

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072922\
 Data File : VU050039.D
 Acq On : 29 Jul 2022 16:19
 Operator : SY/MD
 Sample : N3825-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ20

Quant Time: Jul 30 01:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 30 01:40:38 2022
 Response via : Initial Calibration

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

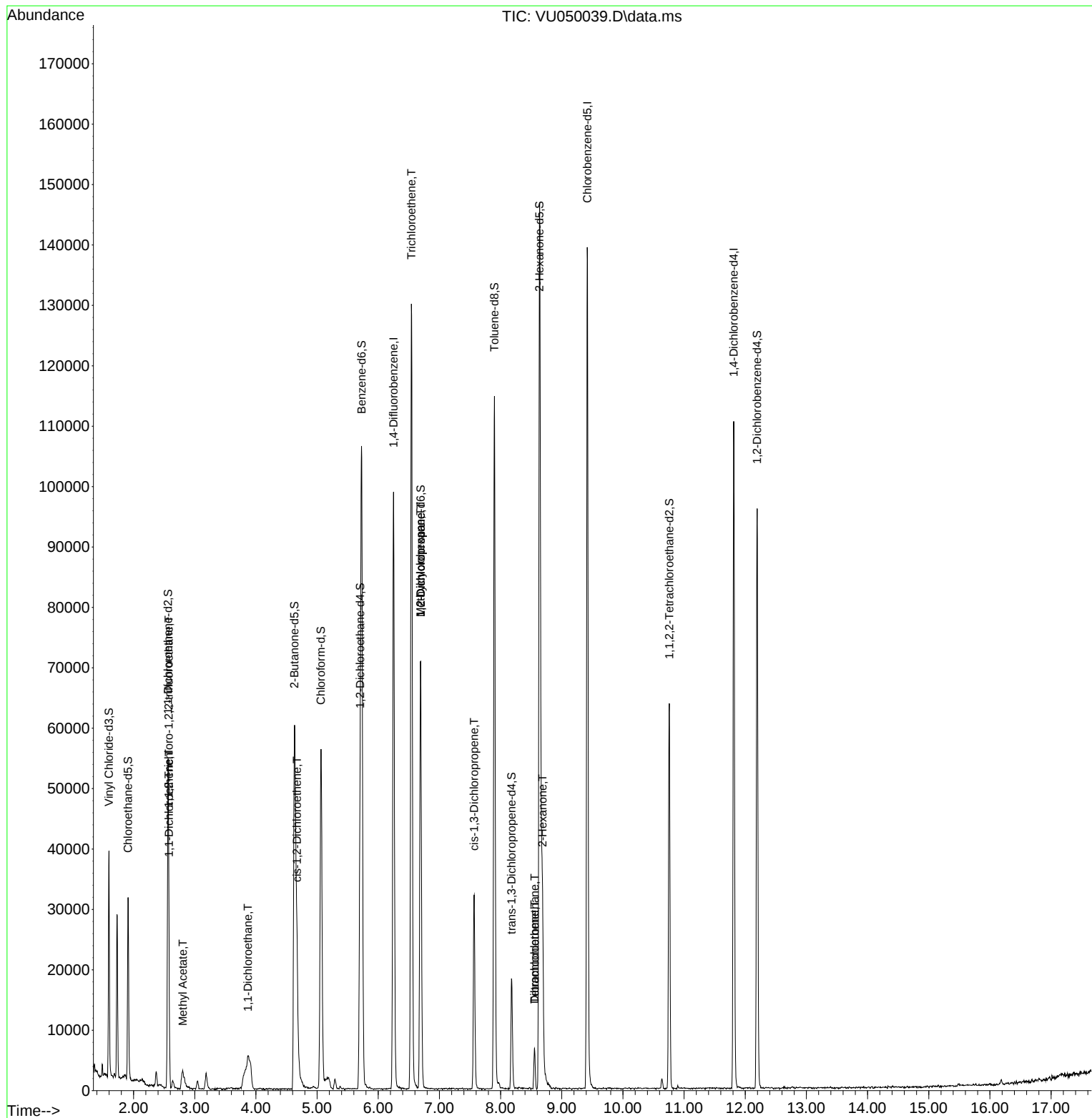
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25675	3.677	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.909	69	22312	4.448	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.565	65	10015	4.161	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	4.629	46	85670	55.113	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.220%	
24) Chloroform-d	5.063	84	53828	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.703	65	30295	5.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.729	84	100632	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.694	67	36724	4.691	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.899	98	81949	3.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.179	79	11729	4.274	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.636	63	46258	45.033	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33336	5.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	26647	4.625	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1821	0.376	ug/L	87
12) 1,1-Dichloroethene	2.578	96	868	0.193	ug/L #	1
15) Methyl Acetate	2.803	43	1492	0.658	ug/L #	48
19) 1,1-Dichloroethane	3.867	63	1973	0.195	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	8287	1.405	ug/L	94
34) Trichloroethene	6.542	95	45891	7.998	ug/L	99
35) Methylcyclohexane	6.690	83	8150	1.077	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3486	0.536	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	796	0.095	ug/L #	51
47) Tetrachloroethene	8.555	164	1534	0.371	ug/L	93
48) 2-Hexanone	8.687	43	16859	5.884	ug/L #	88
49) Dibromochloromethane	8.555	129	1587	0.298	ug/L #	10

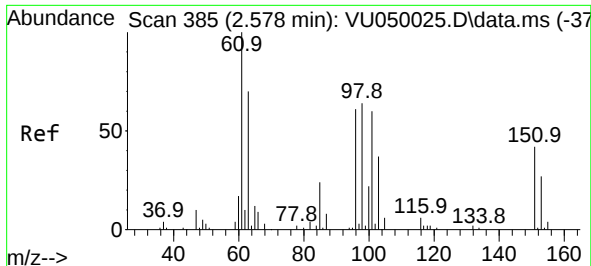
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.376 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

GBJ20

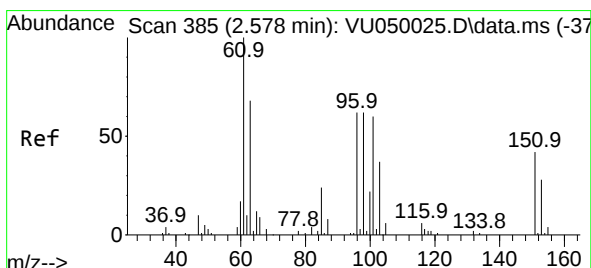
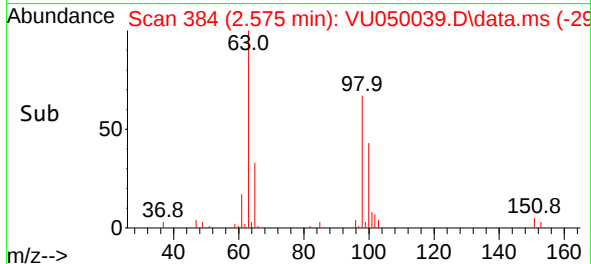
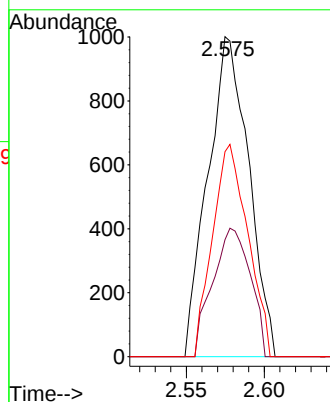
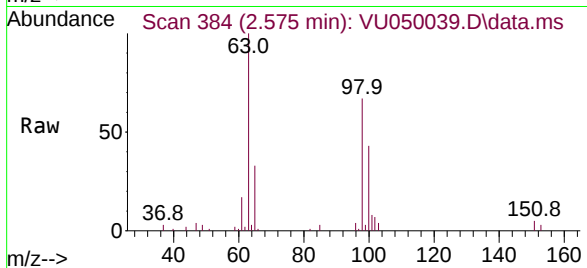
Tgt Ion:101 Resp: 1821

Ion Ratio Lower Upper

101 100

85 37.2 34.1 51.1

151 57.6 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.193 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

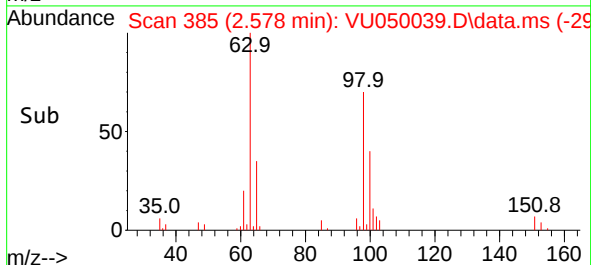
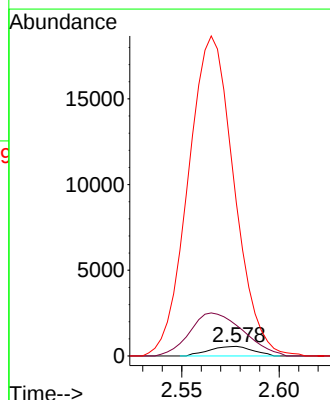
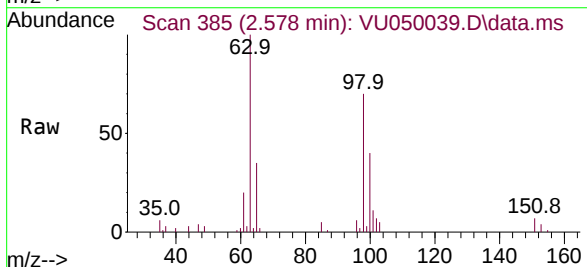
Tgt Ion: 96 Resp: 868

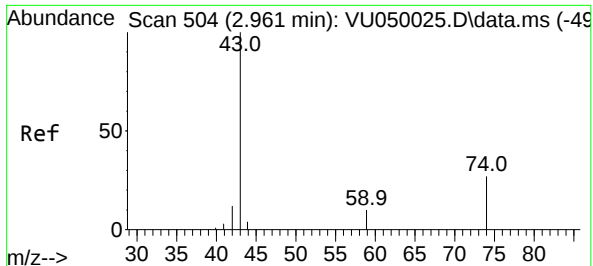
Ion Ratio Lower Upper

96 100

61 322.6 115.7 214.9#

63 1602.5 84.8 157.4#

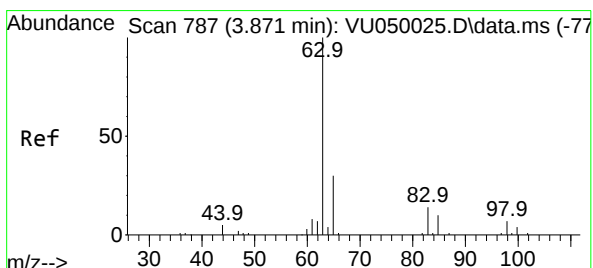
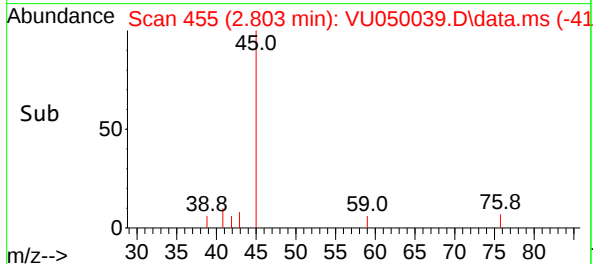
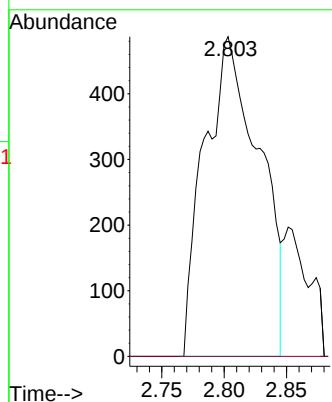
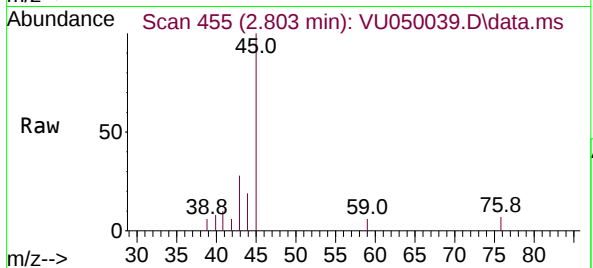




#15
Methyl Acetate
Concen: 0.658 ug/L
RT: 2.803 min Scan# 41
Delta R.T. -0.158 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

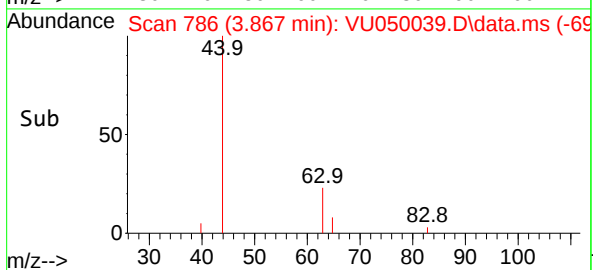
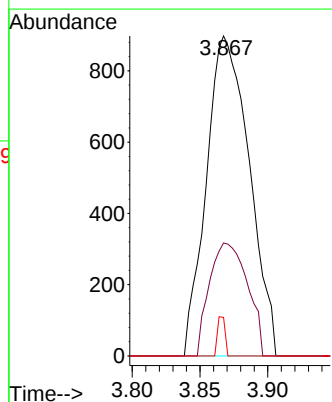
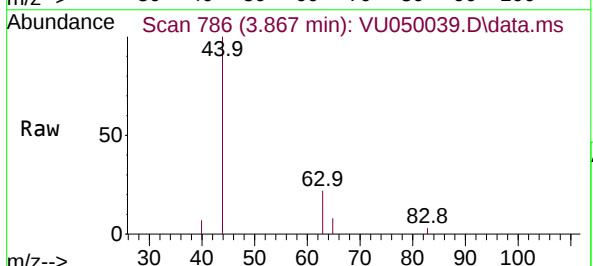
Instrument :
MSVOA_U
ClientSampleId :
GBJ20

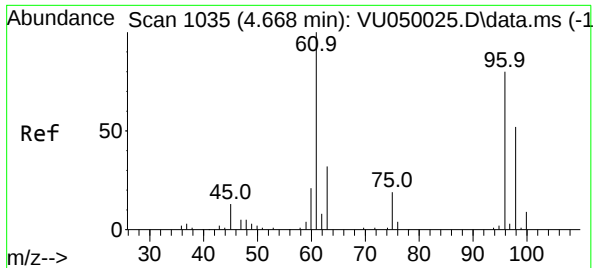
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
1,1-Dichloroethane
Concen: 0.195 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

Tgt Ion: 63 Resp: 1973
Ion Ratio Lower Upper
63 100
65 35.3 23.4 43.6
83 12.0 9.4 17.4

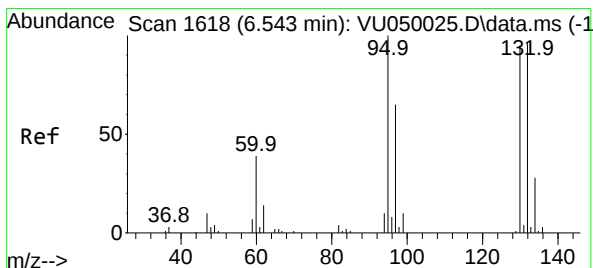
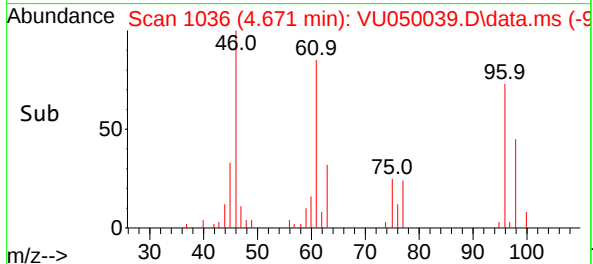
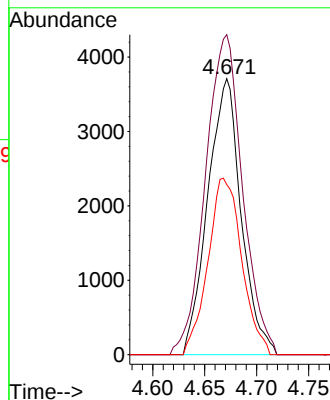
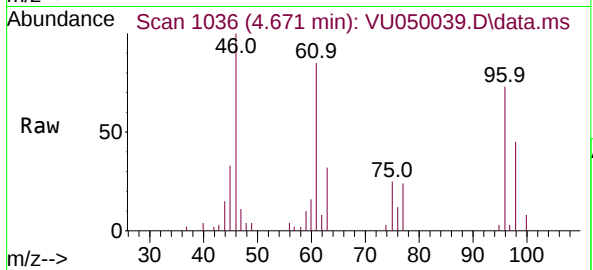




#22
cis-1,2-Dichloroethene
Concen: 1.405 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

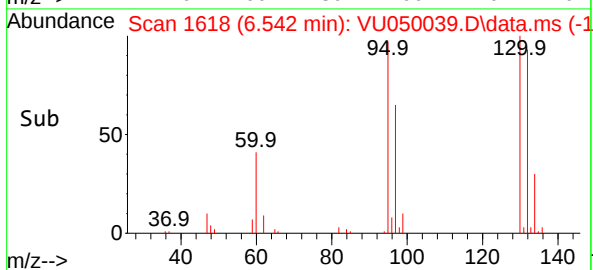
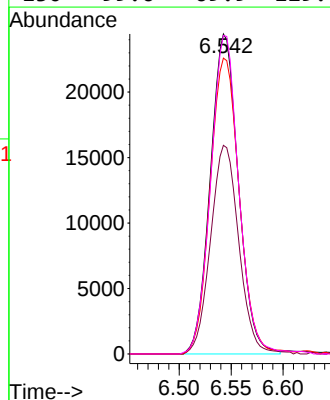
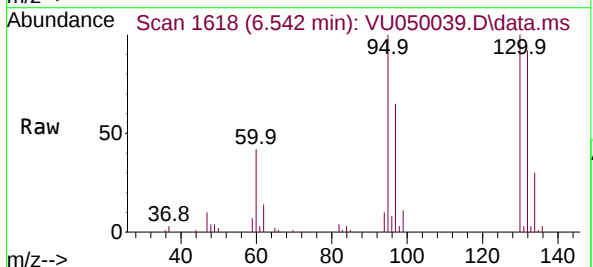
Instrument :
MSVOA_U
ClientSampleId :
GBJ20

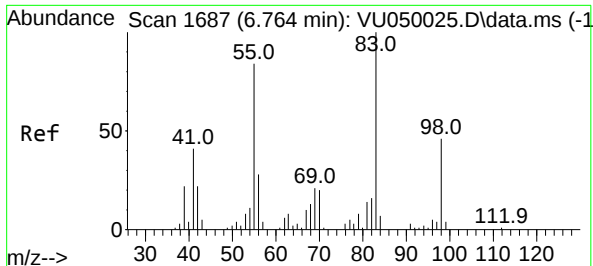
Tgt Ion: 96 Resp: 8287
Ion Ratio Lower Upper
96 100
61 115.9 87.2 161.9
98 61.6 44.7 83.1



#34
Trichloroethene
Concen: 7.998 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

Tgt Ion: 95 Resp: 45891
Ion Ratio Lower Upper
95 100
97 65.2 45.6 84.8
132 92.5 66.8 124.2
130 99.6 69.9 129.7





#35

Methylcyclohexane

Concen: 1.077 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

Instrument :

MSVOA_U

ClientSampleId :

GBJ20

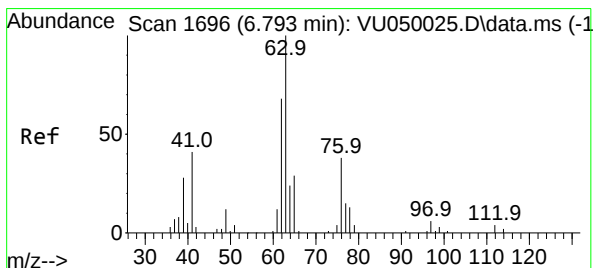
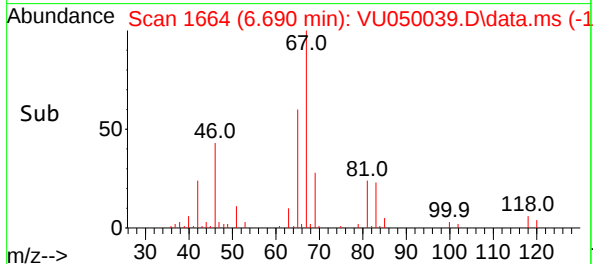
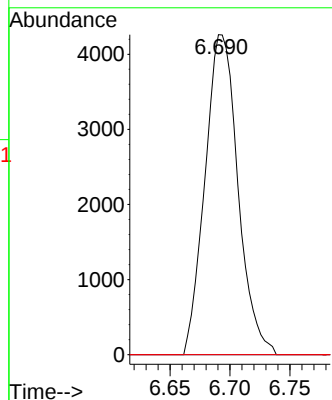
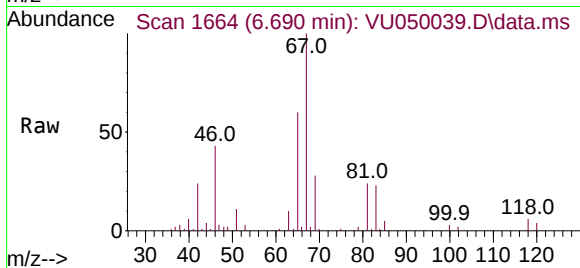
Tgt Ion: 83 Resp: 8150

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.7 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050039.D

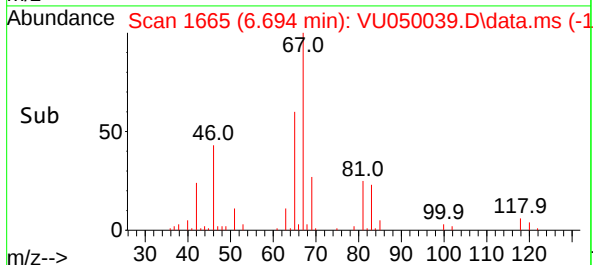
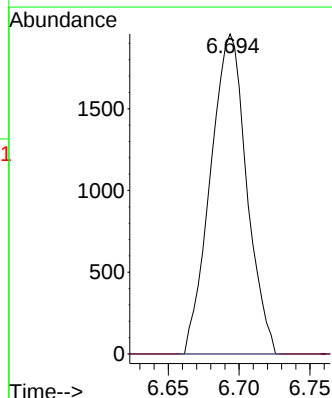
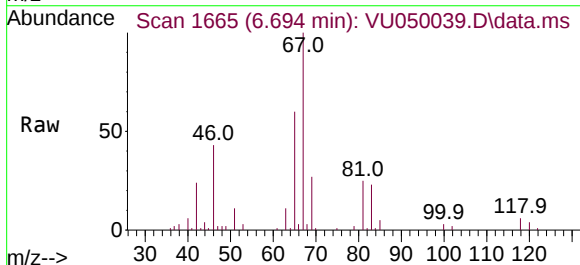
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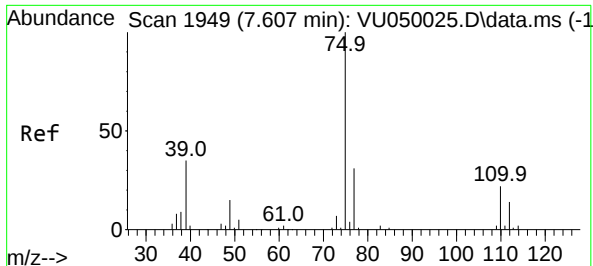
Tgt Ion: 63 Resp: 3486

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

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MSVOA_U

ClientSampleId :

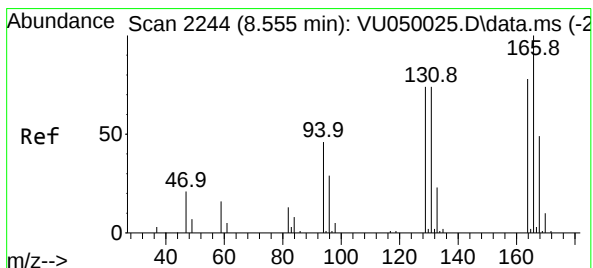
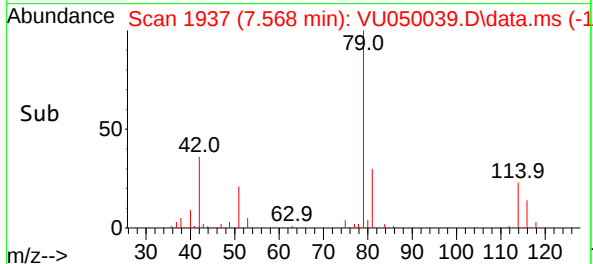
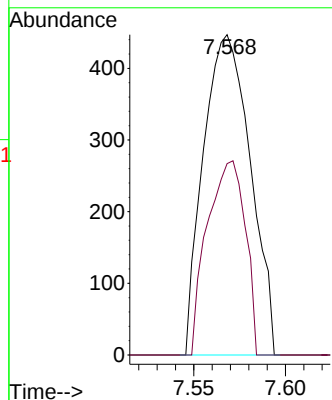
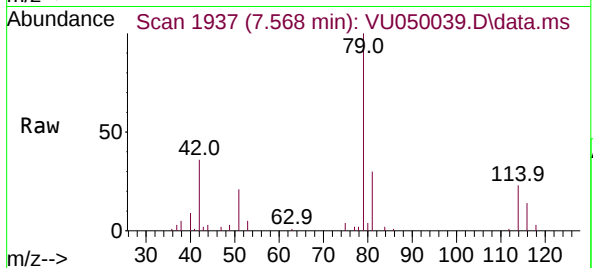
GBJ20

Tgt Ion: 75 Resp: 796

Ion Ratio Lower Upper

75 100

77 59.7 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.371 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU050039.D

Acq: 29 Jul 2022 16:19

Tgt Ion:164 Resp: 1534

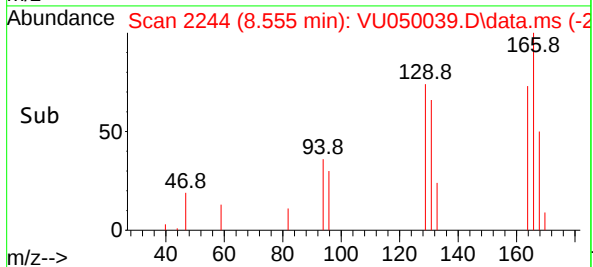
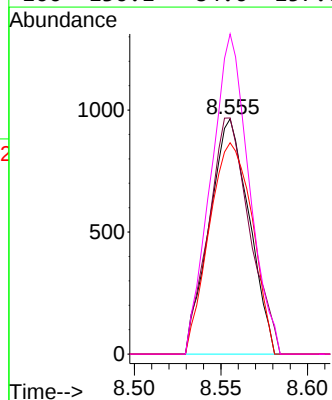
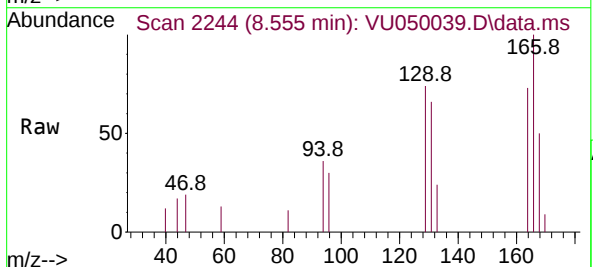
Ion Ratio Lower Upper

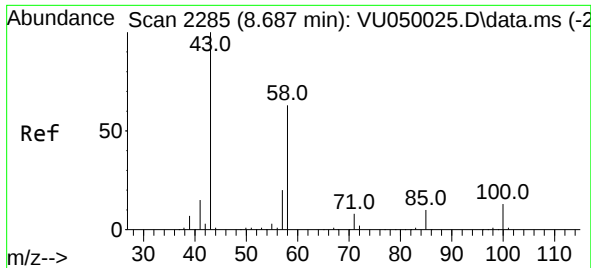
164 100

129 100.4 66.3 123.1

131 89.8 63.1 117.1

166 136.1 84.6 157.0

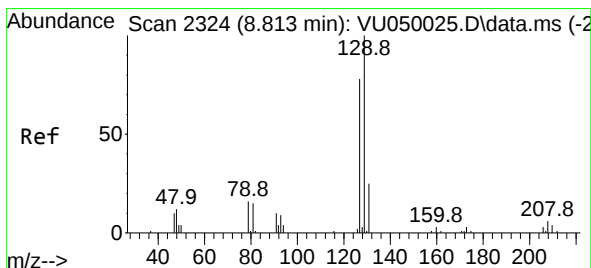
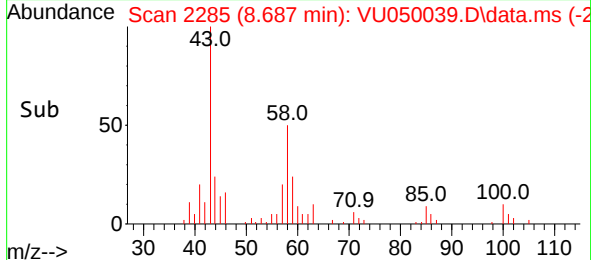
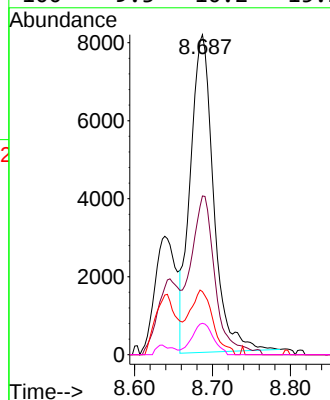
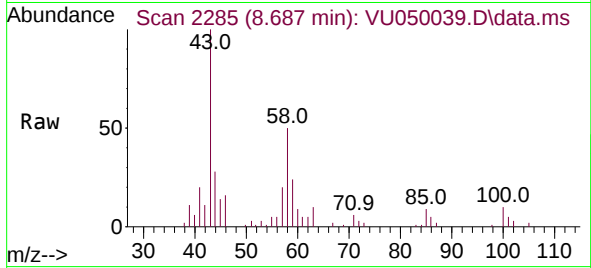




#48
2-Hexanone
Concen: 5.884 ug/L
RT: 8.687 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

Instrument :
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Tgt Ion: 43	Resp: 16859
Ion Ratio	Lower Upper
43	100
58	48.8 49.4 74.0#
57	20.5 17.0 25.4
100	9.3 10.2 15.2#



#49
Dibromochloromethane
Concen: 0.298 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU050039.D
Acq: 29 Jul 2022 16:19

Tgt Ion: 129	Resp: 1587
Ion Ratio	Lower Upper
129	100
127	0.0 54.5 101.1#

