

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049962.D
 Acq On : 27 Jul 2022 21:51
 Operator : SY/MD
 Sample : N3870-20DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ17DL

Quant Time: Jul 28 03:50:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

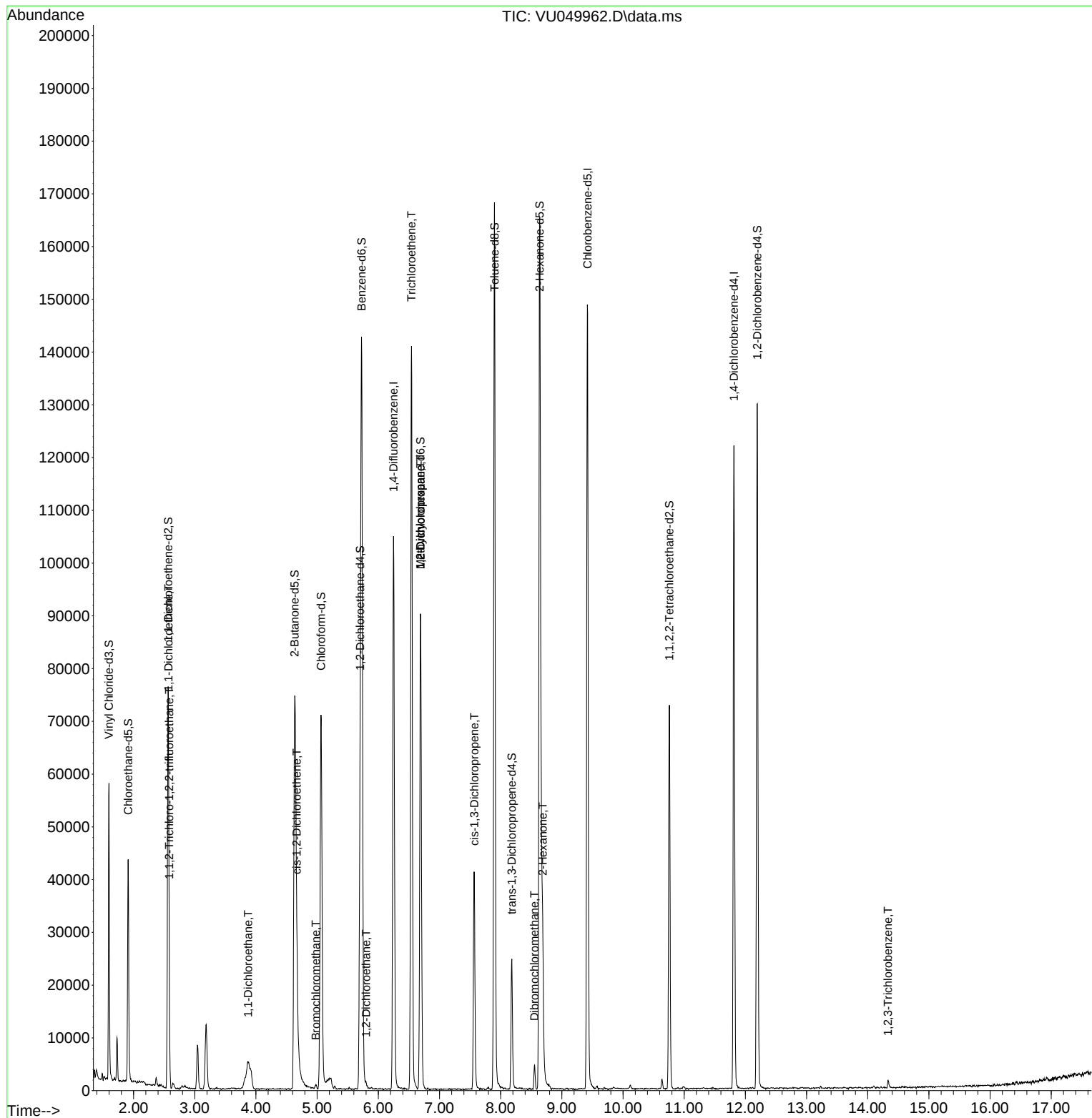
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89136	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39953	5.220	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.912	69	30796	5.602	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 112.000%		
11) 1,1-Dichloroethene-d2	2.565	65	13877	5.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	4.633	46	95578	56.102	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 112.200%		
24) Chloroform-d	5.063	84	68252	5.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.800%		
26) 1,2-Dichloroethane-d4	5.703	65	36016	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.800%		
32) Benzene-d6	5.729	84	138074	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
36) 1,2-Dichloropropane-d6	6.690	67	46798	5.487	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.800%		
41) Toluene-d8	7.899	98	116142	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15542	5.200	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.000%		
46) 2-Hexanone-d5	8.636	63	54968	49.127	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 98.260%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38448	5.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	36360	5.800	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3139	0.591	ug/L	94
12) 1,1-Dichloroethene	2.572	96	768	0.156	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	3191	0.288	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	3716	0.575	ug/L	98
23) Bromochloromethane	4.980	128	236	0.080	ug/L #	62
27) 1,2-Dichloroethane	5.800	62	932	0.134	ug/L #	73
34) Trichloroethene	6.542	95	49768	7.963	ug/L	98
35) Methylcyclohexane	6.690	83	10300	1.250	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	4448	0.628	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	940	0.103	ug/L #	73
48) 2-Hexanone	8.687	43	16050	5.143	ug/L #	90
49) Dibromochloromethane	8.552	129	1082	0.187	ug/L #	10
72) 1,2,3-Trichlorobenzene	14.330	180	713	0.131	ug/L #	89

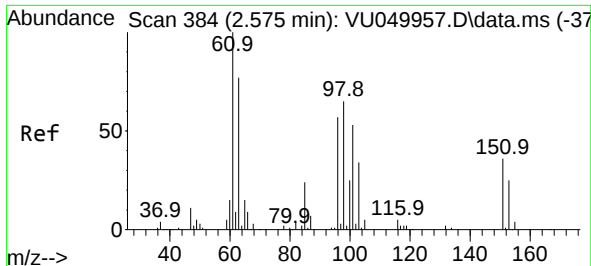
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.591 ug/L

RT: 2.581 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU049962.D

Acq: 27 Jul 2022 21:51

Instrument :

MSVOA_U

ClientSampleId :

GBJ17DL

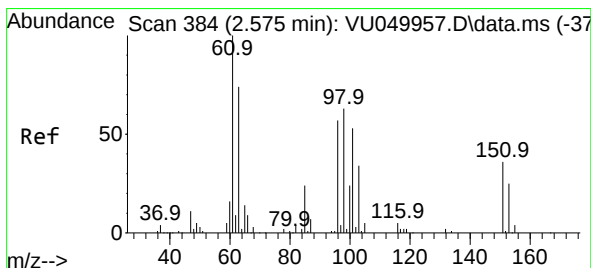
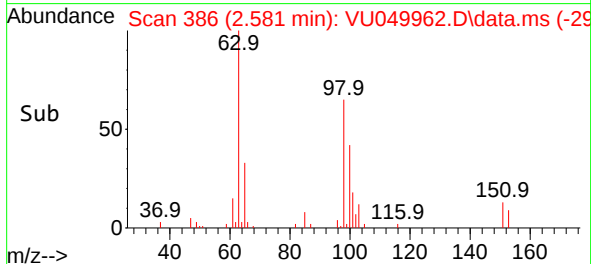
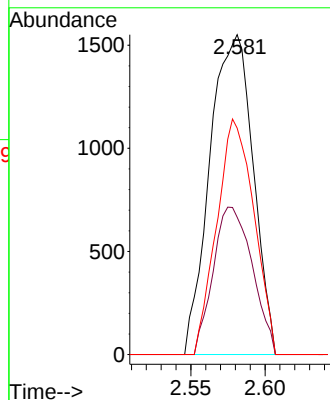
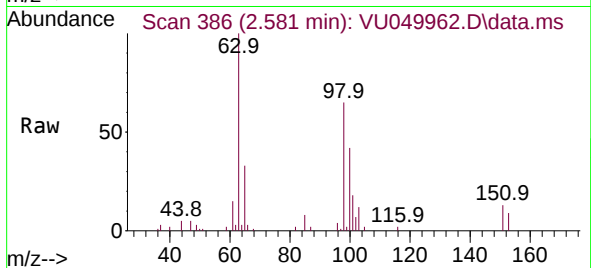
Tgt Ion:101 Resp: 3139

Ion Ratio Lower Upper

101 100

85 41.7 34.1 51.1

151 63.5 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.156 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU049962.D

Acq: 27 Jul 2022 21:51

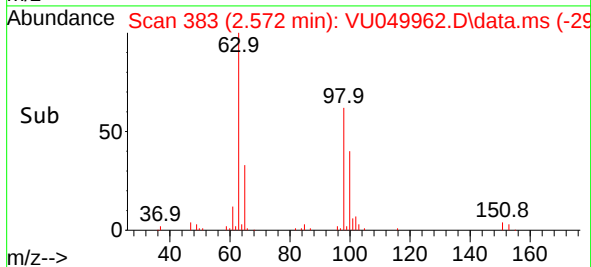
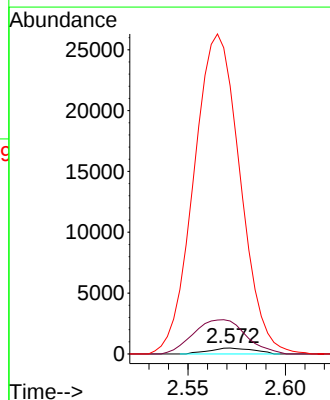
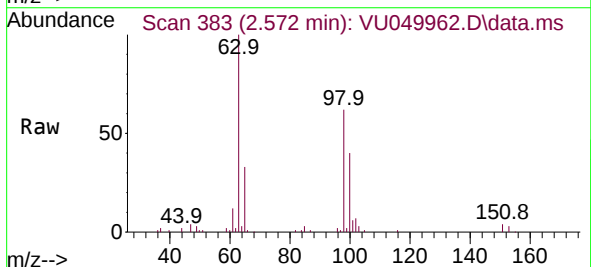
Tgt Ion: 96 Resp: 768

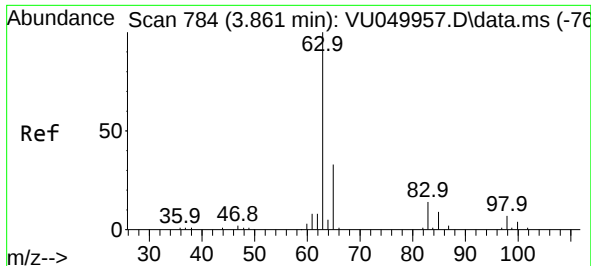
Ion Ratio Lower Upper

96 100

61 557.8 115.7 214.9#

63 4535.0 84.8 157.4#

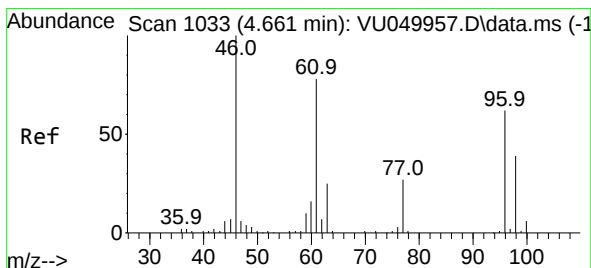
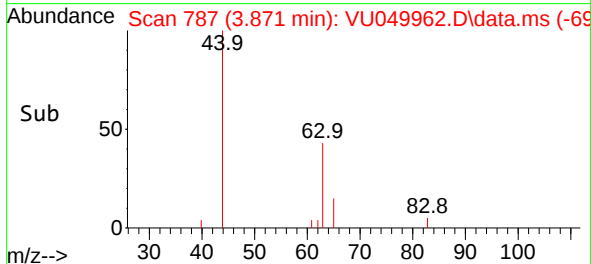
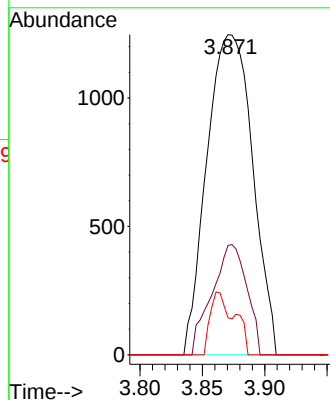
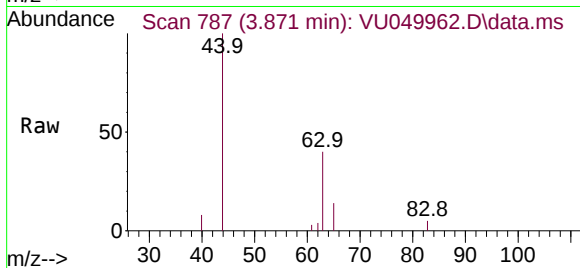




#19
1,1-Dichloroethane
Concen: 0.288 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.010 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

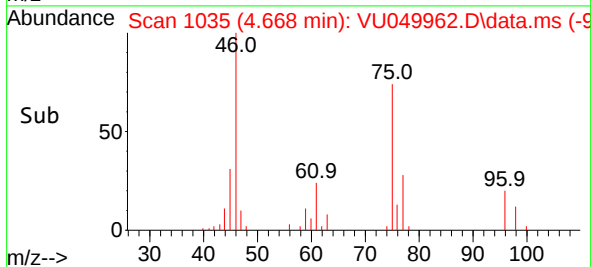
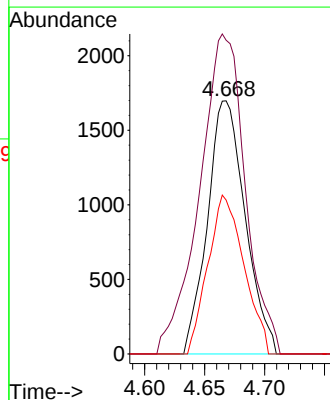
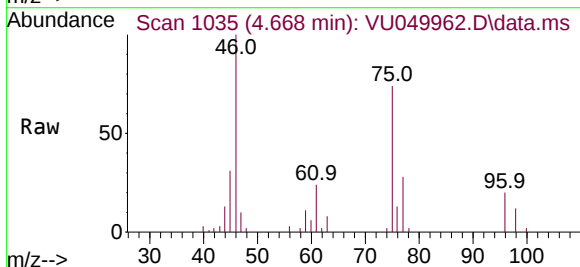
Instrument :
MSVOA_U
ClientSampleId :
GBJ17DL

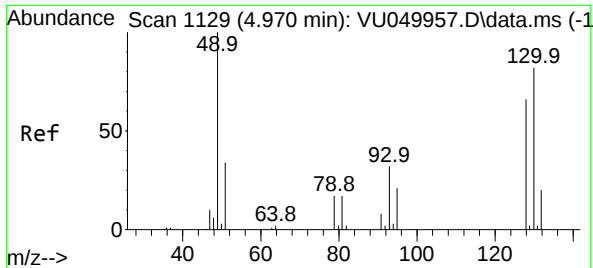
Tgt Ion: 63 Resp: 3191
Ion Ratio Lower Upper
63 100
65 34.2 23.4 43.6
83 11.5 9.4 17.4



#22
cis-1,2-Dichloroethene
Concen: 0.575 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

Tgt Ion: 96 Resp: 3716
Ion Ratio Lower Upper
96 100
61 123.9 87.2 161.9
98 60.8 44.7 83.1

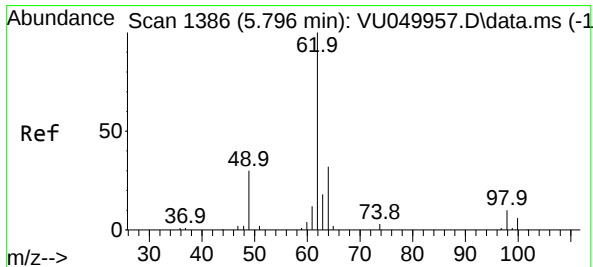
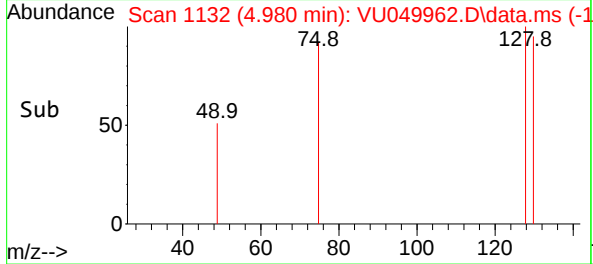
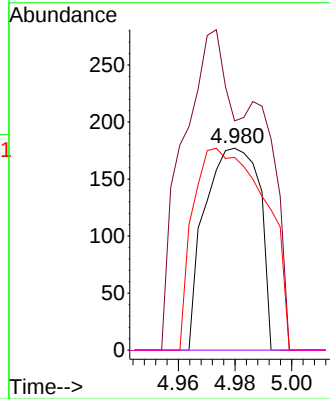
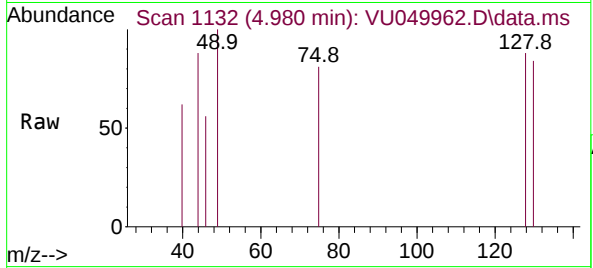




#23
Bromochloromethane
Concen: 0.080 ug/L
RT: 4.980 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

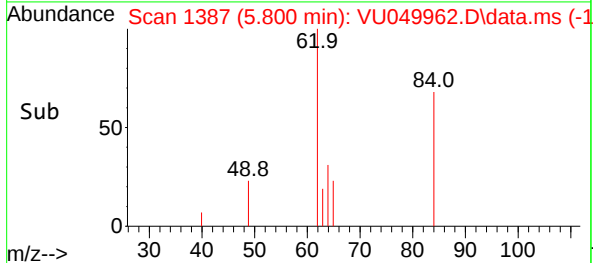
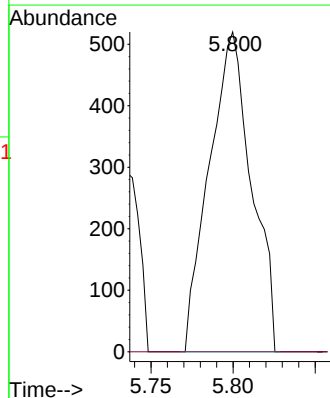
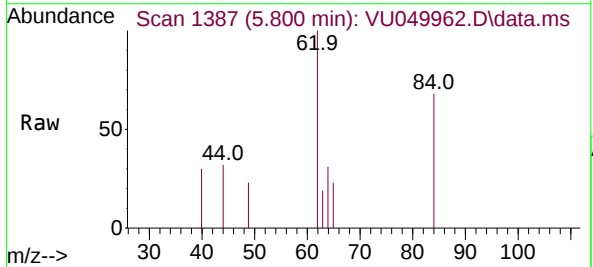
Instrument :
MSVOA_U
ClientSampleId :
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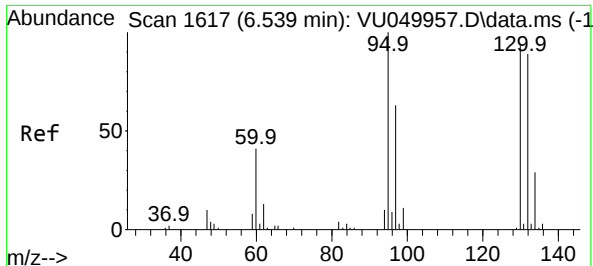
Tgt Ion:	128	Resp:	236
Ion	Ratio	Lower	Upper
128	100		
49	113.6	111.4	207.0
130	95.5	88.7	164.7
51	0.0	42.2	63.2#



#27
1,2-Dichloroethane
Concen: 0.134 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

Tgt Ion:	62	Resp:	932
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#

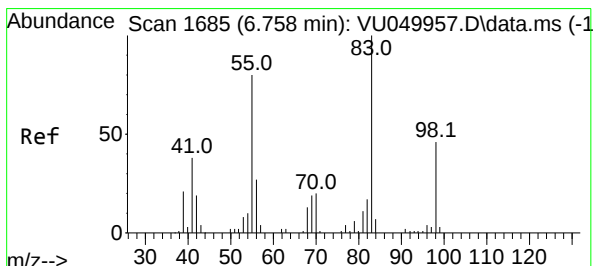
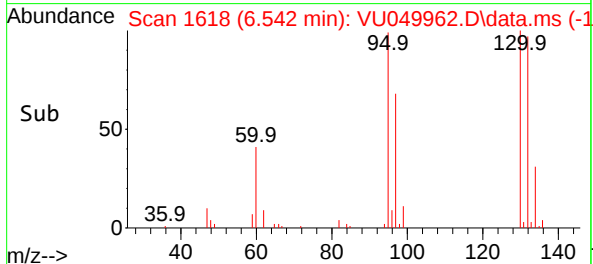
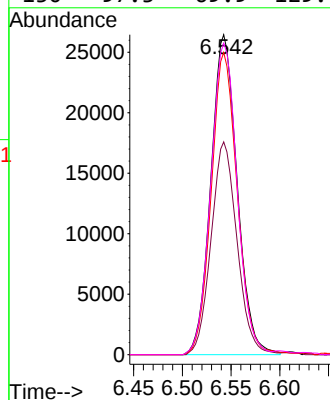
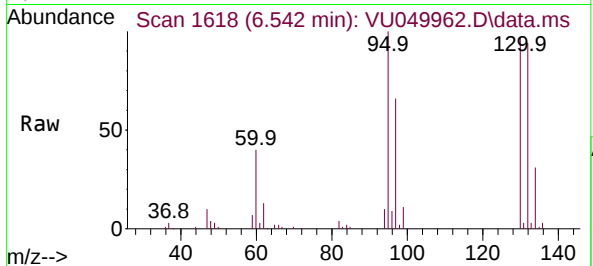




#34
Trichloroethene
Concen: 7.963 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

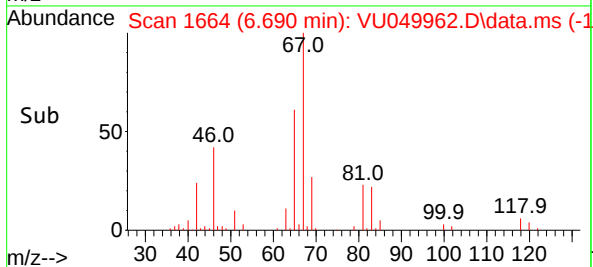
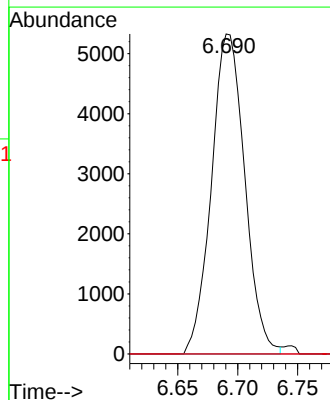
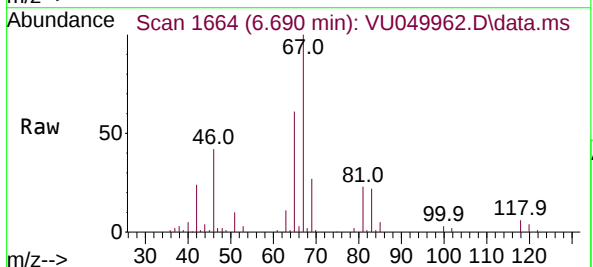
Instrument :
MSVOA_U
ClientSampleId :
GBJ17DL

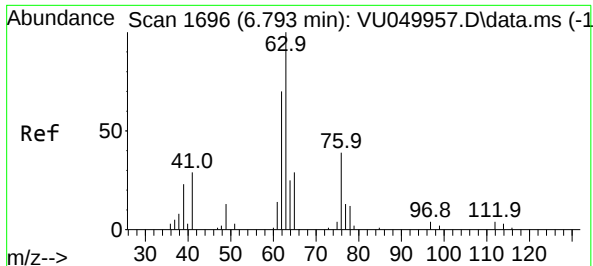
Tgt Ion: 95 Resp: 49768
Ion Ratio Lower Upper
95 100
97 66.5 45.6 84.8
132 94.4 66.8 124.2
130 97.3 69.9 129.7



#35
Methylcyclohexane
Concen: 1.250 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.067 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

Tgt Ion: 83 Resp: 10300
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049962.D

Acq: 27 Jul 2022 21:51

Instrument :

MSVOA_U

ClientSampleId :

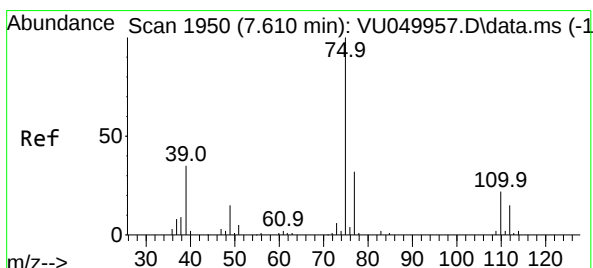
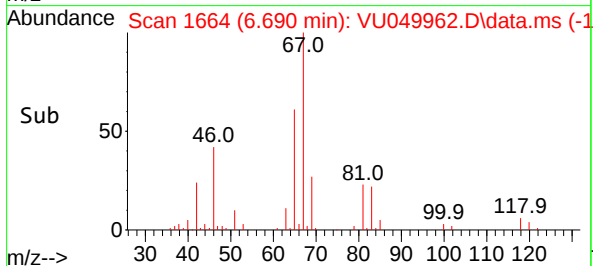
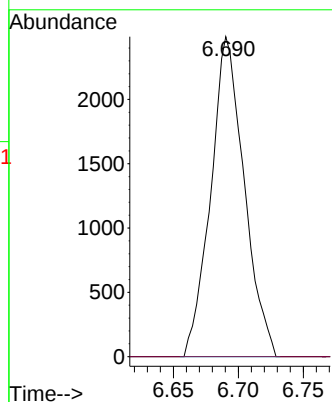
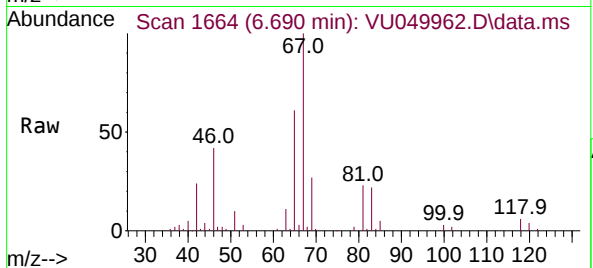
GBJ17DL

Tgt Ion: 63 Resp: 4448

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU049962.D

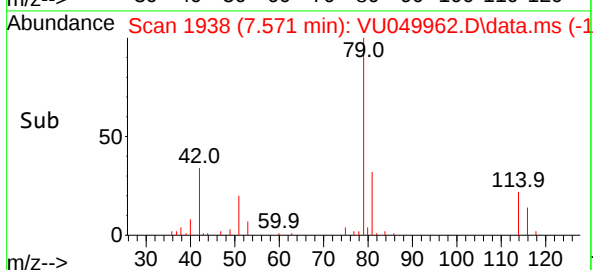
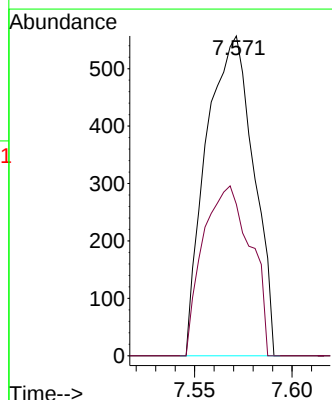
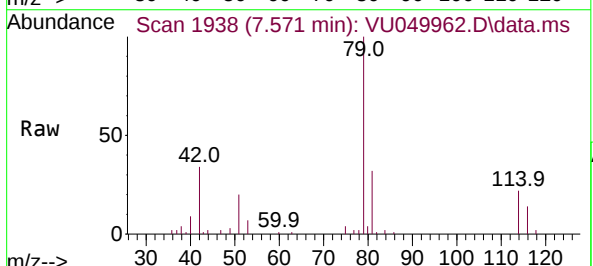
Acq: 27 Jul 2022 21:51

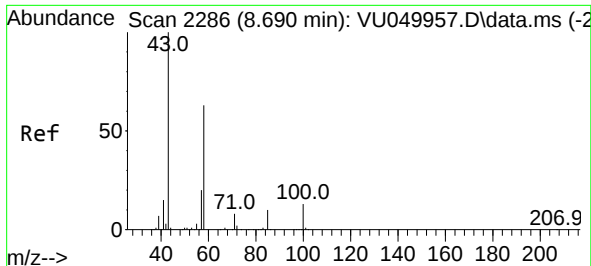
Tgt Ion: 75 Resp: 940

Ion Ratio Lower Upper

75 100

77 47.4 22.5 41.9#

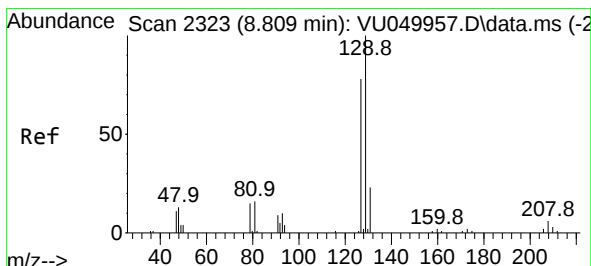
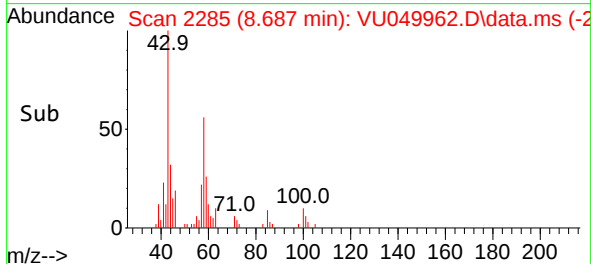
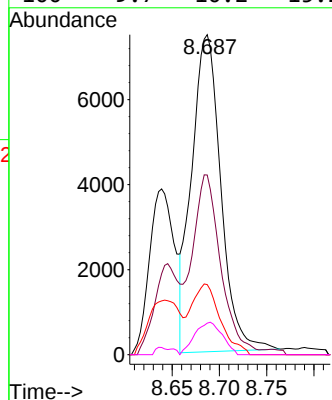
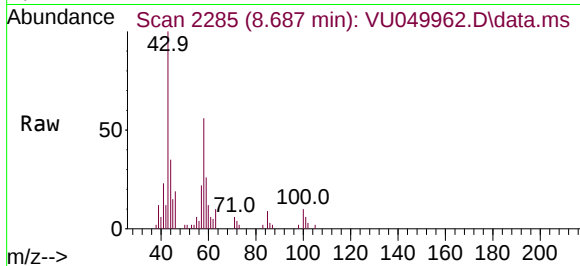




#48
2-Hexanone
Concen: 5.143 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

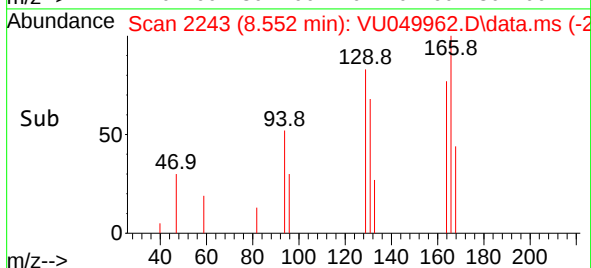
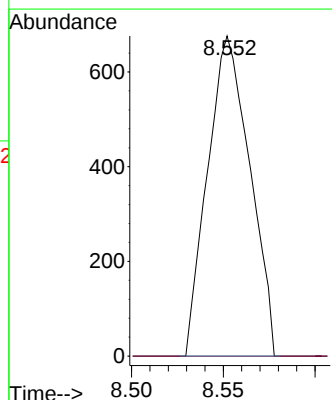
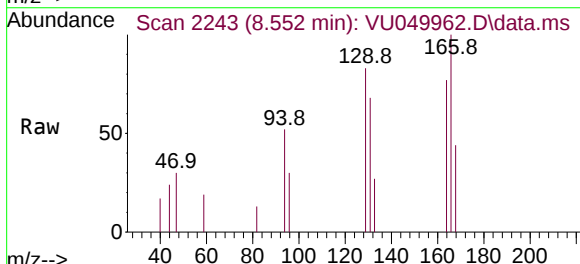
Instrument :
MSVOA_U
ClientSampleId :
GBJ17DL

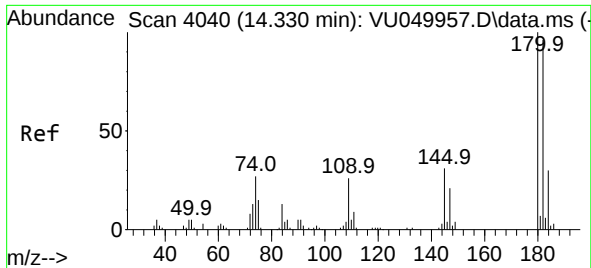
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Ion Ratio	Lower Upper
43 100	
58 51.9	49.4 74.0
57 22.3	17.0 25.4
100 9.7	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.187 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049962.D
Acq: 27 Jul 2022 21:51

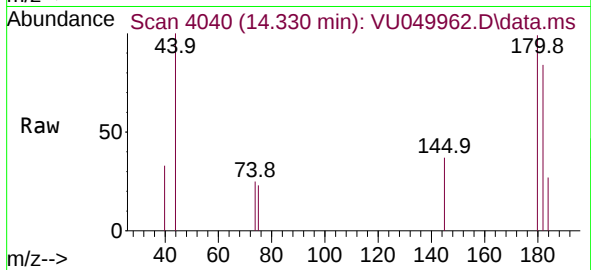
Tgt Ion:129	Resp:	1082	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.131 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU049962.D
 Acq: 27 Jul 2022 21:51

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ17DL



Tgt Ion:180 Resp: 713
 Ion Ratio Lower Upper
 180 100
 182 104.5 77.0 115.4
 145 22.4 26.3 39.5#

