

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049170.D
 Acq On : 15 Jun 2022 15:12
 Operator : SY/MD
 Sample : N3288-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ99

Quant Time: Jun 16 04:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.304	114	126803	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	115842	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.815	152	59774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	45111	4.071	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.925	69	34260	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.584	65	17824	4.000	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.729	46	137150	46.360	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.086	84	72414	4.166	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.739	65	47596	4.991	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.751	84	168197	4.820	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.742	67	59476	5.021	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.925	98	150750	4.797	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.205	79	23953	4.552	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.661	63	125753	59.243	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.480%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	48308	5.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	56184	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.613	62	1668	0.156	ug/L #	1
8) Chloroethane	2.054	64	19260	3.121	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	687	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.597	96	127958	17.946	ug/L #	75
13) Acetone	2.755	43	19042	13.005	ug/L	76
14) Carbon disulfide	2.809	76	4916	0.209	ug/L #	90
15) Methyl Acetate	3.018	43	16328	4.170	ug/L	98
18) trans-1,2-Dichloroethene	3.379	96	742	0.094	ug/L	73
19) 1,1-Dichloroethane	3.906	63	269827	17.323	ug/L	97
21) 2-Butanone	4.806	43	100378	35.953	ug/L	95
22) cis-1,2-Dichloroethene	4.694	96	376025	42.561	ug/L	92
34) Trichloroethene	6.591	95	543747	61.711	ug/L	99
35) Methylcyclohexane	6.742	83	13294	0.900	ug/L #	17
37) 1,2-Dichloropropane	6.742	63	6525	0.689	ug/L #	89
39) cis-1,3-Dichloropropene	7.600	75	1925	0.134	ug/L #	24
61) 1,2,3-Trichloropropane	11.815	75	7670	1.144	ug/L #	67

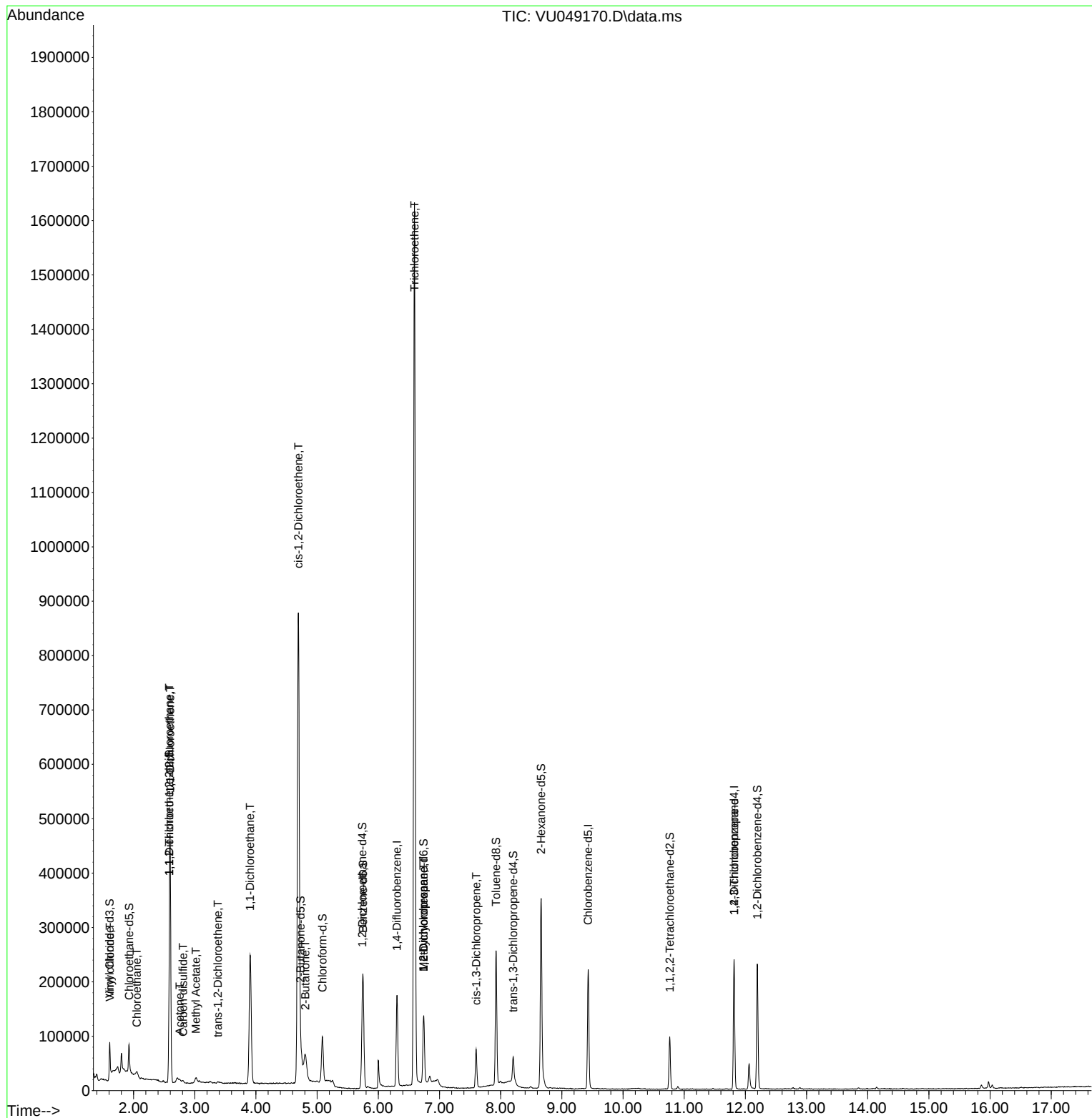
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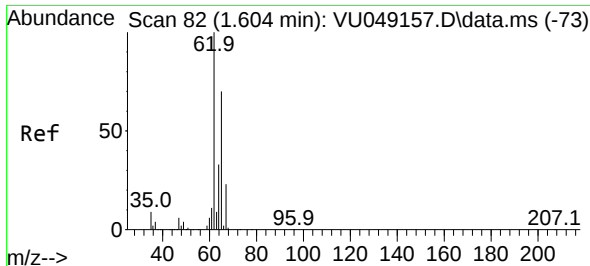
Instrument :
MSVOA_U
ClientSampleId :
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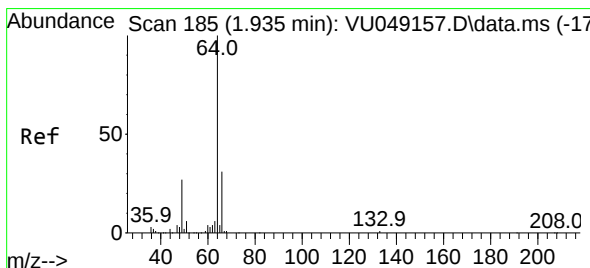
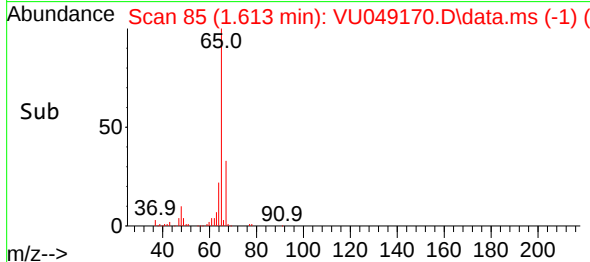
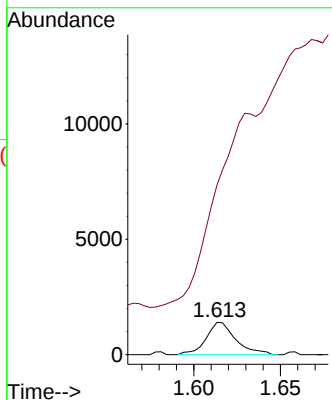
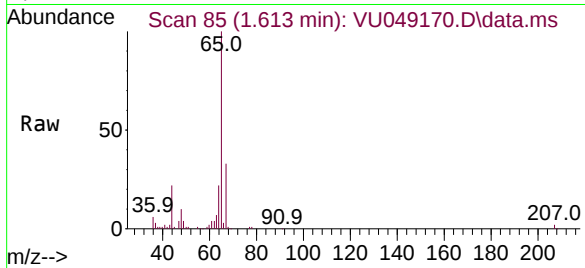




#5
 Vinyl chloride
 Concen: 0.156 ug/L
 RT: 1.613 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VU049170.D
 Acq: 15 Jun 2022 15:12

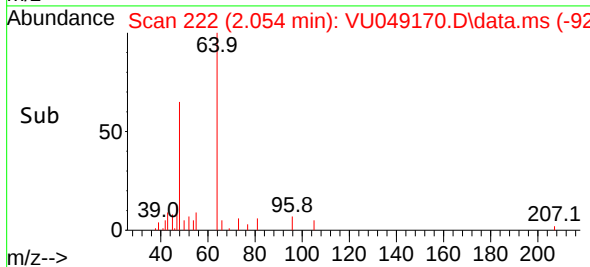
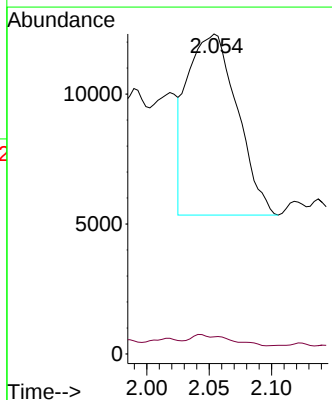
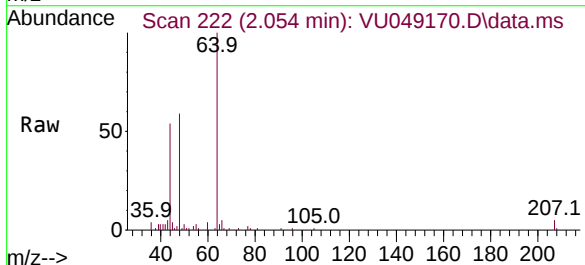
Instrument :
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 ClientSampleId :
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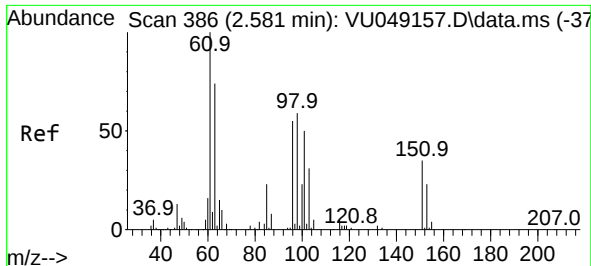
Tgt Ion: 62 Resp: 1668
 Ion Ratio Lower Upper
 62 100
 64 522.4 22.8 42.4#



#8
 Chloroethane
 Concen: 3.121 ug/L
 RT: 2.054 min Scan# 222
 Delta R.T. 0.119 min
 Lab File: VU049170.D
 Acq: 15 Jun 2022 15:12

Tgt Ion: 64 Resp: 19260
 Ion Ratio Lower Upper
 64 100
 66 5.4 20.9 38.9#

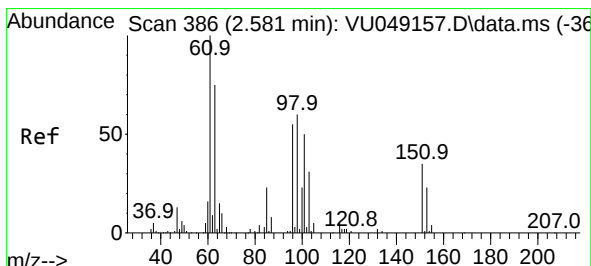
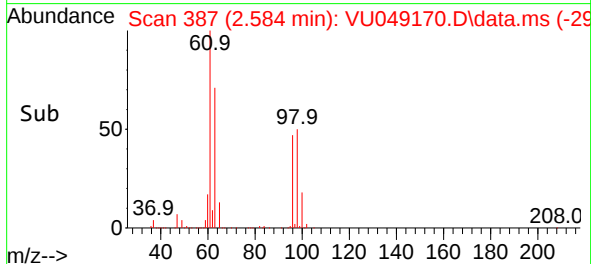
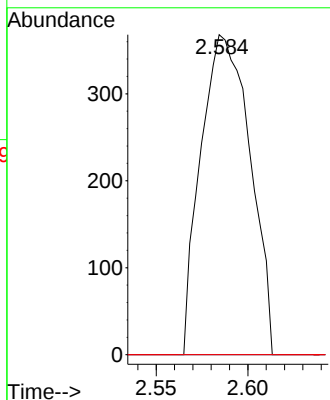
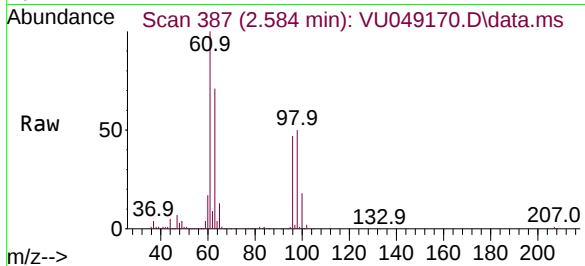




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.584 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049170.D
 Acq: 15 Jun 2022 15:12

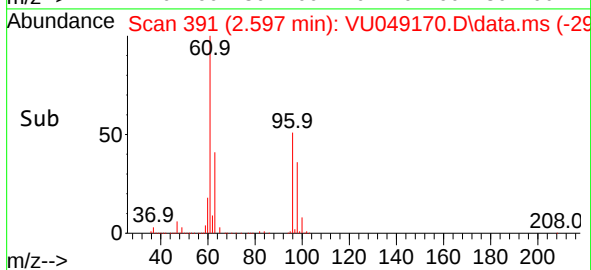
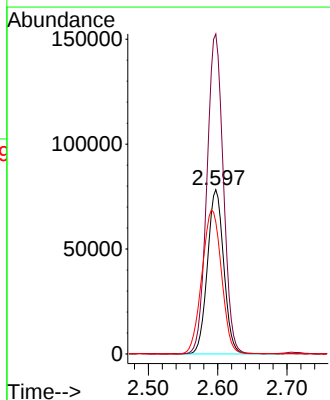
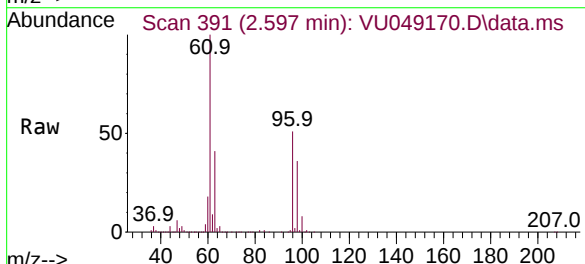
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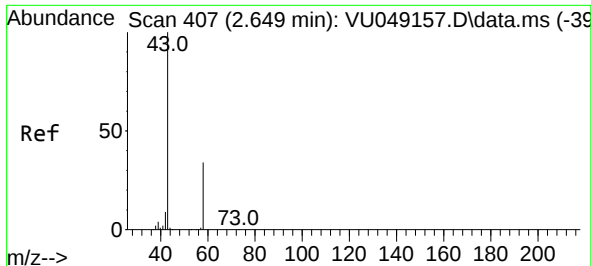
Tgt Ion:101 Resp: 687
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 17.946 ug/L
 RT: 2.597 min Scan# 391
 Delta R.T. 0.016 min
 Lab File: VU049170.D
 Acq: 15 Jun 2022 15:12

Tgt Ion: 96 Resp: 127958
 Ion Ratio Lower Upper
 96 100
 61 194.8 127.2 236.2
 63 80.3 94.7 175.9#





#13

Acetone

Concen: 13.005 ug/L

RT: 2.755 min Scan# 44

Delta R.T. 0.106 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

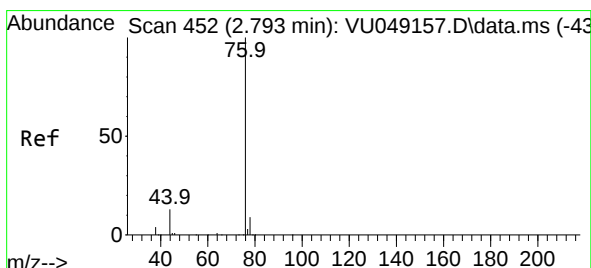
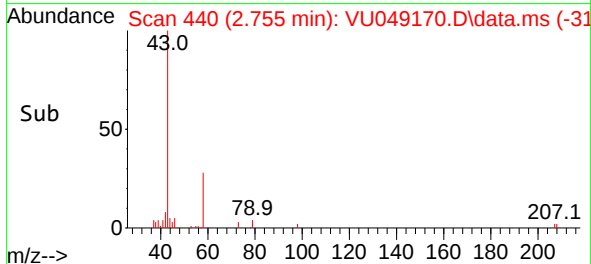
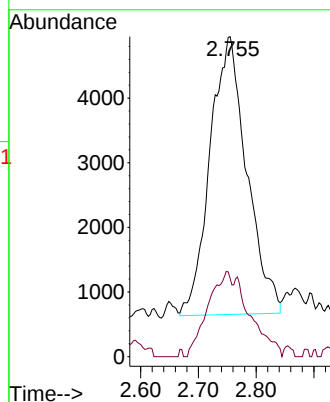
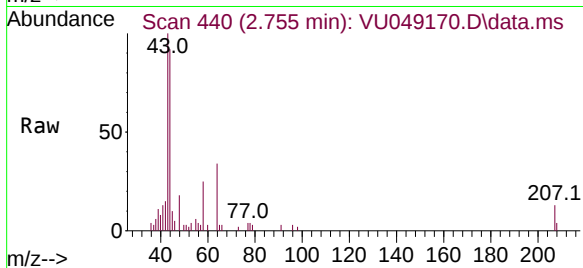
BGJ99

Tgt Ion: 43 Resp: 19042

Ion Ratio Lower Upper

43 100

58 19.4 0.0 65.8



#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.809 min Scan# 457

Delta R.T. 0.016 min

Lab File: VU049170.D

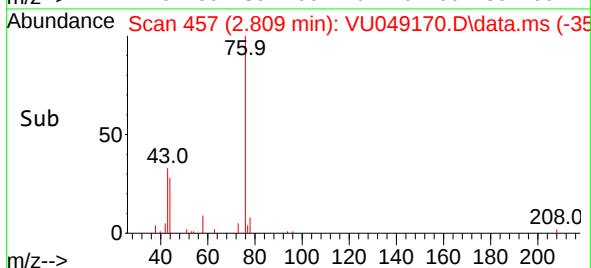
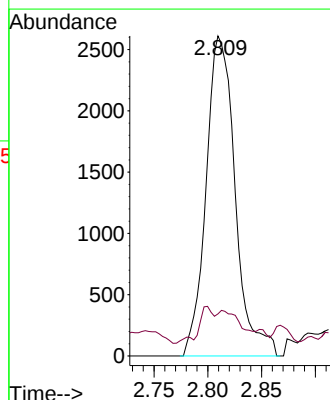
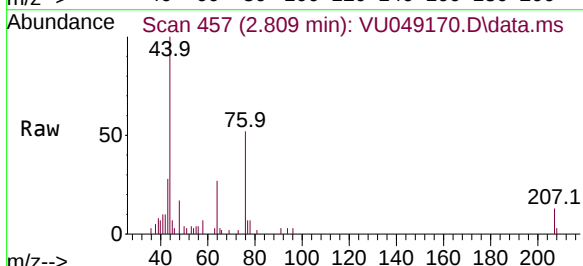
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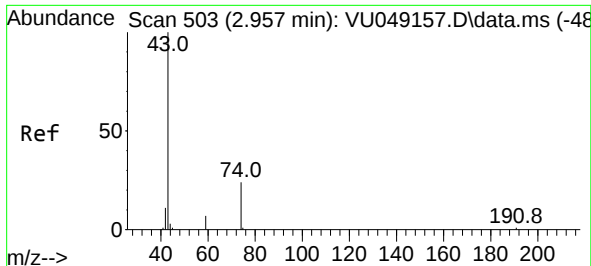
Tgt Ion: 76 Resp: 4916

Ion Ratio Lower Upper

76 100

78 13.2 7.5 11.3#

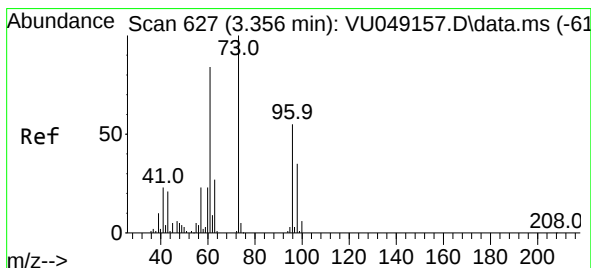
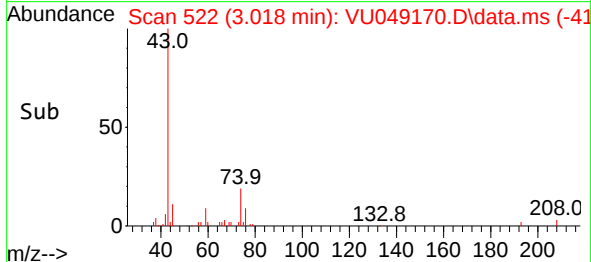
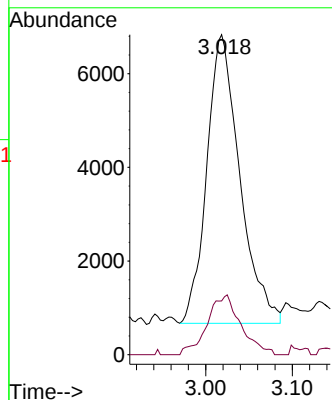
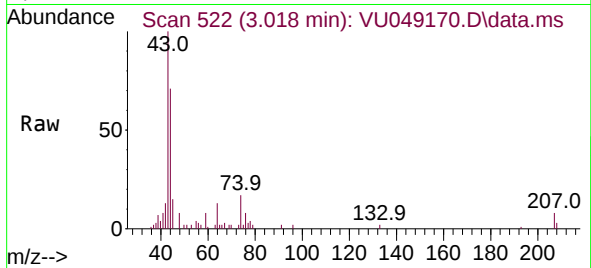




#15
Methyl Acetate
Concen: 4.170 ug/L
RT: 3.018 min Scan# 51
Delta R.T. 0.061 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

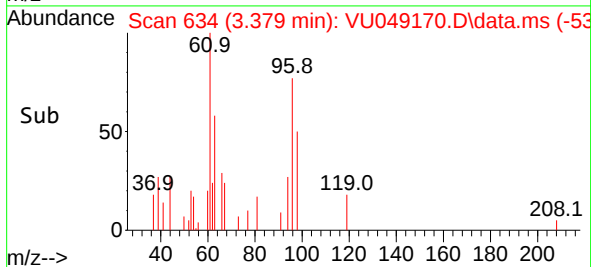
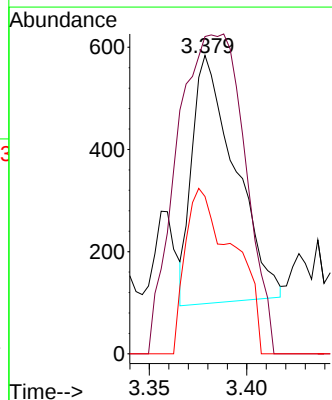
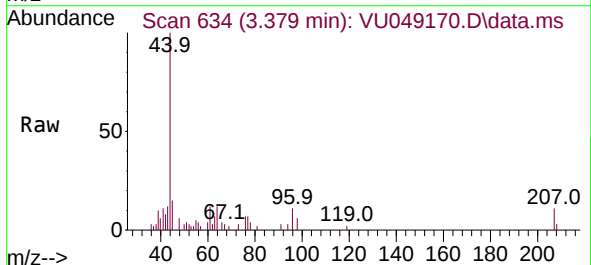
Instrument :
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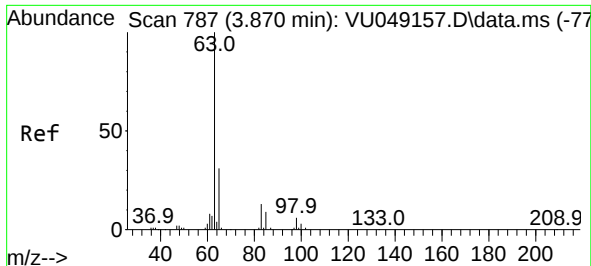
Tgt Ion: 43 Resp: 16328
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.023 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

Tgt Ion: 96 Resp: 742
Ion Ratio Lower Upper
96 100
61 106.3 103.3 191.9
98 52.7 44.0 81.8





#19

1,1-Dichloroethane

Concen: 17.323 ug/L

RT: 3.906 min Scan# 79

Delta R.T. 0.035 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

BGJ99

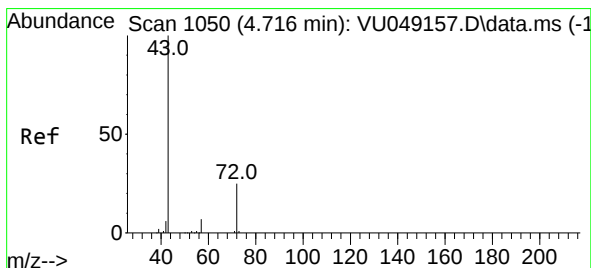
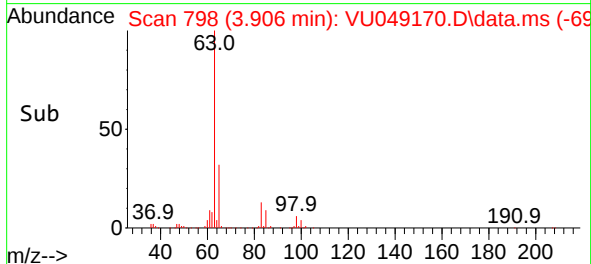
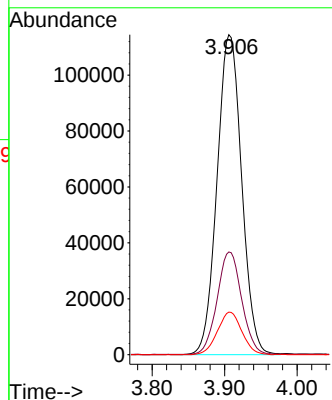
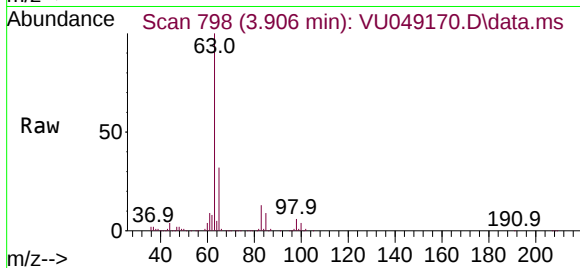
Tgt Ion: 63 Resp: 269827

Ion Ratio Lower Upper

63 100

65 32.1 24.0 44.6

83 13.3 9.1 16.9



#21

2-Butanone

Concen: 35.953 ug/L

RT: 4.806 min Scan# 1078

Delta R.T. 0.090 min

Lab File: VU049170.D

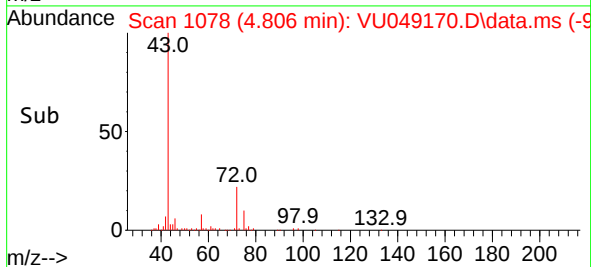
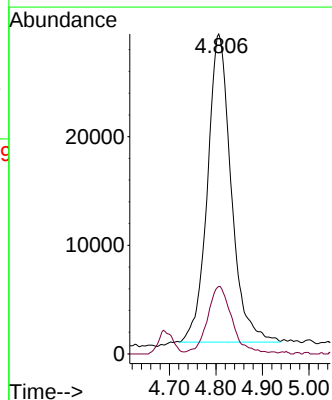
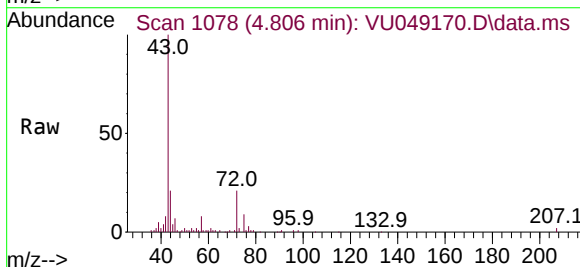
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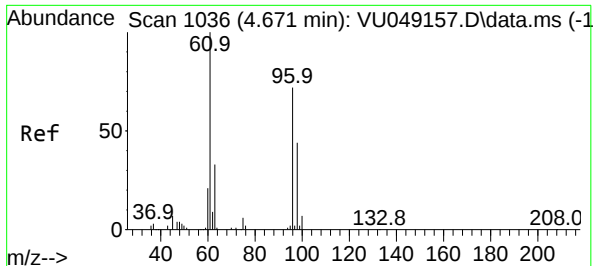
Tgt Ion: 43 Resp: 100378

Ion Ratio Lower Upper

43 100

72 21.9 12.2 36.6

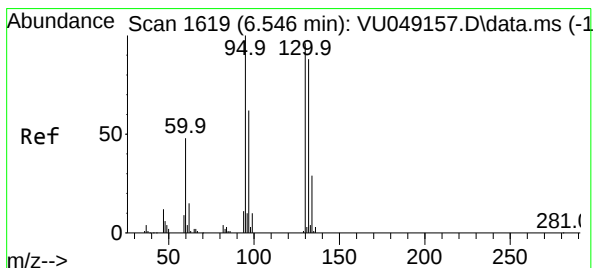
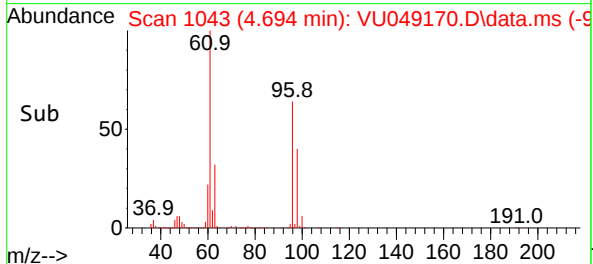
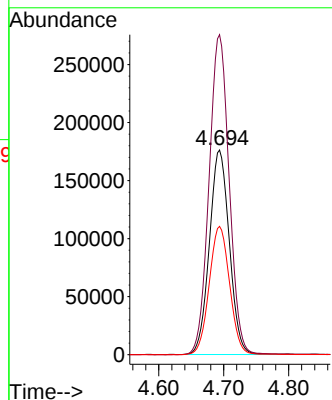
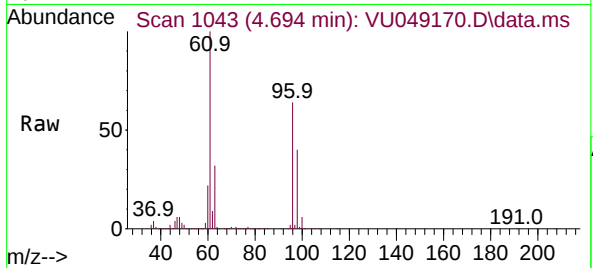




#22
cis-1,2-Dichloroethene
Concen: 42.561 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. 0.023 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

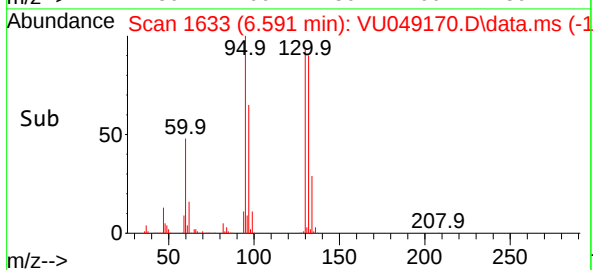
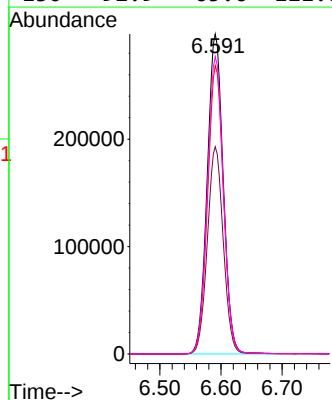
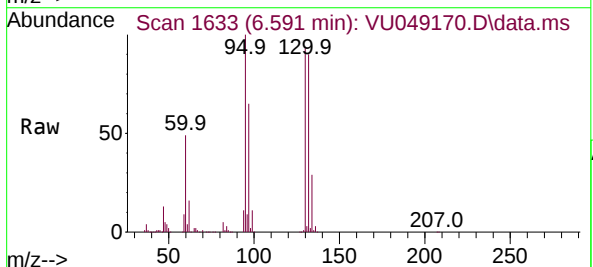
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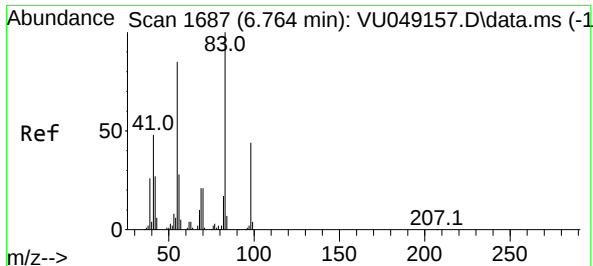
Tgt Ion: 96 Resp: 376025
Ion Ratio Lower Upper
96 100
61 156.4 99.5 184.9
98 62.7 44.8 83.2



#34
Trichloroethene
Concen: 61.711 ug/L
RT: 6.591 min Scan# 1633
Delta R.T. 0.045 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

Tgt Ion: 95 Resp: 543747
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 90.1 61.5 114.3
130 92.9 65.6 121.8





#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.742 min Scan# 1680

Delta R.T. -0.022 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

BGJ99

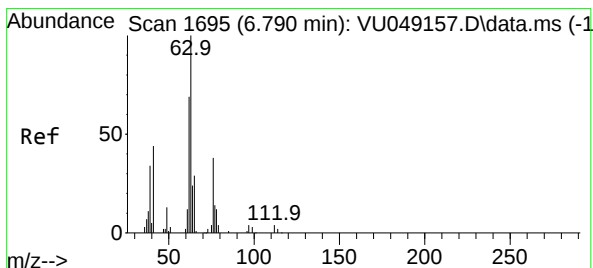
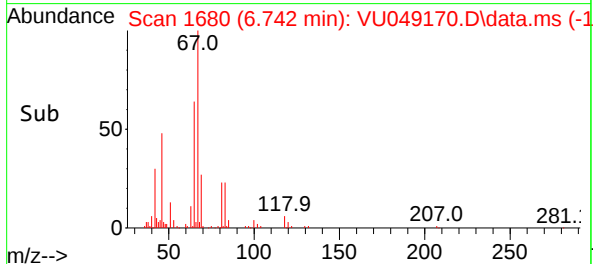
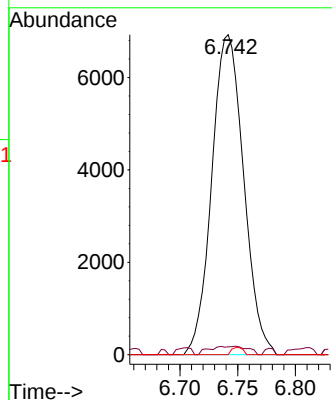
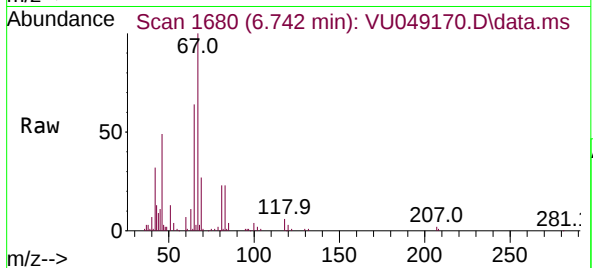
Tgt Ion: 83 Resp: 13294

Ion Ratio Lower Upper

83 100

55 1.4 66.9 100.3#

98 0.0 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.742 min Scan# 1680

Delta R.T. -0.048 min

Lab File: VU049170.D

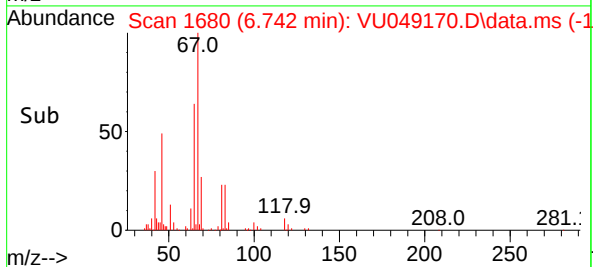
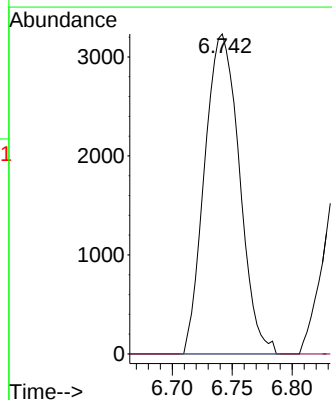
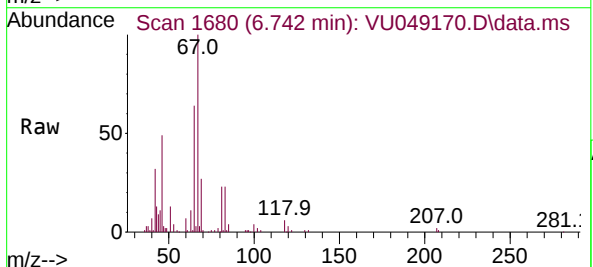
Acq: 15 Jun 2022 15:12

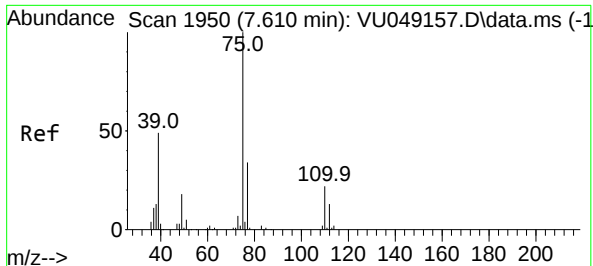
Tgt Ion: 63 Resp: 6525

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 7.600 min Scan# 1950

Delta R.T. -0.010 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

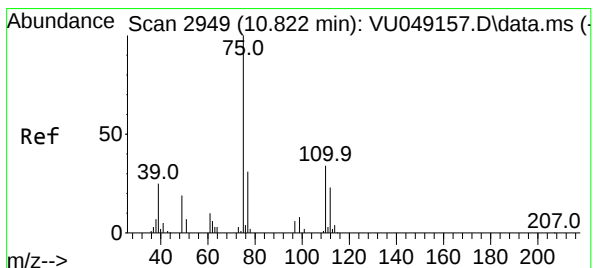
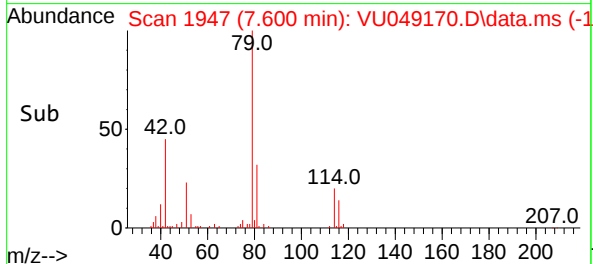
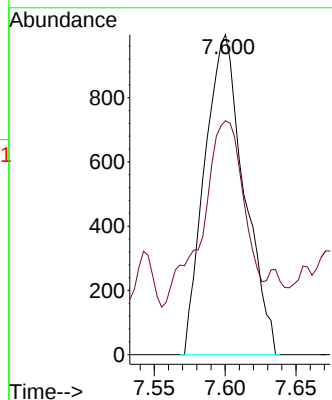
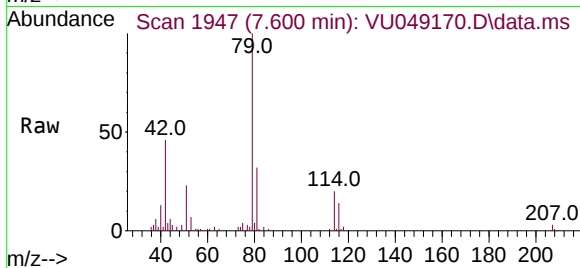
BGJ99

Tgt Ion: 75 Resp: 1925

Ion Ratio Lower Upper

75 100

77 73.1 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.144 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Tgt Ion: 75 Resp: 7670

Ion Ratio Lower Upper

75 100

110 2.7 29.0 43.4#

77 36.8 26.2 39.2

