

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050145.D
 Acq On : 08 Aug 2022 19:19
 Operator : SY/MD
 Sample : N4070-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3

Quant Time: Aug 09 01:59:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

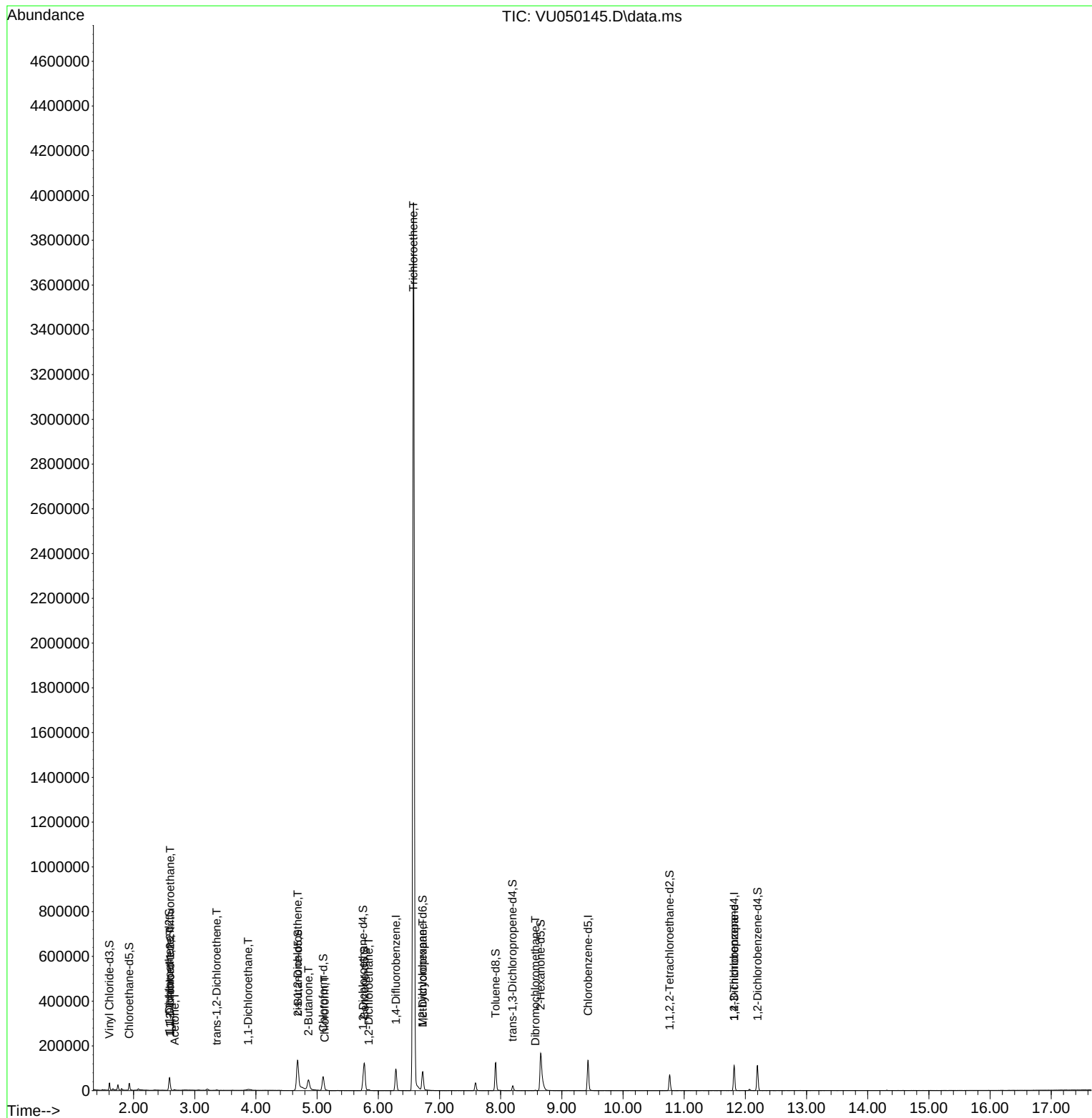
Internal Standards						
1) 1,4-Difluorobenzene	6.288	114	77358	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.430	117	80183	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.816	152	31058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	23544	3.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.928	69	23061	4.440	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.584	65	10251	4.074	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.684	46	83871	53.424	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.840%
24) Chloroform-d	5.099	84	59741	4.989	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.751	65	32014	5.207	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.774	84	107849	4.310	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.726	67	41343	5.017	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.919	98	86494	3.914	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.195	79	13136	4.449	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.652	63	61276	58.520	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.040%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	37376	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	30120	4.950	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.597	101	1396	0.276	ug/L #	81
12) 1,1-Dichloroethene	2.594	96	1760	0.329	ug/L #	1
13) Acetone	2.671	43	3476	3.976	ug/L	84
18) trans-1,2-Dichloroethene	3.359	96	645	0.108	ug/L	83
19) 1,1-Dichloroethane	3.874	63	2234	0.197	ug/L	98
21) 2-Butanone	4.858	43	67689	43.054	ug/L #	47
22) cis-1,2-Dichloroethene	4.681	96	54637	8.222	ug/L	98
25) Chloroform	5.124	83	600	0.050	ug/L	92
27) 1,2-Dichloroethane	5.845	62	3095	0.421	ug/L	97
34) Trichloroethene	6.575	95	1377688	202.764	ug/L	97
35) Methylcyclohexane	6.726	83	8995	1.026	ug/L #	18
49) Dibromochloromethane	8.568	129	417	0.067	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	3819	0.903	ug/L #	65

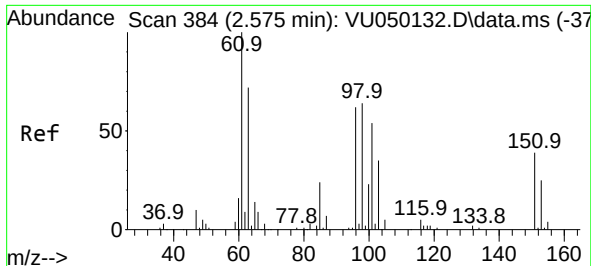
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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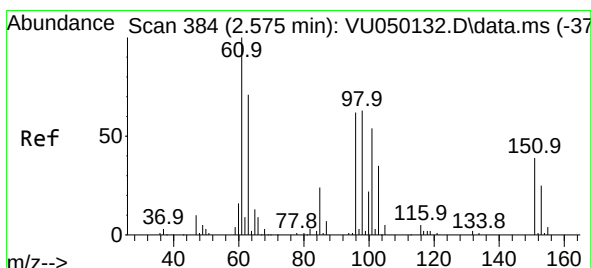
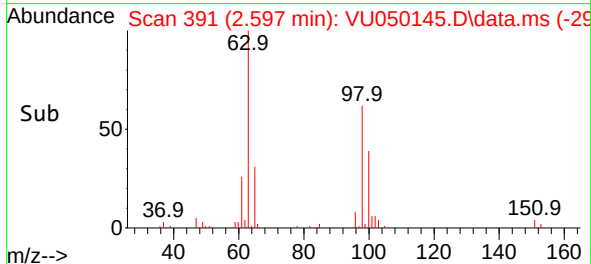
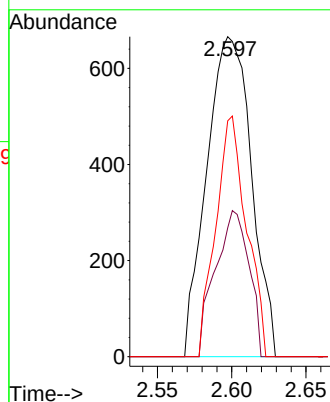
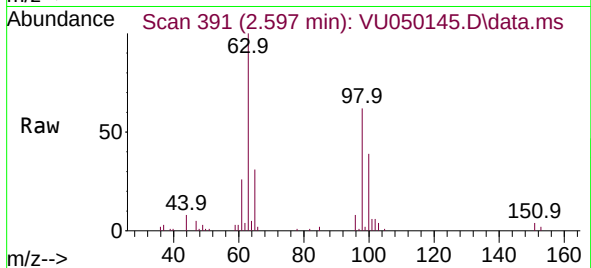




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.276 ug/L
 RT: 2.597 min Scan# 391
 Delta R.T. 0.022 min
 Lab File: VU050145.D
 Acq: 08 Aug 2022 19:19

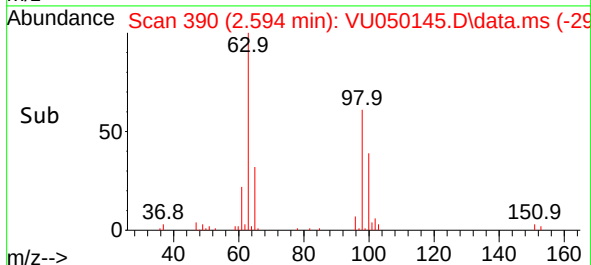
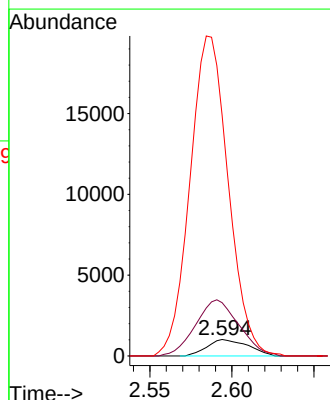
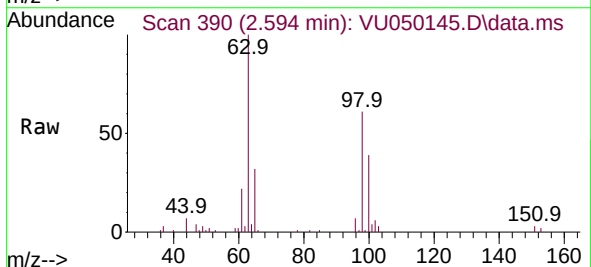
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3

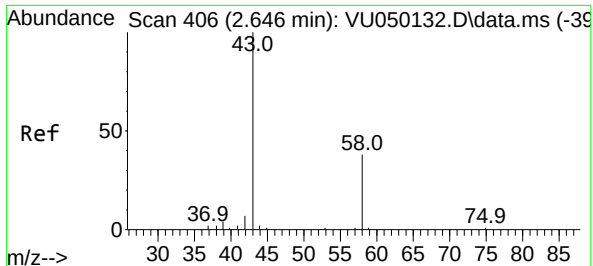
Tgt Ion:101 Resp: 1396
 Ion Ratio Lower Upper
 101 100
 85 34.2 35.6 53.4#
 151 51.9 55.2 82.8#



#12
 1,1-Dichloroethene
 Concen: 0.329 ug/L
 RT: 2.594 min Scan# 390
 Delta R.T. 0.019 min
 Lab File: VU050145.D
 Acq: 08 Aug 2022 19:19

Tgt Ion: 96 Resp: 1760
 Ion Ratio Lower Upper
 96 100
 61 322.3 122.7 227.9#
 63 1454.1 85.1 158.1#





#13

Acetone

Concen: 3.976 ug/L

RT: 2.671 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU050145.D

Acq: 08 Aug 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

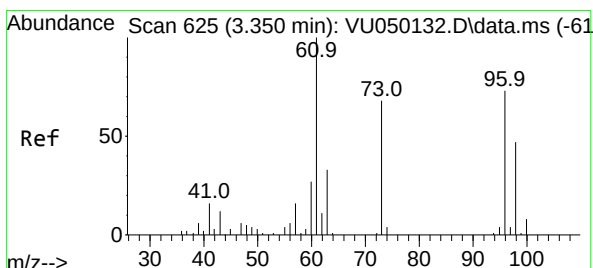
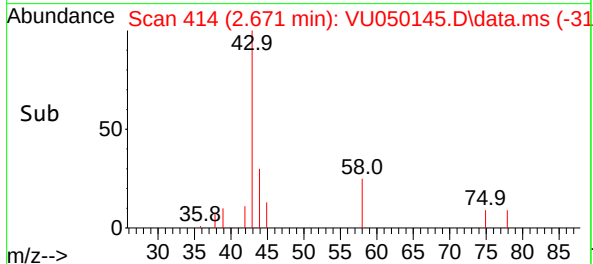
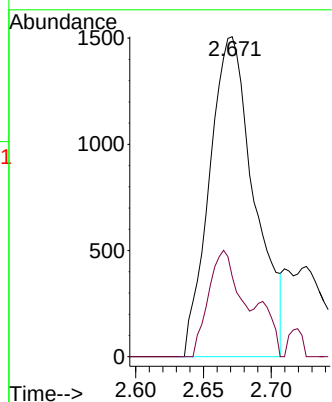
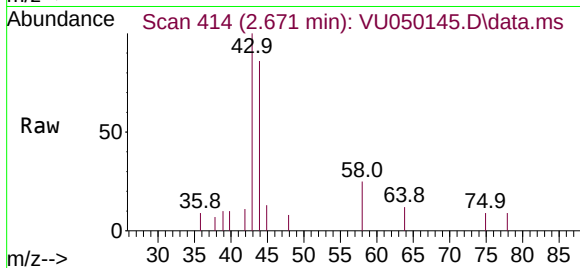
GBJL3

Tgt Ion: 43 Resp: 3476

Ion Ratio Lower Upper

43 100

58 22.8 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.010 min

Lab File: VU050145.D

Acq: 08 Aug 2022 19:19

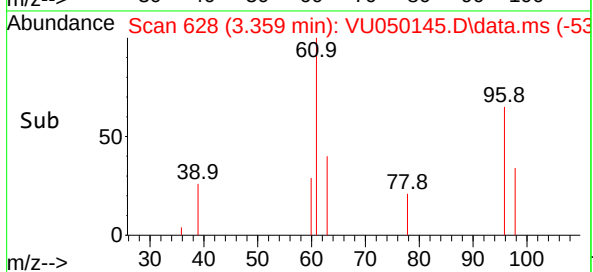
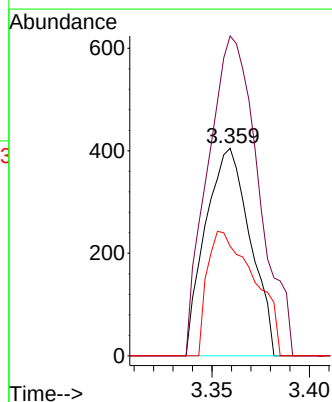
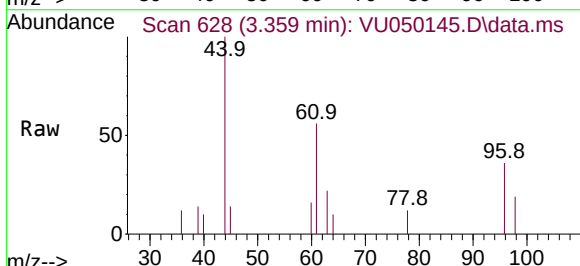
Tgt Ion: 96 Resp: 645

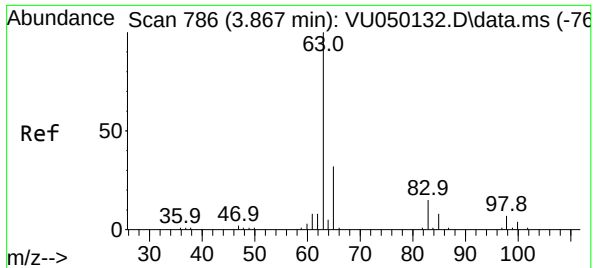
Ion Ratio Lower Upper

96 100

61 154.1 92.3 171.5

98 52.8 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.197 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU050145.D

Acq: 08 Aug 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

GBJL3

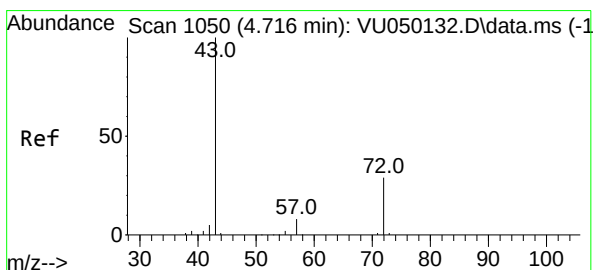
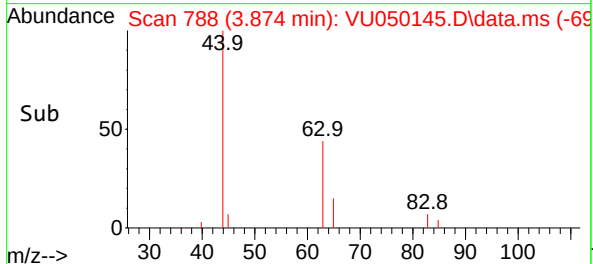
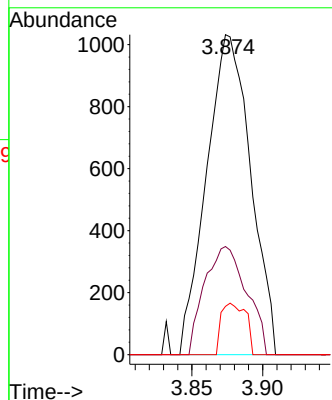
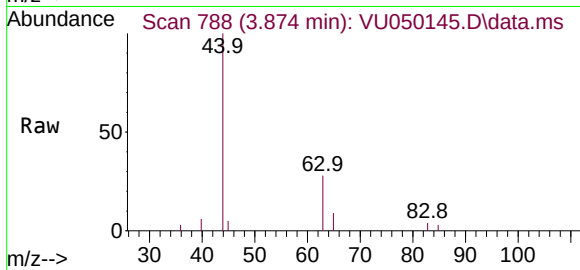
Tgt Ion: 63 Resp: 2234

Ion Ratio Lower Upper

63 100

65 33.8 22.7 42.3

83 15.1 9.8 18.2



#21

2-Butanone

Concen: 43.054 ug/L

RT: 4.858 min Scan# 1094

Delta R.T. 0.141 min

Lab File: VU050145.D

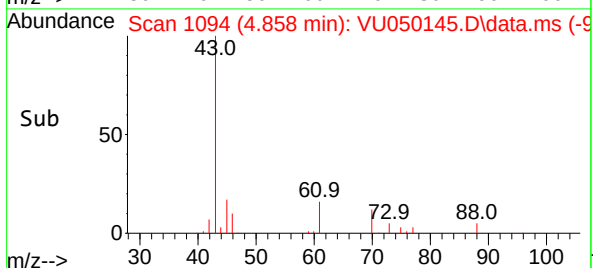
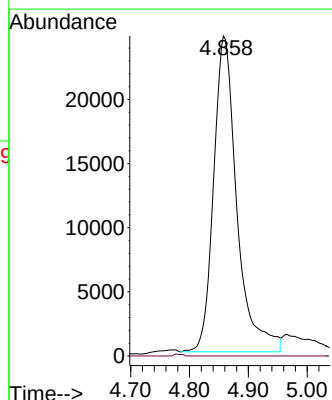
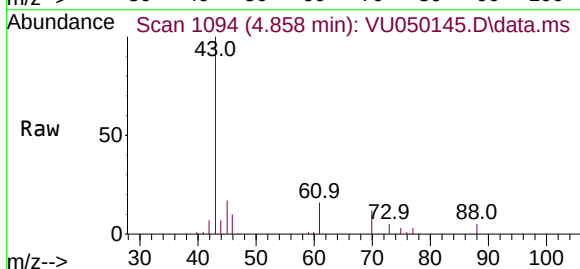
Acq: 08 Aug 2022 19:19

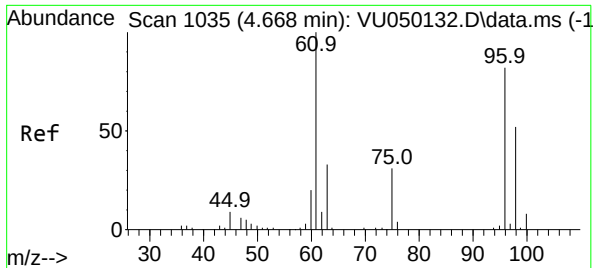
Tgt Ion: 43 Resp: 67689

Ion Ratio Lower Upper

43 100

72 0.2 14.0 42.0#





#22

cis-1,2-Dichloroethene

Concen: 8.222 ug/L

RT: 4.681 min Scan# 1177

Delta R.T. 0.013 min

Lab File: VU050145.D

Acq: 08 Aug 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

GBJL3

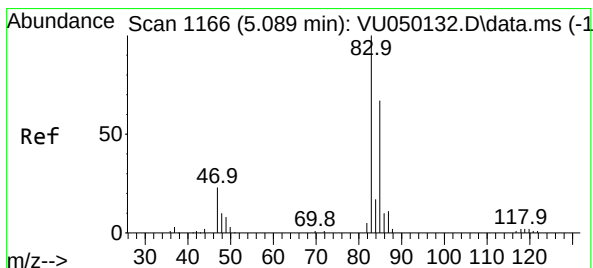
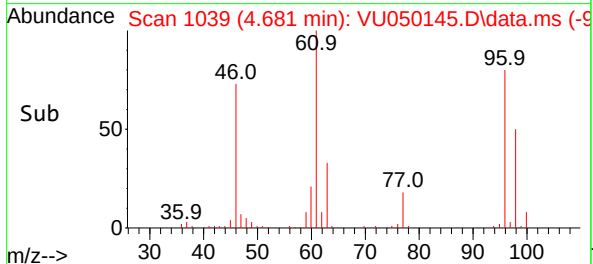
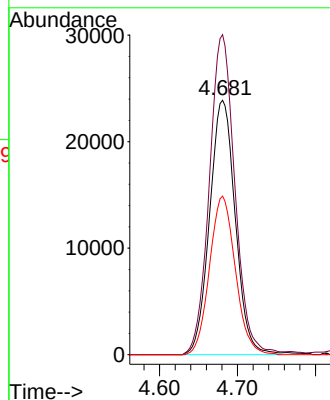
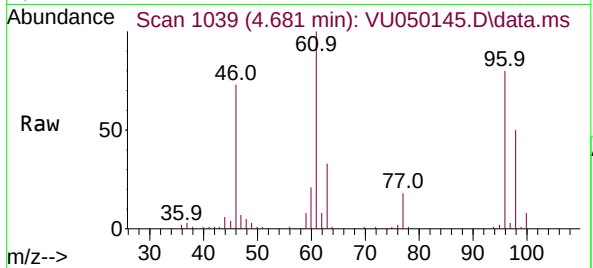
Tgt Ion: 96 Resp: 54637

Ion Ratio Lower Upper

96 100

61 125.7 89.0 165.4

98 62.3 45.2 84.0



#25

Chloroform

Concen: 0.050 ug/L

RT: 5.124 min Scan# 1177

Delta R.T. 0.035 min

Lab File: VU050145.D

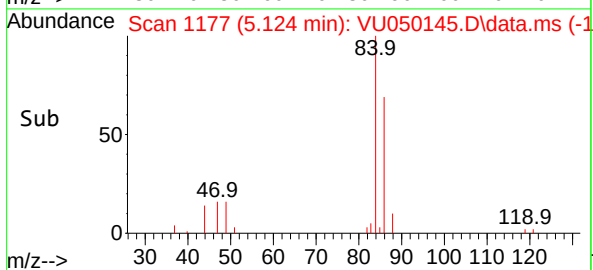
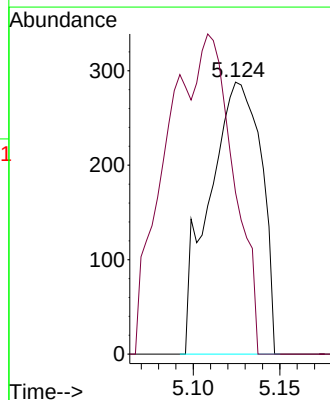
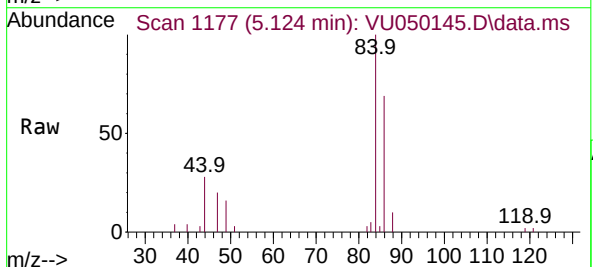
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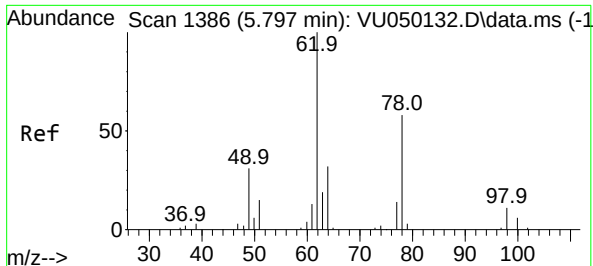
Tgt Ion: 83 Resp: 600

Ion Ratio Lower Upper

83 100

85 59.4 46.1 85.5

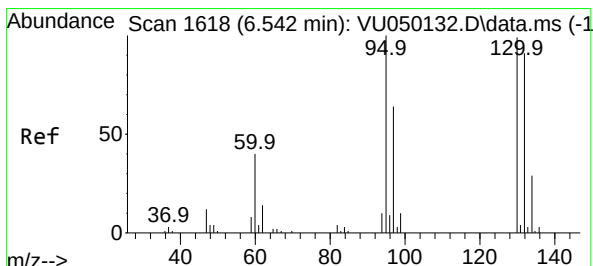
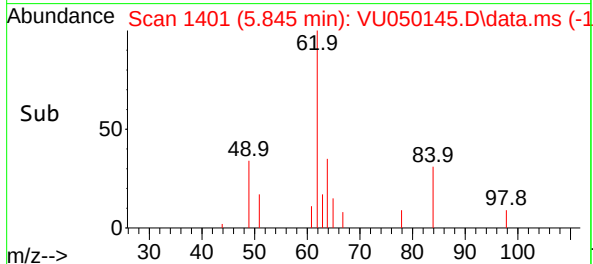
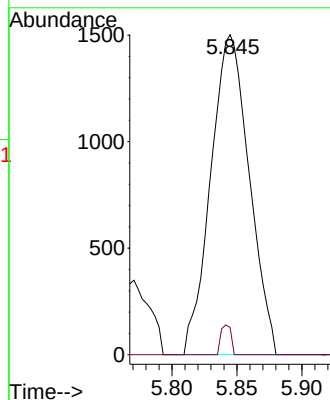
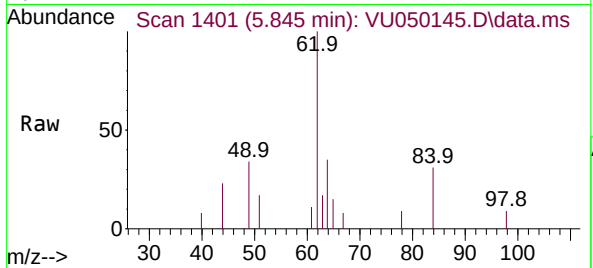




#27
1,2-Dichloroethane
Concen: 0.421 ug/L
RT: 5.845 min Scan# 1401
Delta R.T. 0.048 min
Lab File: VU050145.D
Acq: 08 Aug 2022 19:19

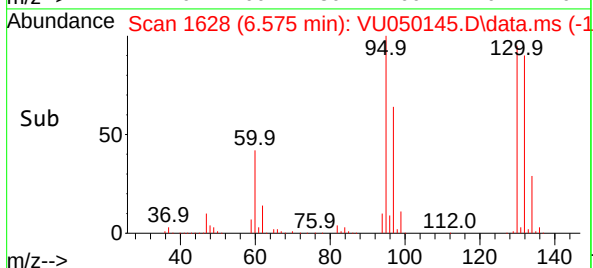
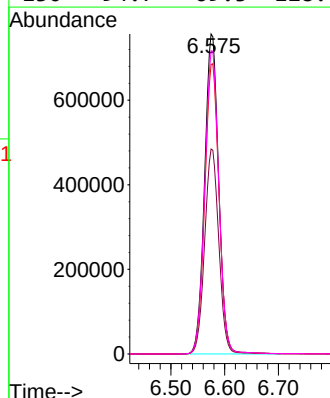
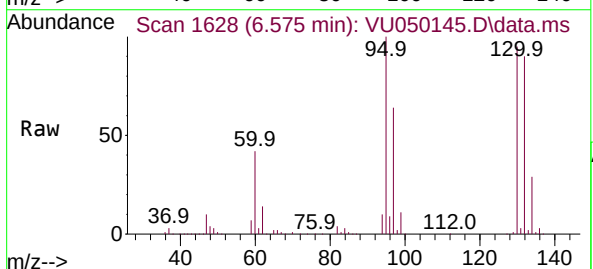
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GBJL3

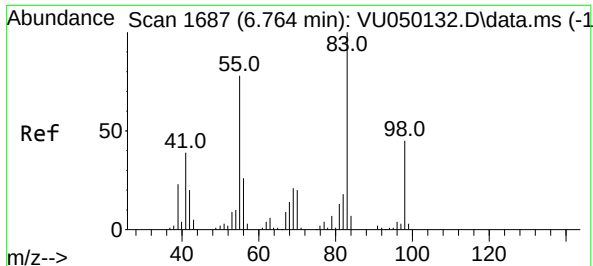
Tgt Ion: 62 Resp: 3095
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.8



#34
Trichloroethene
Concen: 202.764 ug/L
RT: 6.575 min Scan# 1628
Delta R.T. 0.032 min
Lab File: VU050145.D
Acq: 08 Aug 2022 19:19

Tgt Ion: 95 Resp: 1377688
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 90.5 65.0 120.6
130 94.7 69.3 128.7





#35

Methylcyclohexane

Concen: 1.026 ug/L

RT: 6.726 min Scan# 1

Delta R.T. -0.039 min

Lab File: VU050145.D

Acq: 08 Aug 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

GBJL3

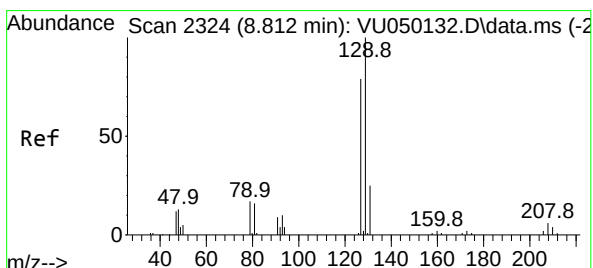
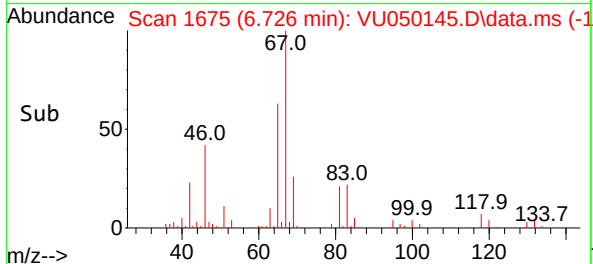
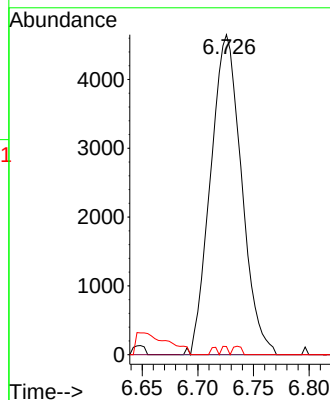
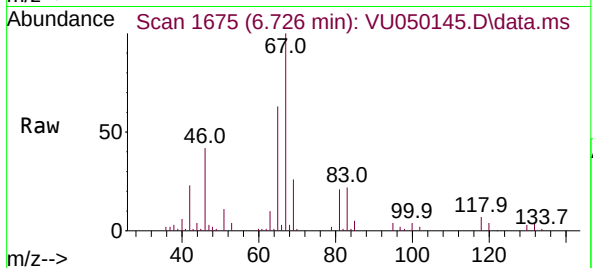
Tgt Ion: 83 Resp: 8995

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 36.2 54.2#



#49

Dibromochloromethane

Concen: 0.067 ug/L

RT: 8.568 min Scan# 2248

Delta R.T. -0.244 min

Lab File: VU050145.D

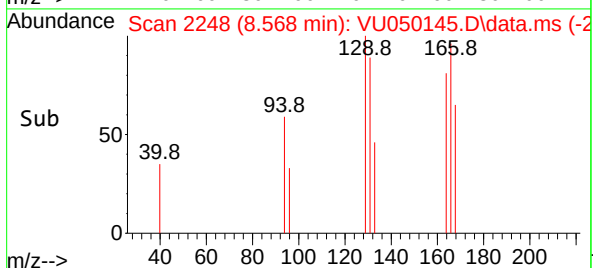
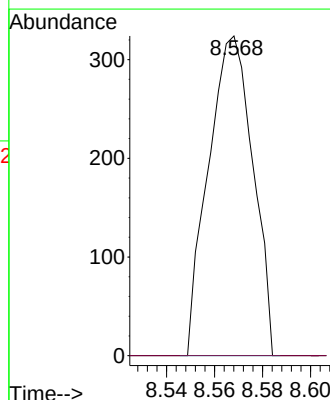
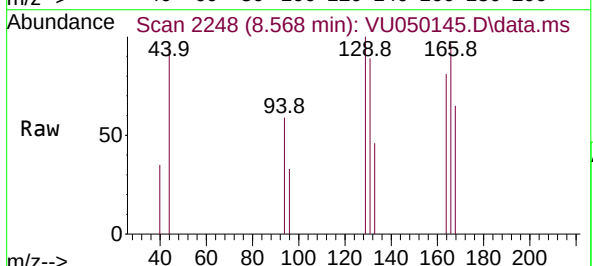
Acq: 08 Aug 2022 19:19

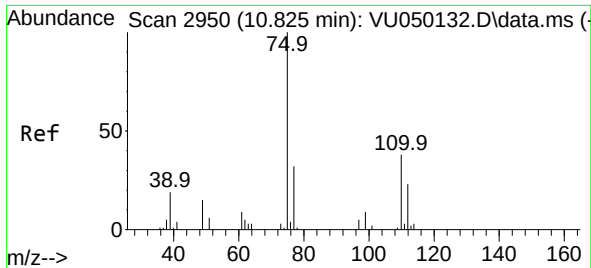
Tgt Ion: 129 Resp: 417

Ion Ratio Lower Upper

129 100

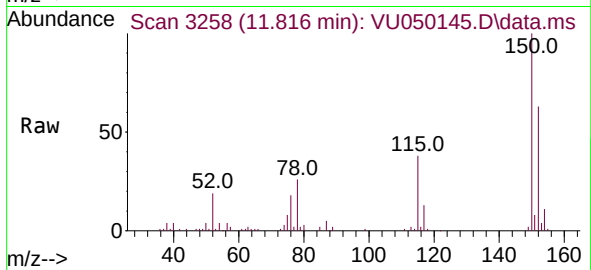
127 0.0 55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.903 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050145.D
 Acq: 08 Aug 2022 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3



Tgt Ion: 75 Resp: 3819
 Ion Ratio Lower Upper
 75 100
 110 0.5 28.5 42.7#
 77 28.2 25.8 38.6

