

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049918.D
 Acq On : 26 Jul 2022 17:34
 Operator : SY/MD
 Sample : N3870-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ08DL

Quant Time: Jul 27 03:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

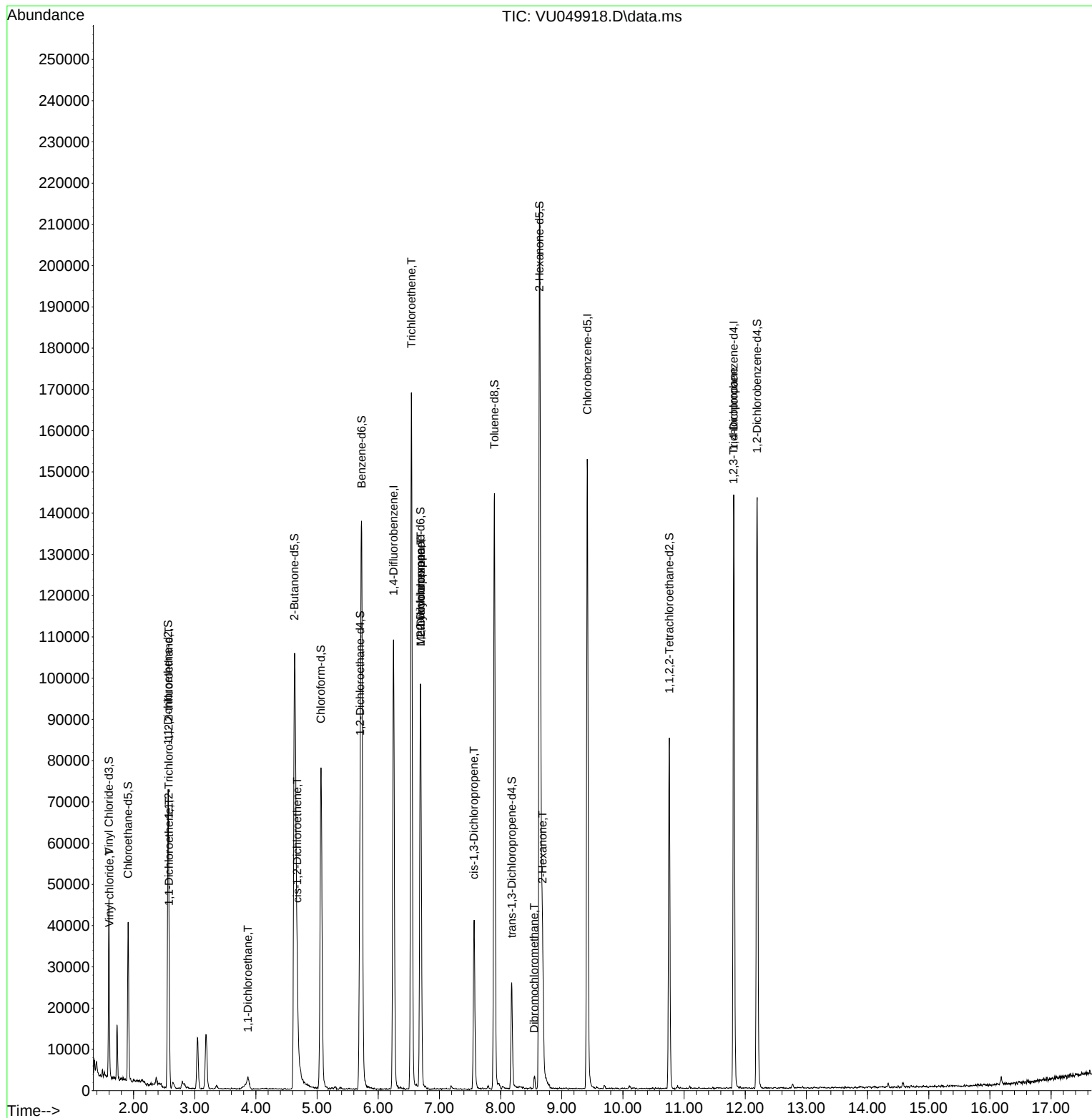
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	84577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29148	4.257	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.909	69	26391	4.605	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.565	65	12483	4.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.600%	
20) 2-Butanone-d5	4.629	46	134926	54.766	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.540%	
24) Chloroform-d	5.063	84	71188	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.703	65	42473	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.729	84	121833	4.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.690	67	46338	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.899	98	96239	3.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.182	79	14768	4.147	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.636	63	64446	45.668	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42088	5.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35943	4.652	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	773	0.084	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3866	0.700	ug/L	90
12) 1,1-Dichloroethene	2.581	96	1271	0.227	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	1875	0.134	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	5568	0.744	ug/L	97
34) Trichloroethene	6.543	95	56110	7.654	ug/L	97
35) Methylcyclohexane	6.694	83	10058	1.112	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5361	0.622	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1188	0.105	ug/L	91
48) 2-Hexanone	8.687	43	19711	4.394	ug/L #	94
49) Dibromochloromethane	8.549	129	678	0.099	ug/L #	14
61) 1,2,3-Trichloropropane	11.809	75	4961	0.995	ug/L #	66

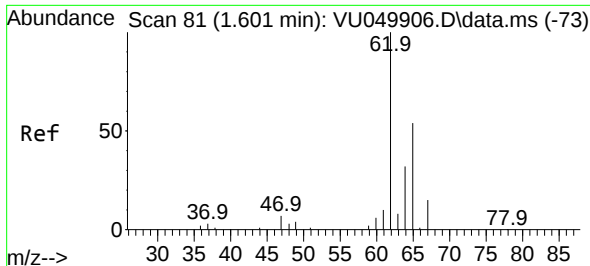
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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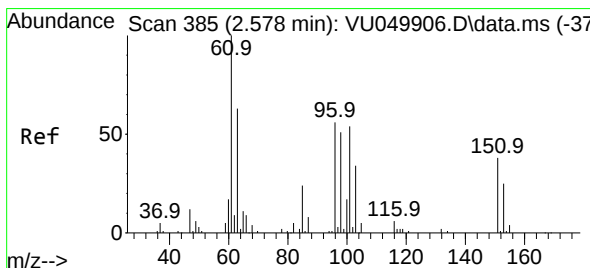
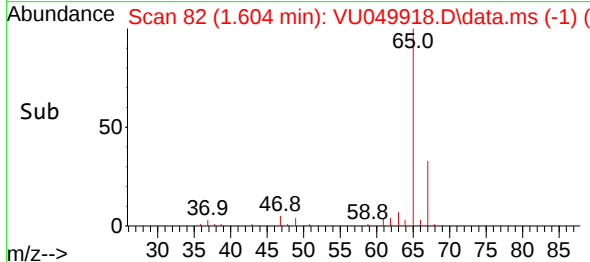
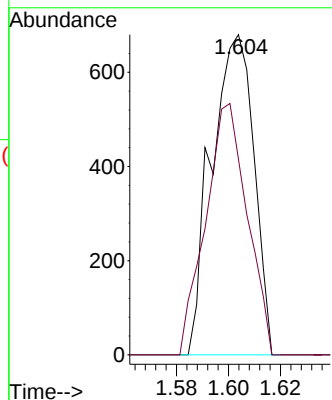
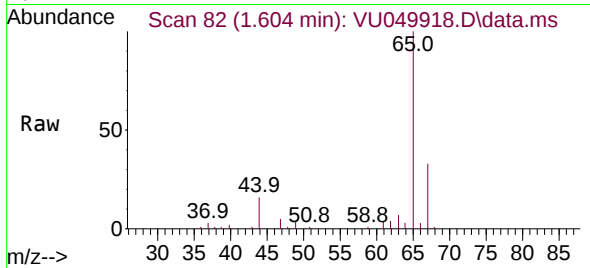




#5
 Vinyl chloride
 Concen: 0.084 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049918.D
 Acq: 26 Jul 2022 17:34

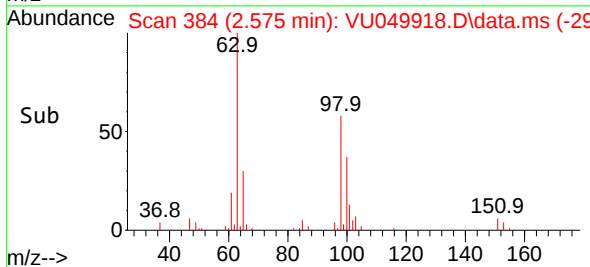
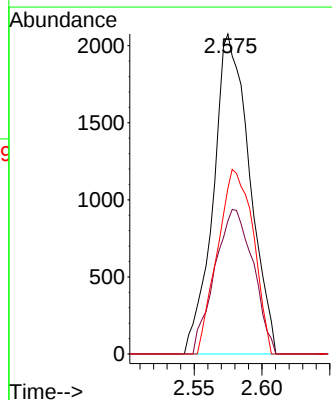
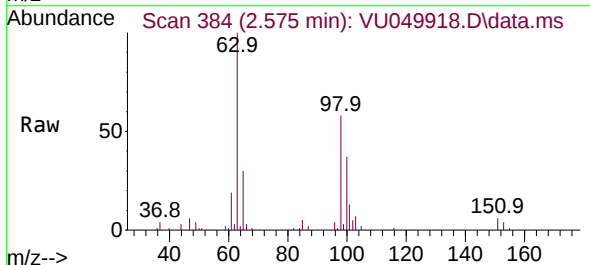
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ08DL

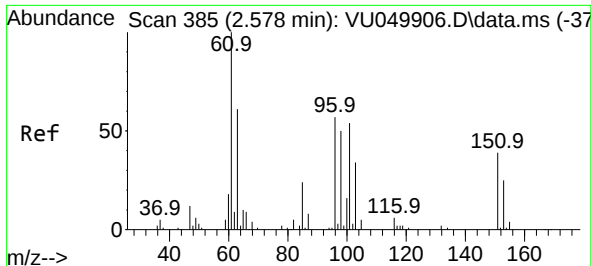
Tgt Ion: 62 Resp: 773
 Ion Ratio Lower Upper
 62 100
 64 61.2 22.7 42.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.700 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049918.D
 Acq: 26 Jul 2022 17:34

Tgt Ion: 101 Resp: 3866
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.2 55.8
 151 56.8 56.0 84.0





#12

1,1-Dichloroethene

Concen: 0.227 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

GBJ08DL

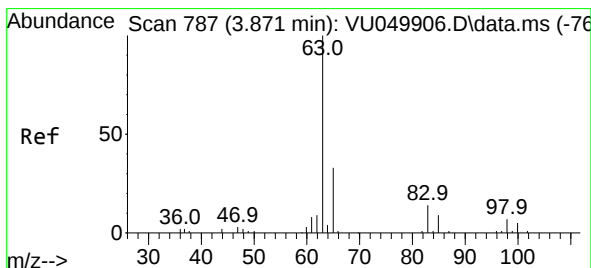
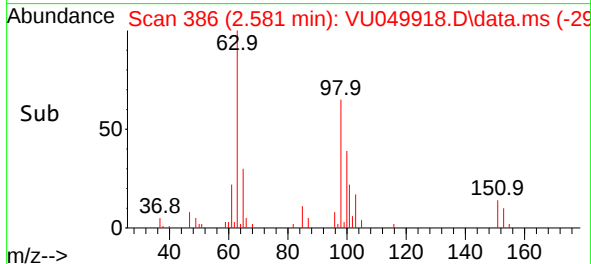
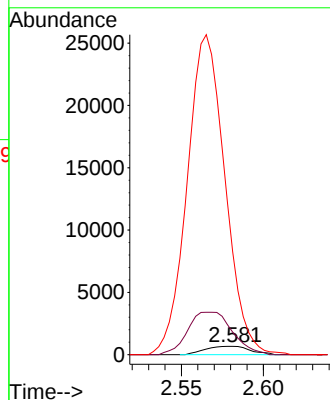
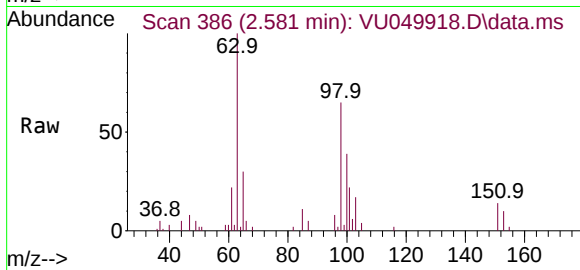
Tgt Ion: 96 Resp: 1271

Ion Ratio Lower Upper

96 100

61 273.6 131.6 244.4#

63 1243.5 100.0 185.6#



#19

1,1-Dichloroethane

Concen: 0.134 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

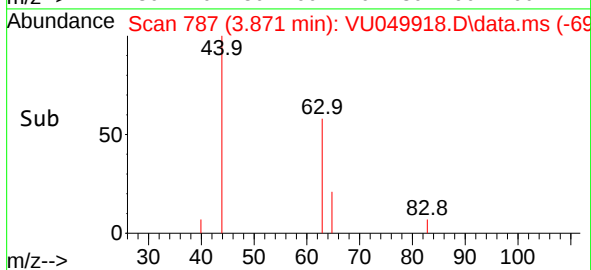
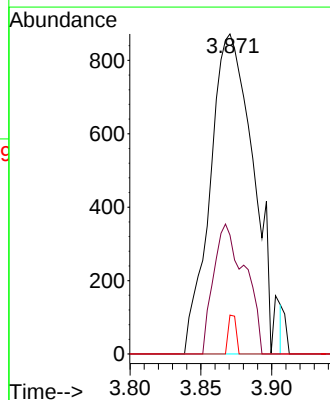
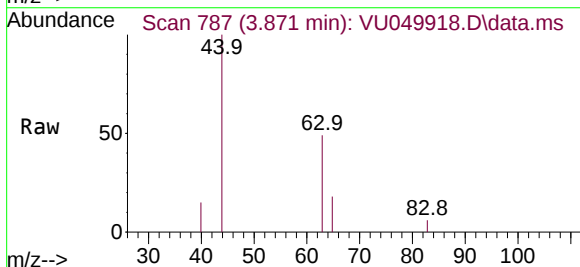
Tgt Ion: 63 Resp: 1875

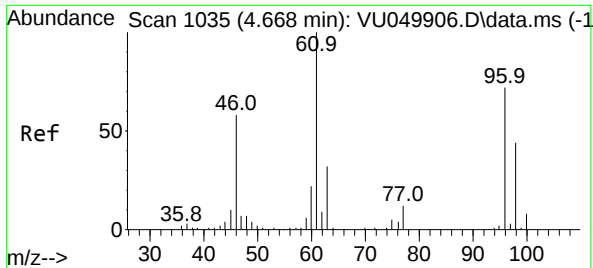
Ion Ratio Lower Upper

63 100

65 37.2 22.5 41.9

83 12.2 8.3 15.5





#22

cis-1,2-Dichloroethene

Concen: 0.744 ug/L

RT: 4.674 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

GBJ08DL

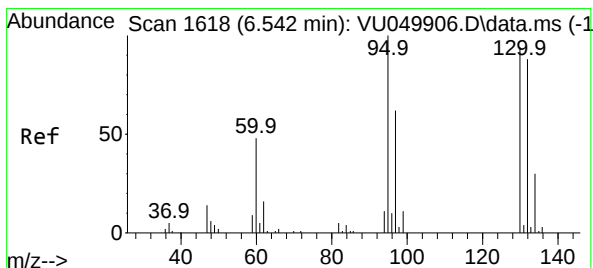
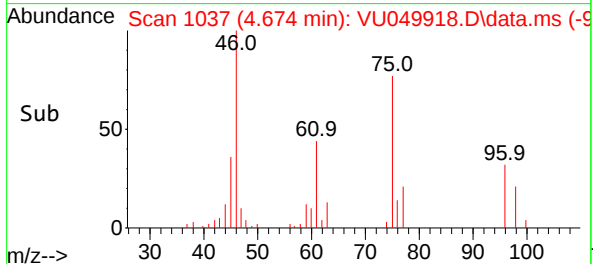
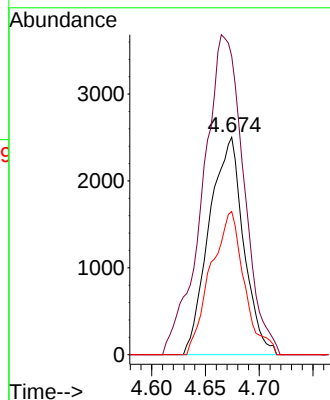
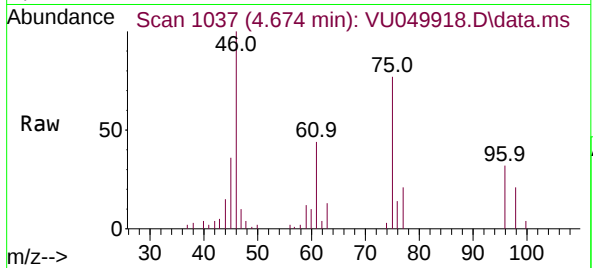
Tgt Ion: 96 Resp: 5568

Ion Ratio Lower Upper

96 100

61 137.2 93.9 174.3

98 65.9 43.9 81.5



#34

Trichloroethene

Concen: 7.654 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Tgt Ion: 95 Resp: 56110

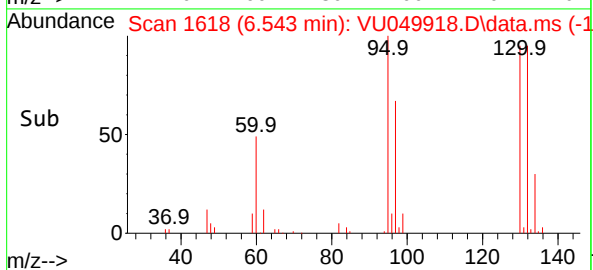
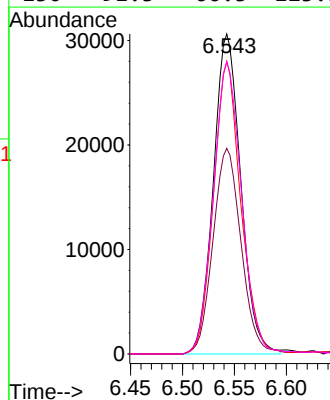
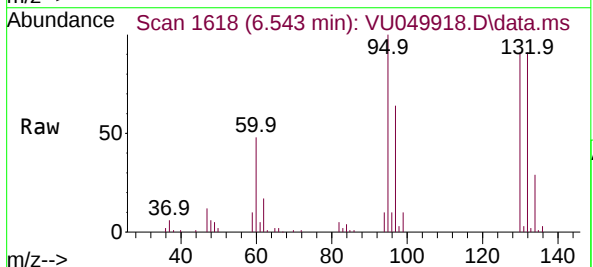
Ion Ratio Lower Upper

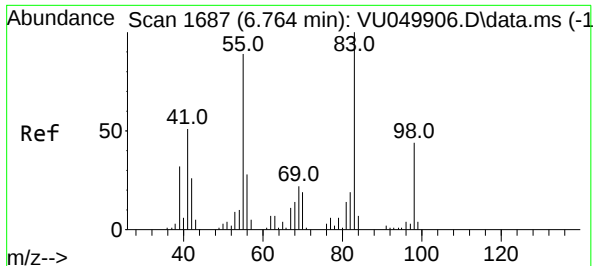
95 100

97 64.3 46.8 86.8

132 91.4 61.8 114.8

130 91.3 66.3 123.1





#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

GBJ08DL

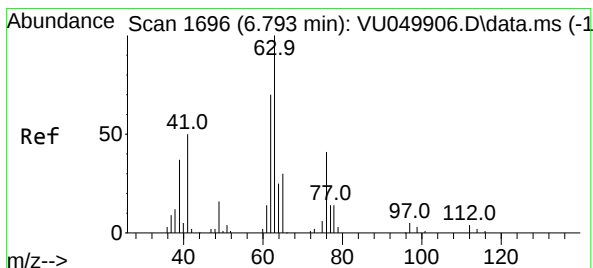
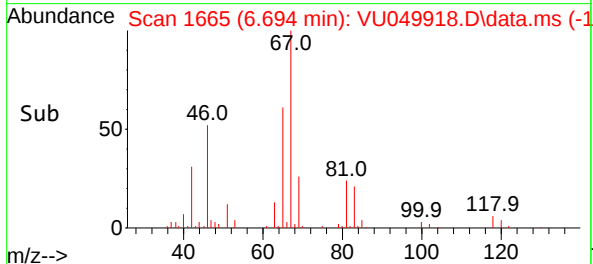
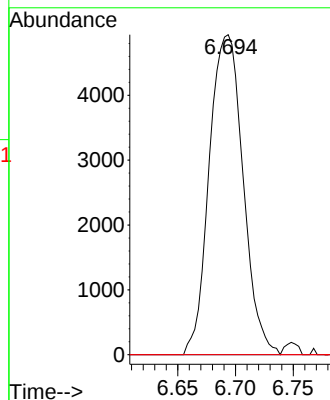
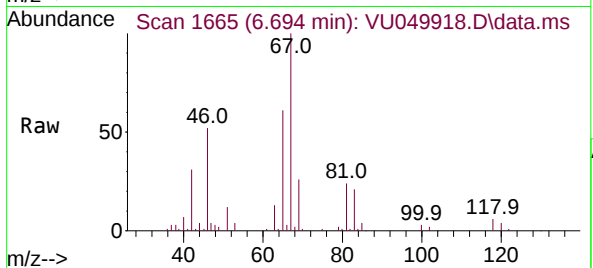
Tgt Ion: 83 Resp: 10058

Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

98 6.5 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU049918.D

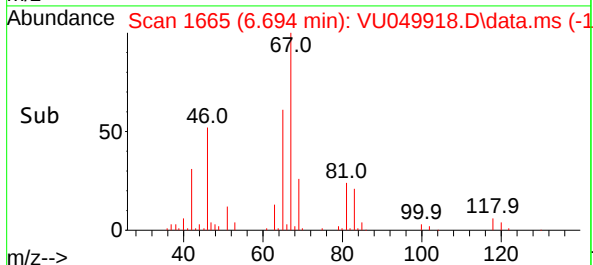
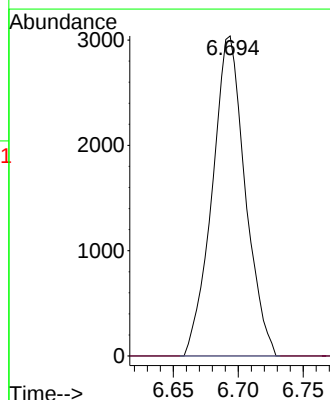
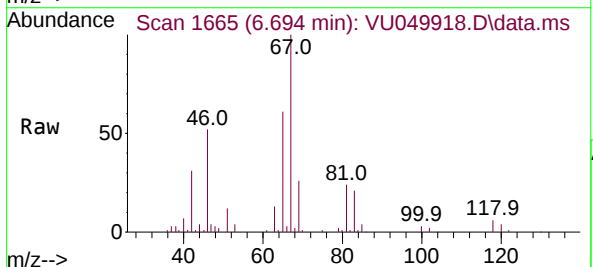
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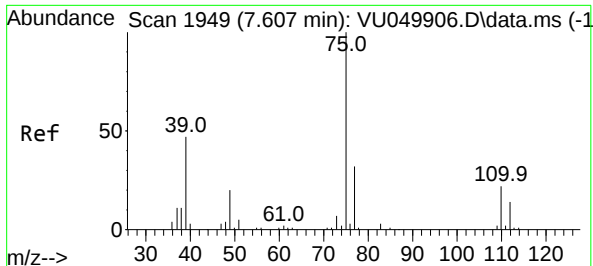
Tgt Ion: 63 Resp: 5361

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

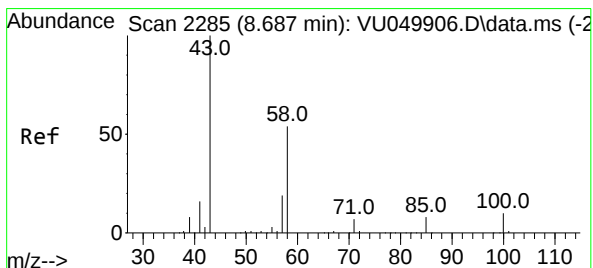
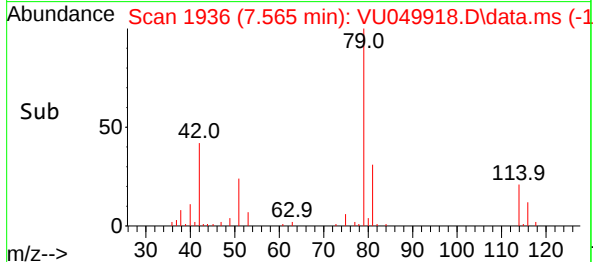
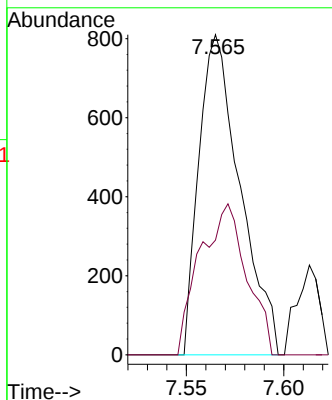
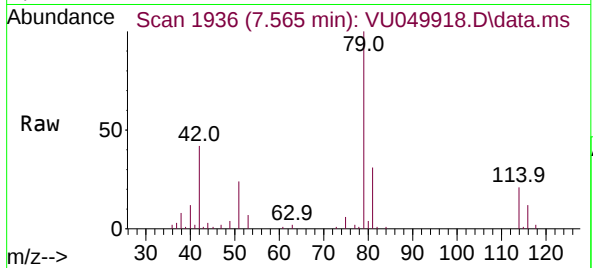
GBJ08DL

Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

77 35.8 21.6 40.0



#48

2-Hexanone

Concen: 4.394 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Tgt Ion: 43 Resp: 19711

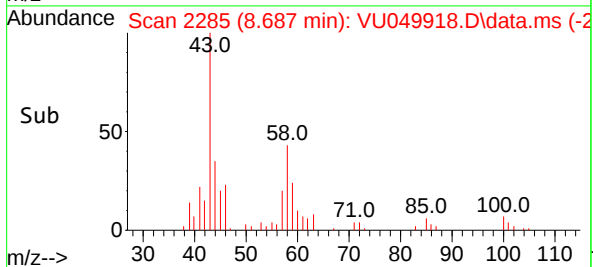
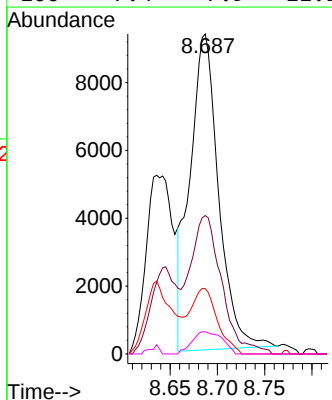
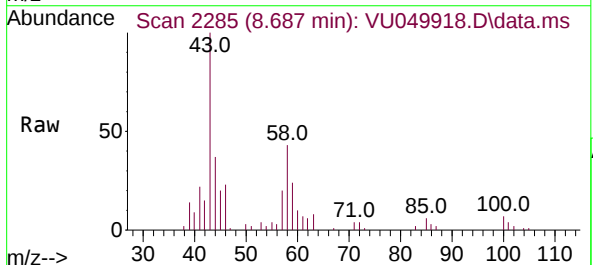
Ion Ratio Lower Upper

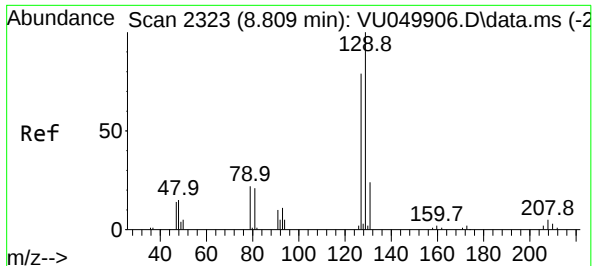
43 100

58 48.0 42.1 63.1

57 19.1 14.3 21.5

100 7.4 7.9 11.9#





#49

Dibromochloromethane

Concen: 0.099 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Instrument :

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ClientSampleId :

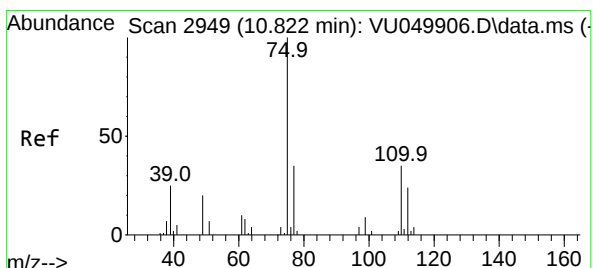
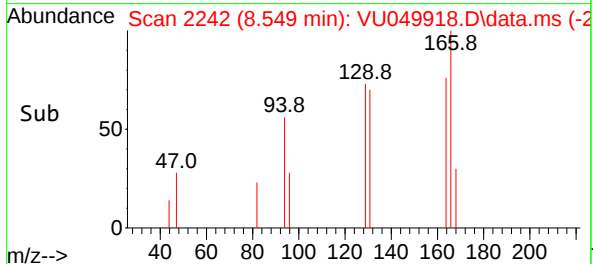
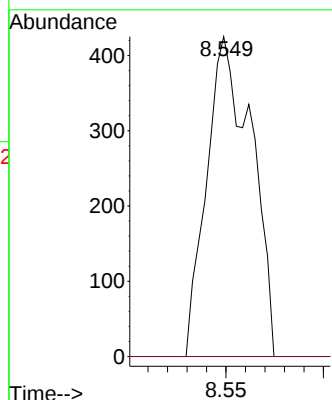
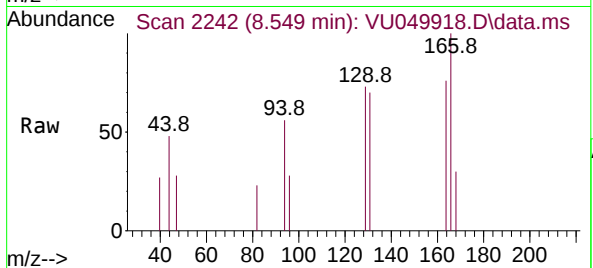
GBJ08DL

Tgt Ion:129 Resp: 678

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 0.995 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049918.D

Acq: 26 Jul 2022 17:34

Tgt Ion: 75 Resp: 4961

Ion Ratio Lower Upper

75 100

110 0.4 28.0 42.0#

77 35.4 25.4 38.2

