

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049963.D
 Acq On : 27 Jul 2022 22:16
 Operator : SY/MD
 Sample : N3870-21DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ18DL

Quant Time: Jul 28 03:50:20 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)

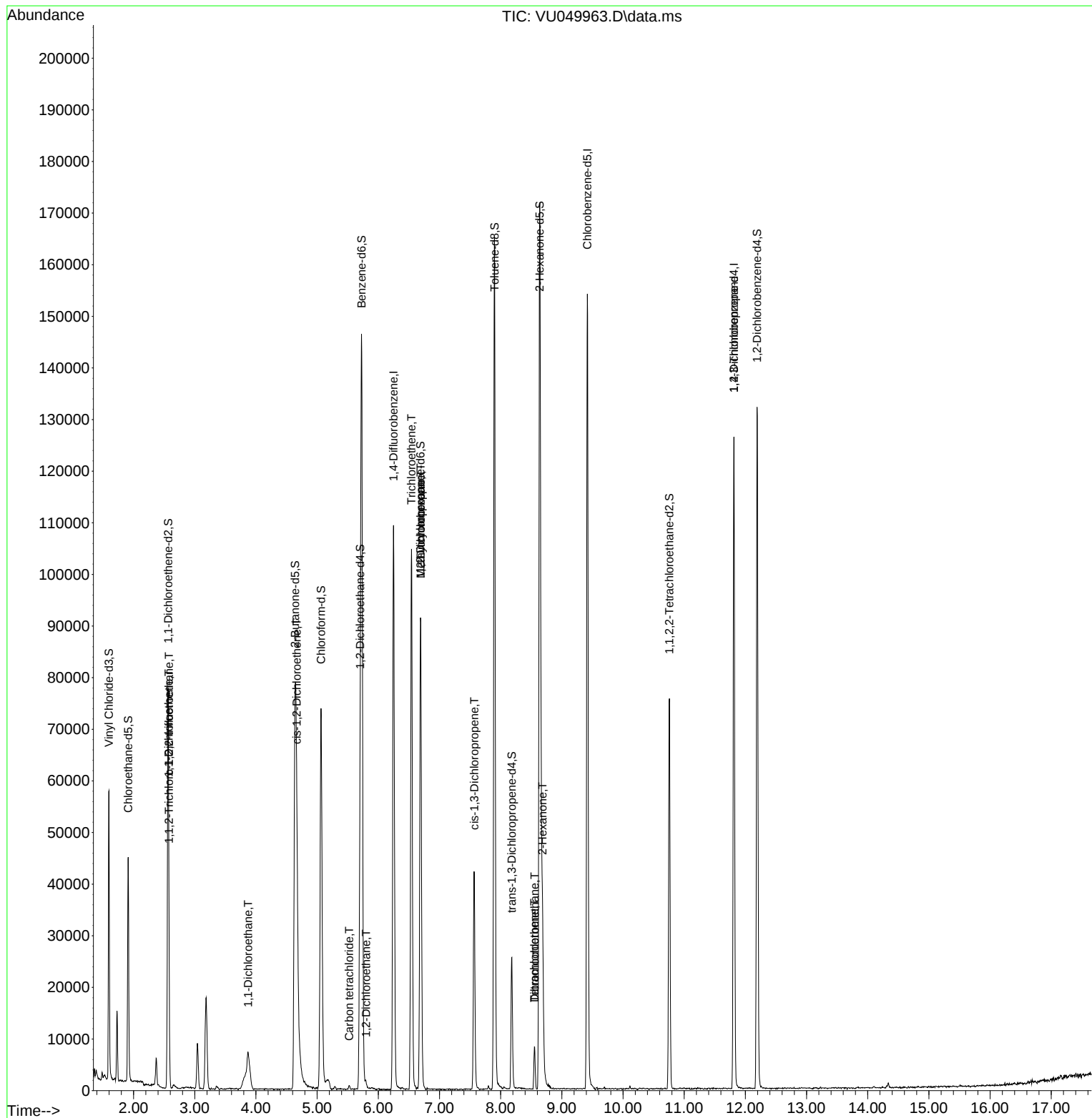
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	90735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	40717	5.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.600%	
7) Chloroethane-d5	1.912	69	31937	5.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 114.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14421	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.400%	
20) 2-Butanone-d5	4.639	46	103094	59.447	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 118.900%	
24) Chloroform-d	5.063	84	69429	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
26) 1,2-Dichloroethane-d4	5.703	65	36257	5.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%	
32) Benzene-d6	5.729	84	142866	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.200%	
36) 1,2-Dichloropropane-d6	6.690	67	47108	5.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.800%	
41) Toluene-d8	7.899	98	116398	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.200%	
43) trans-1,3-Dichloroprop...	8.182	79	15458	5.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.000%	
46) 2-Hexanone-d5	8.636	63	57114	49.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 99.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40231	5.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	37578	5.802	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-...	2.578	101	1712	0.317	ug/L #	87
12) 1,1-Dichloroethene	2.575	96	974	0.195	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	4485	0.397	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	9158	1.392	ug/L	95
27) 1,2-Dichloroethane	5.800	62	892	0.126	ug/L #	73
31) Carbon tetrachloride	5.523	117	574	0.074	ug/L	99
34) Trichloroethene	6.542	95	37332	5.831	ug/L	98
35) Methylcyclohexane	6.694	83	11002	1.303	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4462	0.615	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	899	0.096	ug/L #	58
47) Tetrachloroethene	8.552	164	1838	0.399	ug/L	94
48) 2-Hexanone	8.684	43	15985	5.000	ug/L #	94
49) Dibromochloromethane	8.555	129	1750	0.295	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4351	1.073	ug/L #	68

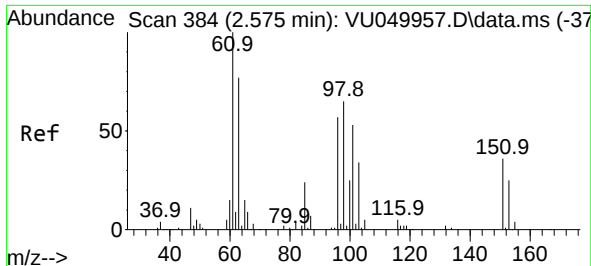
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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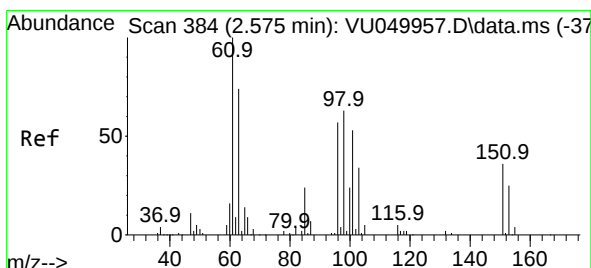
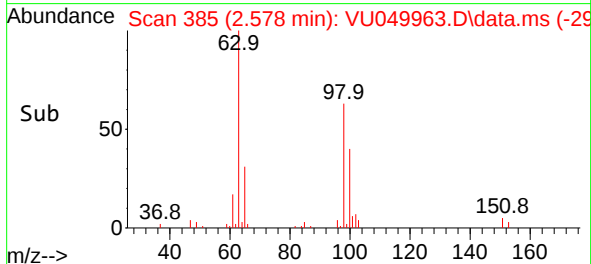
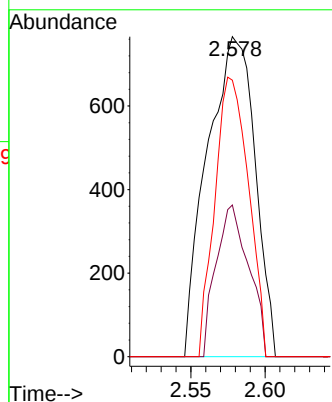
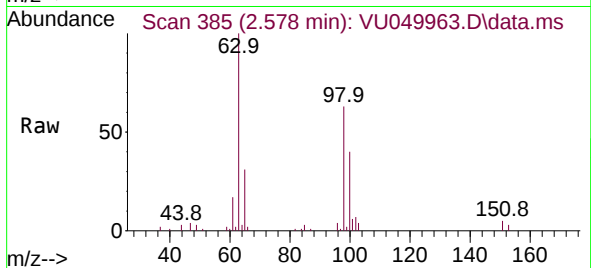




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.317 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049963.D
 Acq: 27 Jul 2022 22:16

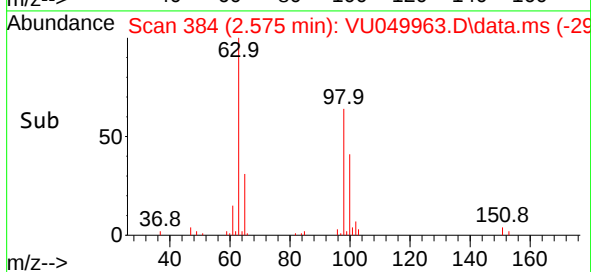
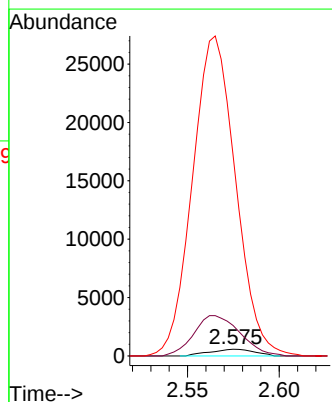
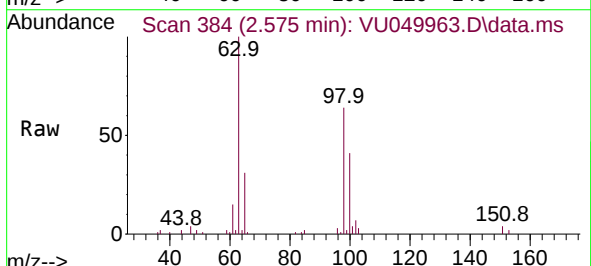
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ18DL

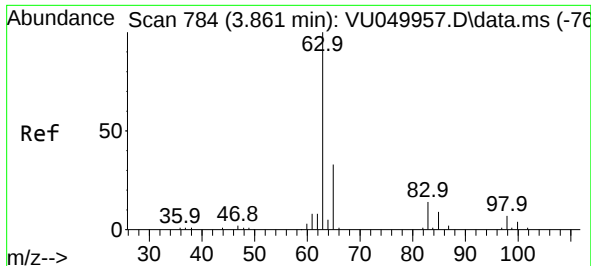
Tgt Ion:101 Resp: 1712
 Ion Ratio Lower Upper
 101 100
 85 32.5 34.1 51.1#
 151 61.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 0.195 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049963.D
 Acq: 27 Jul 2022 22:16

Tgt Ion: 96 Resp: 974
 Ion Ratio Lower Upper
 96 100
 61 459.0 115.7 214.9#
 63 3022.1 84.8 157.4#





#19

1,1-Dichloroethane

Concen: 0.397 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.010 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

GBJ18DL

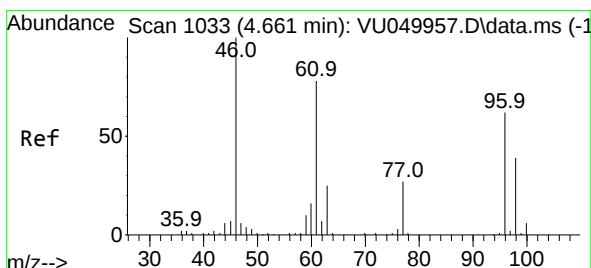
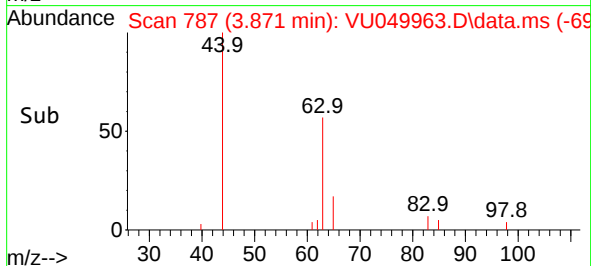
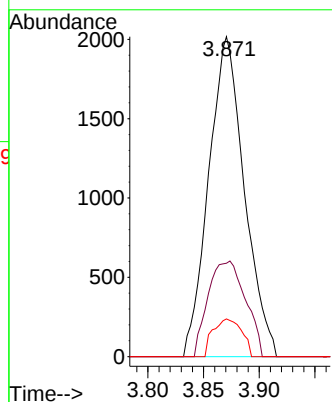
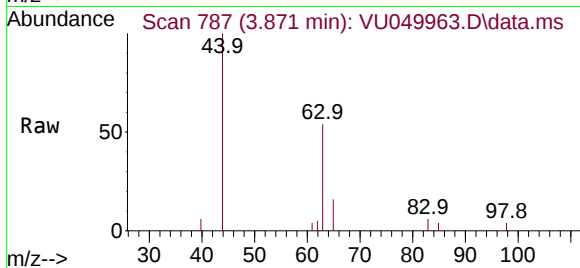
Tgt Ion: 63 Resp: 4485

Ion Ratio Lower Upper

63 100

65 29.2 23.4 43.6

83 11.8 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 1.392 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

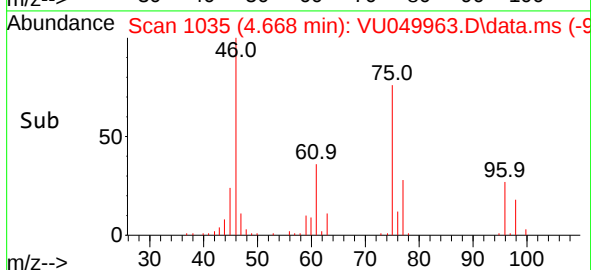
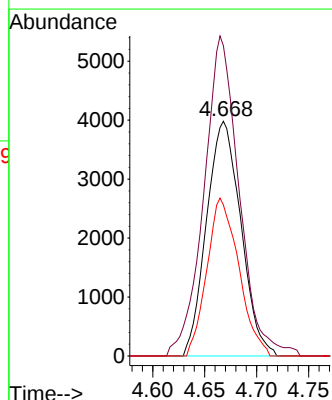
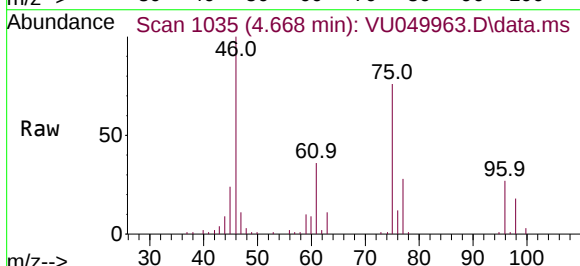
Tgt Ion: 96 Resp: 9158

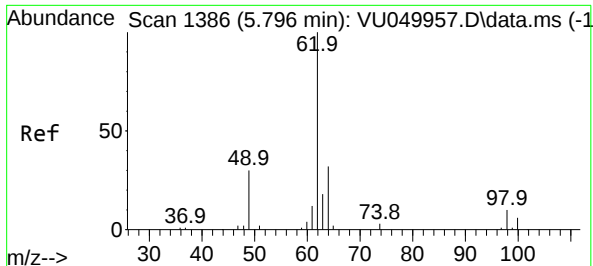
Ion Ratio Lower Upper

96 100

61 132.2 87.2 161.9

98 64.3 44.7 83.1

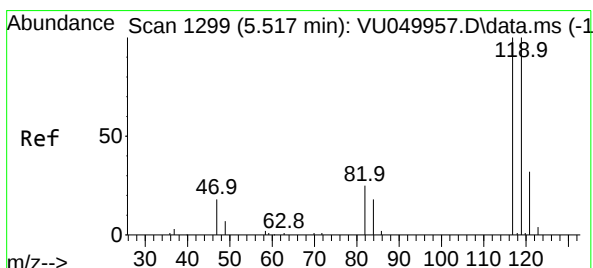
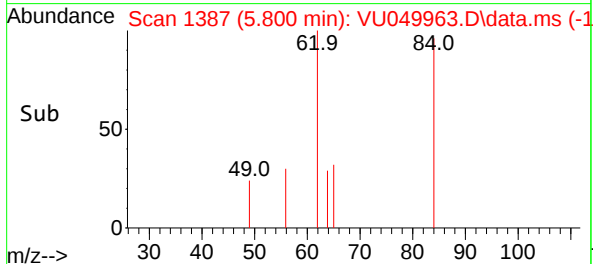
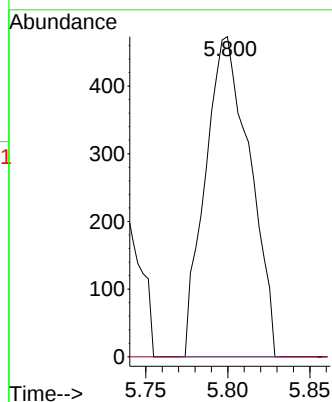
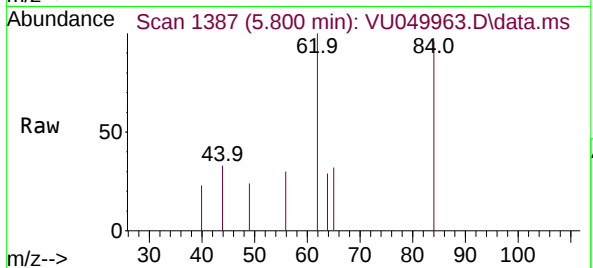




#27
1,2-Dichloroethane
Concen: 0.126 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

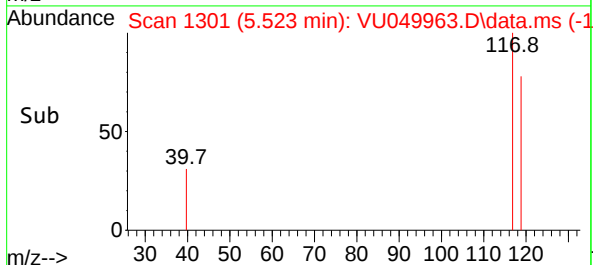
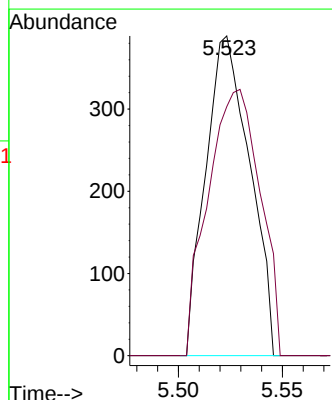
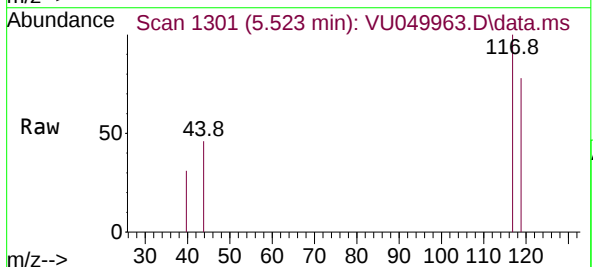
Instrument :
MSVOA_U
ClientSampleId :
GBJ18DL

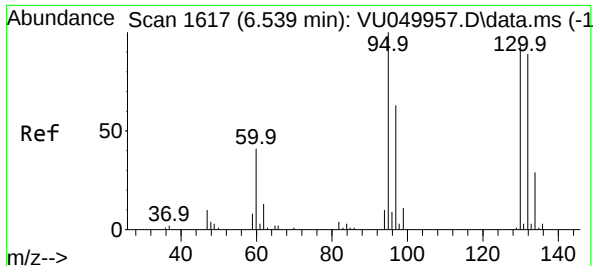
Tgt Ion: 62 Resp: 892
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#31
Carbon tetrachloride
Concen: 0.074 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.007 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

Tgt Ion: 117 Resp: 574
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.6

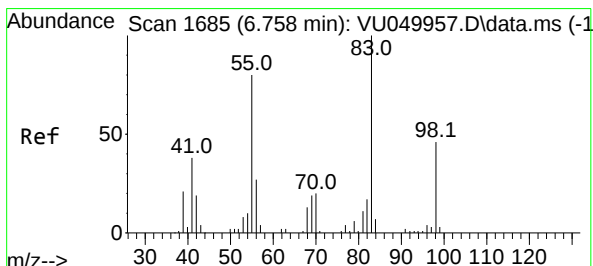
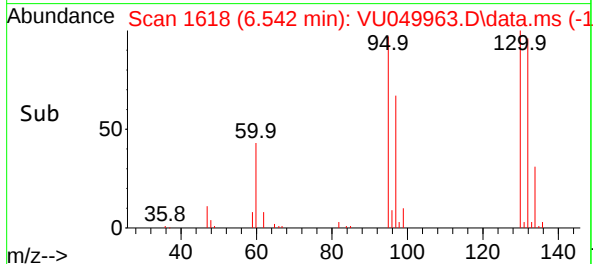
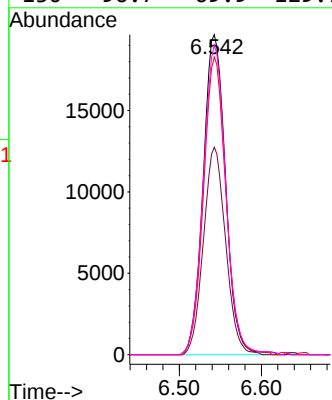
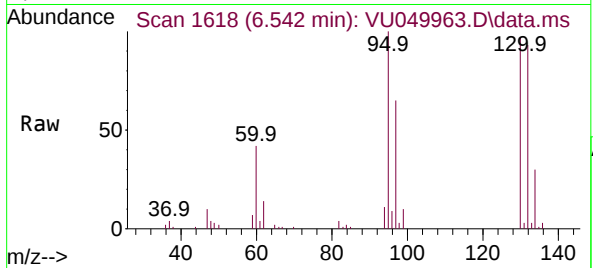




#34
Trichloroethene
Concen: 5.831 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

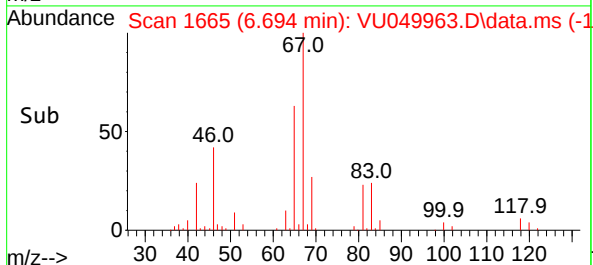
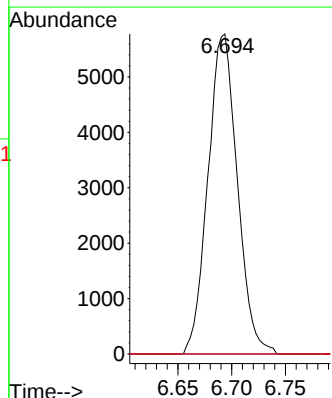
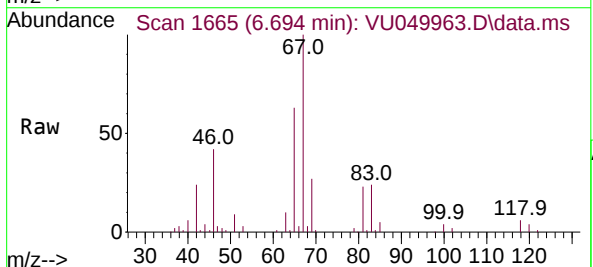
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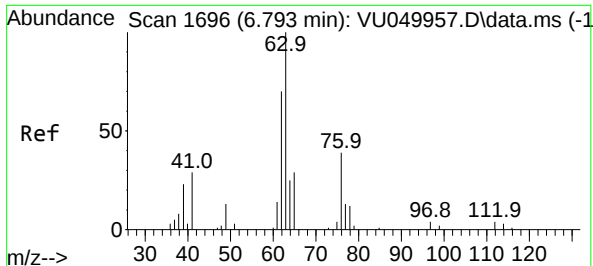
Tgt Ion: 95 Resp: 37332
Ion Ratio Lower Upper
95 100
97 64.9 45.6 84.8
132 93.0 66.8 124.2
130 96.7 69.9 129.7



#35
Methylcyclohexane
Concen: 1.303 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.064 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

Tgt Ion: 83 Resp: 11002
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 1.7 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

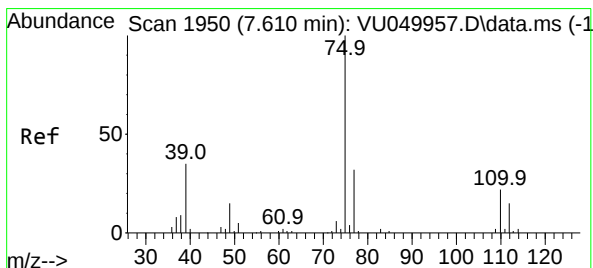
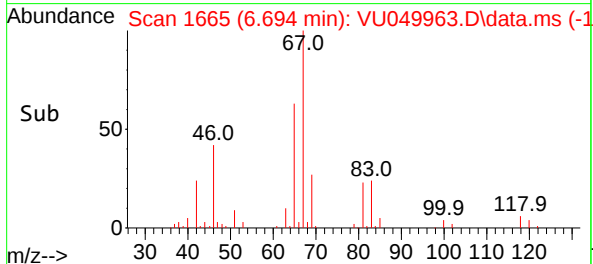
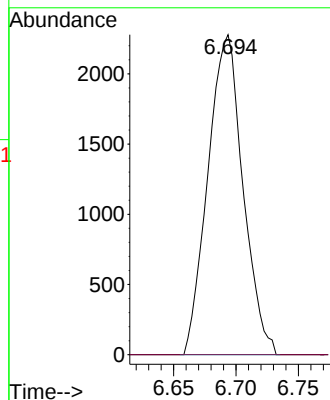
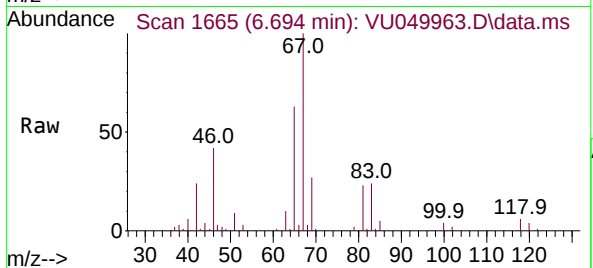
GBJ18DL

Tgt Ion: 63 Resp: 4462

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049963.D

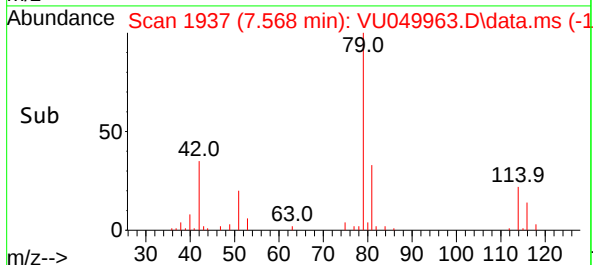
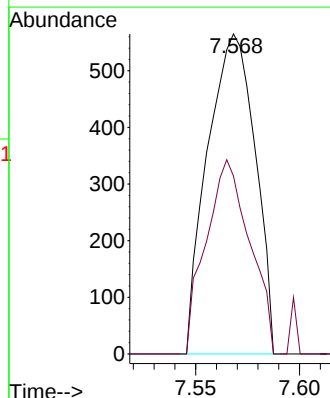
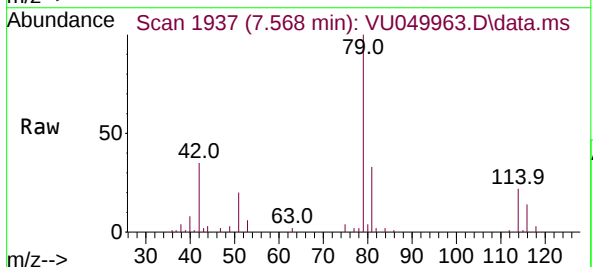
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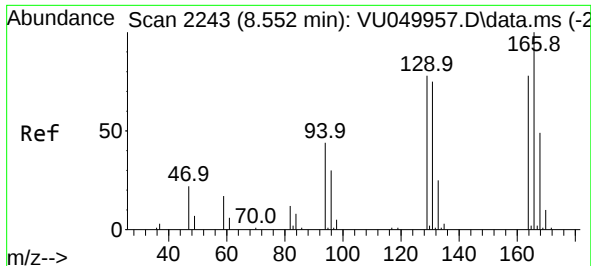
Tgt Ion: 75 Resp: 899

Ion Ratio Lower Upper

75 100

77 55.6 22.5 41.9#

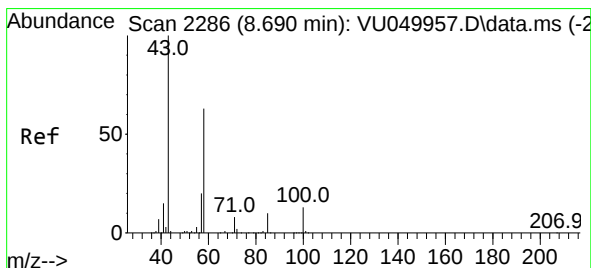
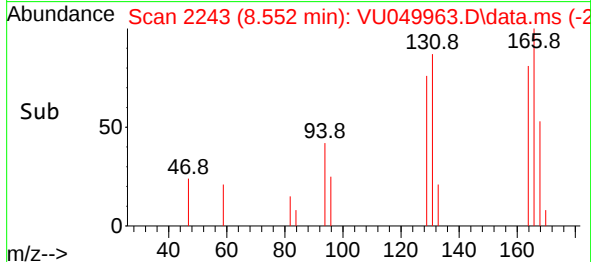
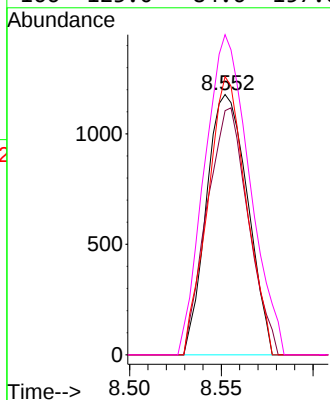
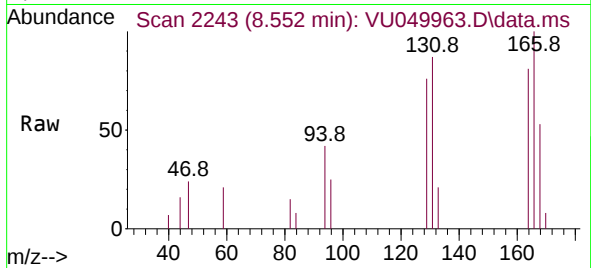




#47
Tetrachloroethene
Concen: 0.399 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

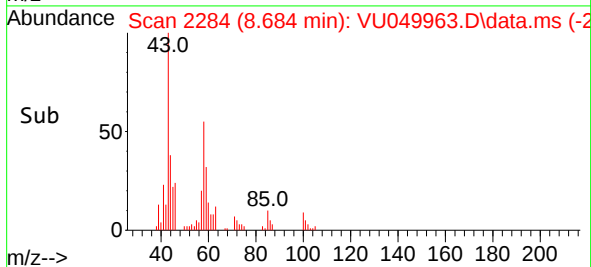
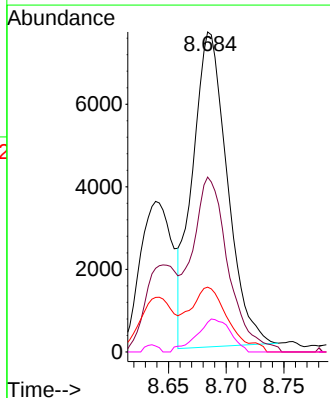
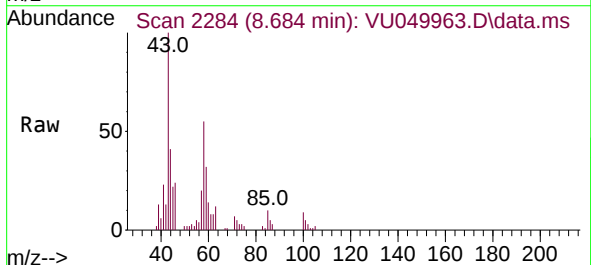
Instrument :
MSVOA_U
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GBJ18DL

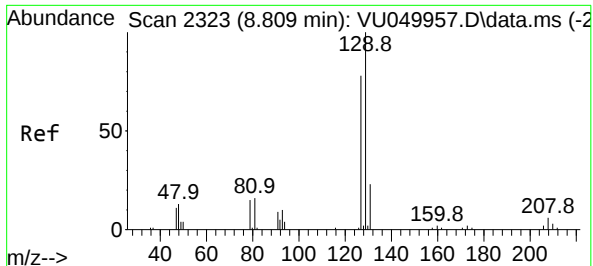
Tgt Ion:164 Resp: 1838
Ion Ratio Lower Upper
164 100
129 93.8 66.3 123.1
131 106.9 63.1 117.1
166 123.0 84.6 157.0



#48
2-Hexanone
Concen: 5.000 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VU049963.D
Acq: 27 Jul 2022 22:16

Tgt Ion: 43 Resp: 15985
Ion Ratio Lower Upper
43 100
58 56.3 49.4 74.0
57 22.0 17.0 25.4
100 10.1 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.295 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Instrument :

MSVOA_U

ClientSampleId :

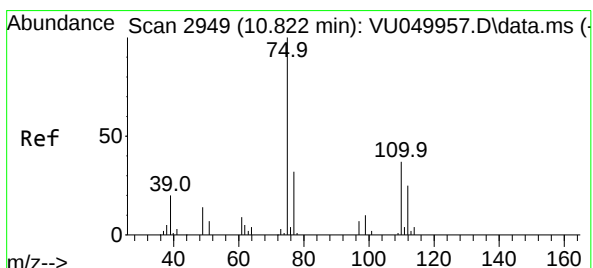
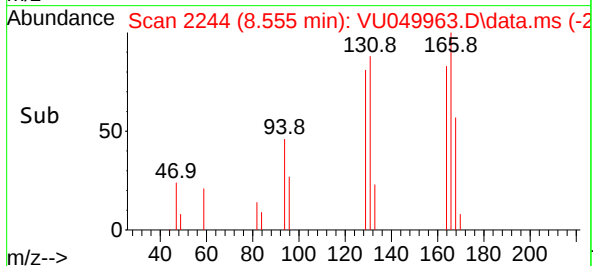
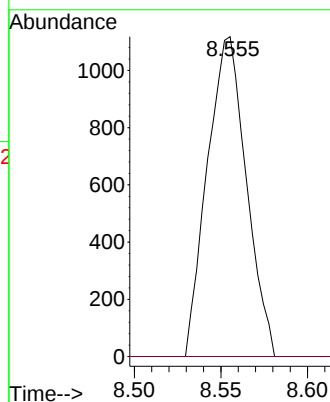
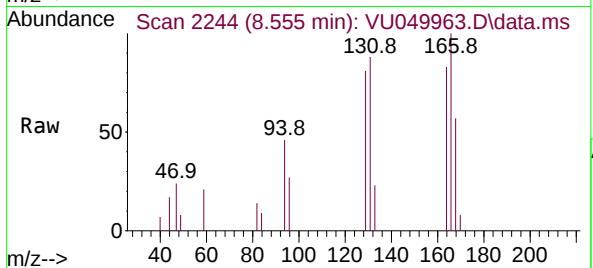
GBJ18DL

Tgt Ion:129 Resp: 1750

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.073 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049963.D

Acq: 27 Jul 2022 22:16

Tgt Ion: 75 Resp: 4351

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 31.1 24.7 37.1

