

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049965.D
 Acq On : 27 Jul 2022 23:05
 Operator : SY/MD
 Sample : N3870-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ19

Quant Time: Jul 28 03:50:48 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)

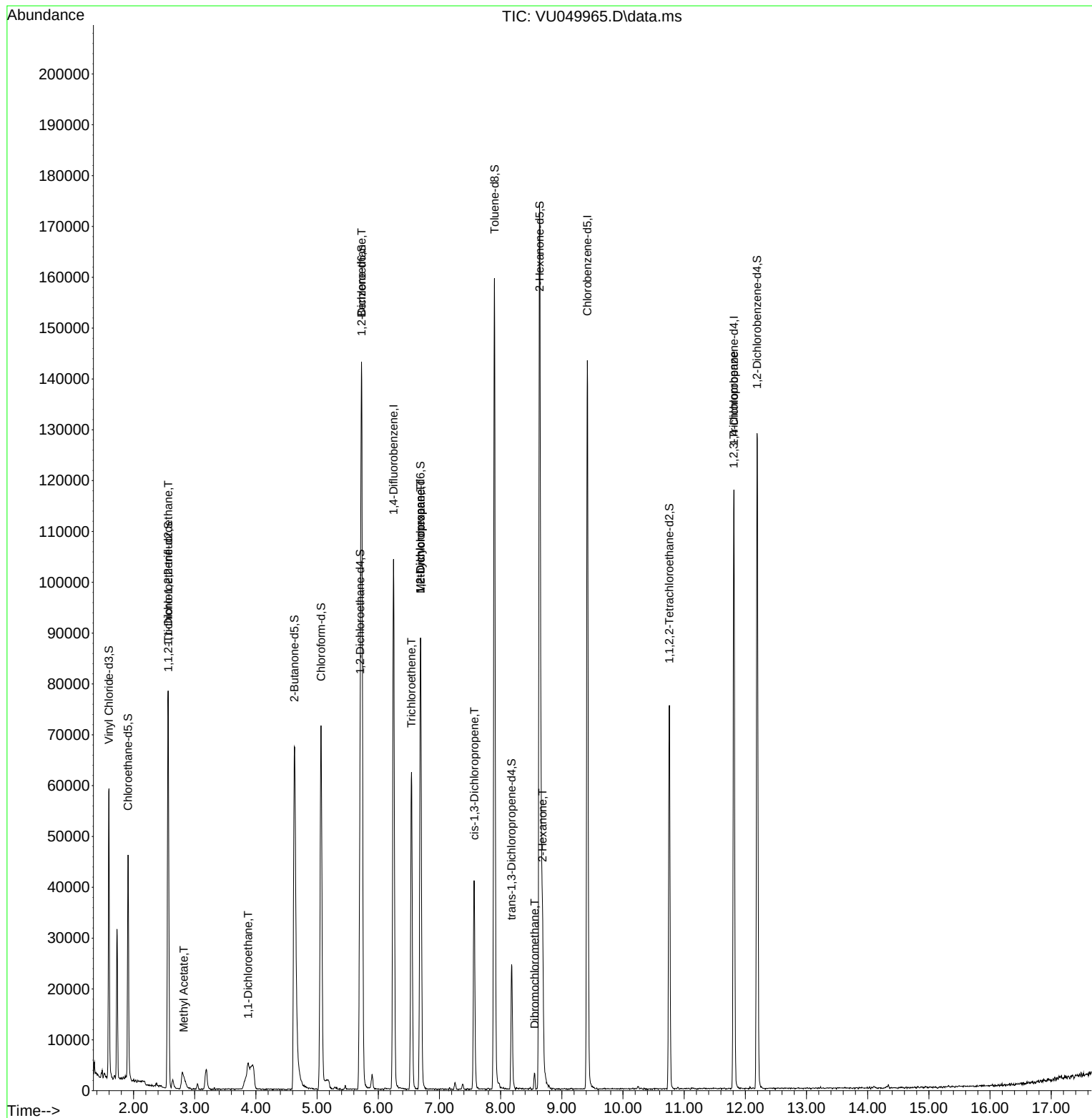
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86737	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	31918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	41189	5.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 110.600%	
7) Chloroethane-d5	1.910	69	31478	5.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 117.600%	
11) 1,1-Dichloroethene-d2	2.565	65	14421	5.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 112.400%	
20) 2-Butanone-d5	4.630	46	99403	59.961	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 119.920%	
24) Chloroform-d	5.064	84	68019	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.400%	
26) 1,2-Dichloroethane-d4	5.704	65	35952	5.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.800%	
32) Benzene-d6	5.726	84	137684	5.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.200%	
36) 1,2-Dichloropropane-d6	6.691	67	46653	5.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 114.000%	
41) Toluene-d8	7.900	98	113246	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%	
43) trans-1,3-Dichloroprop...	8.179	79	15288	5.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 106.600%	
46) 2-Hexanone-d5	8.636	63	56028	52.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 104.300%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39621	5.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	36735	6.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 124.200%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	750	0.145	ug/L #	27
15) Methyl Acetate	2.823	43	1224	0.506	ug/L #	48
19) 1,1-Dichloroethane	3.871	63	2563	0.237	ug/L	95
27) 1,2-Dichloroethane	5.729	62	661	0.098	ug/L #	73
34) Trichloroethene	6.543	95	22651	3.774	ug/L	97
35) Methylcyclohexane	6.691	83	10154	1.283	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	4357	0.640	ug/L #	88
39) cis-1,3-Dichloropropene	7.569	75	917	0.104	ug/L #	9
48) 2-Hexanone	8.684	43	17440	5.819	ug/L #	89
49) Dibromochloromethane	8.556	129	652	0.117	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	4019	1.084	ug/L #	65

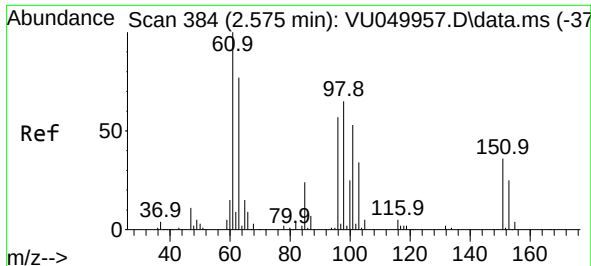
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.145 ug/L

RT: 2.569 min Scan# 384

Delta R.T. -0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

GBJ19

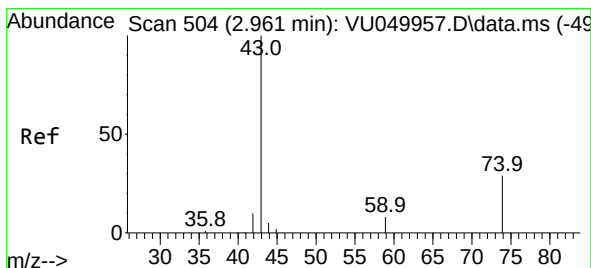
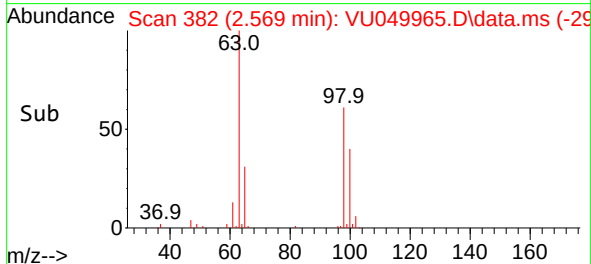
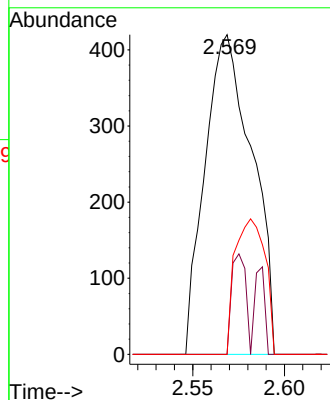
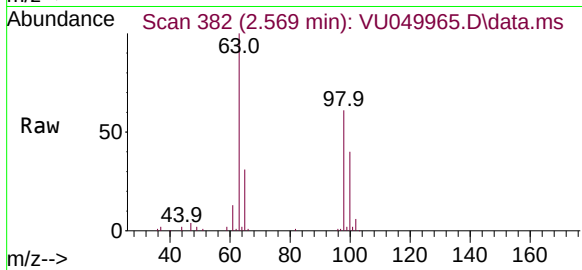
Tgt Ion:101 Resp: 750

Ion Ratio Lower Upper

101 100

85 9.3 34.1 51.1#

151 0.0 56.6 85.0#



#15

Methyl Acetate

Concen: 0.506 ug/L

RT: 2.823 min Scan# 461

Delta R.T. -0.138 min

Lab File: VU049965.D

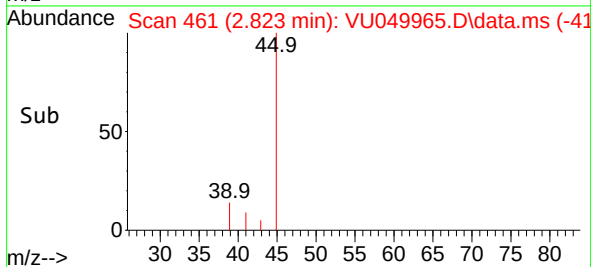
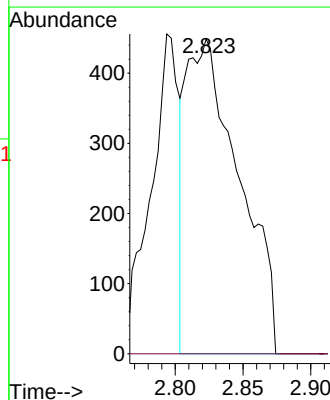
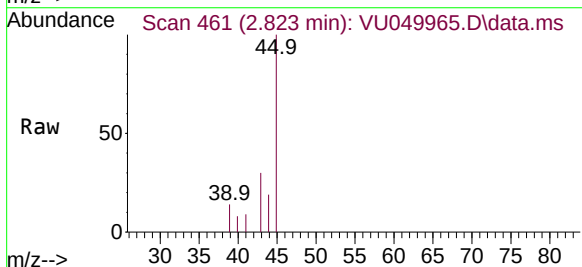
Acq: 27 Jul 2022 23:05

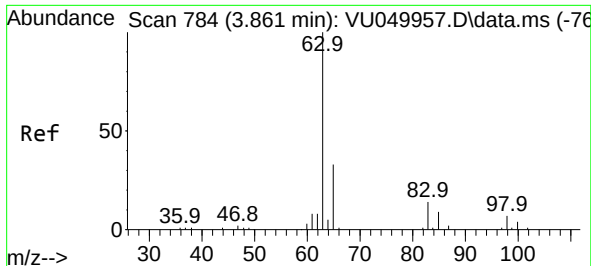
Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#





#19

1,1-Dichloroethane

Concen: 0.237 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.010 min

Lab File: VU049965.D

Acq: 27 Jul 2022 23:05

Instrument :

MSVOA_U

ClientSampleId :

GBJ19

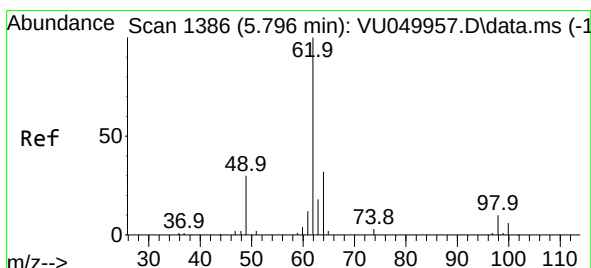
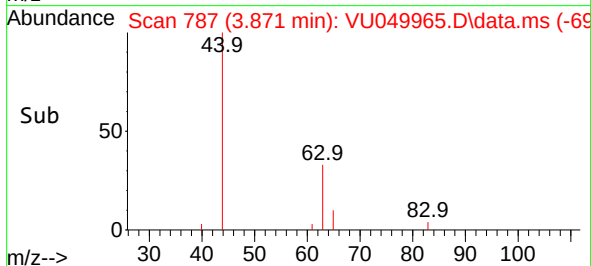
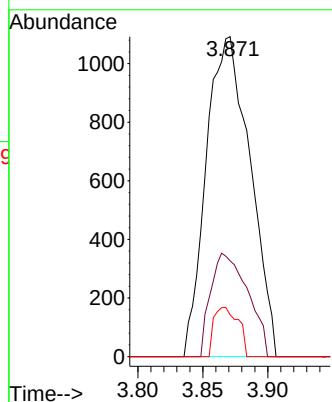
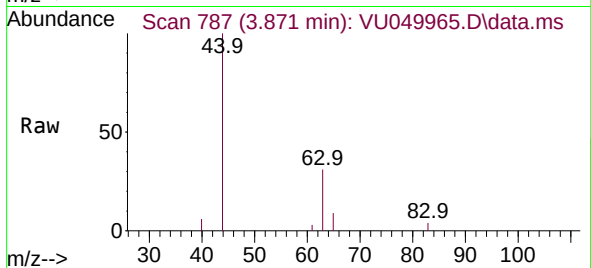
Tgt Ion: 63 Resp: 2563

Ion Ratio Lower Upper

63 100

65 29.9 23.4 43.6

83 13.1 9.4 17.4



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.067 min

Lab File: VU049965.D

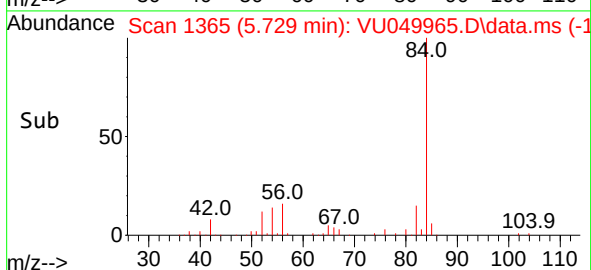
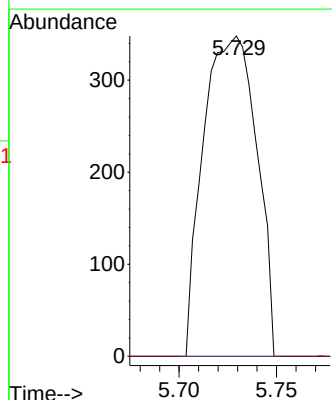
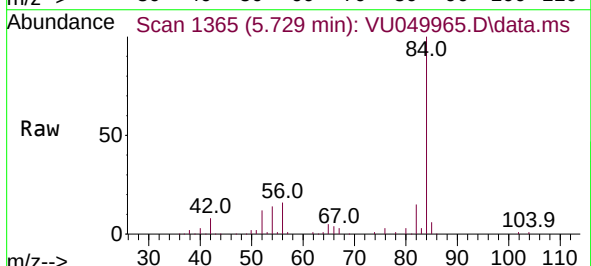
Acq: 27 Jul 2022 23:05

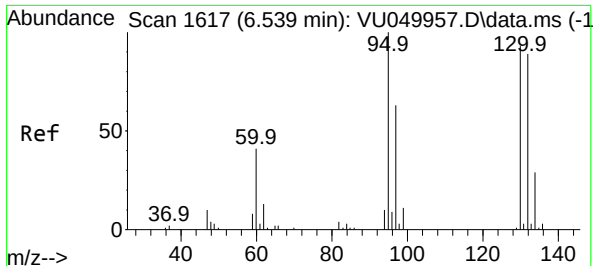
Tgt Ion: 62 Resp: 661

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



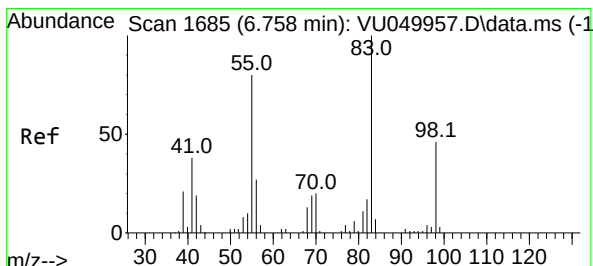
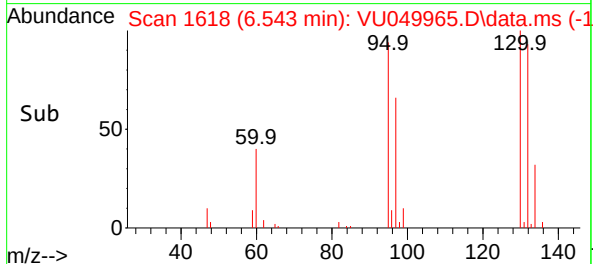
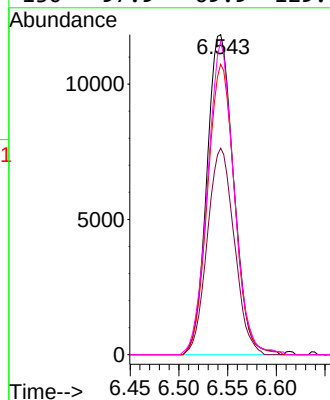
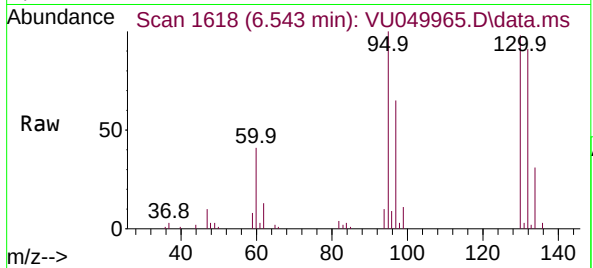


#34
Trichloroethene
Concen: 3.774 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.004 min
Lab File: VU049965.D
Acq: 27 Jul 2022 23:05

Instrument :
MSVOA_U
ClientSampleId :
GBJ19

Tgt Ion: 95 Resp: 22651

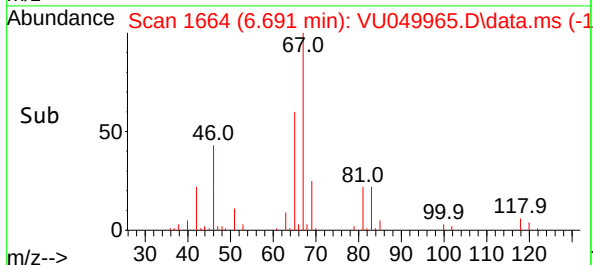
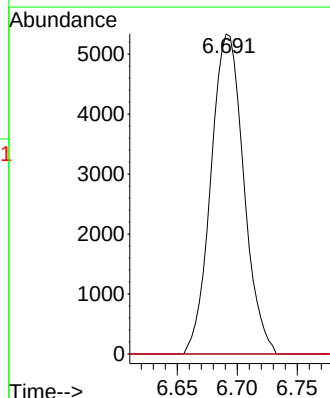
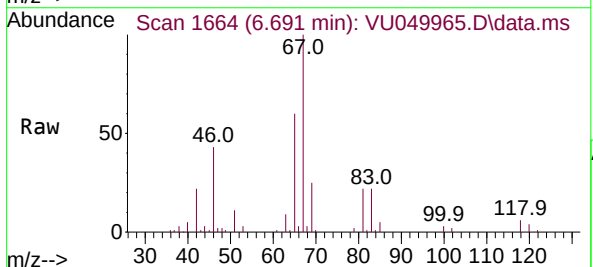
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.6	84.8
132	90.8	66.8	124.2
130	97.9	69.9	129.7

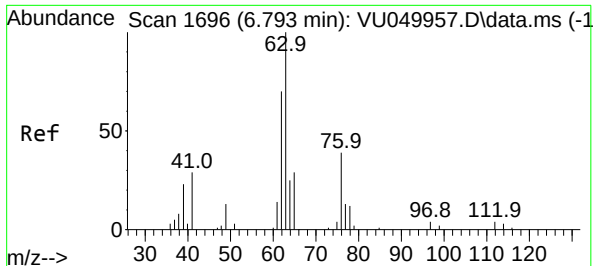


#35
Methylcyclohexane
Concen: 1.283 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.067 min
Lab File: VU049965.D
Acq: 27 Jul 2022 23:05

Tgt Ion: 83 Resp: 10154

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.6	92.4#
98	1.3	34.8	52.2#





#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.102 min

Lab File: VU049965.D

Acq: 27 Jul 2022 23:05

Instrument :

MSVOA_U

ClientSampleId :

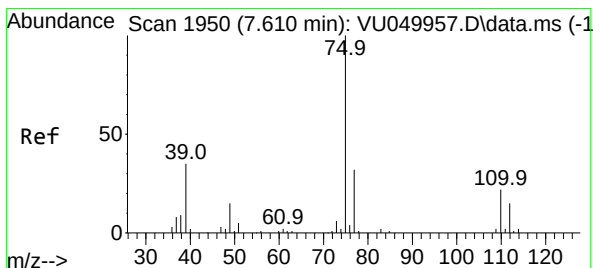
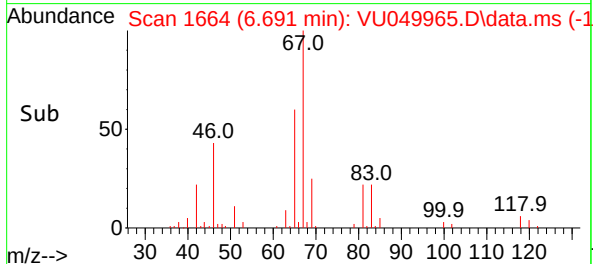
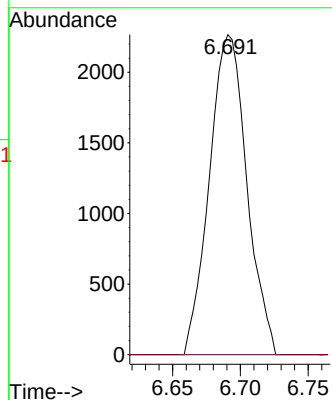
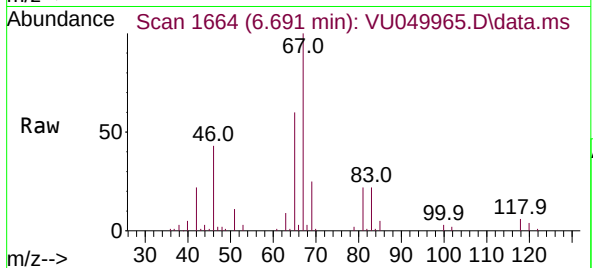
GBJ19

Tgt Ion: 63 Resp: 4357

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.569 min Scan# 1937

Delta R.T. -0.041 min

Lab File: VU049965.D

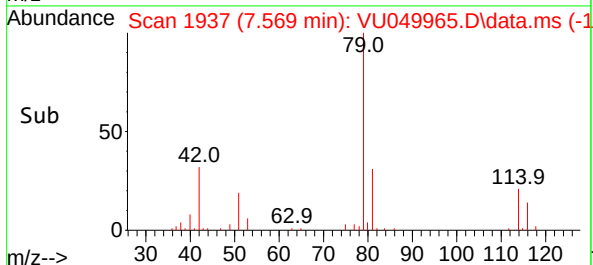
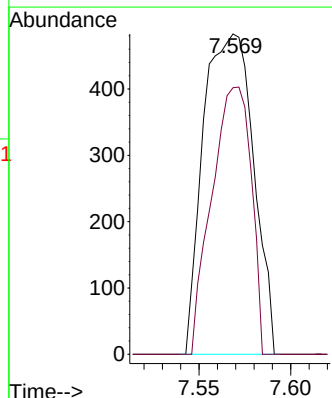
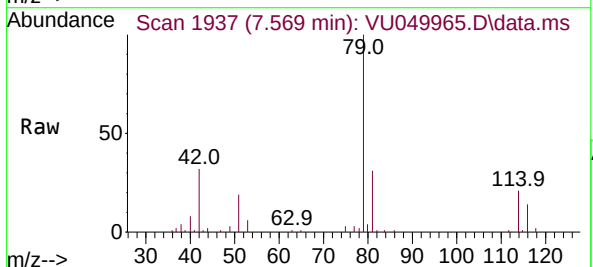
Acq: 27 Jul 2022 23:05

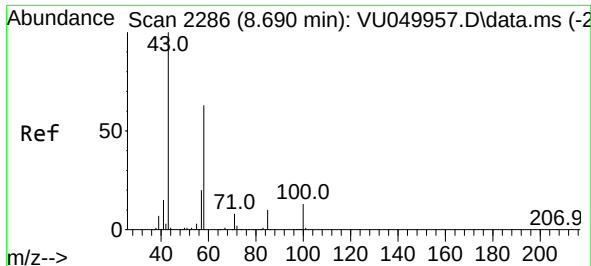
Tgt Ion: 75 Resp: 917

Ion Ratio Lower Upper

75 100

77 83.2 22.5 41.9#

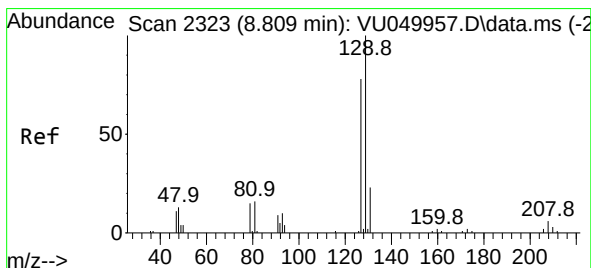
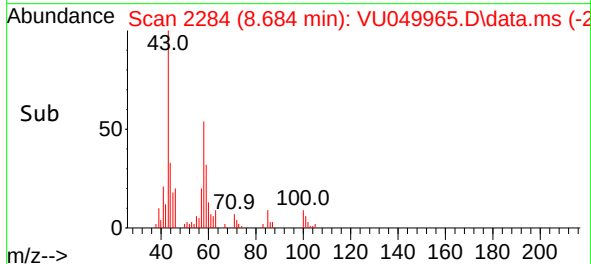
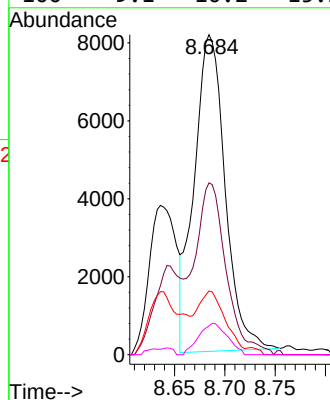
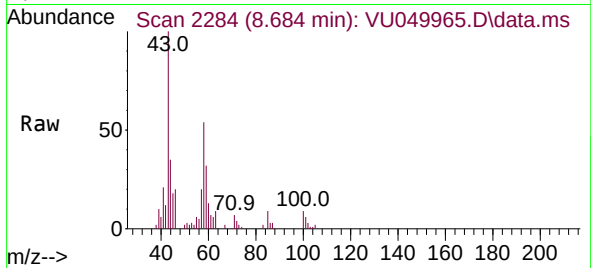




#48
2-Hexanone
Concen: 5.819 ug/L
RT: 8.684 min Scan# 2144
Delta R.T. -0.006 min
Lab File: VU049965.D
Acq: 27 Jul 2022 23:05

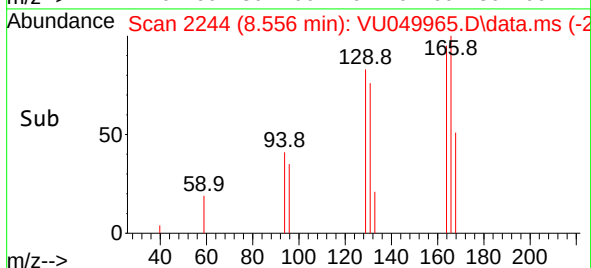
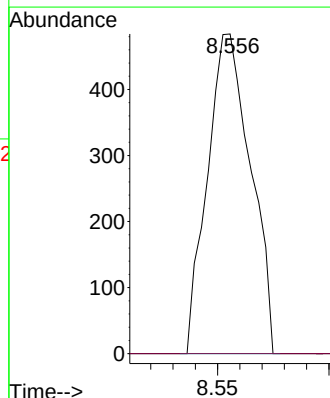
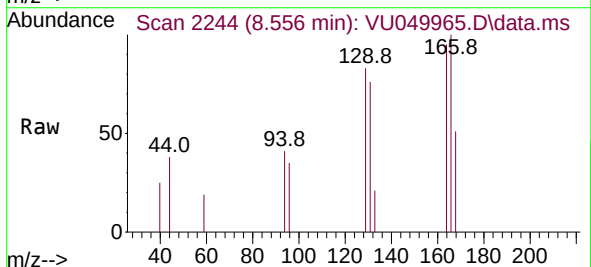
Instrument :
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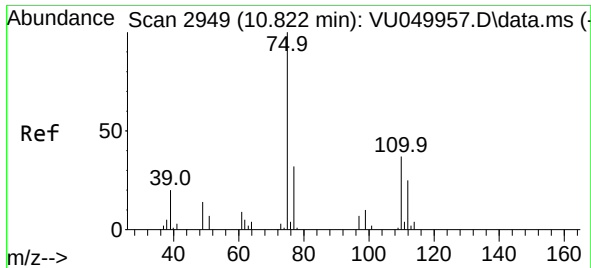
Tgt Ion: 43	Resp:	17440
Ion	Ratio	Lower Upper
43	100	
58	52.5	49.4 74.0
57	16.3	17.0 25.4#
100	9.1	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.117 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU049965.D
Acq: 27 Jul 2022 23:05

Tgt Ion: 129	Resp:	652
Ion	Ratio	Lower Upper
129	100	
127	0.0	54.5 101.1#





#61
1,2,3-Trichloropropane
Concen: 1.084 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.988 min
Lab File: VU049965.D
Acq: 27 Jul 2022 23:05

Instrument :
MSVOA_U
ClientSampleId :
GBJ19

Tgt Ion: 75 Resp: 4019
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 27.9 24.7 37.1

