

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026343.D
 Acq On : 16 Jun 2022 19:17
 Operator : SY/MD
 Sample : V3320-05 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ79

Quant Time: Jun 17 05:24:28 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	192774	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67931	4.057	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.581	69	59035	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.118	63	98325	3.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.918	46	90220	55.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.440%
24) Chloroform-d	4.362	84	121122	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.043	65	50584	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.060	84	234857	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.076	67	71605	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.320	98	187067	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.629	79	18395	3.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.092	63	62131	44.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44111	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60046	5.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	771	0.048	ug/L	88
5) Vinyl chloride	1.323	62	4236	0.255	ug/L #	75
6) Bromomethane	1.536	94	532	0.057	ug/L	96
8) Chloroethane	1.600	64	1693	0.164	ug/L	87
12) 1,1-Dichloroethene	2.124	96	1819	0.149	ug/L #	1
16) Methylene chloride	2.523	84	8016	0.516	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	1055	0.050	ug/L #	87
18) trans-1,2-Dichloroethene	2.777	96	900	0.076	ug/L	79
19) 1,1-Dichloroethane	3.211	63	6145	0.273	ug/L	99
22) cis-1,2-Dichloroethene	3.931	96	14362	1.202	ug/L	91
27) 1,2-Dichloroethane	5.063	62	1257	0.113	ug/L #	71
34) Trichloroethene	5.931	95	2582	0.203	ug/L	94
35) Methylcyclohexane	6.076	83	17186	0.975	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7478	0.613	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1375	0.099	ug/L #	59
44) trans-1,3-Dichloropropene	7.625	75	824	0.074	ug/L	100
49) Dibromochloromethane	7.982	129	268	0.030	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	8222	1.715	ug/L #	66

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
Data File : VV026343.D
Acq On : 16 Jun 2022 19:17
Operator : SY/MD
Sample : V3320-05 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ79

Quant Time: Jun 17 05:24:28 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

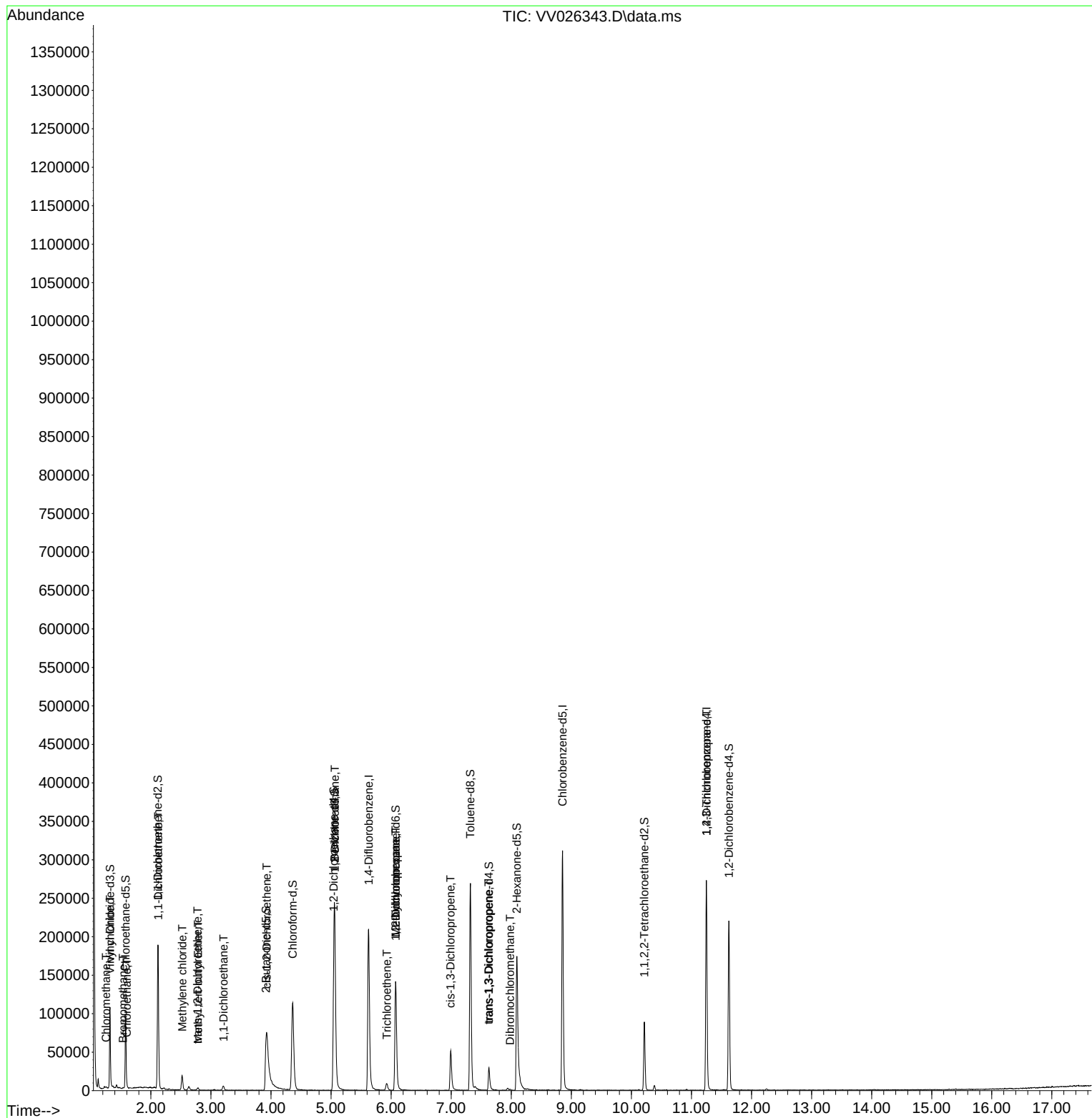
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

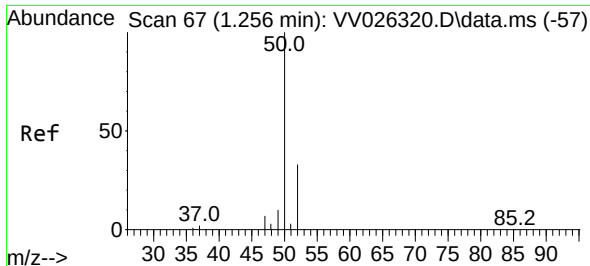
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
Data File : VV026343.D
Acq On : 16 Jun 2022 19:17
Operator : SY/MD
Sample : V3320-05 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ79

Quant Time: Jun 17 05:24:28 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

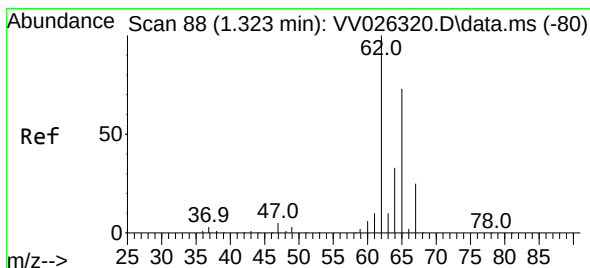
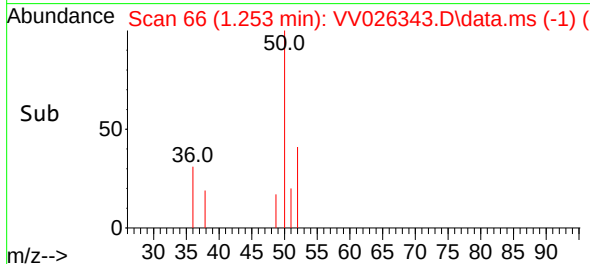
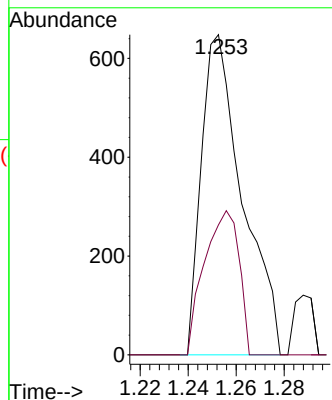
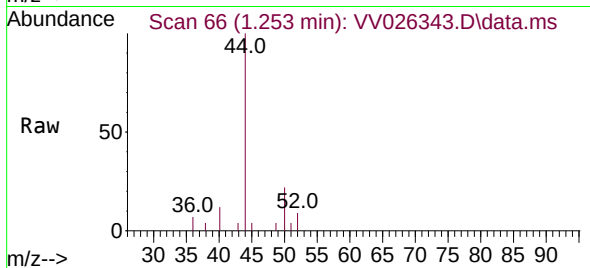




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.253 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

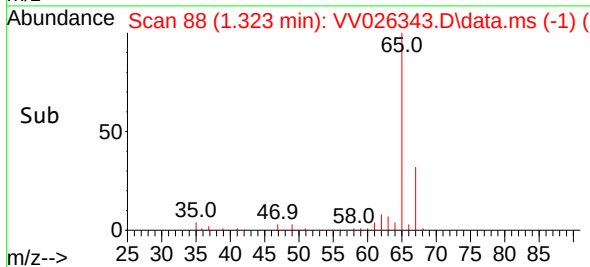
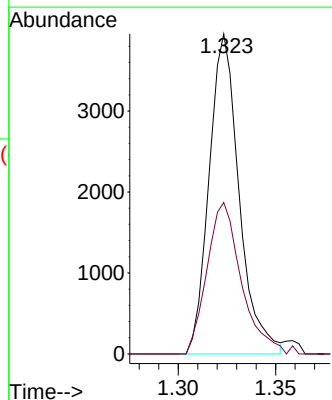
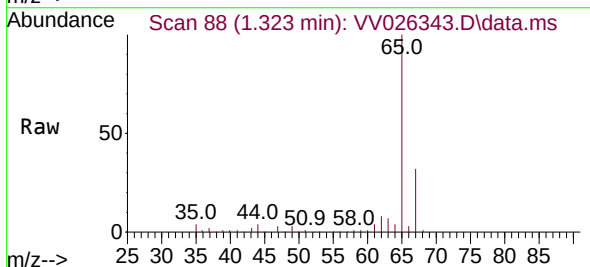
Instrument :
MSVOA_V
ClientSampleId :
BGJ79

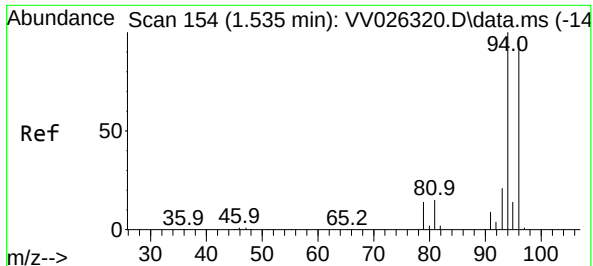
Tgt Ion: 50 Resp: 771
Ion Ratio Lower Upper
50 100
52 40.6 23.7 44.1



#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.000 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

Tgt Ion: 62 Resp: 4236
Ion Ratio Lower Upper
62 100
64 47.4 23.2 43.2#

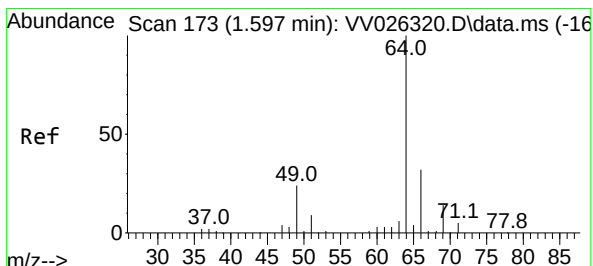
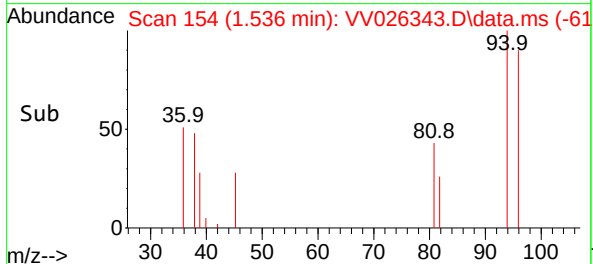
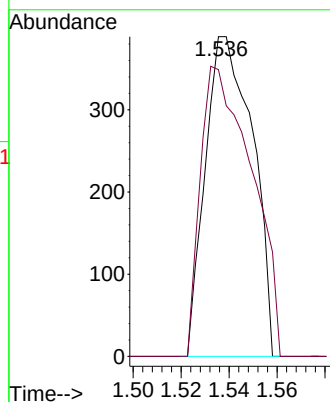
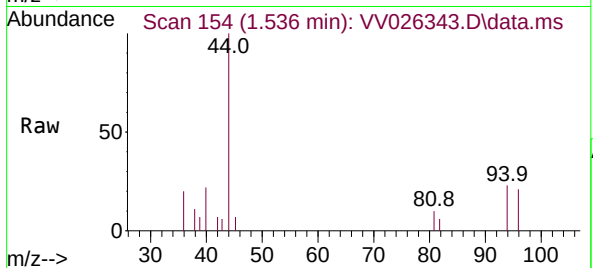




#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

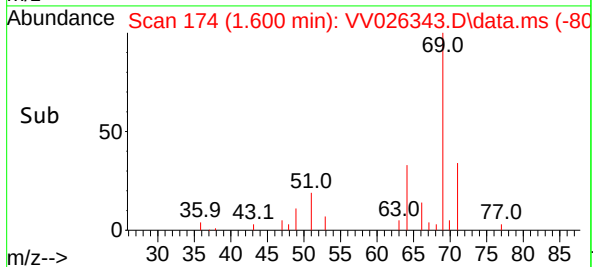
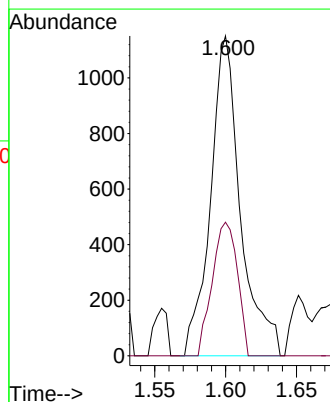
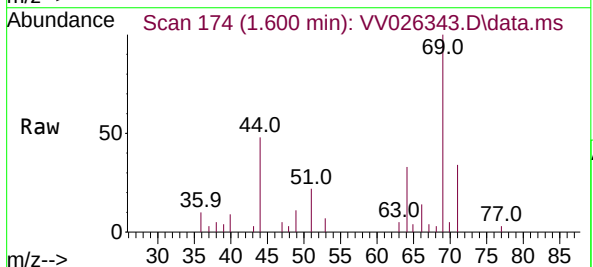
Instrument :
MSVOA_V
ClientSampleId :
BGJ79

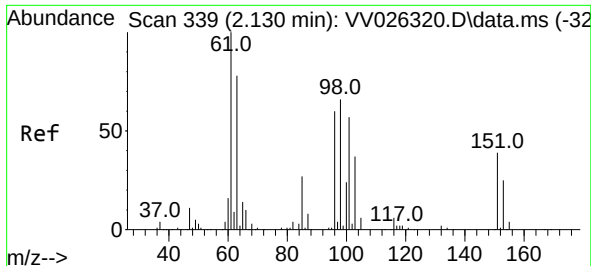
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 89.7 65.7 121.9



#8
Chloroethane
Concen: 0.164 ug/L
RT: 1.600 min Scan# 174
Delta R.T. 0.003 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

Tgt Ion: 64 Resp: 1693
Ion Ratio Lower Upper
64 100
66 41.8 24.1 44.7

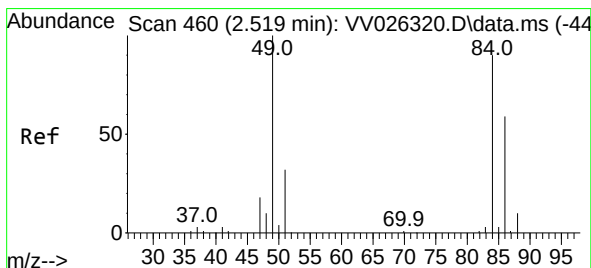
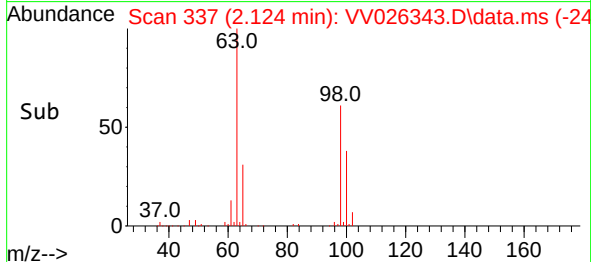
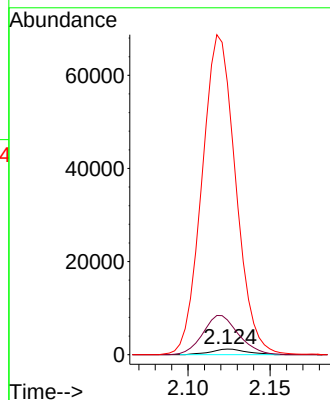
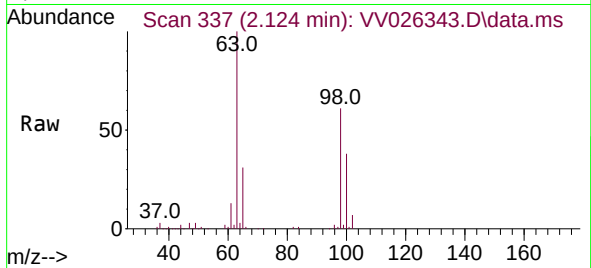




#12
1,1-Dichloroethene
Concen: 0.149 ug/L
RT: 2.124 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

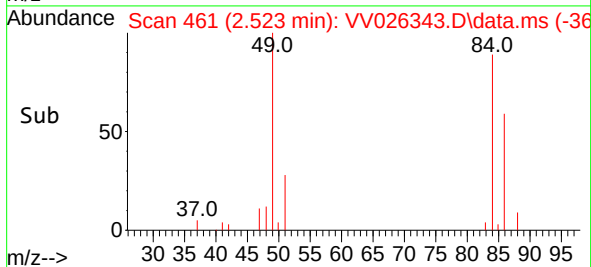
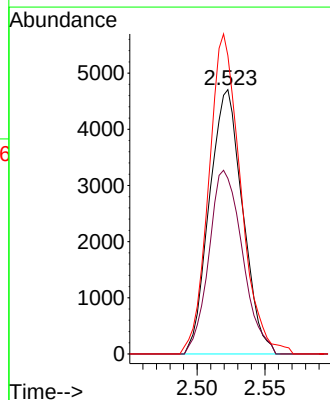
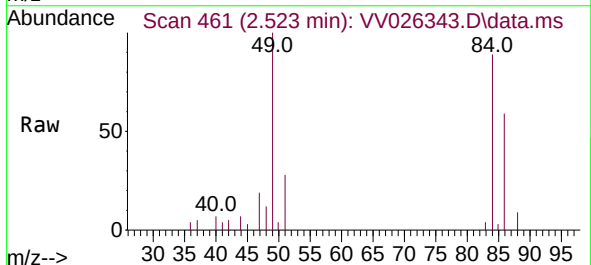
Instrument :
MSVOA_V
ClientSampleId :
BGJ79

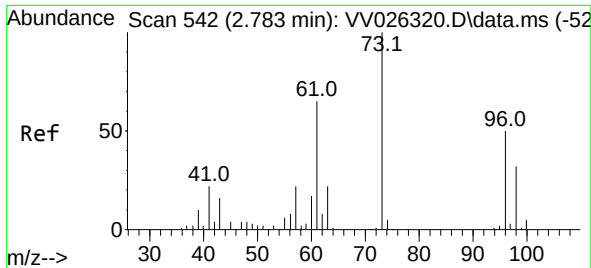
Tgt Ion: 96 Resp: 1819
Ion Ratio Lower Upper
96 100
61 611.5 117.1 217.5#
63 4798.0 92.8 172.4#



#16
Methylene chloride
Concen: 0.516 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

Tgt Ion: 84 Resp: 8016
Ion Ratio Lower Upper
84 100
86 66.4 44.0 81.8
49 112.9 77.3 143.7

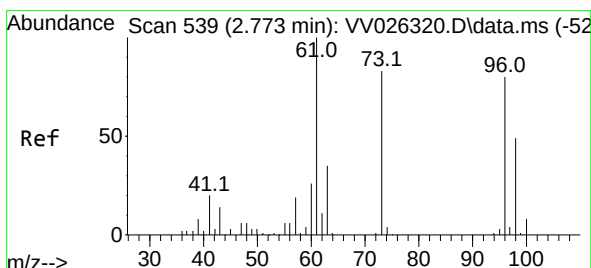
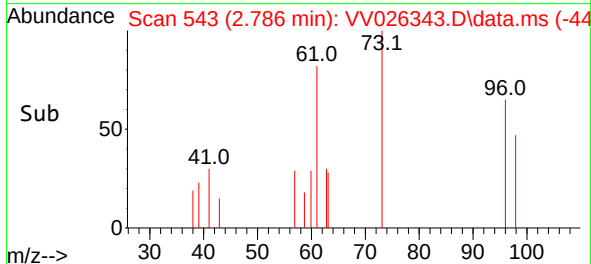
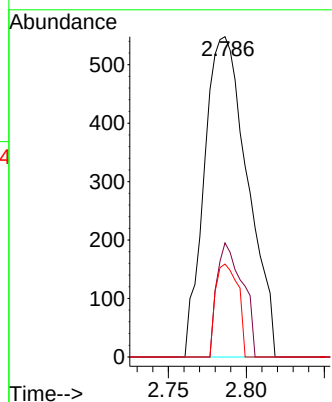
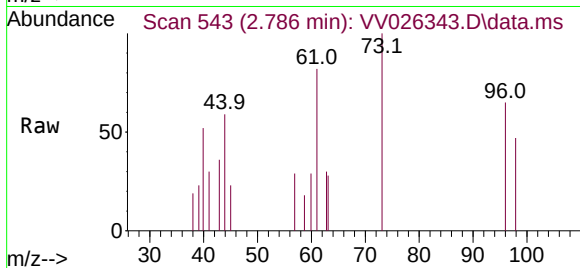




#17
Methyl tert-butyl Ether
Concen: 0.050 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

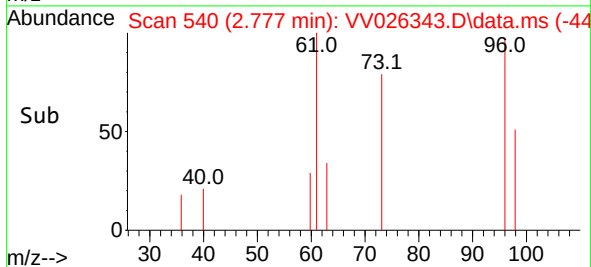
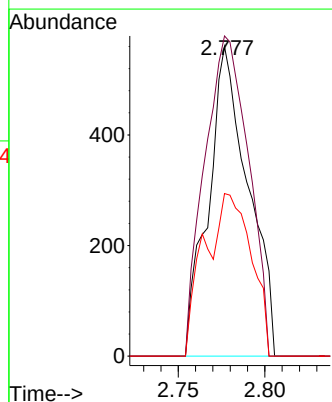
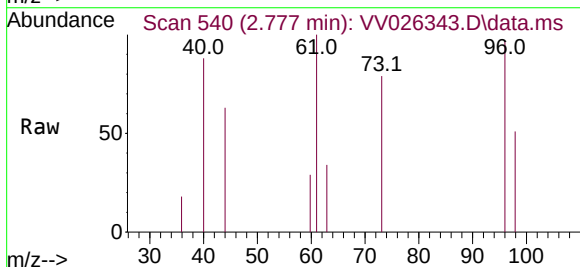
Instrument :
MSVOA_V
ClientSampleId :
BGJ79

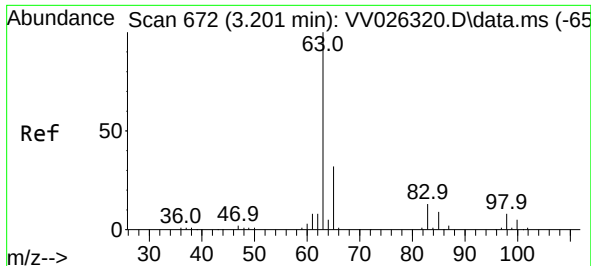
Tgt Ion: 73 Resp: 1055
Ion Ratio Lower Upper
73 100
43 21.2 13.0 19.6#
57 15.0 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.076 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

Tgt Ion: 96 Resp: 900
Ion Ratio Lower Upper
96 100
61 103.4 91.3 169.6
98 52.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.273 ug/L

RT: 3.211 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

BGJ79

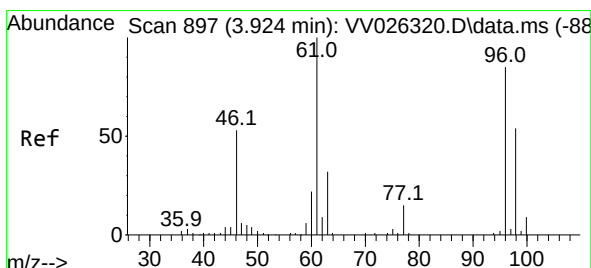
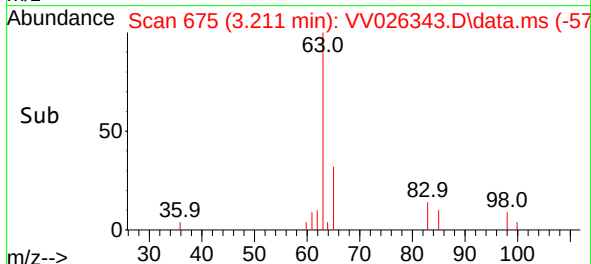
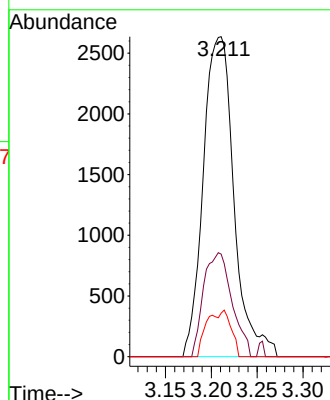
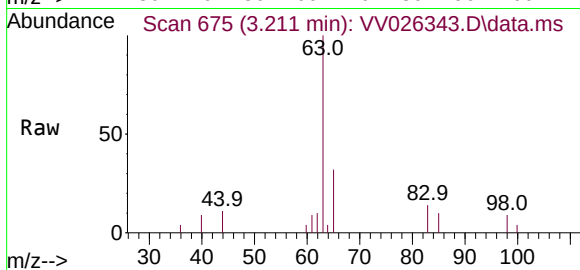
Tgt Ion: 63 Resp: 6145

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.6 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.202 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.007 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

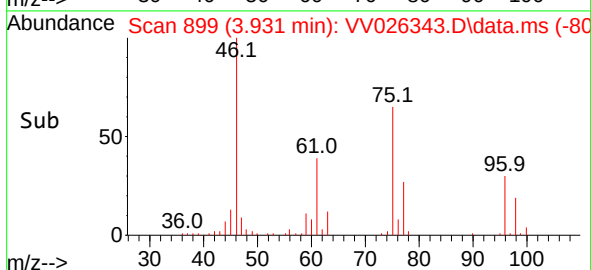
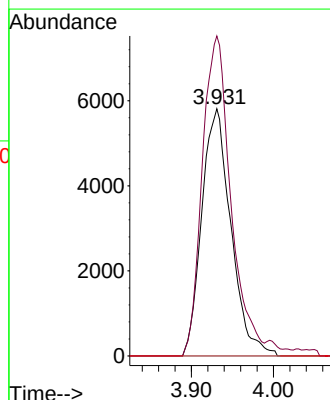
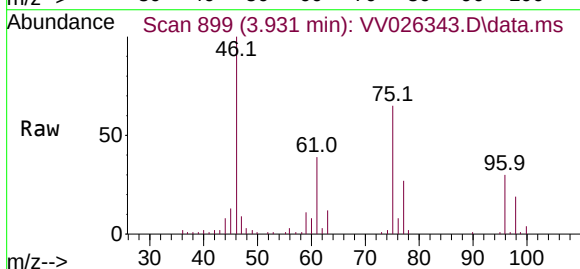
Tgt Ion: 96 Resp: 14362

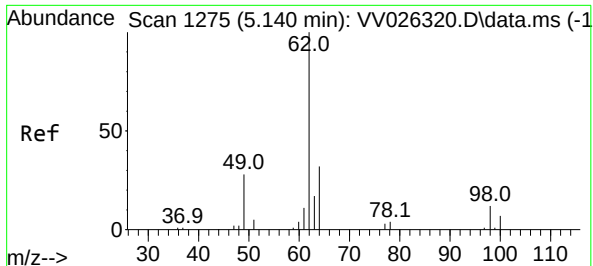
Ion Ratio Lower Upper

96 100

61 129.4 83.6 155.2

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.063 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

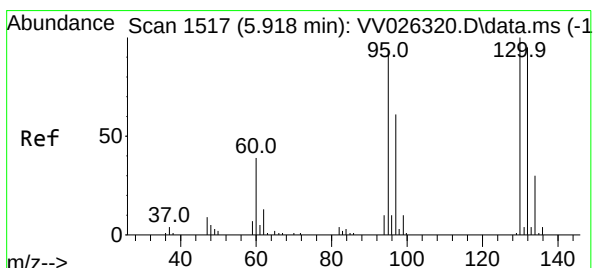
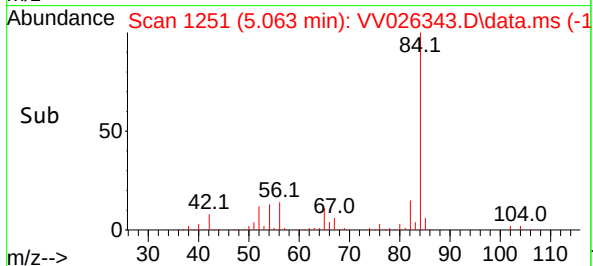
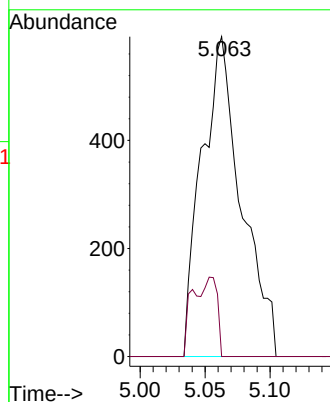
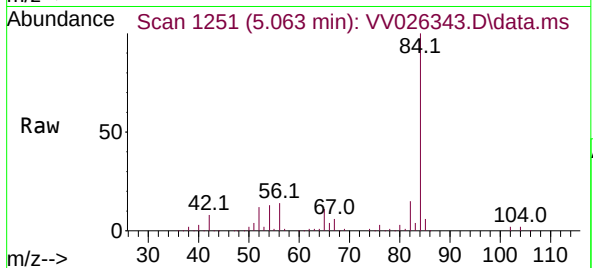
BGJ79

Tgt Ion: 62 Resp: 1257

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.203 ug/L

RT: 5.931 min Scan# 1521

Delta R.T. 0.013 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

Tgt Ion: 95 Resp: 2582

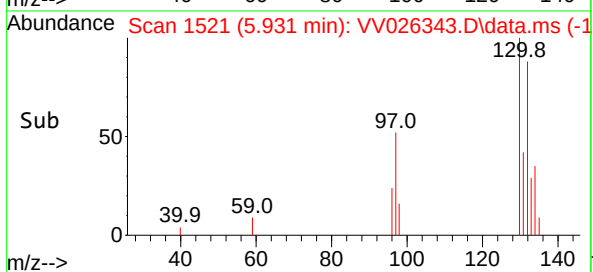
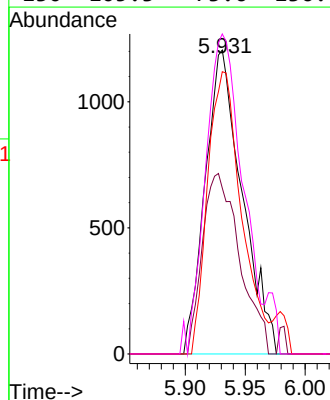
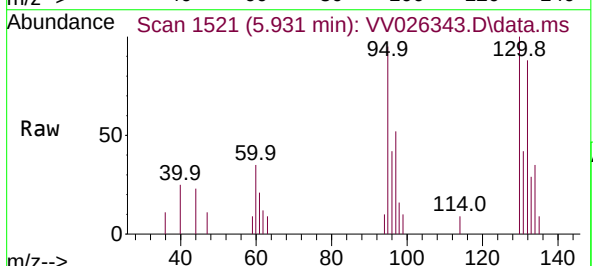
Ion Ratio Lower Upper

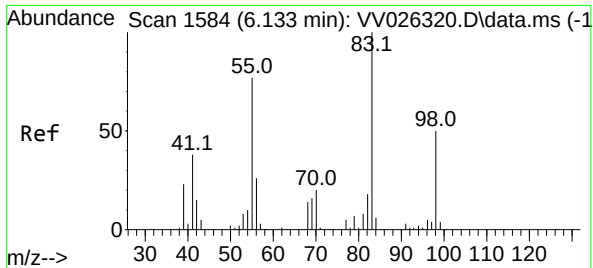
95 100

97 54.6 46.5 86.3

132 92.9 68.8 127.8

130 105.3 73.6 136.6

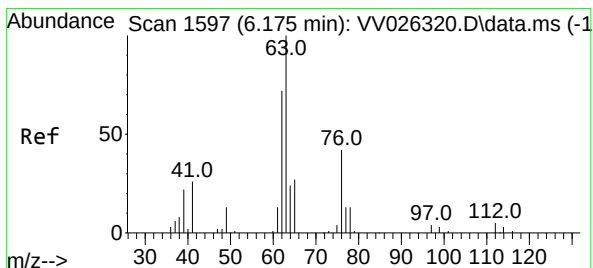
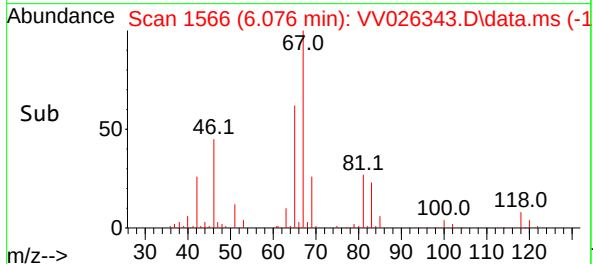
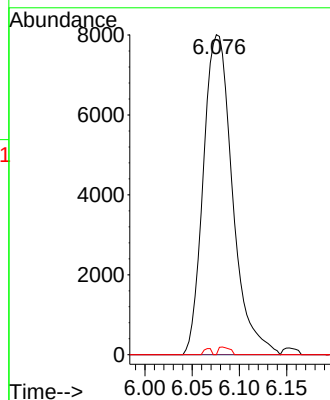
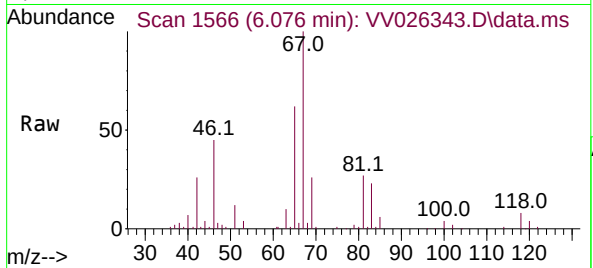




#35
Methylcyclohexane
Concen: 0.975 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

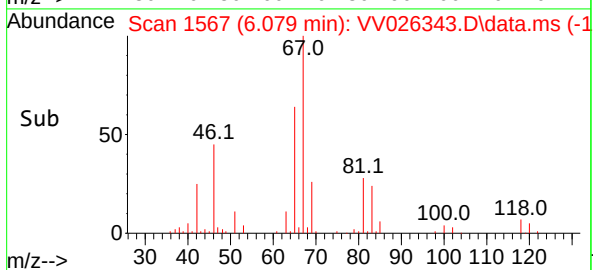
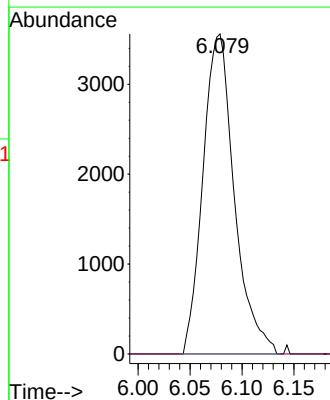
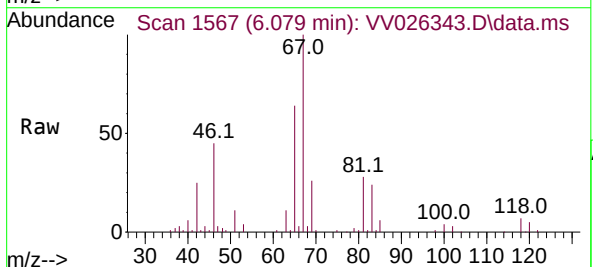
Instrument :
MSVOA_V
ClientSampleId :
BGJ79

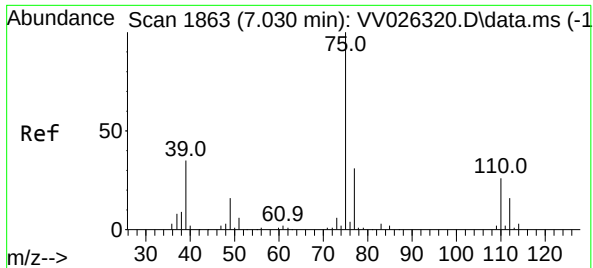
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.9	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.096 min
Lab File: VV026343.D
Acq: 16 Jun 2022 19:17

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026343.D

Acq: 16 Jun 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

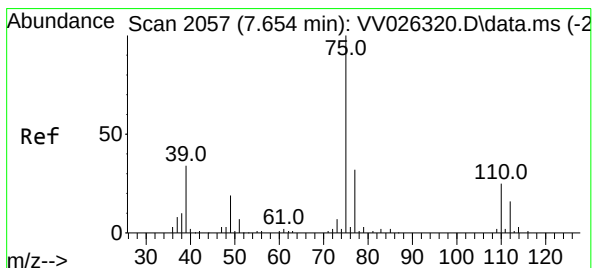
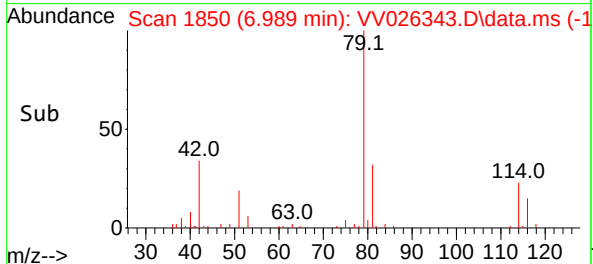
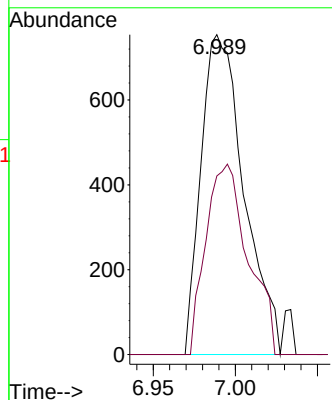
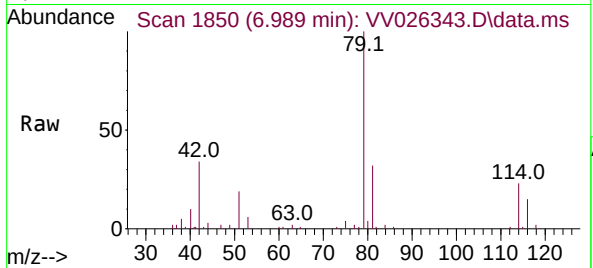
BGJ79

Tgt Ion: 75 Resp: 1375

Ion Ratio Lower Upper

75 100

77 55.8 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV026343.D

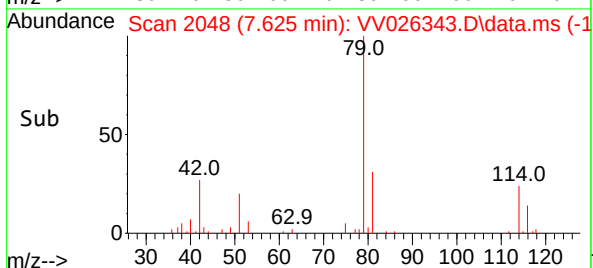
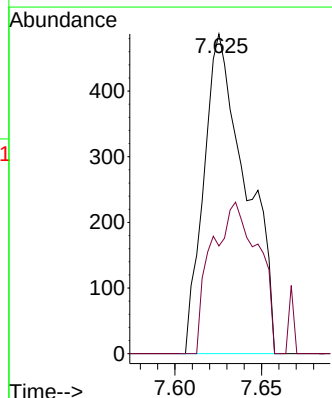
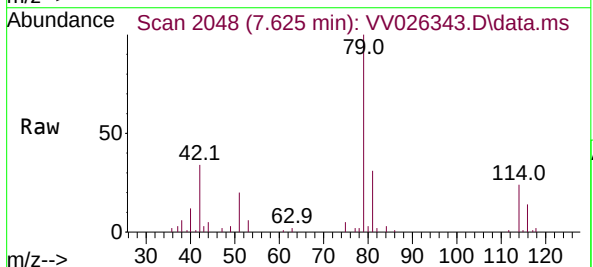
Acq: 16 Jun 2022 19:17

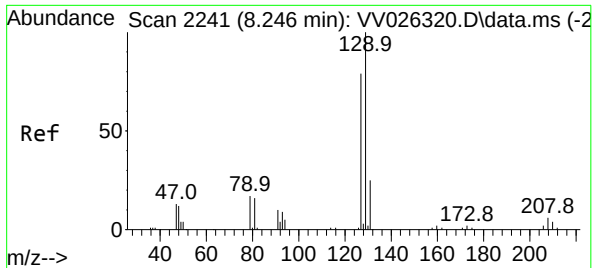
Tgt Ion: 75 Resp: 824

Ion Ratio Lower Upper

75 100

77 33.7 23.7 43.9

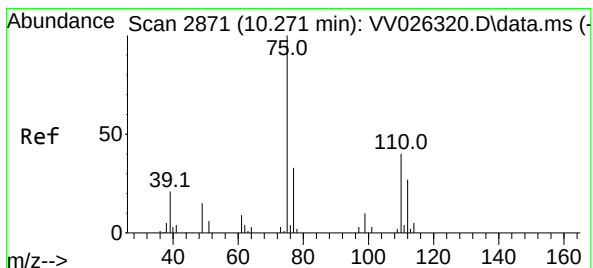
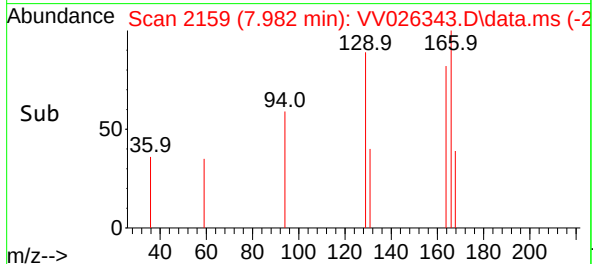
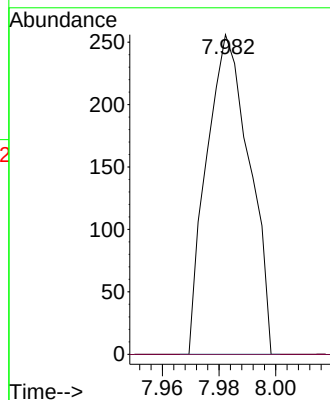
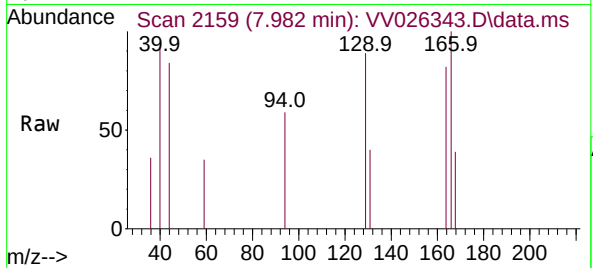




#49
 Dibromochloromethane
 Concen: 0.030 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. -0.264 min
 Lab File: VV026343.D
 Acq: 16 Jun 2022 19:17

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ79

Tgt Ion:129 Resp: 268
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.4 104.7#



#61
 1,2,3-Trichloropropane
 Concen: 1.715 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV026343.D
 Acq: 16 Jun 2022 19:17

Tgt Ion: 75 Resp: 8222
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.9 40.3
 110 2.5 30.7 46.1#

