

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049898.D
 Acq On : 26 Jul 2022 04:42
 Operator : SY/MD
 Sample : N3870-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ14

Quant Time: Jul 26 06:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

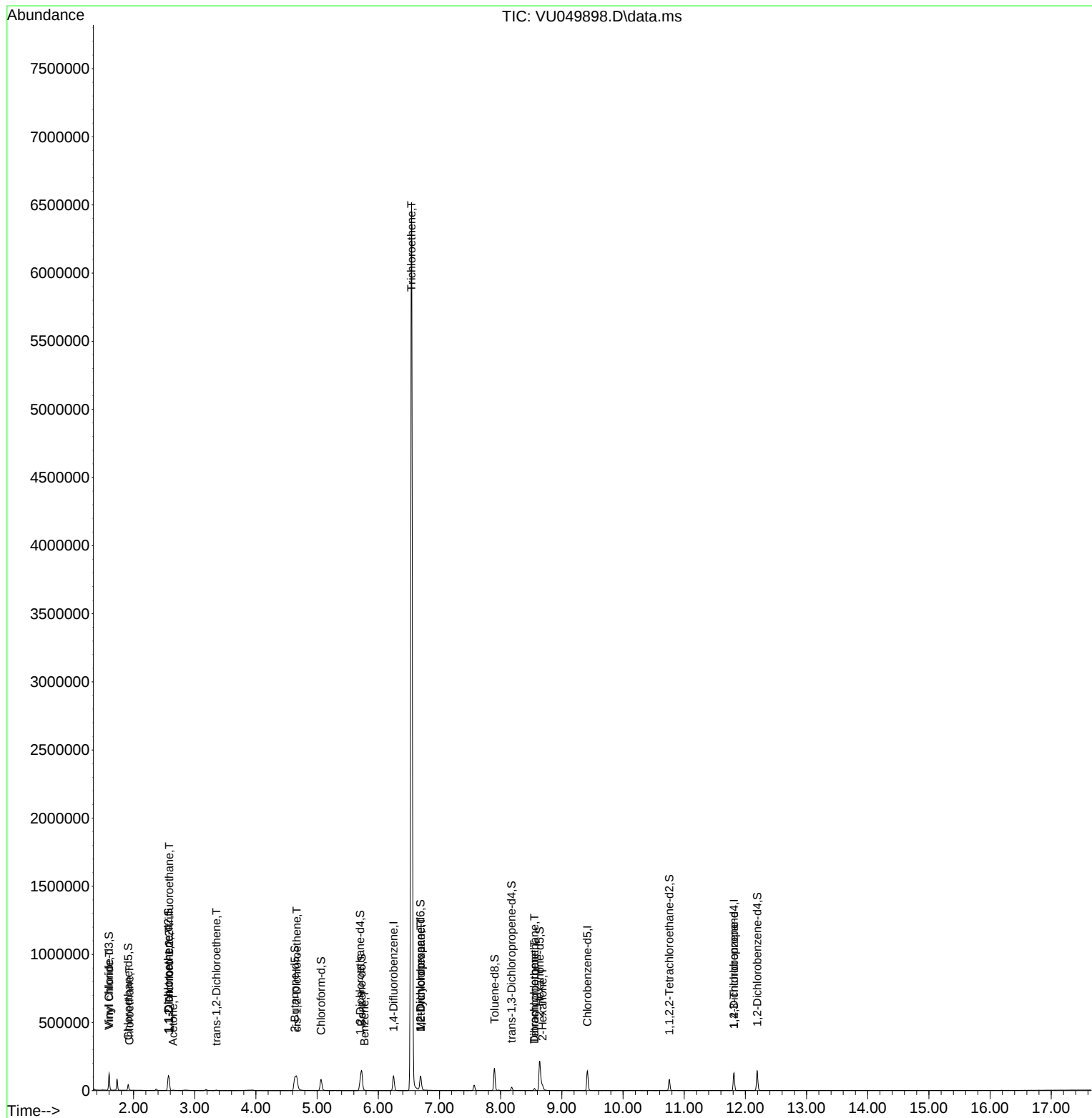
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30576	4.565	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.912	69	27259	4.863	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.565	65	13404	4.484	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	4.636	46	134924	55.991	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.980%	
24) Chloroform-d	5.063	84	76148	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.703	65	44870	5.130	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.729	84	132409	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.690	67	49363	5.352	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.899	98	106209	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.179	79	14923	4.456	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.636	63	65374	49.267	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41432	5.349	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	36212	5.276	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	57895	6.444	ug/L	98
8) Chloroethane	1.932	64	530	0.102	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	14303	2.648	ug/L	99
12) 1,1-Dichloroethene	2.578	96	8940	1.636	ug/L #	31
13) Acetone	2.646	43	5731	3.954	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	1770	0.280	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	36145	4.939	ug/L	96
33) Benzene	5.774	78	1712	0.060	ug/L	100
34) Trichloroethene	6.542	95	2213439	321.107	ug/L	97
35) Methylcyclohexane	6.694	83	11495	1.352	ug/L #	15
37) 1,2-Dichloropropane	6.694	63	5352	0.660	ug/L #	89
47) Tetrachloroethene	8.552	164	3074	0.648	ug/L	91
48) 2-Hexanone	8.684	43	18359	4.352	ug/L #	97
49) Dibromochloromethane	8.552	129	3286	0.508	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4373	0.987	ug/L #	68

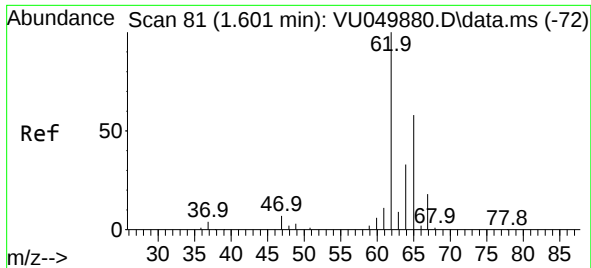
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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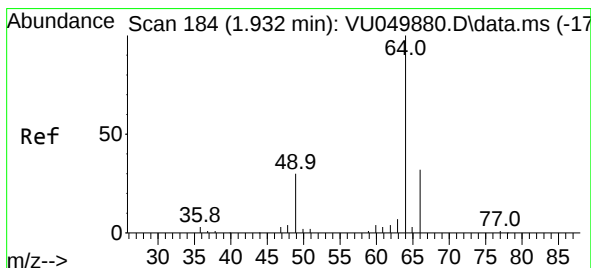
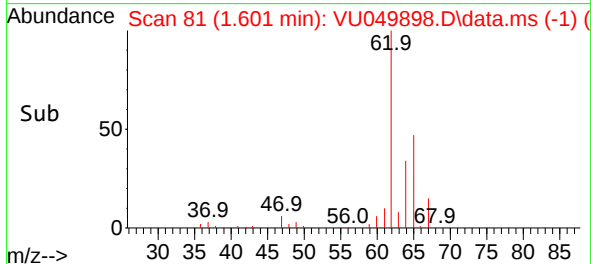
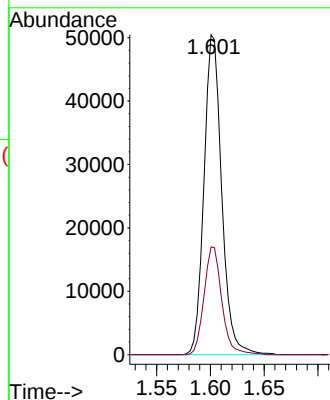
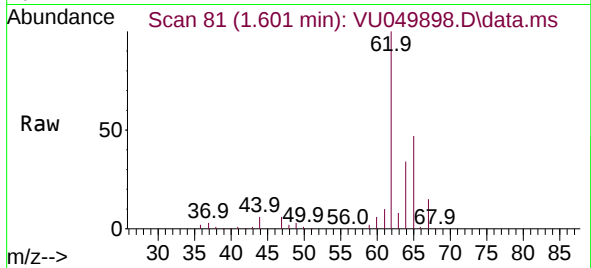




#5
 Vinyl chloride
 Concen: 6.444 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049898.D
 Acq: 26 Jul 2022 04:42

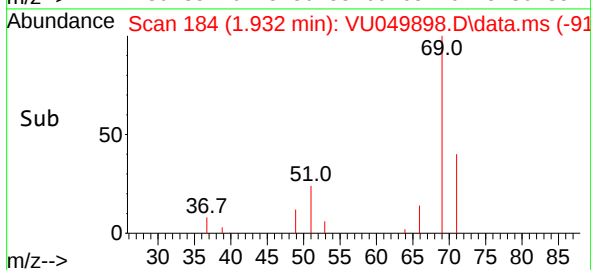
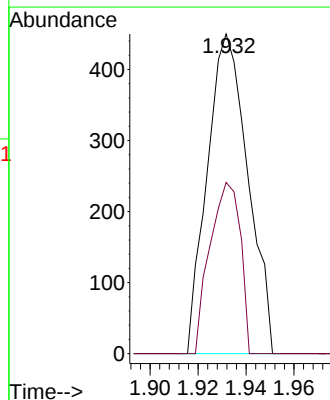
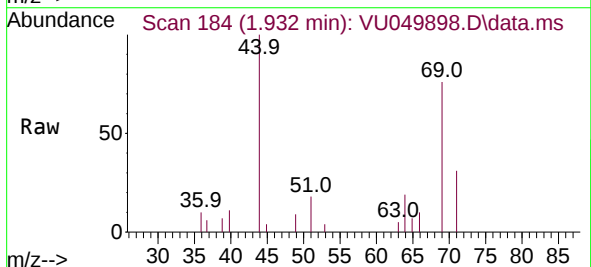
Instrument :
 MSVOA_U
 ClientSampleId :
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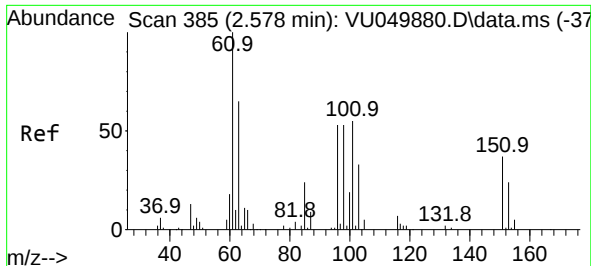
Tgt Ion: 62 Resp: 57895
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.3



#8
 Chloroethane
 Concen: 0.102 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.000 min
 Lab File: VU049898.D
 Acq: 26 Jul 2022 04:42

Tgt Ion: 64 Resp: 530
 Ion Ratio Lower Upper
 64 100
 66 53.6 22.7 42.3#

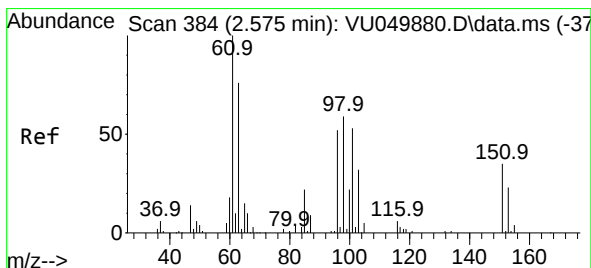
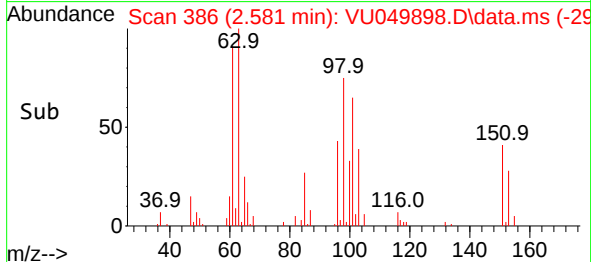
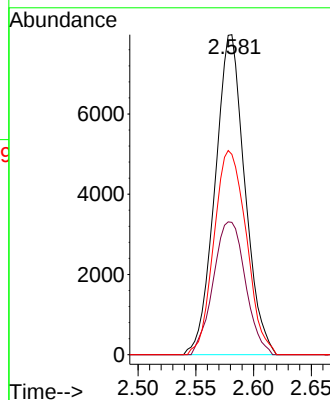
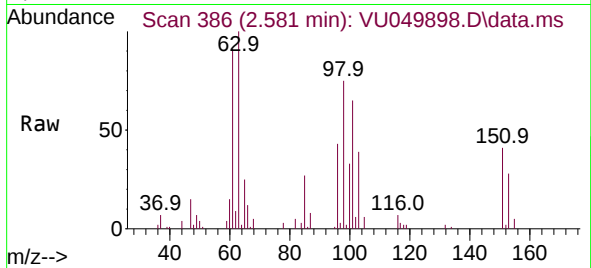




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.648 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049898.D
Acq: 26 Jul 2022 04:42

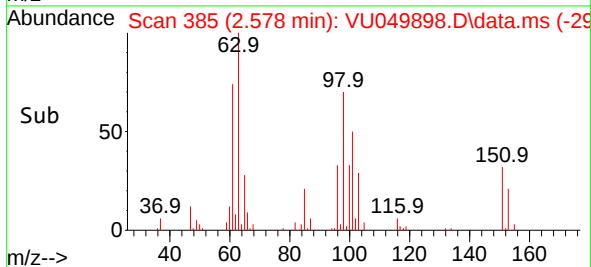
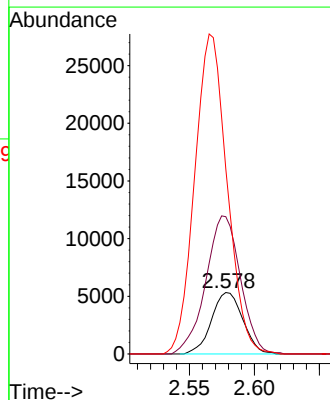
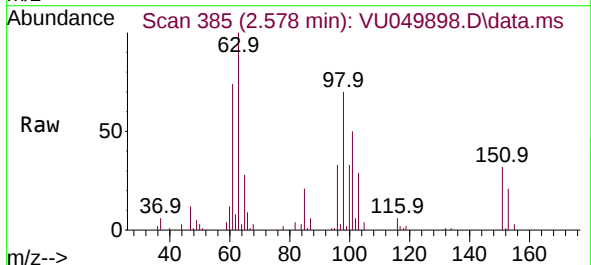
Instrument :
MSVOA_U
ClientSampleId :
GBJ14

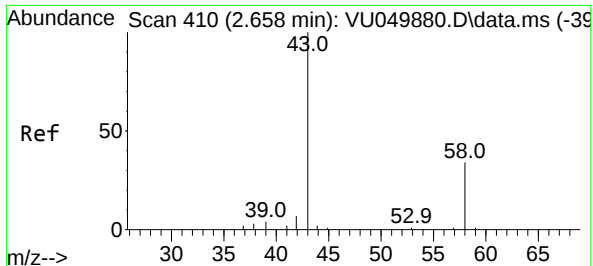
Tgt Ion:101 Resp: 14303
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 69.4 56.0 84.0



#12
1,1-Dichloroethene
Concen: 1.636 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049898.D
Acq: 26 Jul 2022 04:42

Tgt Ion: 96 Resp: 8940
Ion Ratio Lower Upper
96 100
61 223.7 131.6 244.4
63 301.4 100.0 185.6#





#13

Acetone

Concen: 3.954 ug/L

RT: 2.646 min Scan# 410

Delta R.T. -0.013 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

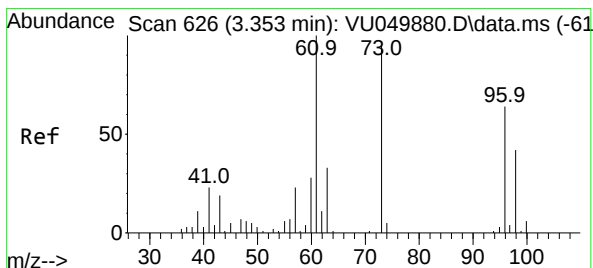
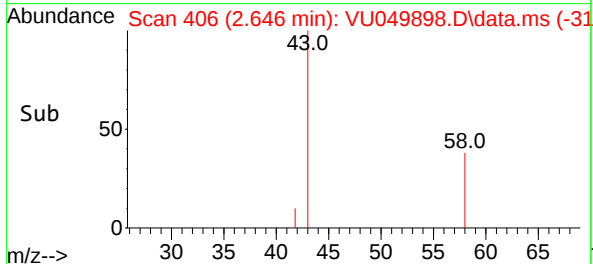
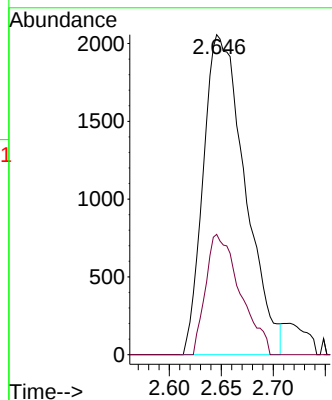
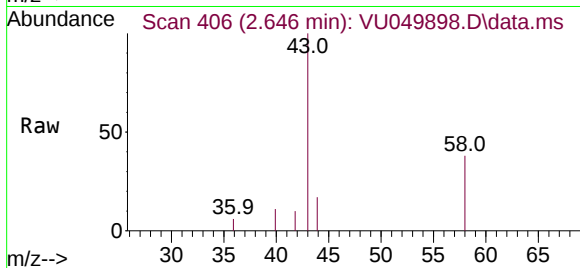
GBJ14

Tgt Ion: 43 Resp: 5731

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.0



#18

trans-1,2-Dichloroethene

Concen: 0.280 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

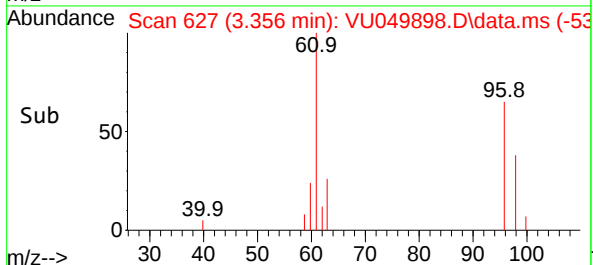
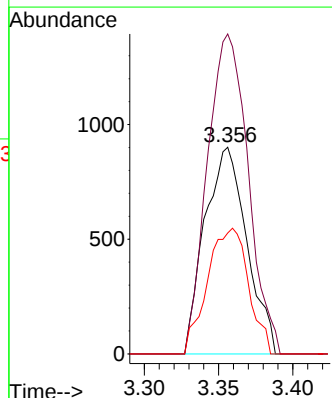
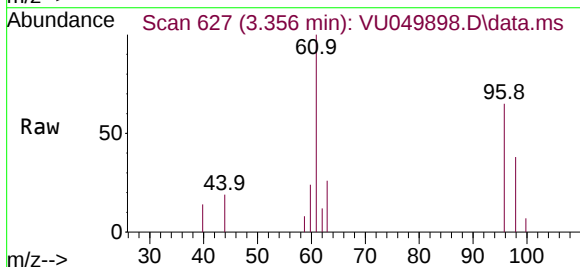
Tgt Ion: 96 Resp: 1770

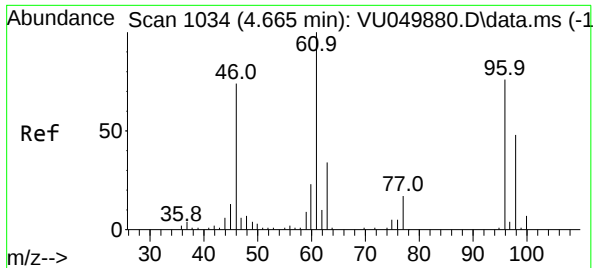
Ion Ratio Lower Upper

96 100

61 154.8 101.5 188.5

98 58.5 42.5 78.9

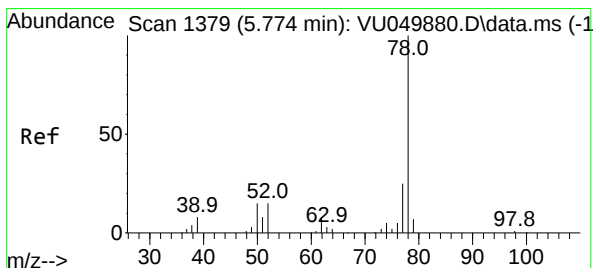
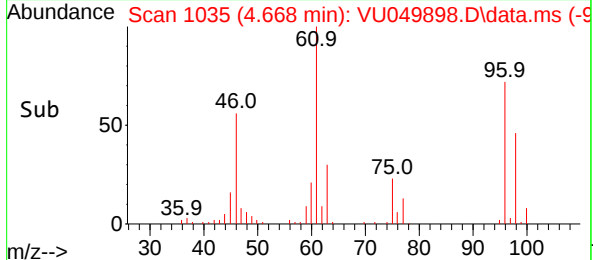
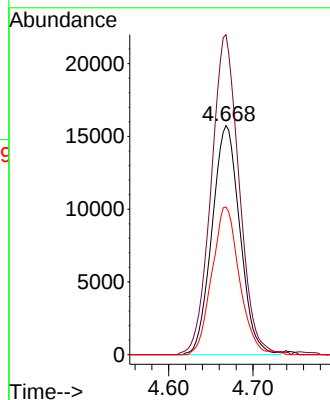
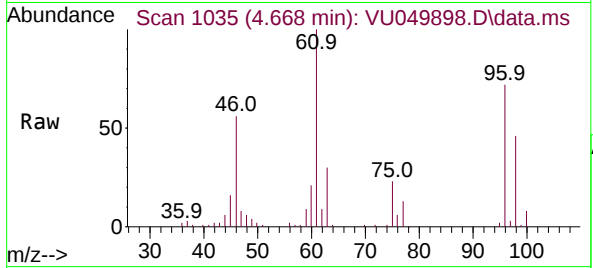




#22
 cis-1,2-Dichloroethene
 Concen: 4.939 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU049898.D
 Acq: 26 Jul 2022 04:42

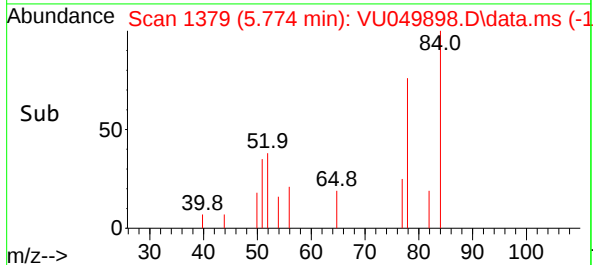
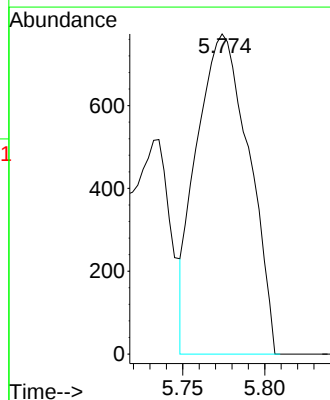
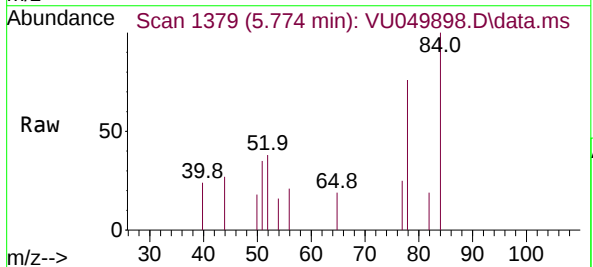
Instrument :
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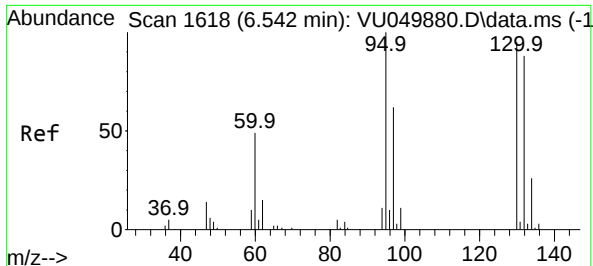
Tgt Ion: 96 Resp: 36145
 Ion Ratio Lower Upper
 96 100
 61 139.7 93.9 174.3
 98 64.5 43.9 81.5



#33
 Benzene
 Concen: 0.060 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: VU049898.D
 Acq: 26 Jul 2022 04:42

Tgt Ion: 78 Resp: 1712





#34

Trichloroethene

Concen: 321.107 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

GBJ14

Tgt Ion: 95 Resp: 2213439

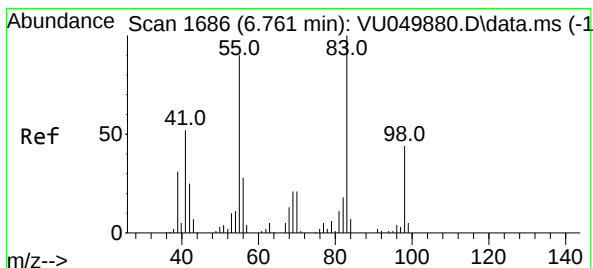
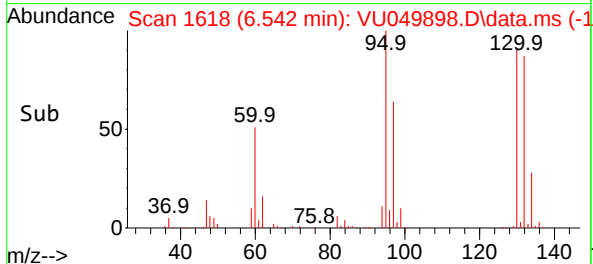
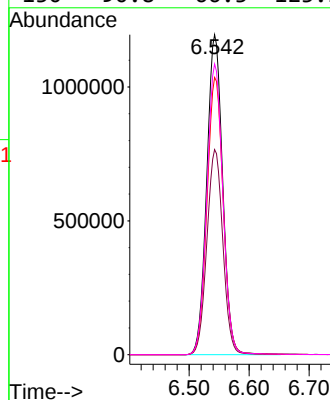
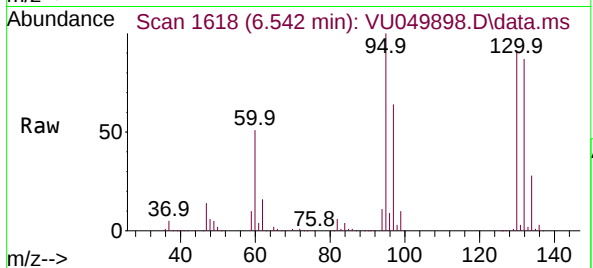
Ion Ratio Lower Upper

95 100

97 64.1 46.8 86.8

132 86.6 61.8 114.8

130 90.8 66.3 123.1



#35

Methylcyclohexane

Concen: 1.352 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.068 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

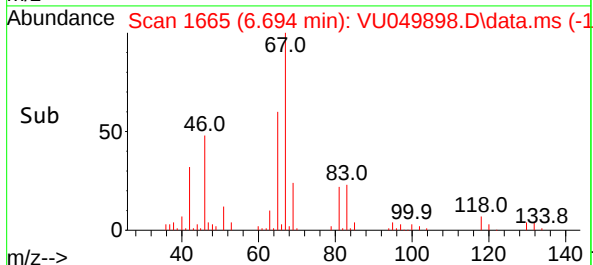
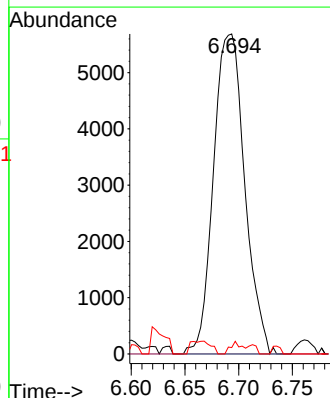
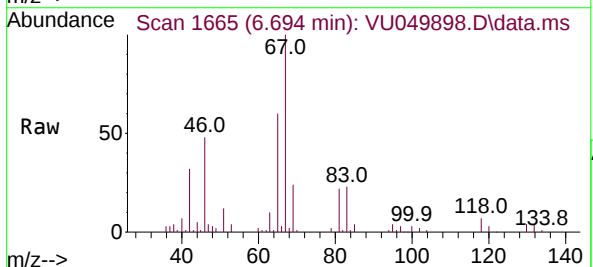
Tgt Ion: 83 Resp: 11495

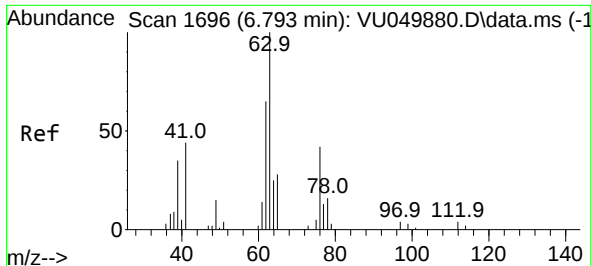
Ion Ratio Lower Upper

83 100

55 0.0 69.0 103.4#

98 0.0 36.4 54.6#





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

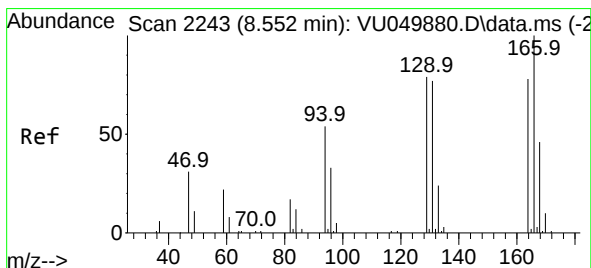
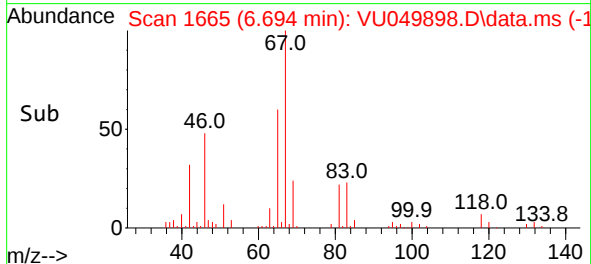
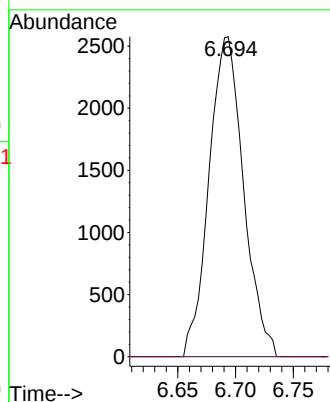
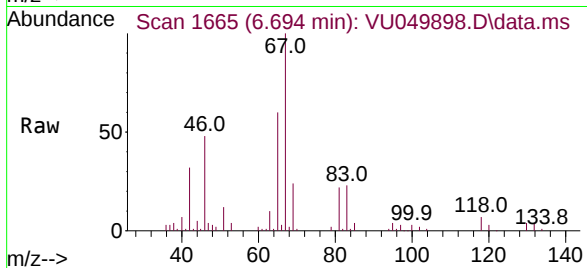
GBJ14

Tgt Ion: 63 Resp: 5352

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.648 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049898.D

Acq: 26 Jul 2022 04:42

Tgt Ion:164 Resp: 3074

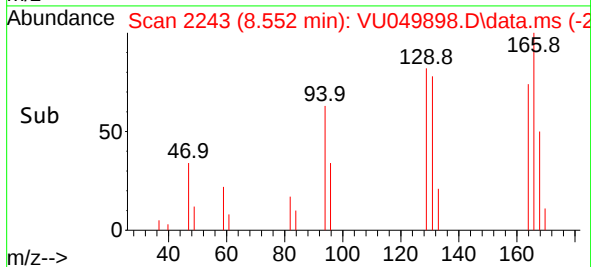
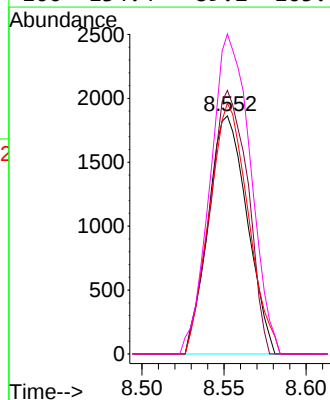
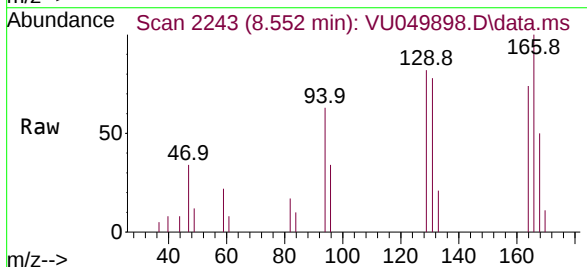
Ion Ratio Lower Upper

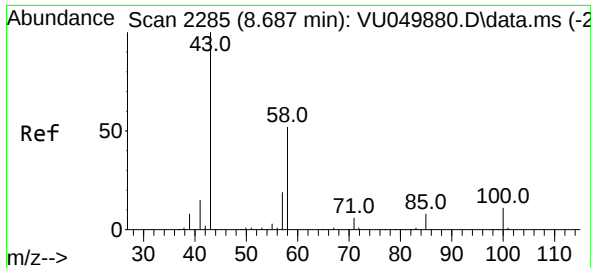
164 100

129 110.7 68.9 127.9

131 105.3 67.5 125.4

166 134.4 89.2 165.8

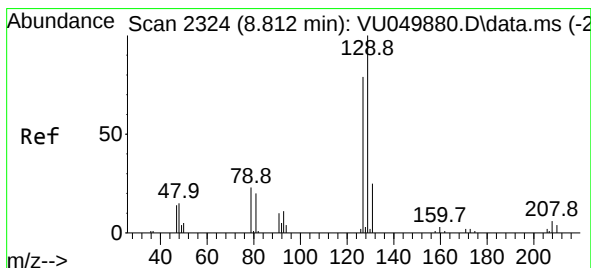
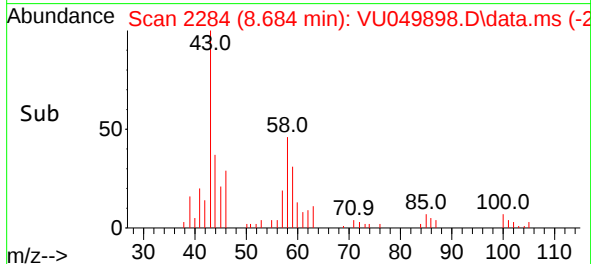
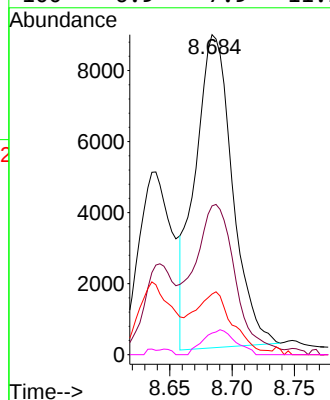
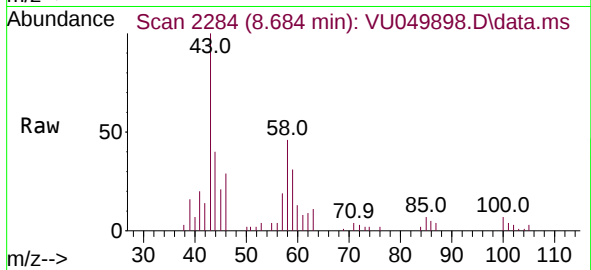




#48
2-Hexanone
Concen: 4.352 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049898.D
Acq: 26 Jul 2022 04:42

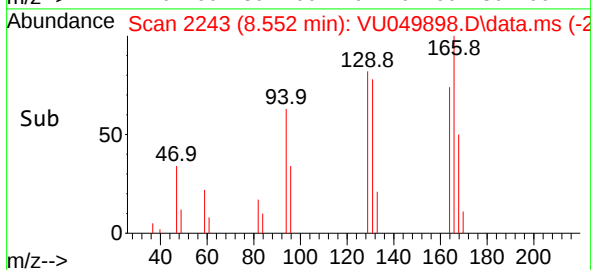
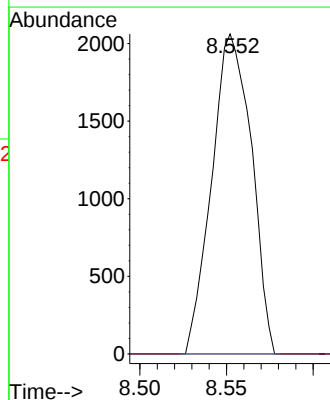
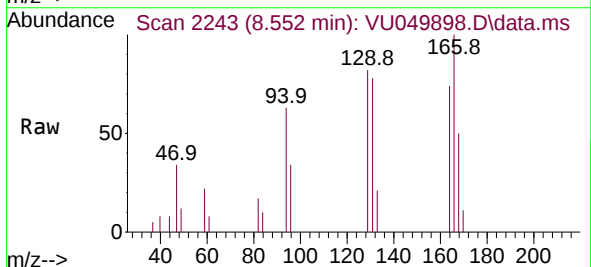
Instrument :
MSVOA_U
ClientSampleId :
GBJ14

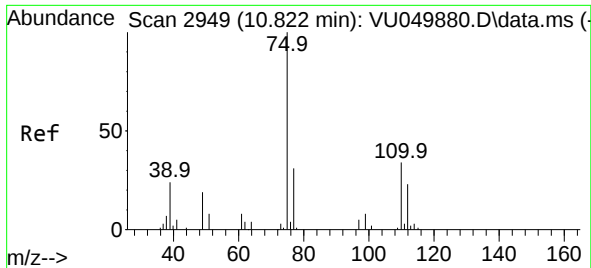
Tgt Ion:	43	Resp:	18359
Ion	Ratio	Lower	Upper
43	100		
58	52.8	42.1	63.1
57	20.6	14.3	21.5
100	6.9	7.9	11.9



#49
Dibromochloromethane
Concen: 0.508 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU049898.D
Acq: 26 Jul 2022 04:42

Tgt Ion:	129	Resp:	3286
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7





#61

1,2,3-Trichloropropane

Concen: 0.987 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU049898.D

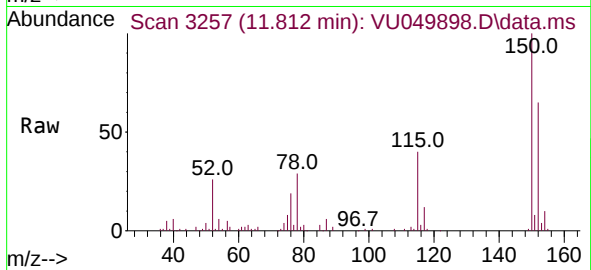
Acq: 26 Jul 2022 04:42

Instrument :

MSVOA_U

ClientSampleId :

GBJ14



Tgt Ion: 75 Resp: 4373

Ion Ratio Lower Upper

75 100

110 0.9 28.0 42.0#

77 32.9 25.4 38.2

