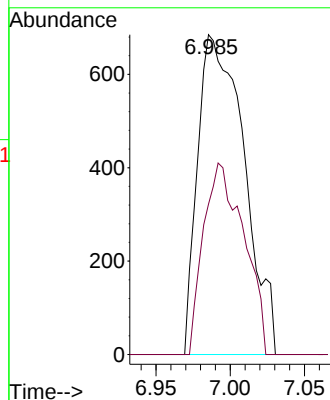
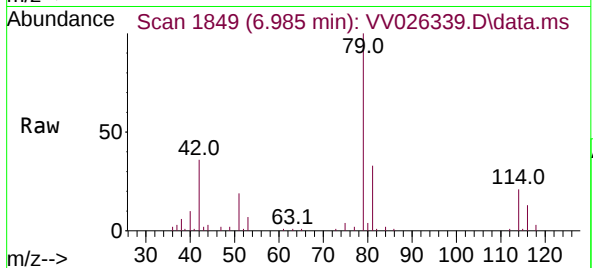
BGJ62

Tgt Ion: 75 Resp: 1483

Ion Ratio Lower Upper

75 100

77 47.0 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026339.D

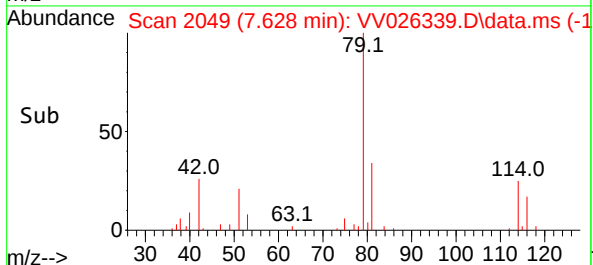
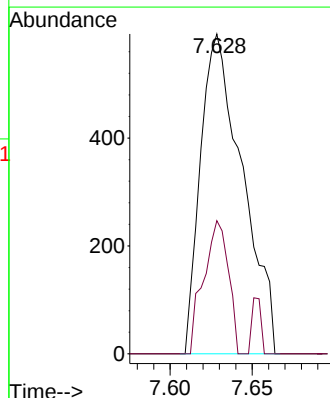
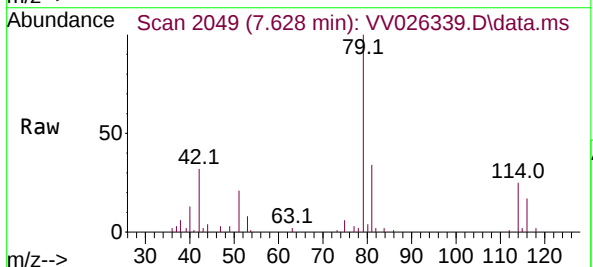
Acq: 16 Jun 2022 17:44

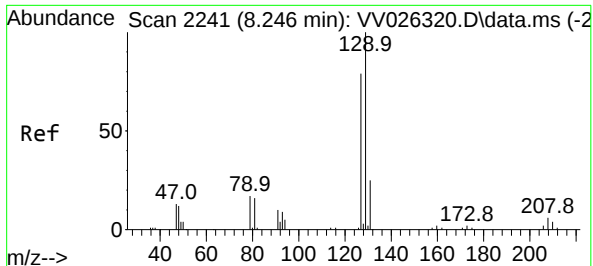
Tgt Ion: 75 Resp: 1051

Ion Ratio Lower Upper

75 100

77 41.7 23.7 43.9





#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026339.D

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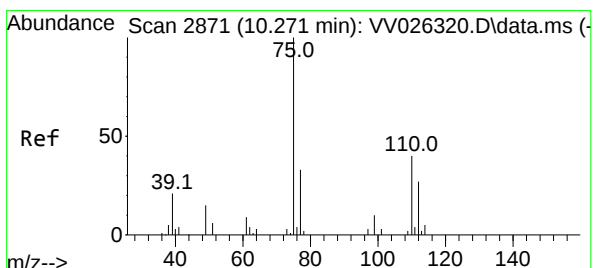
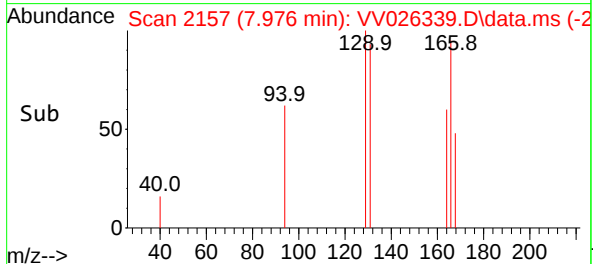
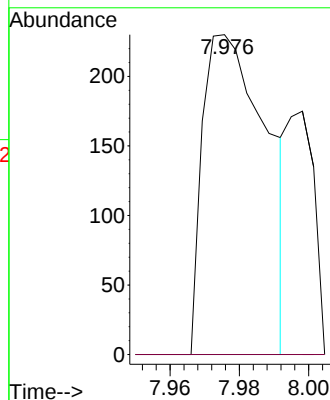
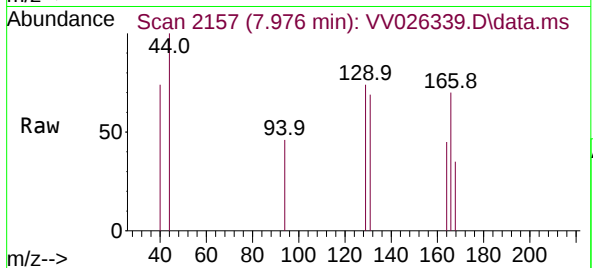
BGJ62

Tgt Ion:129 Resp: 294

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 0.070 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.920 min

Lab File: VV026339.D

Acq: 16 Jun 2022 17:44

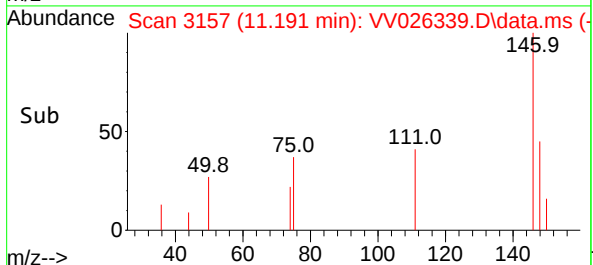
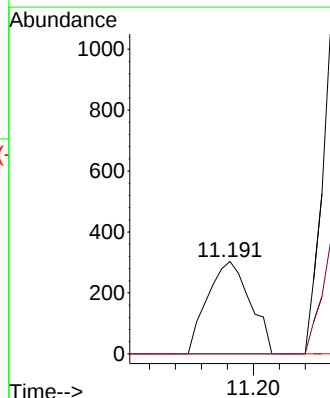
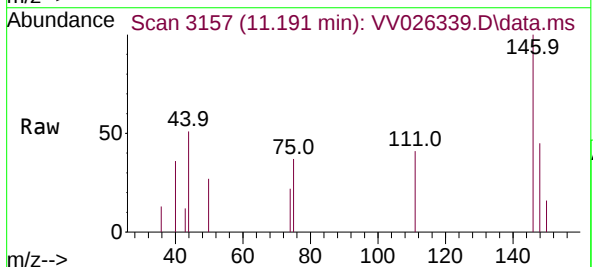
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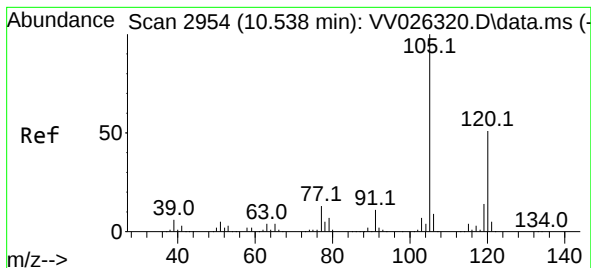
Ion Ratio Lower Upper

75 100

77 39.9 26.9 40.3

110 0.0 30.7 46.1#

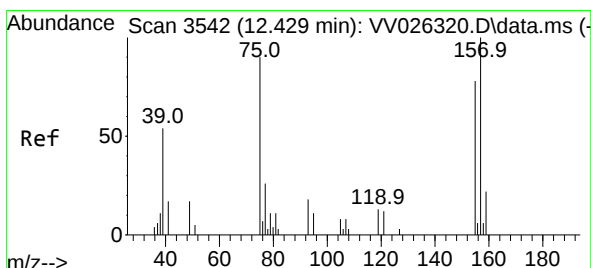
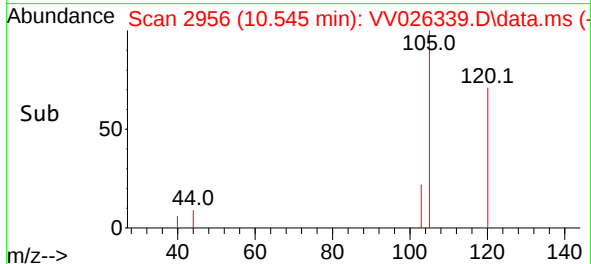
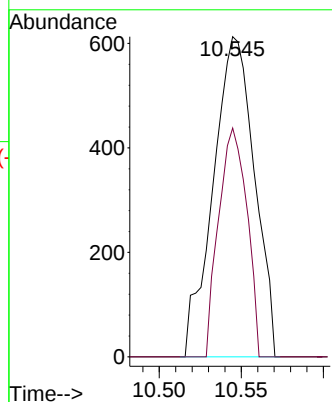
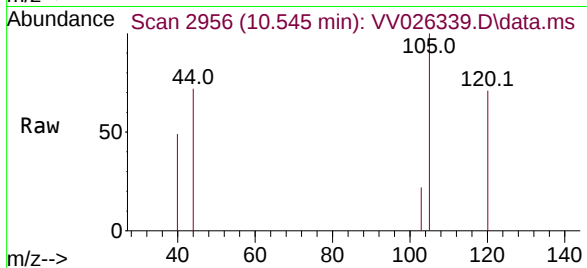




#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.545 min Scan# 2954
 Delta R.T. 0.006 min
 Lab File: VV026339.D
 Acq: 16 Jun 2022 17:44

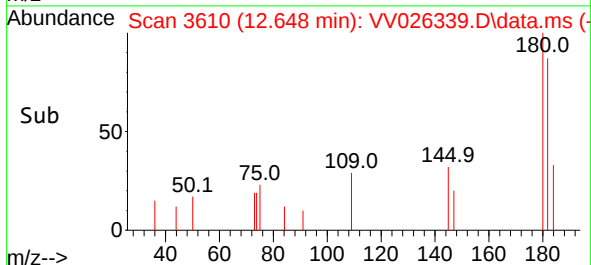
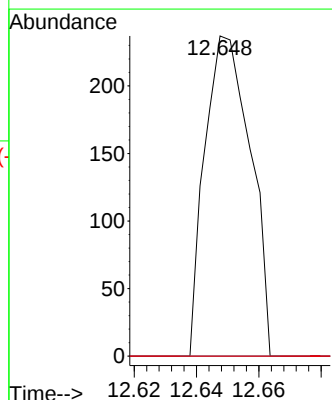
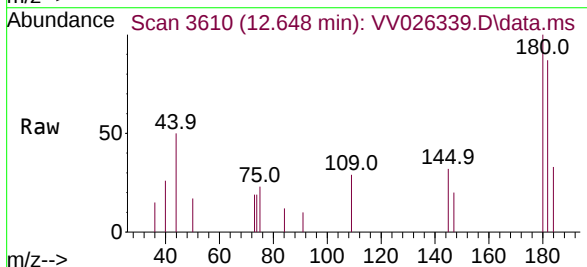
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ62

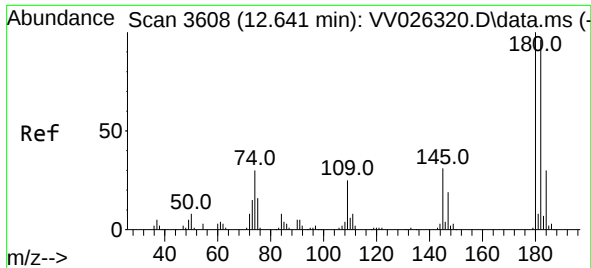
Tgt Ion:105 Resp: 1072
 Ion Ratio Lower Upper
 105 100
 120 48.7 39.9 59.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.274 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.219 min
 Lab File: VV026339.D
 Acq: 16 Jun 2022 17:44

Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

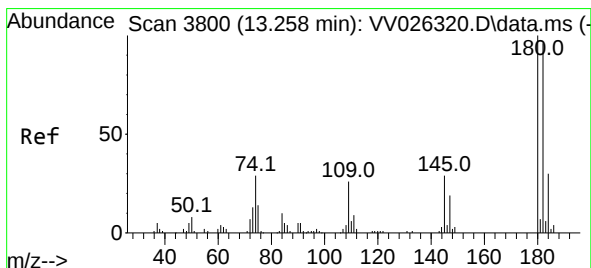
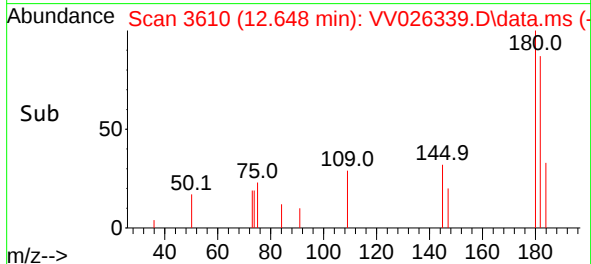
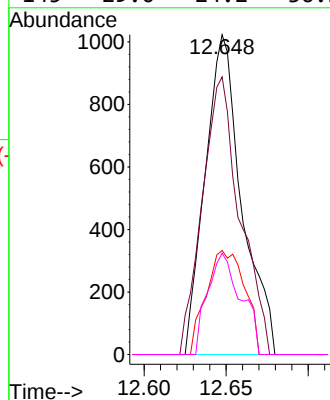
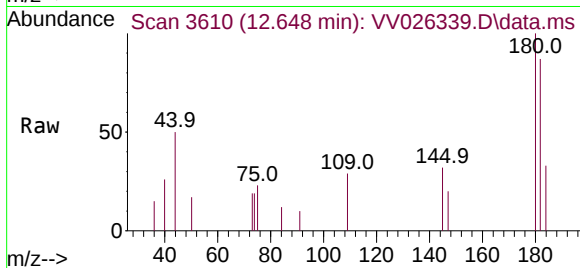




#69
 1,3,5-Trichlorobenzene
 Concen: 0.109 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.006 min
 Lab File: VV026339.D
 Acq: 16 Jun 2022 17:44

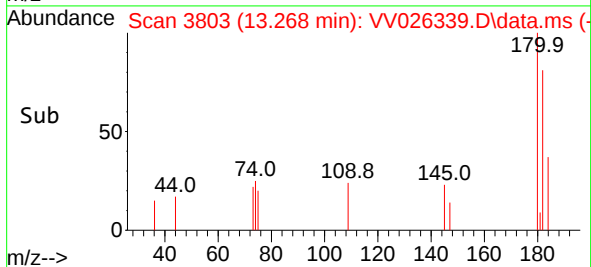
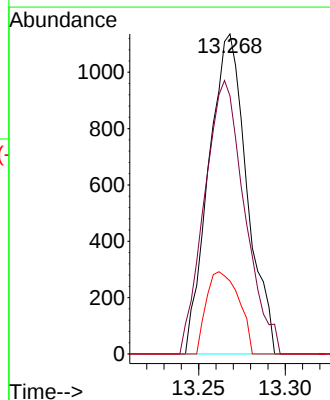
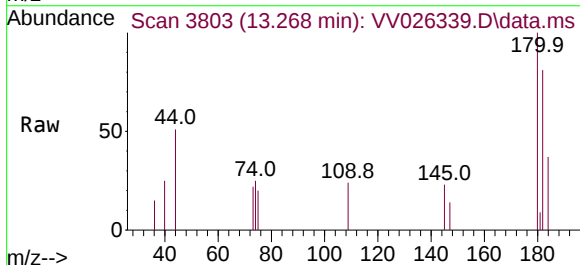
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ62

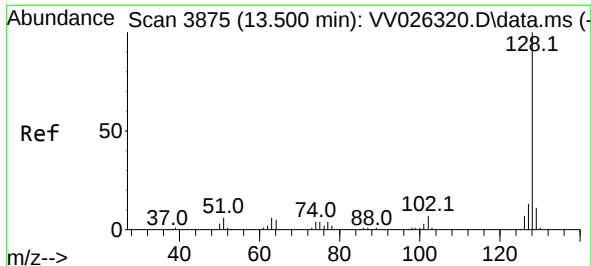
Tgt Ion:180	Resp:	1582
Ion	Ratio	Lower Upper
180	100	
182	89.3	75.5 113.3
184	34.3	23.7 35.5
145	29.0	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.163 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.010 min
 Lab File: VV026339.D
 Acq: 16 Jun 2022 17:44

Tgt Ion:180	Resp:	1739
Ion	Ratio	Lower Upper
180	100	
182	90.0	76.2 114.2
145	21.8	23.9 35.9

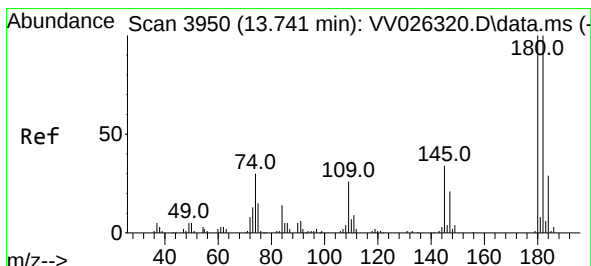
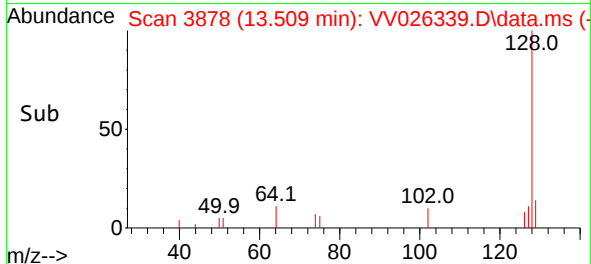
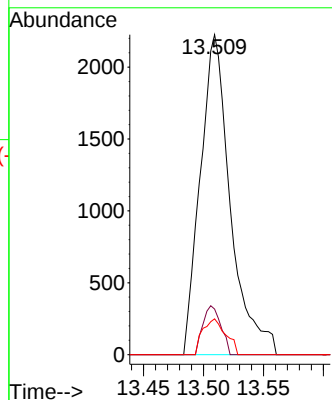
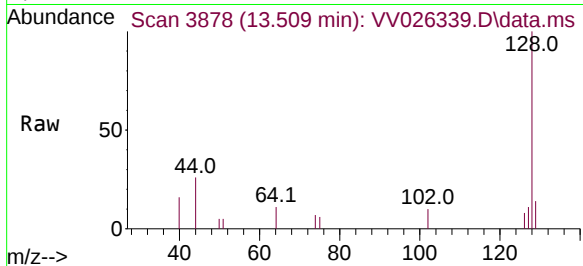




#71
Naphthalene
Concen: 0.262 ug/L
RT: 13.509 min Scan# 3875
Delta R.T. 0.010 min
Lab File: VV026339.D
Acq: 16 Jun 2022 17:44

Instrument :
MSVOA_V
ClientSampleId :
BGJ62

Tgt Ion:128 Resp: 3882
Ion Ratio Lower Upper
128 100
129 9.1 8.7 13.1
127 8.6 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.184 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026339.D
Acq: 16 Jun 2022 17:44

Tgt Ion:180 Resp: 1644
Ion Ratio Lower Upper
180 100
182 92.2 77.9 116.9
145 26.8 26.7 40.1

