

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029878.D
 Acq On : 16 Jan 2023 15:44
 Operator : SY/MD
 Sample : 01136-05 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

Quant Time: Jan 17 00:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	223681	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	219519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	112813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47895	2.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.564	69	47707	3.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.105	63	69430	2.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.800%#
20) 2-Butanone-d5	3.889	46	103520	34.425	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.860%
24) Chloroform-d	4.339	84	111444	3.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
26) 1,2-Dichloroethane-d4	5.027	65	48019	3.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.043	84	225499	3.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	6.063	67	70221	3.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.307	98	190021	3.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.000%#
43) trans-1,3-Dichloroprop...	7.616	79	20745	2.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.600%
46) 2-Hexanone-d5	8.085	63	92081	32.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.000%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	51084	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	77430	3.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.600%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	23687	1.103	ug/L	96
8) Chloroethane	1.590	64	14155	1.086	ug/L #	56
12) 1,1-Dichloroethene	2.114	96	3031	0.159	ug/L #	1
14) Carbon disulfide	2.291	76	3817	0.069	ug/L	100
15) Methyl Acetate	2.179	43	7175	1.284	ug/L #	45
16) Methylene chloride	2.503	84	47491	2.002	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	1936	0.059	ug/L #	92
18) trans-1,2-Dichloroethene	2.761	96	1401	0.079	ug/L	92
19) 1,1-Dichloroethane	3.185	63	14240	0.479	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	17338	0.916	ug/L	99
25) Chloroform	4.365	83	6653	0.206	ug/L	92
27) 1,2-Dichloroethane	5.053	62	973	0.062	ug/L #	71
35) Methylcyclohexane	6.063	83	16685	0.537	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	7033	0.414	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1506	0.066	ug/L #	72
61) 1,2,3-Trichloropropane	11.236	75	12680	1.518	ug/L #	66

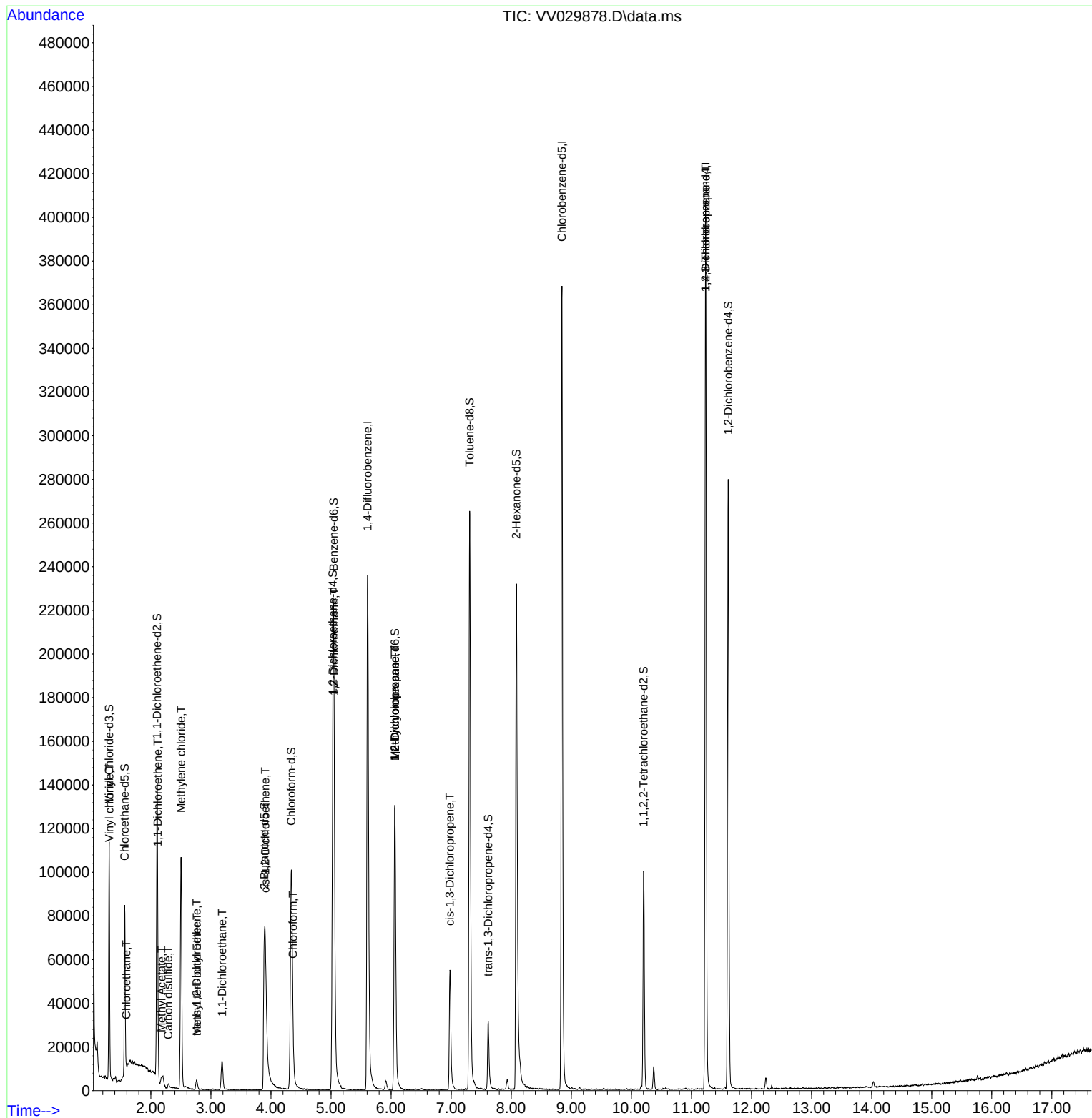
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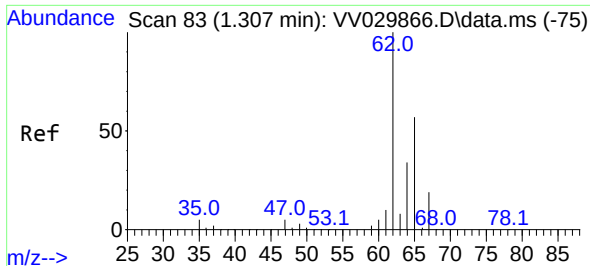
Instrument :
MSVOA_V
ClientSampleId :
BGJB8

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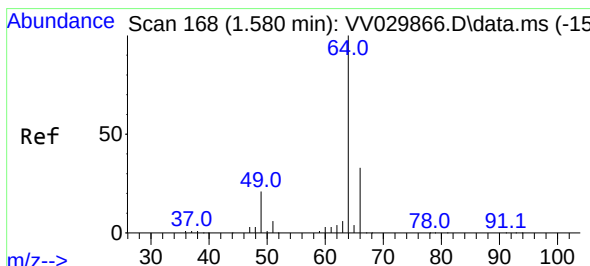
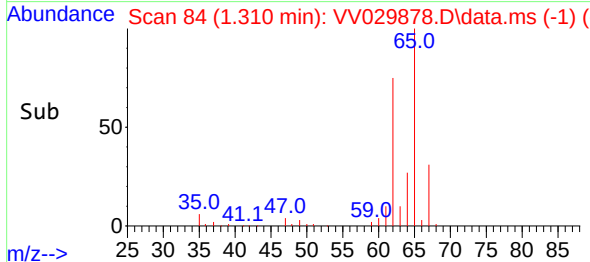
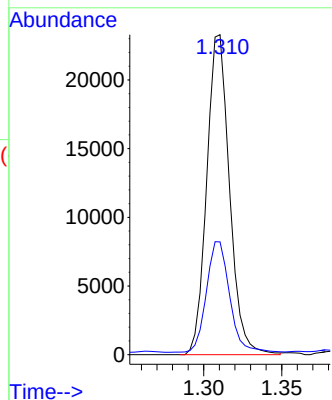
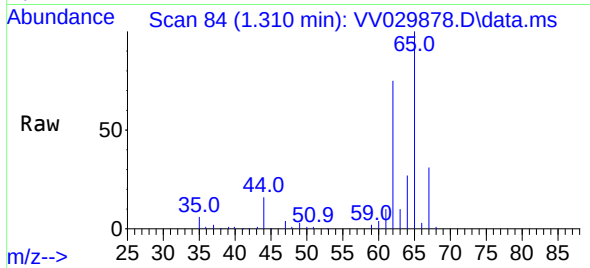




#5
 Vinyl chloride
 Concen: 1.103 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VV029878.D
 Acq: 16 Jan 2023 15:44

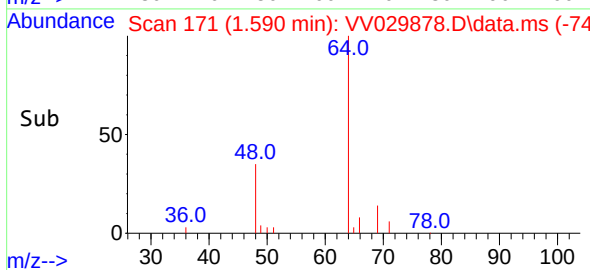
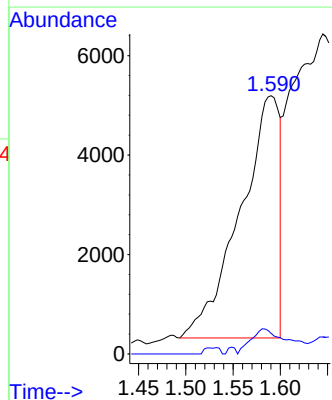
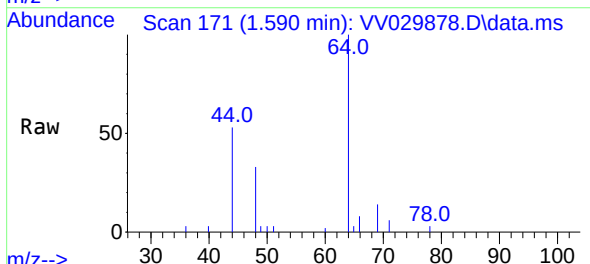
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB8

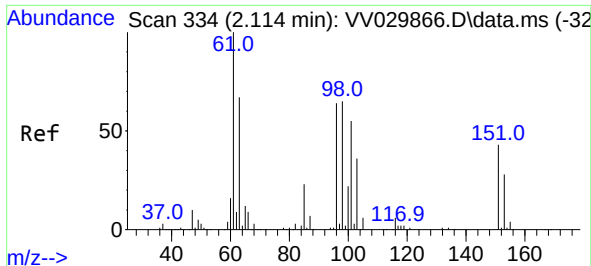
Tgt Ion: 62 Resp: 23687
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.2 43.2



#8
 Chloroethane
 Concen: 1.086 ug/L
 RT: 1.590 min Scan# 171
 Delta R.T. 0.013 min
 Lab File: VV029878.D
 Acq: 16 Jan 2023 15:44

Tgt Ion: 64 Resp: 14155
 Ion Ratio Lower Upper
 64 100
 66 8.0 22.9 42.5#

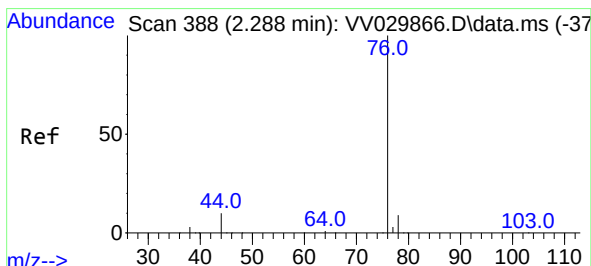
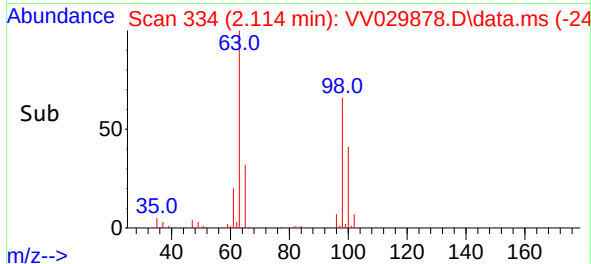
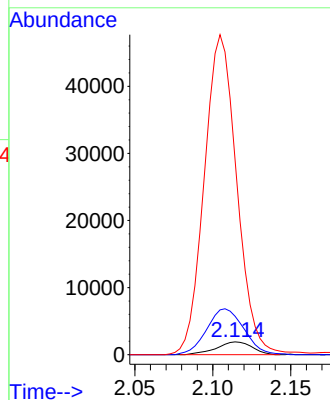
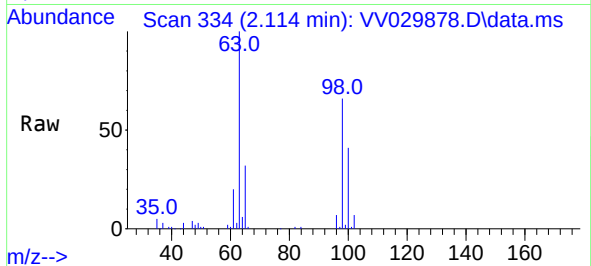




#12
1,1-Dichloroethene
Concen: 0.159 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

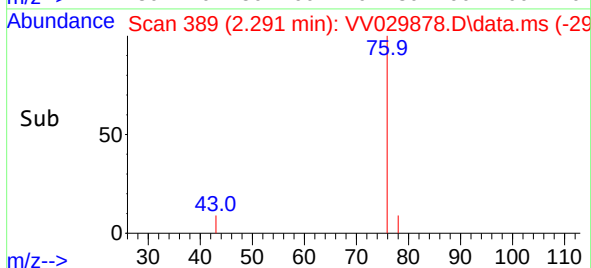
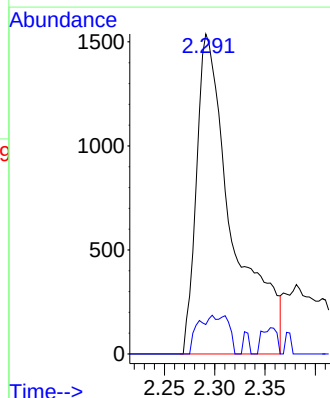
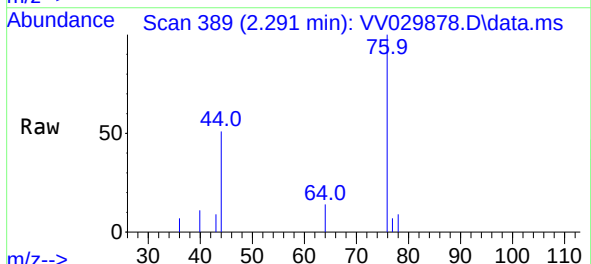
Instrument :
MSVOA_V
ClientSampleId :
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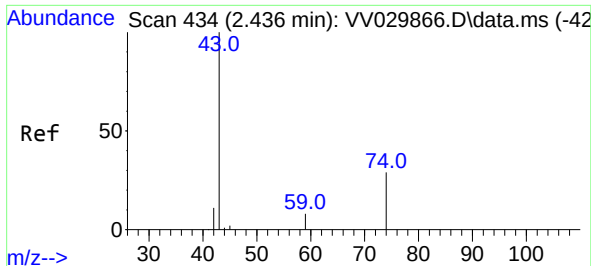
Tgt Ion: 96 Resp: 3031
Ion Ratio Lower Upper
96 100
61 300.7 106.1 197.1#
63 1526.8 76.4 141.8#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Tgt Ion: 76 Resp: 3817
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

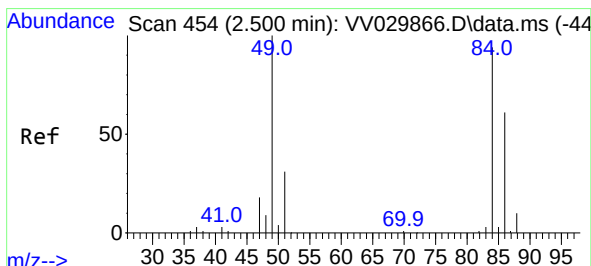
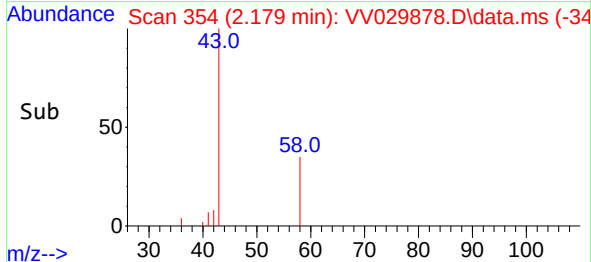
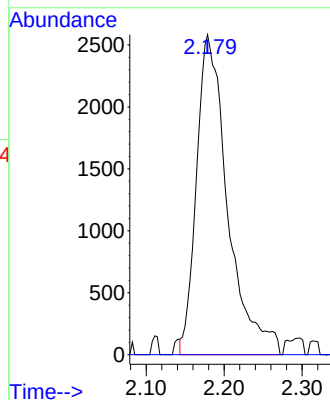
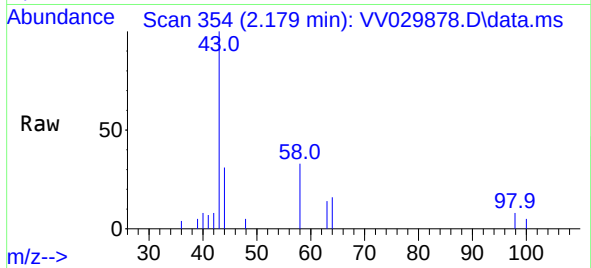




#15
Methyl Acetate
Concen: 1.284 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

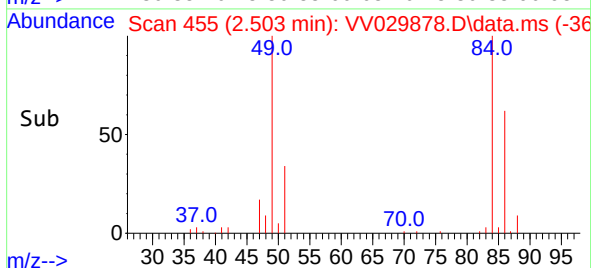
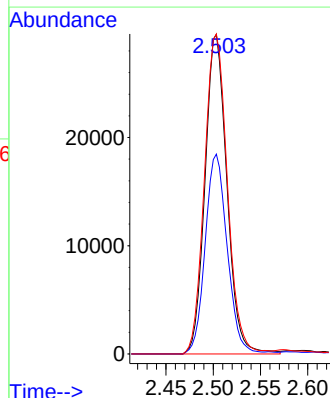
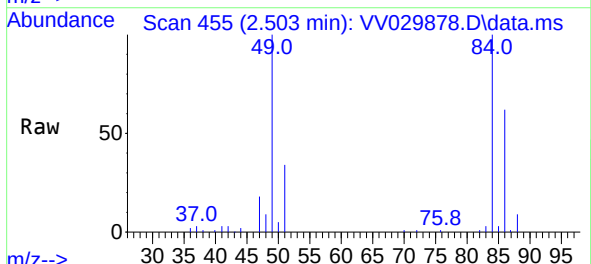
Instrument :
MSVOA_V
ClientSampleId :
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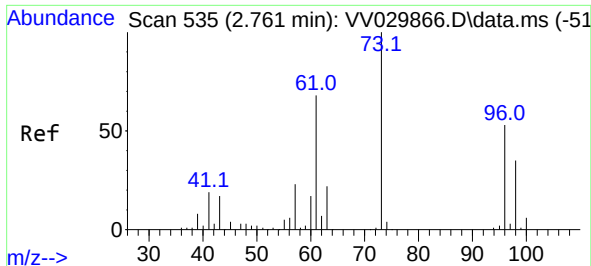
Tgt Ion: 43 Resp: 7175
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#16
Methylene chloride
Concen: 2.002 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV029878.D
Acq: 16 Jan 2023 15:44

Tgt Ion: 84 Resp: 47491
Ion Ratio Lower Upper
84 100
86 62.5 45.0 83.6
49 100.1 71.5 132.7





#17

Methyl tert-butyl Ether

Concen: 0.059 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

BGJB8

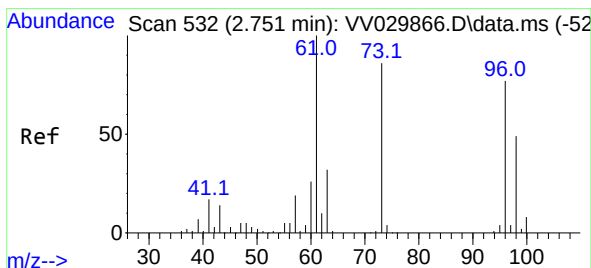
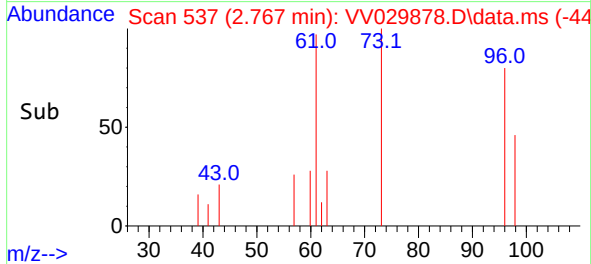
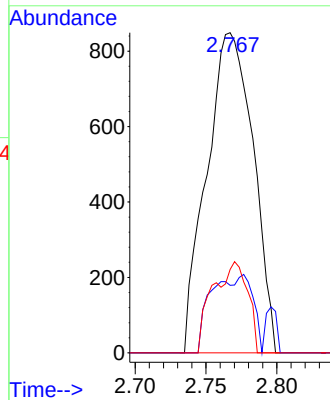
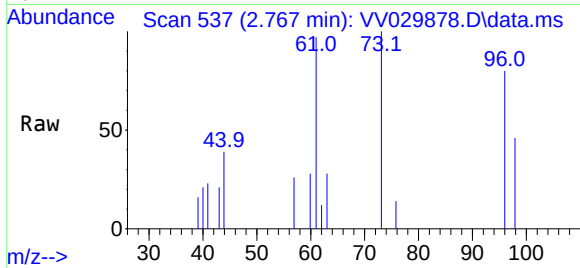
Tgt Ion: 73 Resp: 1936

Ion Ratio Lower Upper

73 100

43 8.5 13.0 19.4#

57 21.4 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 0.079 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.010 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

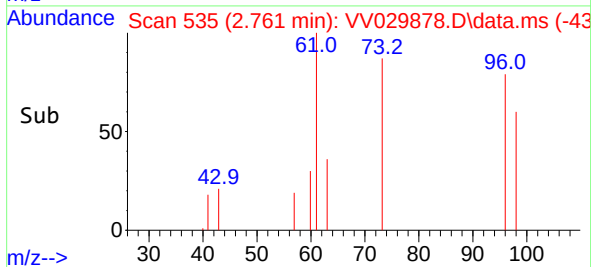
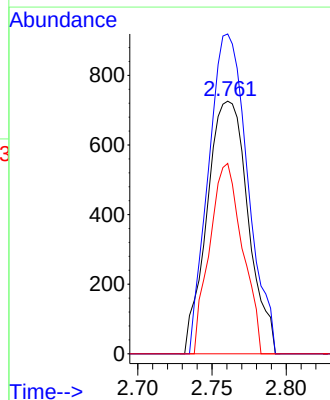
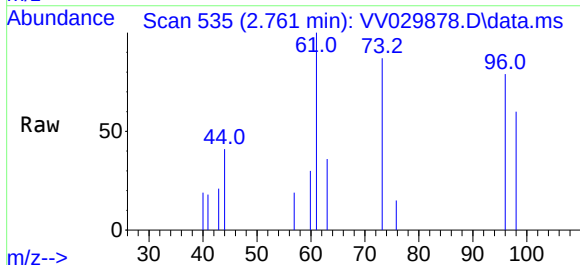
Tgt Ion: 96 Resp: 1401

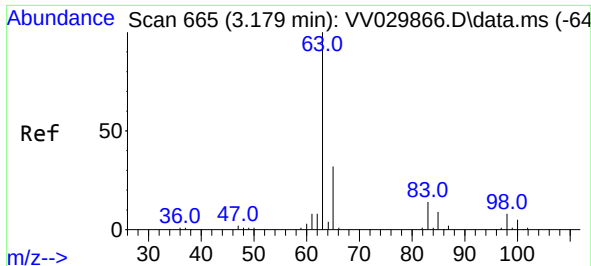
Ion Ratio Lower Upper

96 100

61 126.6 86.1 159.9

98 75.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.479 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

BGJB8

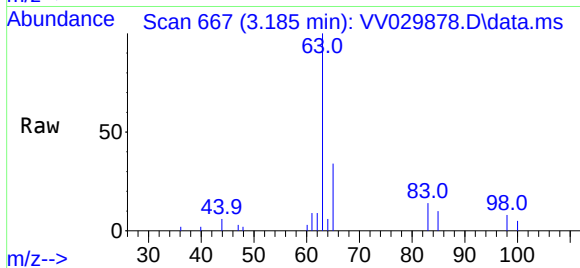
Tgt Ion: 63 Resp: 14240

Ion Ratio Lower Upper

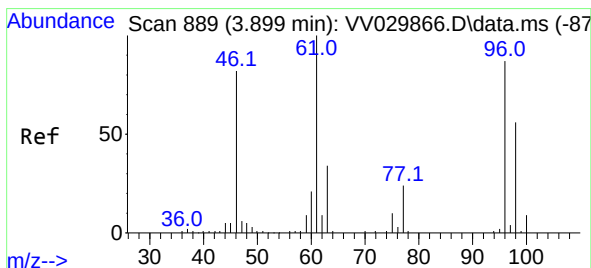
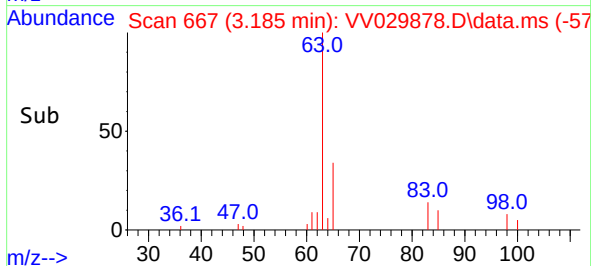
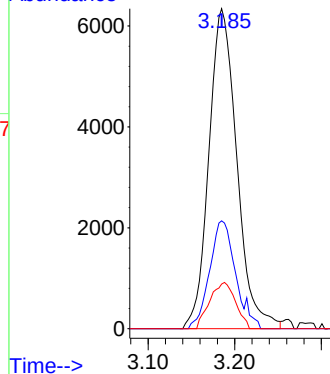
63 100

65 33.7 22.4 41.6

83 13.9 10.2 19.0



Abundance



#22

cis-1,2-Dichloroethene

Concen: 0.916 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

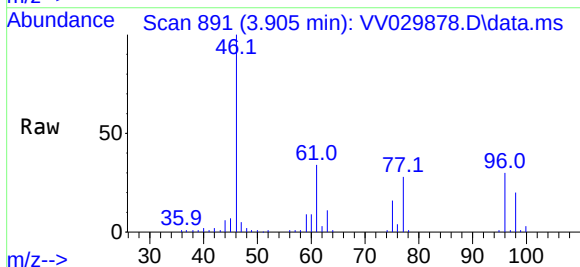
Tgt Ion: 96 Resp: 17338

Ion Ratio Lower Upper

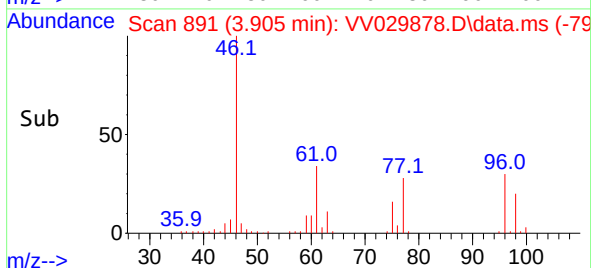
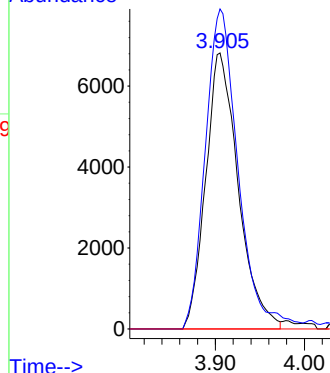
96 100

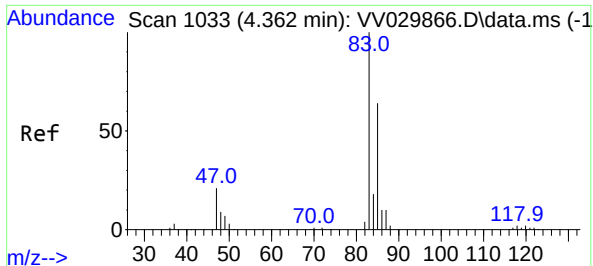
61 115.9 80.0 148.6

68 0.0 0.0 0.0



Abundance





#25

Chloroform

Concen: 0.206 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

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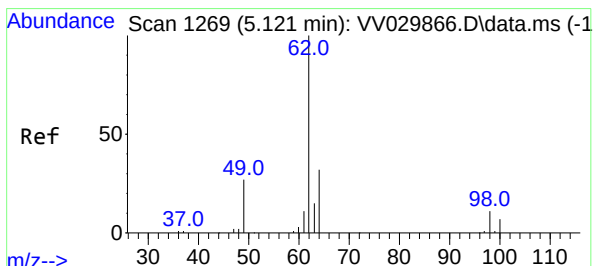
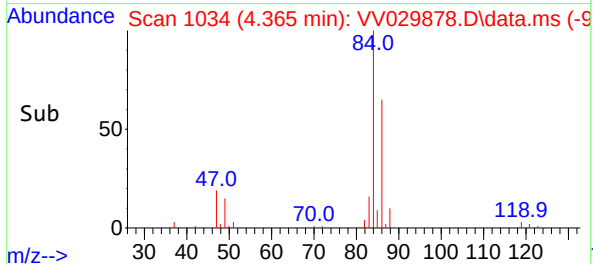
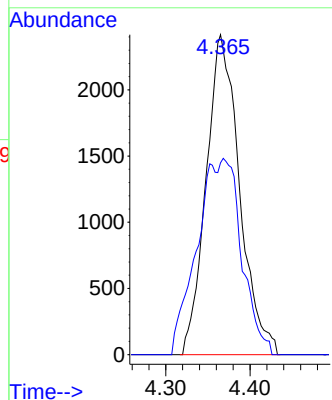
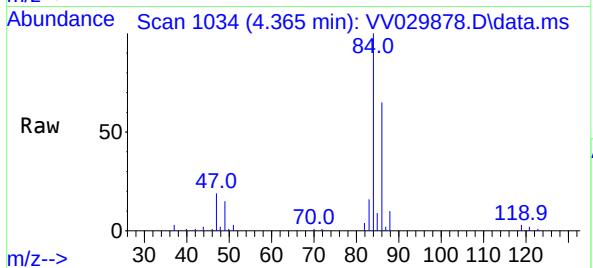
BGJB8

Tgt Ion: 83 Resp: 6653

Ion Ratio Lower Upper

83 100

85 60.0 46.5 86.5



#27

1,2-Dichloroethane

Concen: 0.062 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.068 min

Lab File: VV029878.D

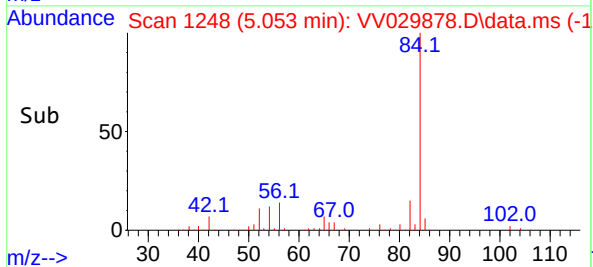
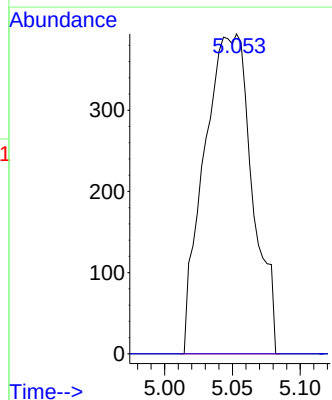
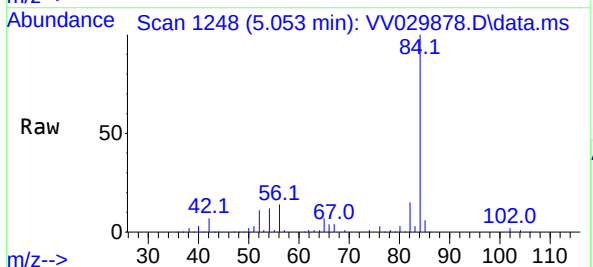
Acq: 16 Jan 2023 15:44

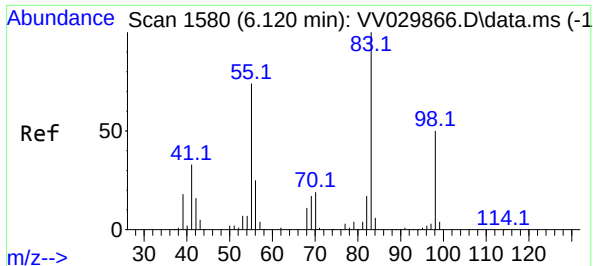
Tgt Ion: 62 Resp: 973

Ion Ratio Lower Upper

62 100

98 0.0 8.9 13.3#





#35

Methylcyclohexane

Concen: 0.537 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

BGJB8

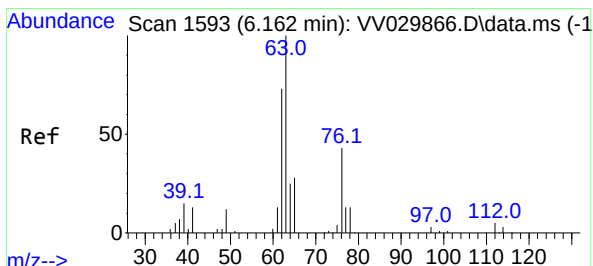
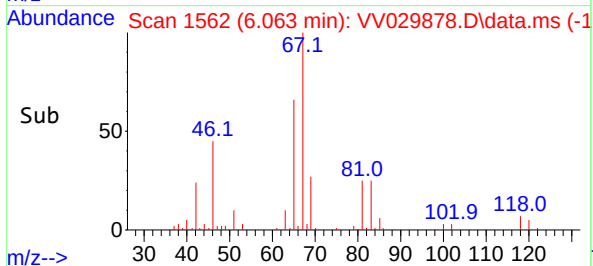
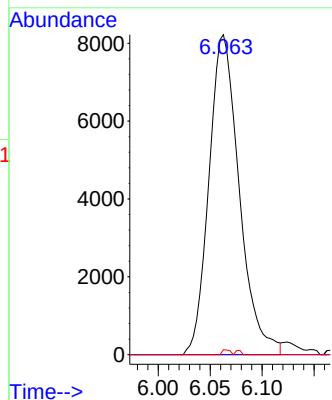
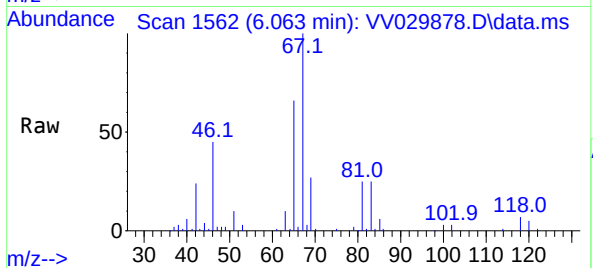
Tgt Ion: 83 Resp: 16685

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.4 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.414 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029878.D

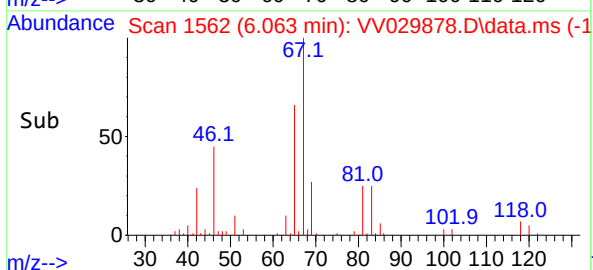
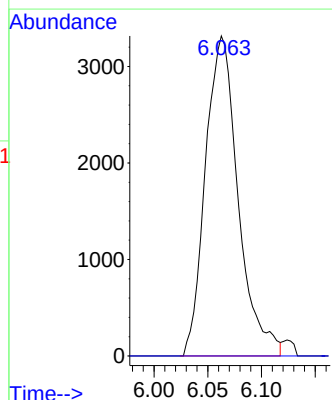
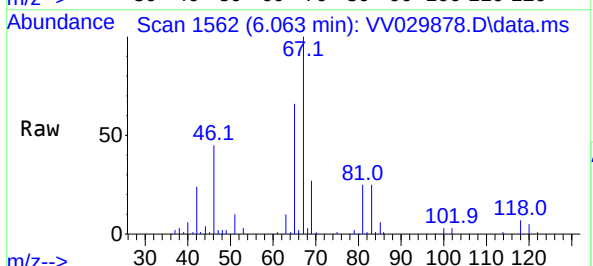
Acq: 16 Jan 2023 15:44

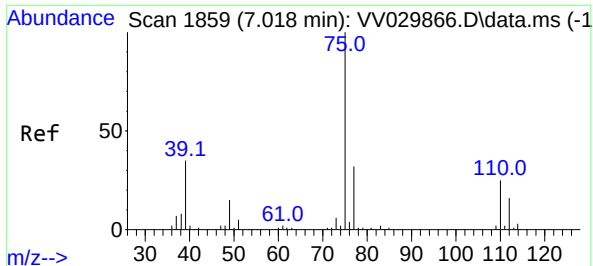
Tgt Ion: 63 Resp: 7033

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

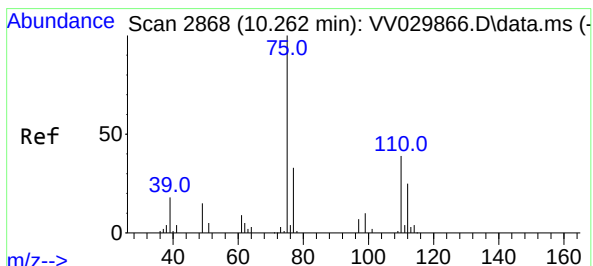
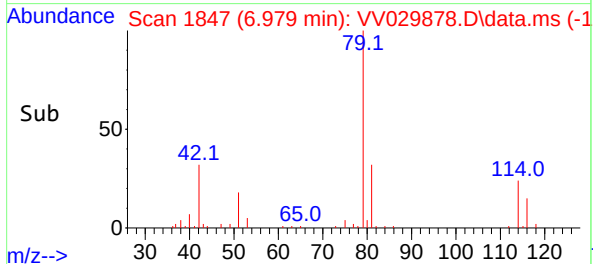
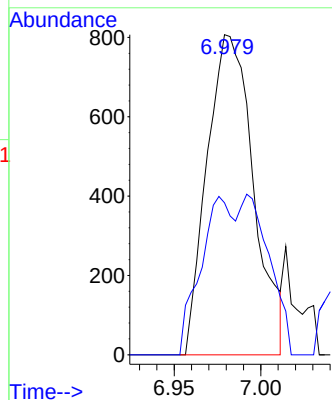
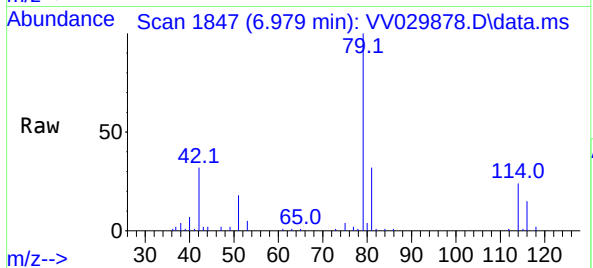
BGJB8

Tgt Ion: 75 Resp: 1506

Ion Ratio Lower Upper

75 100

77 47.5 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.518 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029878.D

Acq: 16 Jan 2023 15:44

Tgt Ion: 75 Resp: 12680

Ion Ratio Lower Upper

75 100

77 31.2 26.5 39.7

110 2.6 31.8 47.8#

