

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026277.D
 Acq On : 15 Jun 2022 14:57
 Operator : SY/MD
 Sample : N3320-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ76

Quant Time: Jun 16 01:39:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	197308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	80403	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.577	69	64435	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.117	63	116573	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.915	46	85935	51.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.780%
24) Chloroform-d	4.358	84	127425	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.040	65	53738	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.056	84	253105	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.072	67	76137	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.320	98	207753	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.628	79	19597	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.091	63	63863	45.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44784	5.038	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	65978	5.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.320	62	40680	2.388	ug/L	100
8) Chloroethane	1.548	64	337039	31.877	ug/L #	49
12) 1,1-Dichloroethene	2.127	96	13414	1.076	ug/L #	1
13) Acetone	2.211	43	20945	16.162	ug/L	92
14) Carbon disulfide	2.304	76	6568	0.214	ug/L	98
15) Methyl Acetate	2.211	43	19194	6.173	ug/L #	48
17) Methyl tert-butyl Ether	2.796	73	911	0.043	ug/L #	69
18) trans-1,2-Dichloroethene	2.770	96	1346	0.111	ug/L	84
19) 1,1-Dichloroethane	3.204	63	10118	0.439	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	352904	28.851	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1343	0.118	ug/L #	71
34) Trichloroethene	5.921	95	21988	1.699	ug/L	92
35) Methylcyclohexane	6.075	83	18295	1.022	ug/L #	19
39) cis-1,3-Dichloropropene	6.998	75	1448	0.102	ug/L #	55
44) trans-1,3-Dichloropropene	7.628	75	895	0.079	ug/L	97
53) m,p-Xylene	9.146	106	738	0.038	ug/L	73
61) 1,2,3-Trichloropropane	10.381	75	360	0.070	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.242	75	276	0.303	ug/L #	3

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 01:38:03 2022
Response via : Initial Calibration

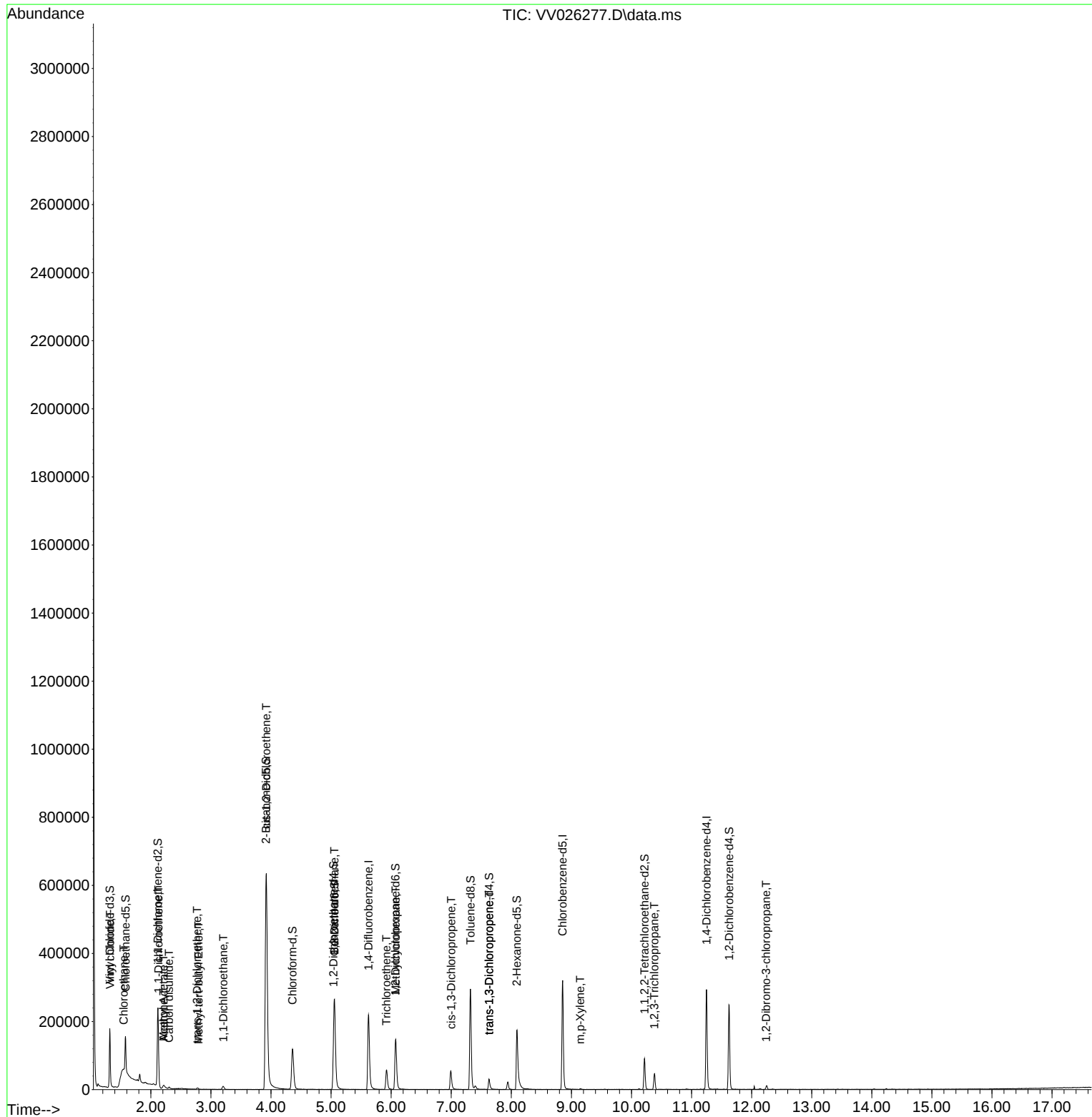
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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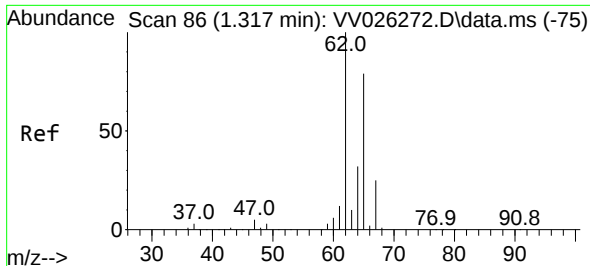
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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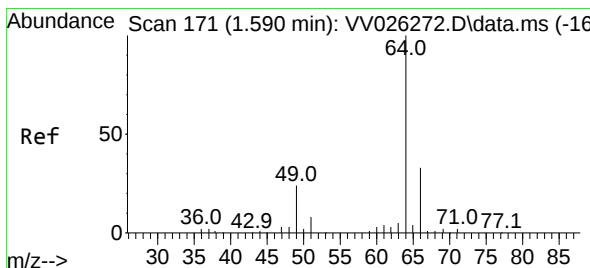
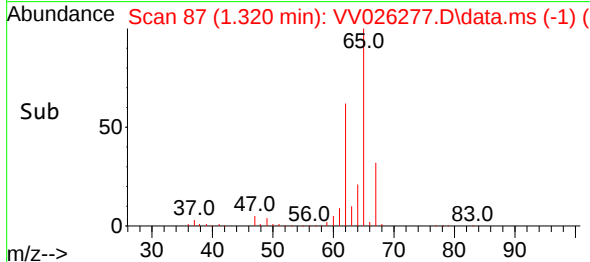
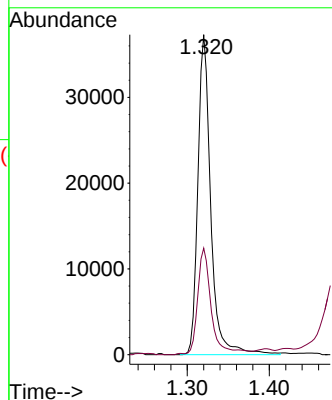
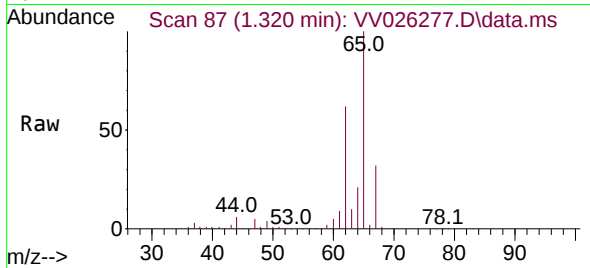




#5
 Vinyl chloride
 Concen: 2.388 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026277.D
 Acq: 15 Jun 2022 14:57

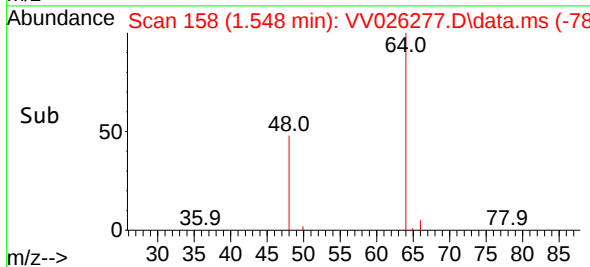
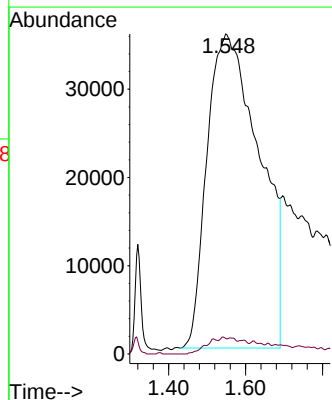
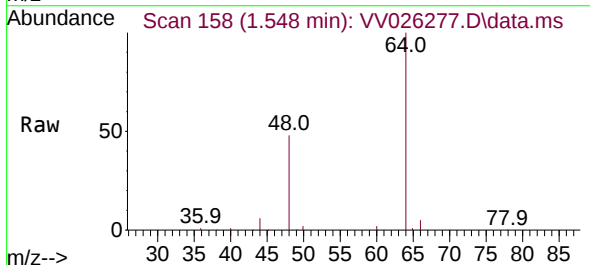
Instrument :
 MSVOA_V
 ClientSampleId :
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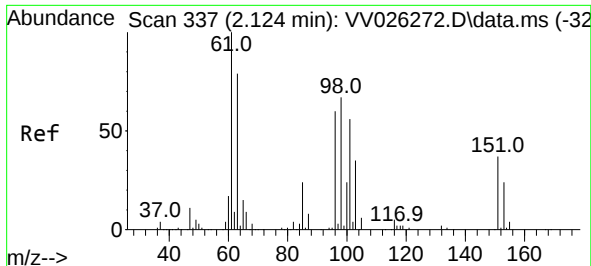
Tgt Ion: 62 Resp: 40680
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#8
 Chloroethane
 Concen: 31.877 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. -0.042 min
 Lab File: VV026277.D
 Acq: 15 Jun 2022 14:57

Tgt Ion: 64 Resp: 337039
 Ion Ratio Lower Upper
 64 100
 66 4.9 24.1 44.7#





#12

1,1-Dichloroethene

Concen: 1.076 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026277.D

Acq: 15 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

BGJ76

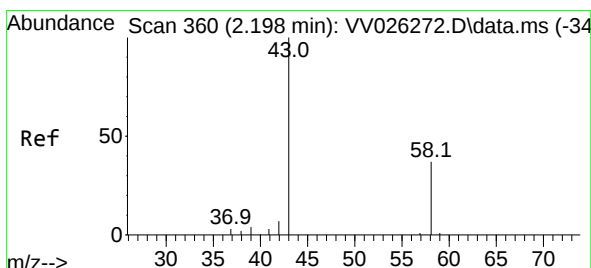
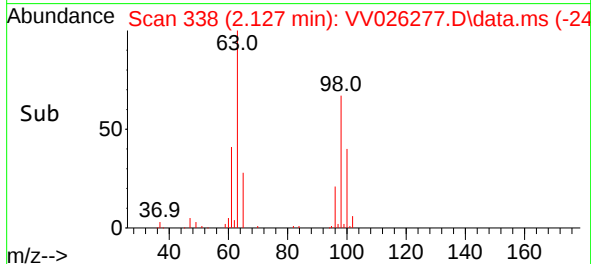
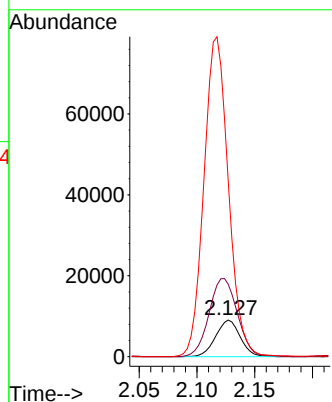
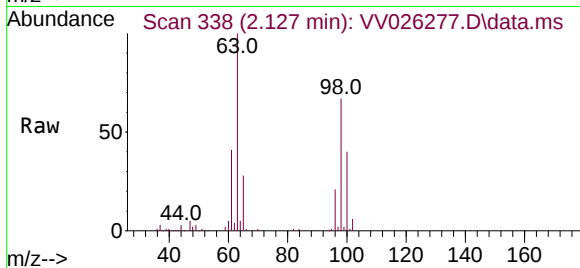
Tgt Ion: 96 Resp: 13414

Ion Ratio Lower Upper

96 100

61 198.3 117.1 217.5

63 481.5 92.8 172.4#



#13

Acetone

Concen: 16.162 ug/L

RT: 2.211 min Scan# 364

Delta R.T. 0.013 min

Lab File: VV026277.D

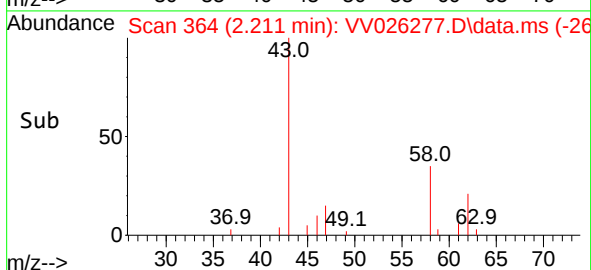
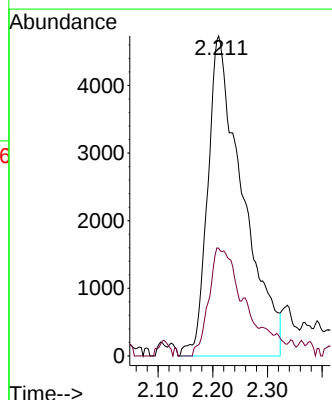
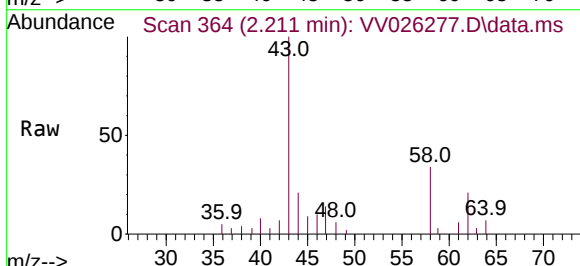
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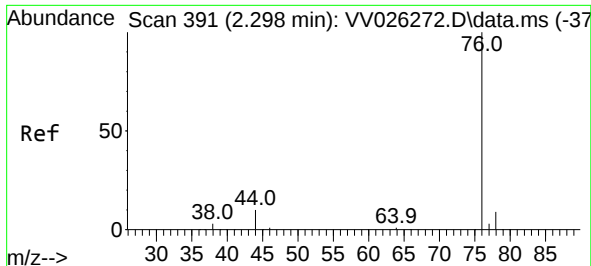
Tgt Ion: 43 Resp: 20945

Ion Ratio Lower Upper

43 100

58 25.5 0.0 60.0

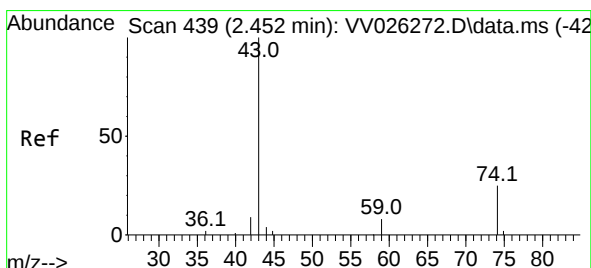
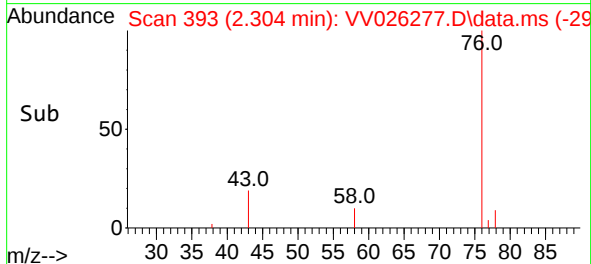
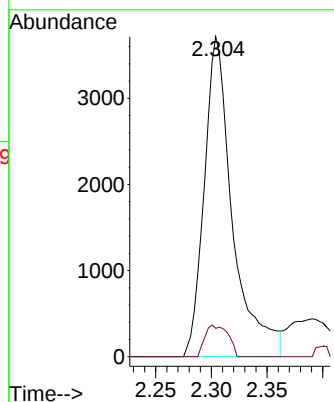
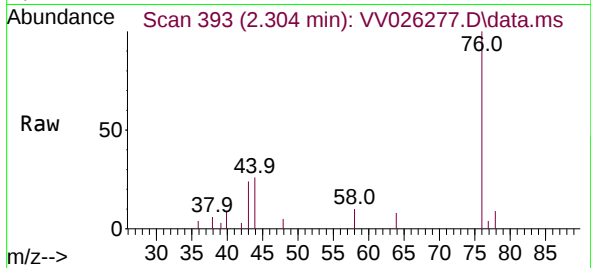




#14
Carbon disulfide
Concen: 0.214 ug/L
RT: 2.304 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

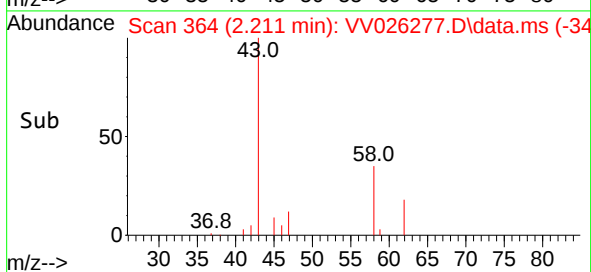
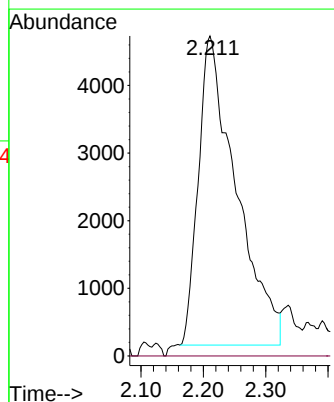
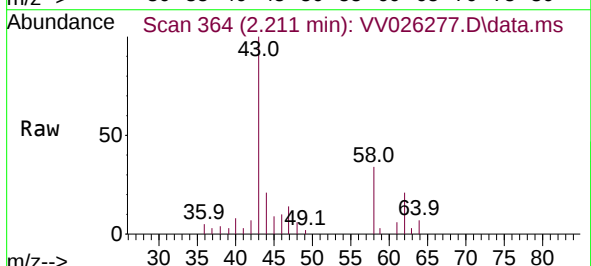
Instrument :
MSVOA_V
ClientSampleId :
BGJ76

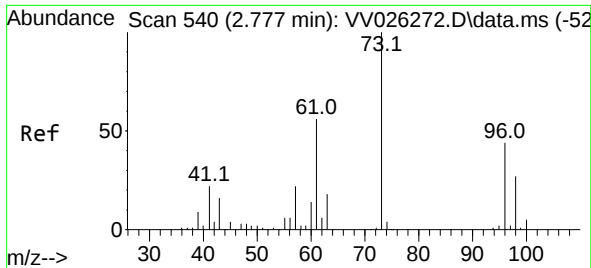
Tgt Ion: 76 Resp: 6568
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#15
Methyl Acetate
Concen: 6.173 ug/L
RT: 2.211 min Scan# 364
Delta R.T. -0.241 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Tgt Ion: 43 Resp: 19194
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#

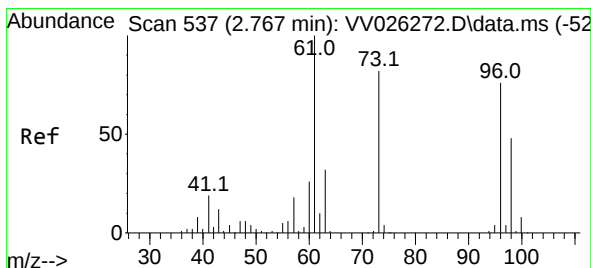
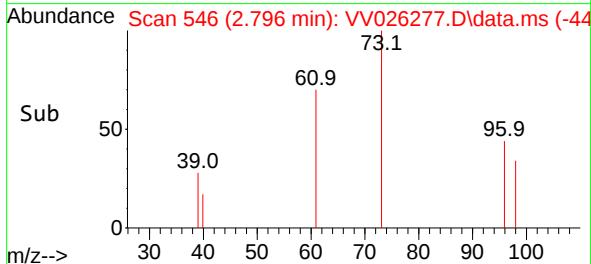
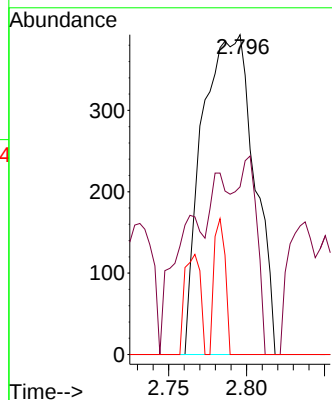
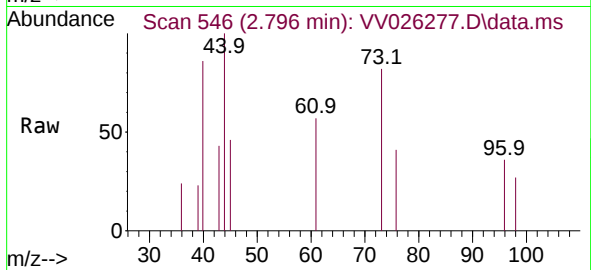




#17
Methyl tert-butyl Ether
Concen: 0.043 ug/L
RT: 2.796 min Scan# 541
Delta R.T. 0.019 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

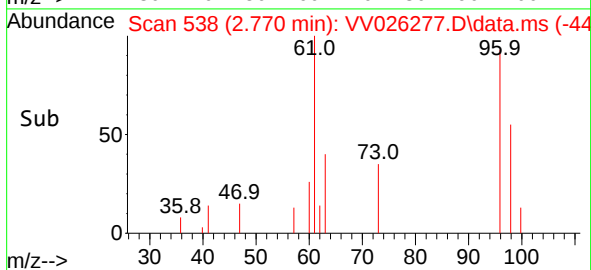
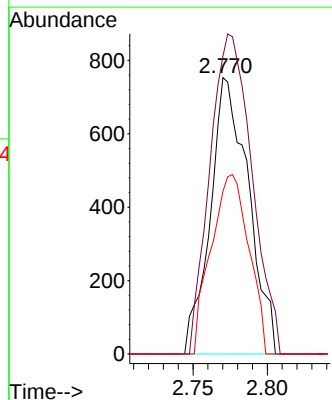
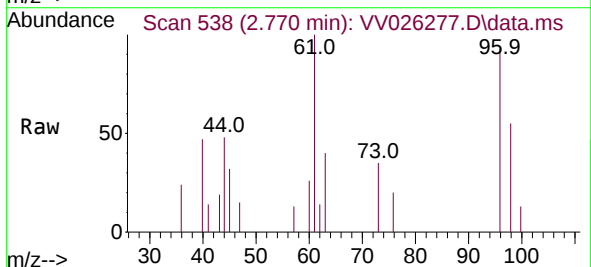
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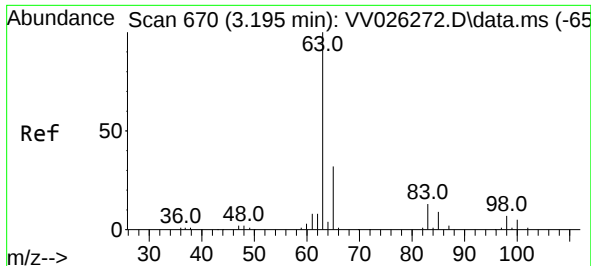
Tgt Ion: 73 Resp: 911
Ion Ratio Lower Upper
73 100
43 21.1 13.0 19.6#
57 0.0 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.111 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Tgt Ion: 96 Resp: 1346
Ion Ratio Lower Upper
96 100
61 107.7 91.3 169.6
98 58.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.439 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.009 min

Lab File: VV026277.D

Acq: 15 Jun 2022 14:57

Instrument :

MSVOA_V

ClientSampleId :

BGJ76

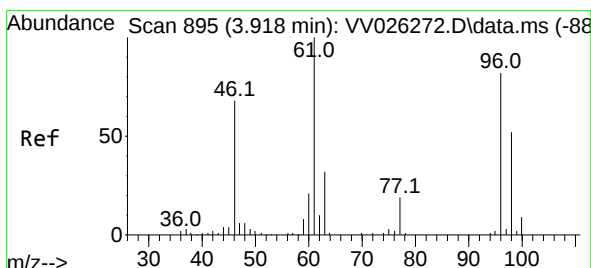
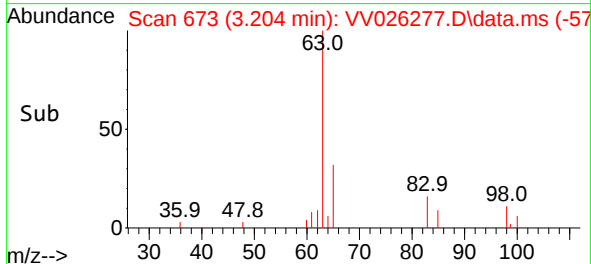
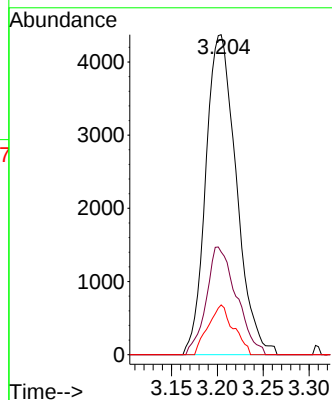
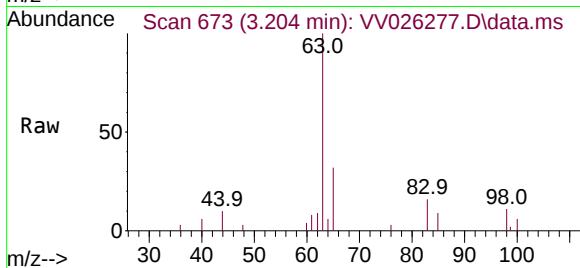
Tgt Ion: 63 Resp: 10118

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 15.5 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 28.851 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026277.D

Acq: 15 Jun 2022 14:57

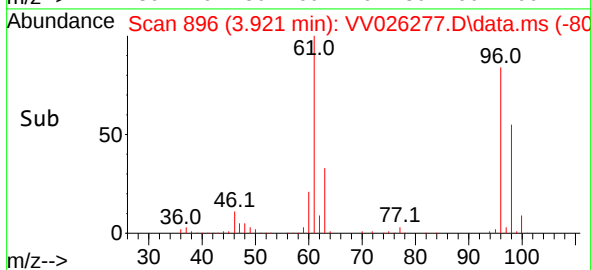
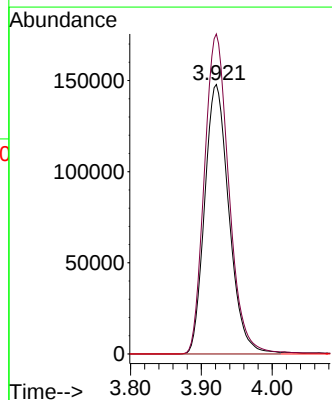
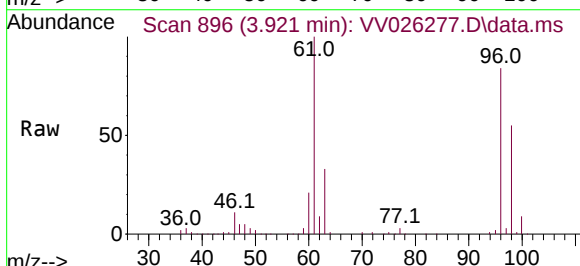
Tgt Ion: 96 Resp: 352904

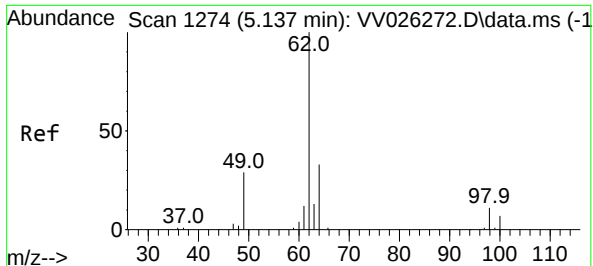
Ion Ratio Lower Upper

96 100

61 118.7 83.6 155.2

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.081 min

Lab File: VV026277.D

Acq: 15 Jun 2022 14:57

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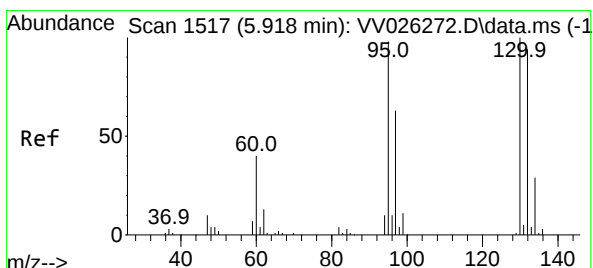
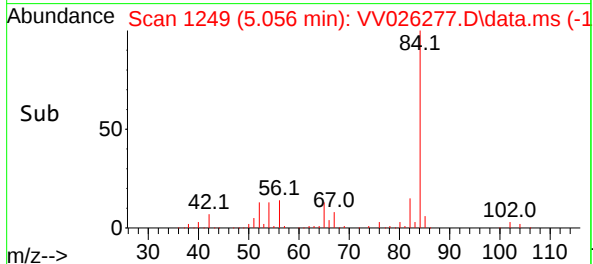
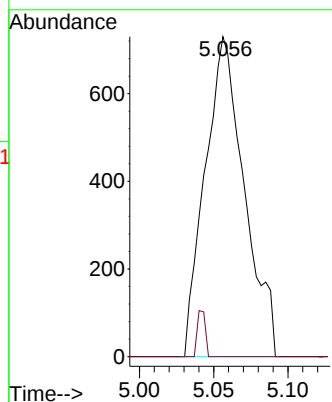
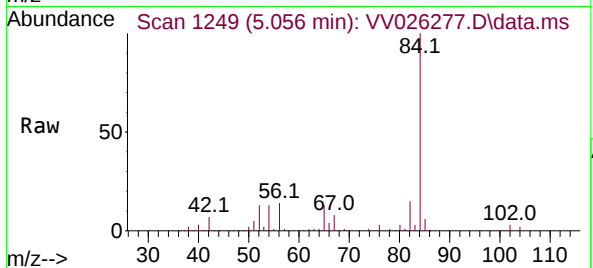
BGJ76

Tgt Ion: 62 Resp: 1343

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 1.699 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026277.D

Acq: 15 Jun 2022 14:57

Tgt Ion: 95 Resp: 21988

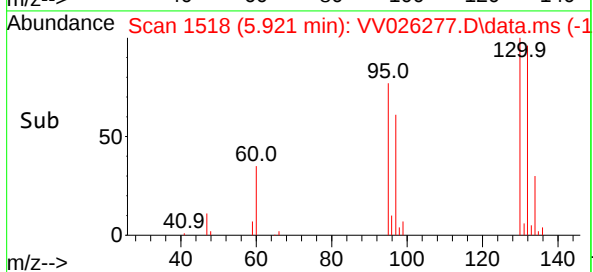
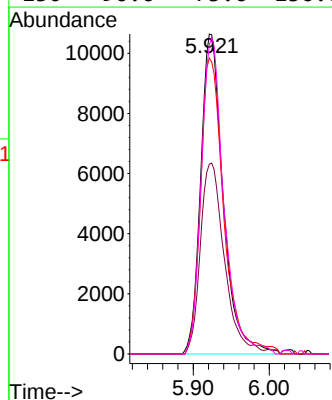
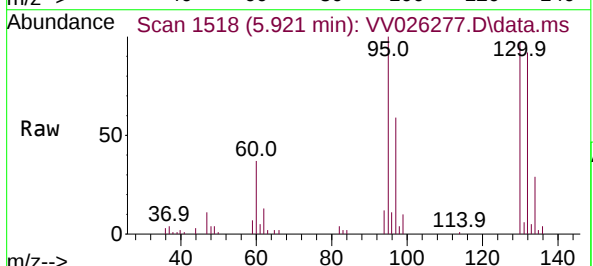
Ion Ratio Lower Upper

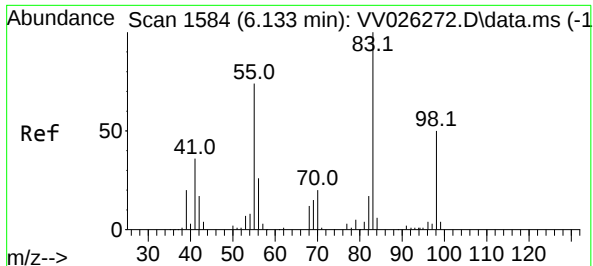
95 100

97 59.3 46.5 86.3

132 92.5 68.8 127.8

130 96.6 73.6 136.6

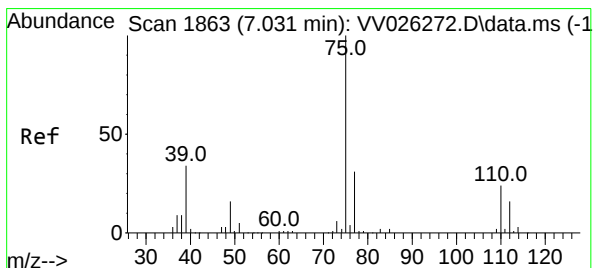
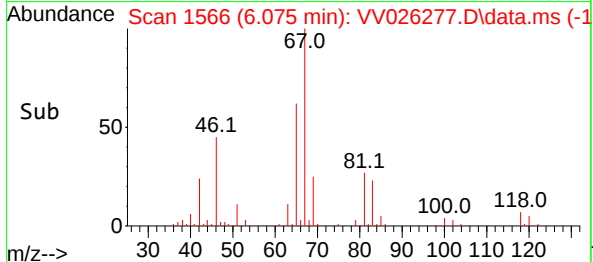
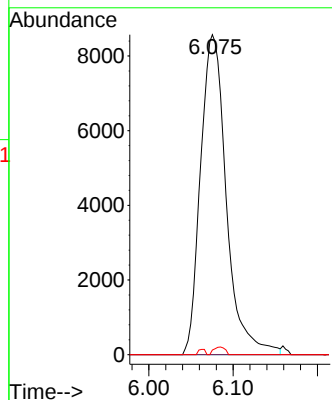
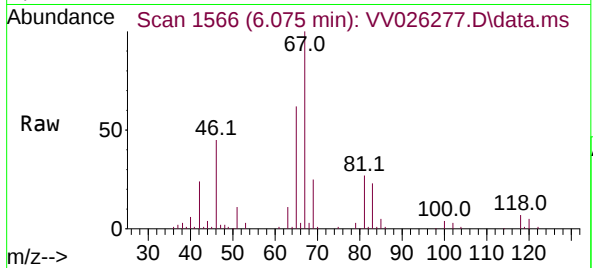




#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.075 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

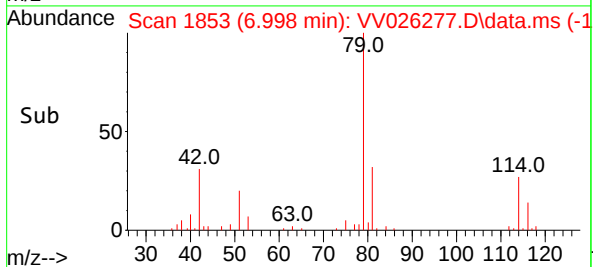
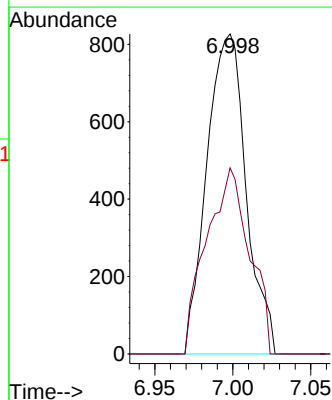
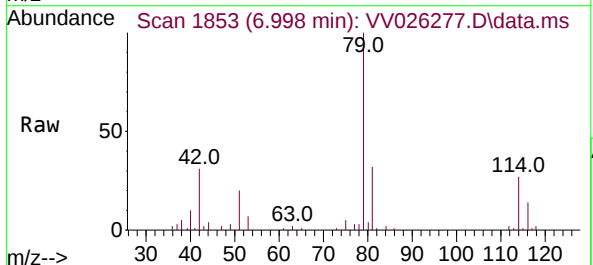
Instrument :
MSVOA_V
ClientSampleId :
BGJ76

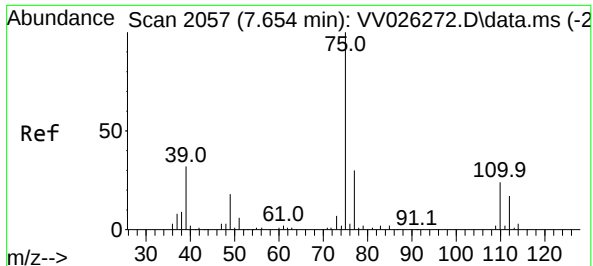
Tgt Ion: 83 Resp: 18295
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 0.4 39.9 59.9#



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.998 min Scan# 1853
Delta R.T. -0.032 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Tgt Ion: 75 Resp: 1448
Ion Ratio Lower Upper
75 100
77 58.2 23.0 42.6#

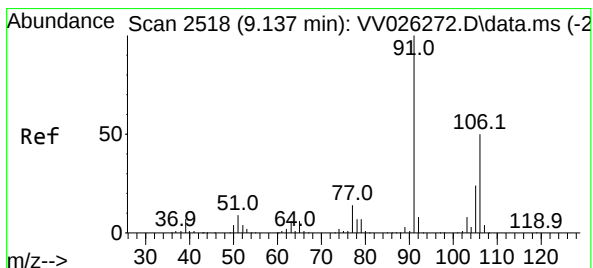
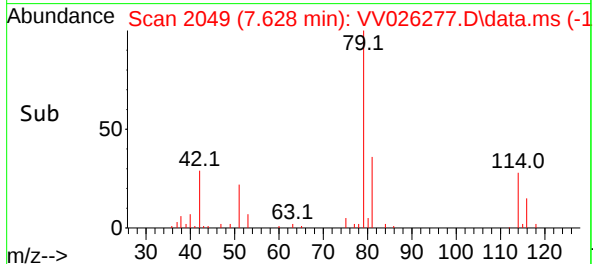
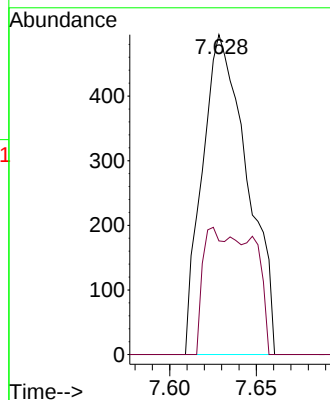
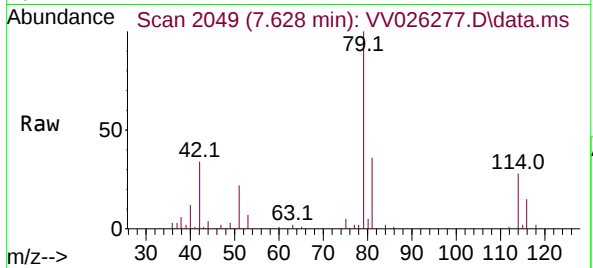




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

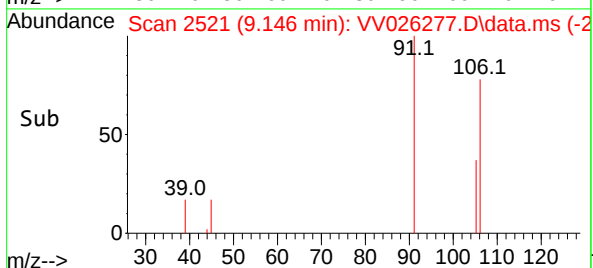
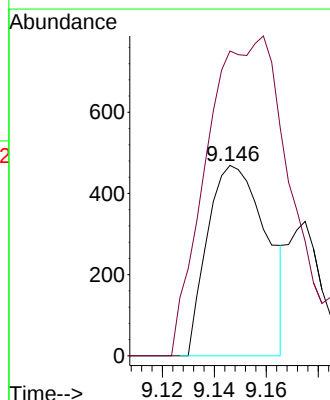
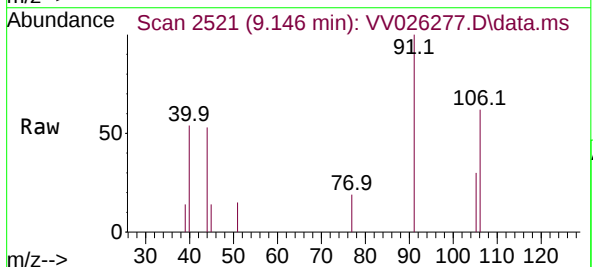
Instrument :
MSVOA_V
ClientSampleId :
BGJ76

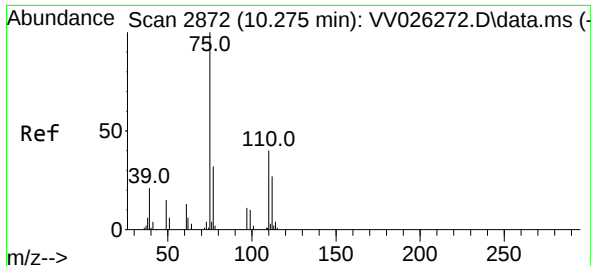
Tgt Ion: 75 Resp: 895
Ion Ratio Lower Upper
75 100
77 35.6 23.7 43.9



#53
m,p-Xylene
Concen: 0.038 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Tgt Ion: 106 Resp: 738
Ion Ratio Lower Upper
106 100
91 160.1 141.3 262.3

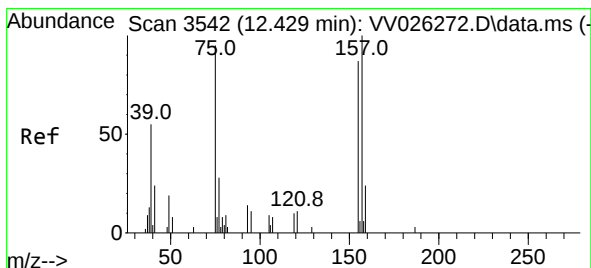
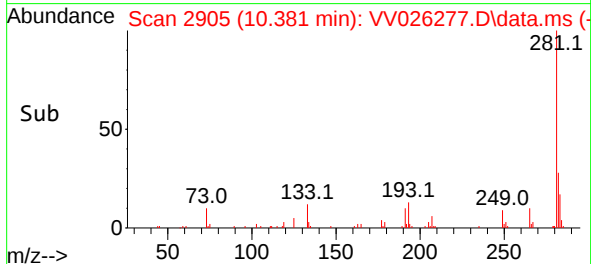
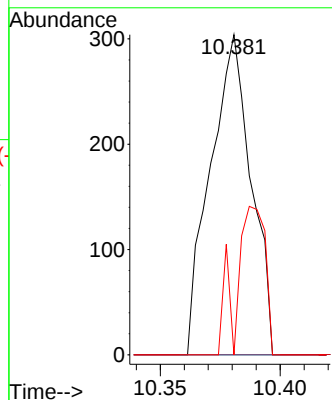
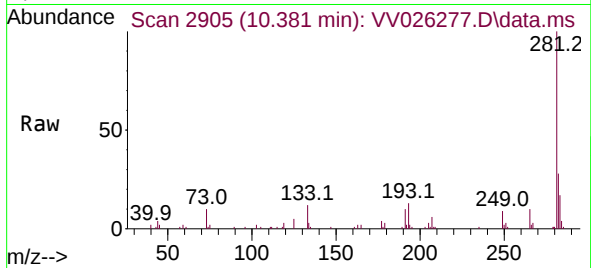




#61
1,2,3-Trichloropropane
Concen: 0.070 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.106 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Instrument :
MSVOA_V
ClientSampleId :
BGJ76

Tgt Ion: 75 Resp: 360
Ion Ratio Lower Upper
75 100
77 0.0 26.9 40.3#
110 33.1 30.7 46.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.303 ug/L
RT: 12.242 min Scan# 3484
Delta R.T. -0.187 min
Lab File: VV026277.D
Acq: 15 Jun 2022 14:57

Tgt Ion: 75 Resp: 276
Ion Ratio Lower Upper
75 100
155 0.0 63.7 95.5#
157 0.0 85.0 127.6#

