

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043875.D
 Acq On : 20 May 2021 19:16
 Operator : SY/MD
 Sample : M2475-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408

Quant Time: May 21 01:20:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

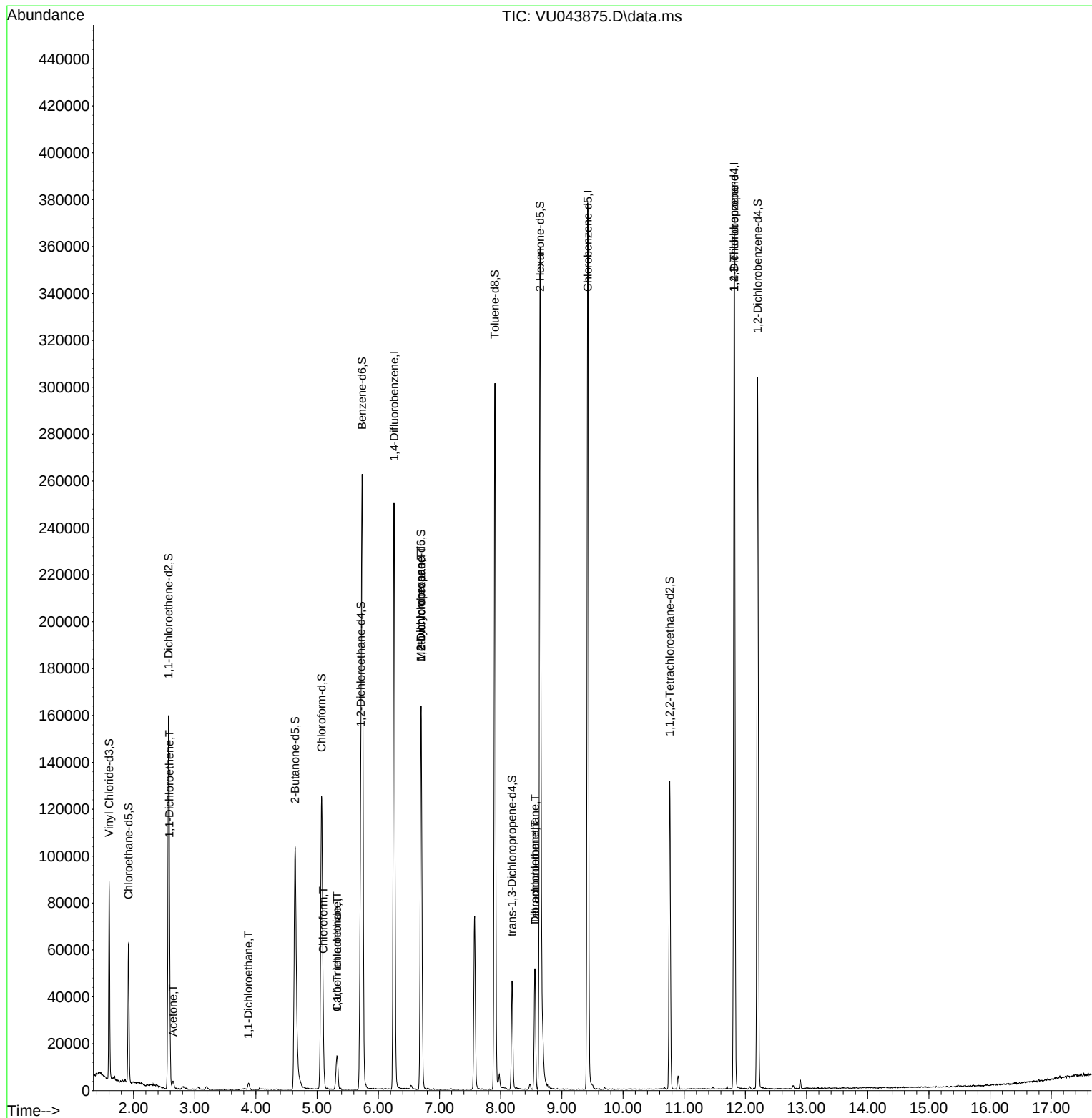
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	210499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	221925	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103724	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59282	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.916	69	42677	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.572	65	26267	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.639	46	158990	53.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.073	84	117415	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.713	65	63570	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	251882	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	81648	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.906	98	205164	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloroprop...	8.185	79	26825	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.645	63	126005	41.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	66349	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	86655	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	12524	0.90	ug/L #	11
13) Acetone	2.645	43	4378	2.34	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3317	0.13	ug/L	96
25) Chloroform	5.099	83	11671	0.45	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	10799	0.47	ug/L	96
31) Carbon tetrachloride	5.324	117	1458	0.08	ug/L	90
35) Methylcyclohexane	6.700	83	19236	0.75	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8385	0.50	ug/L #	88
47) Tetrachloroethene	8.562	164	12272	0.92	ug/L	91
49) Dibromochloromethane	8.562	129	11640	0.86	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11003	1.11	ug/L #	69

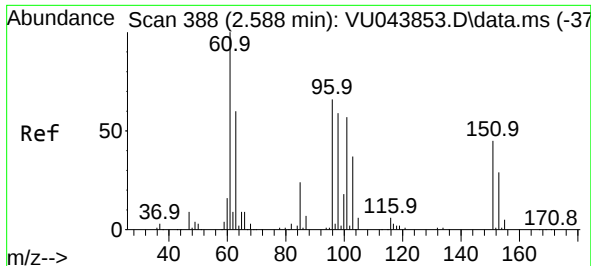
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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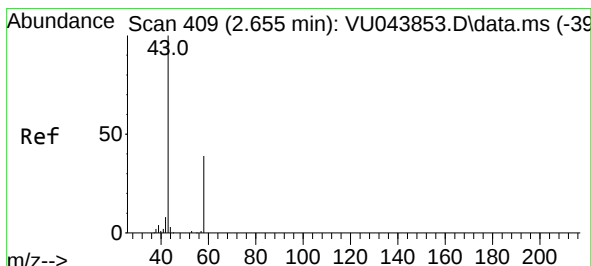
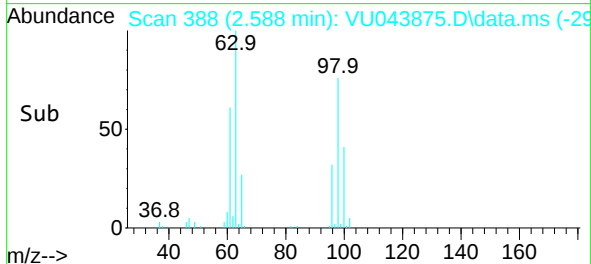
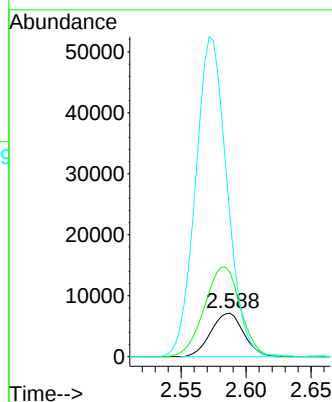
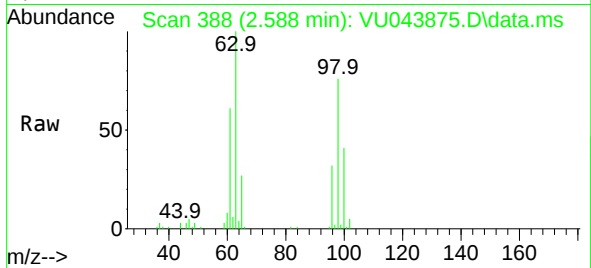




#12
1,1-Dichloroethene
Concen: 0.90 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

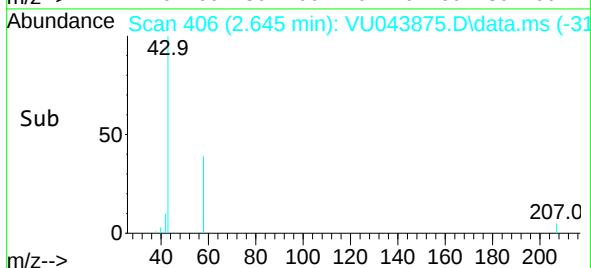
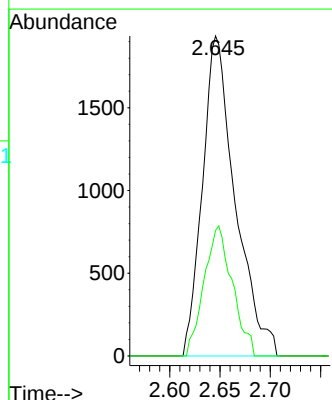
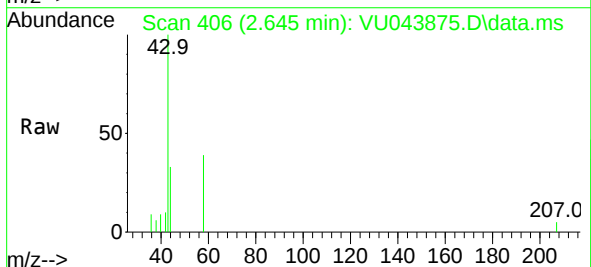
Instrument :
MSVOA_U
ClientSampled :
GB408

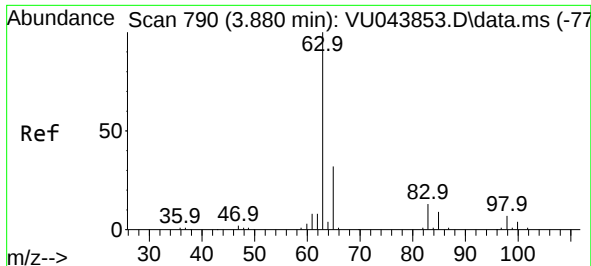
Tgt Ion: 96 Resp: 12524
Ion Ratio Lower Upper
96 100
61 192.8 117.5 218.1
63 317.3 77.3 143.7#



#13
Acetone
Concen: 2.34 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.010 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Tgt Ion: 43 Resp: 4378
Ion Ratio Lower Upper
43 100
58 35.0 0.0 71.6





#19

1,1-Dichloroethane

Concen: 0.13 ug/L

RT: 3.877 min Scan# 789

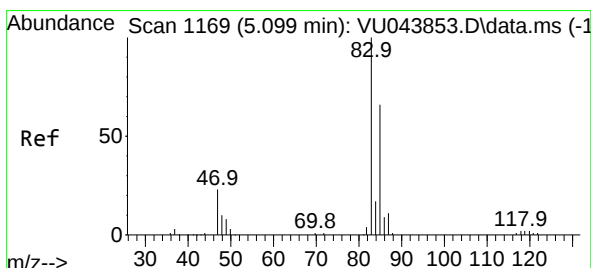
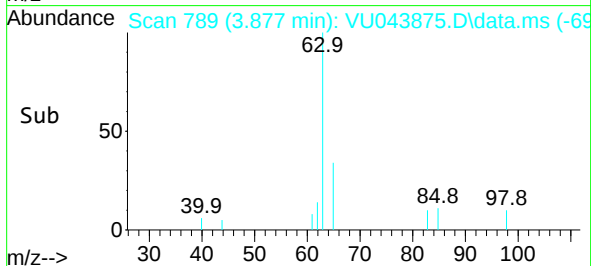
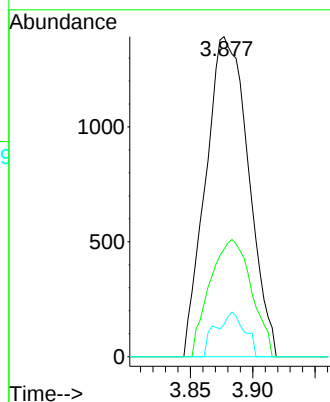
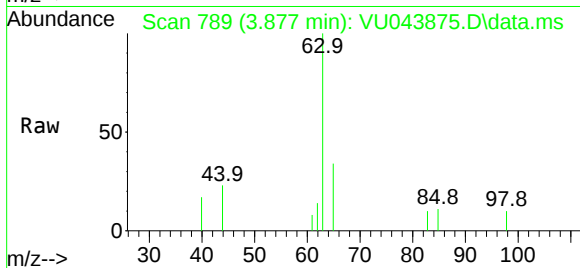
Delta R.T. -0.003 min

Lab File: VU043875.D

Acq: 20 May 2021 19:16

Tgt Ion: 63	Resp: 3317
Ion Ratio	Lower Upper
63 100	
65 33.6	22.3 41.3
83 10.1	9.0 16.8

Instrument :
MSVOA_U
ClientSampleId :
GB408



#25

Chloroform

Concen: 0.45 ug/L

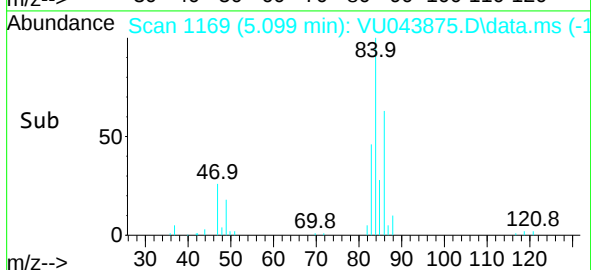
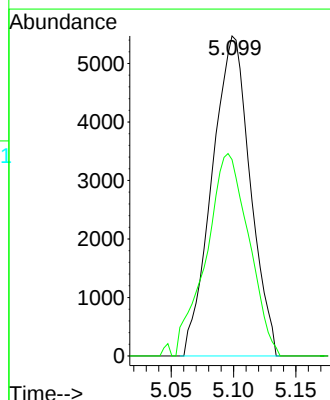
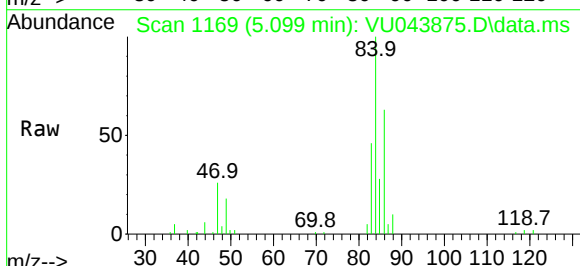
RT: 5.099 min Scan# 1169

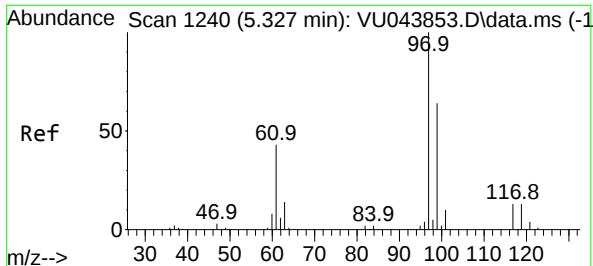
Delta R.T. -0.000 min

Lab File: VU043875.D

Acq: 20 May 2021 19:16

Tgt Ion: 83	Resp: 11671
Ion Ratio	Lower Upper
83 100	
85 61.4	45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 0.47 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043875.D

Acq: 20 May 2021 19:16

Tgt Ion: 97 Resp: 10799

Ion Ratio Lower Upper

97 100

99 68.1 51.1 76.7

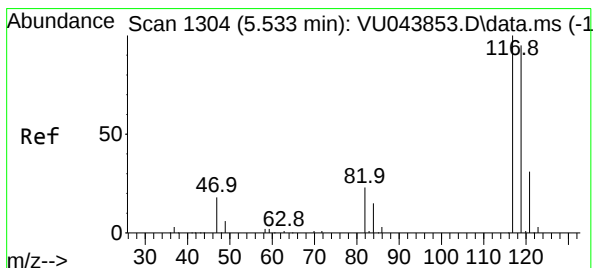
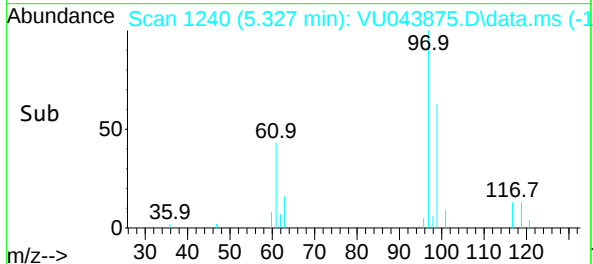
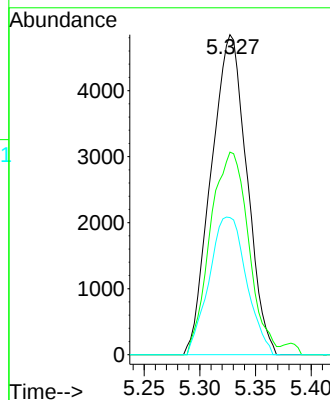
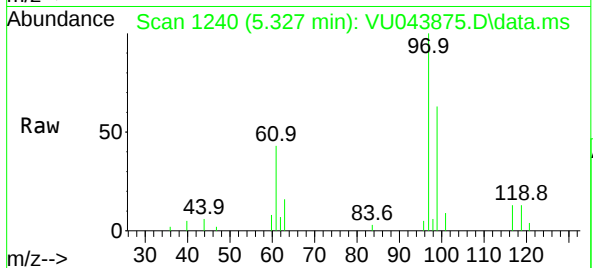
61 44.9 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB408



#31

Carbon tetrachloride

Concen: 0.08 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.209 min

Lab File: VU043875.D

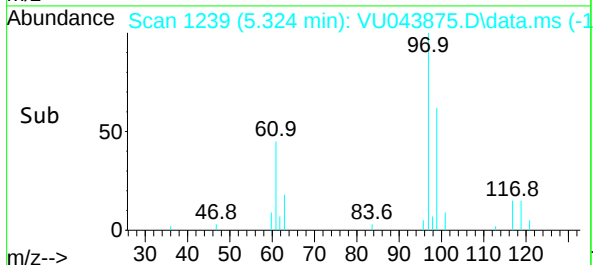
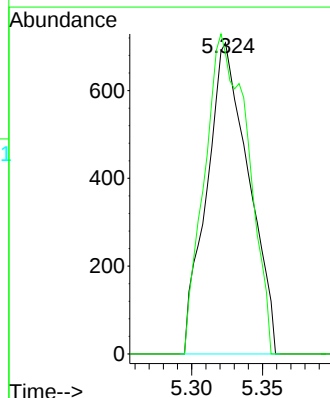
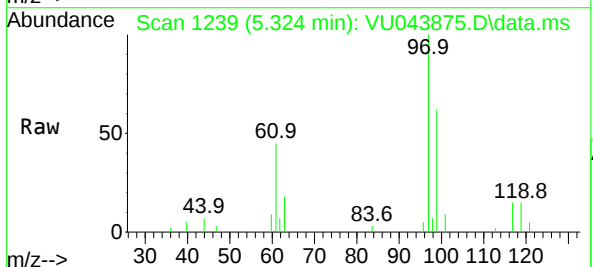
Acq: 20 May 2021 19:16

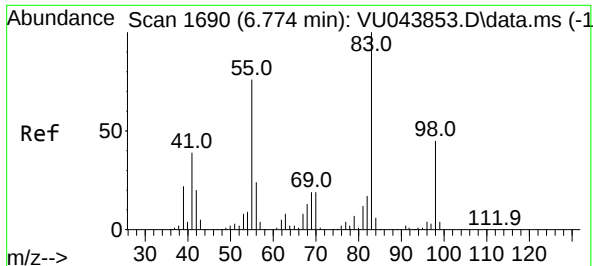
Tgt Ion: 117 Resp: 1458

Ion Ratio Lower Upper

117 100

119 106.6 77.4 116.0

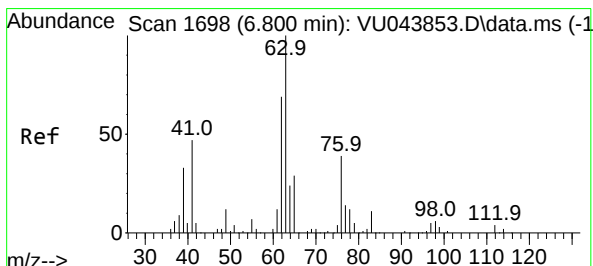
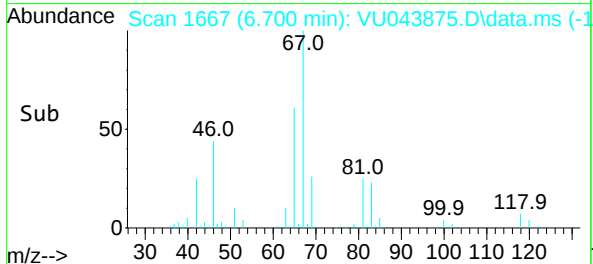
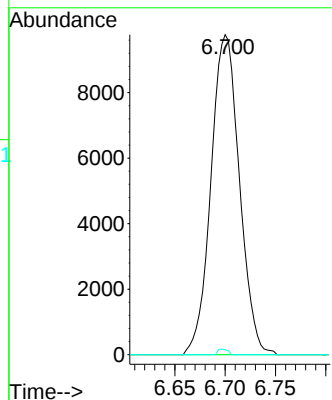
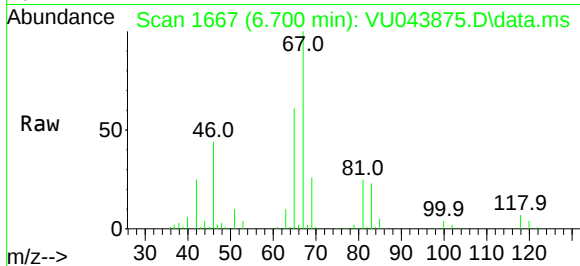




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

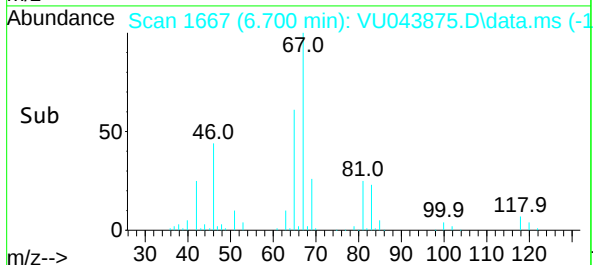
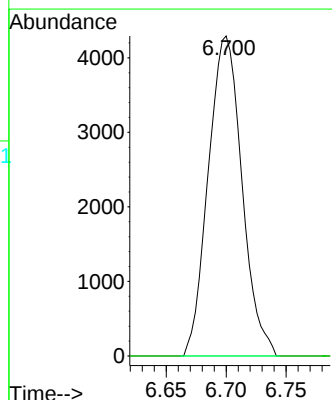
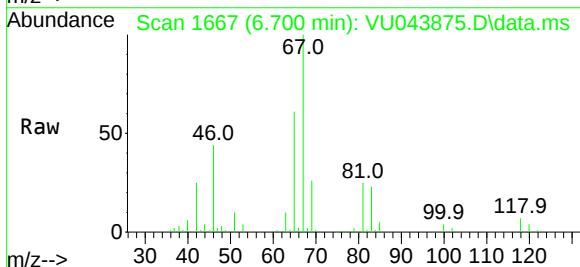
Instrument :
MSVOA_U
ClientSampleId :
GB408

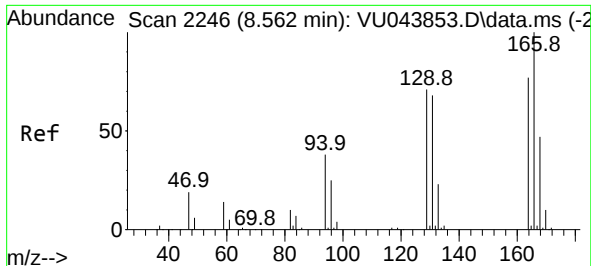
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.6	35.9	53.9#



#37
1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



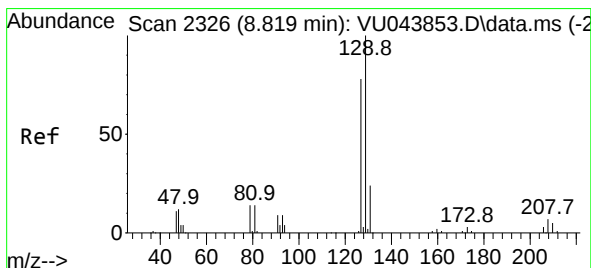
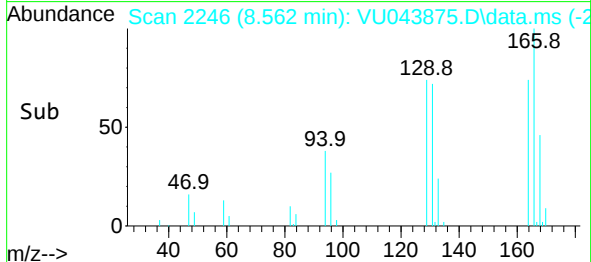
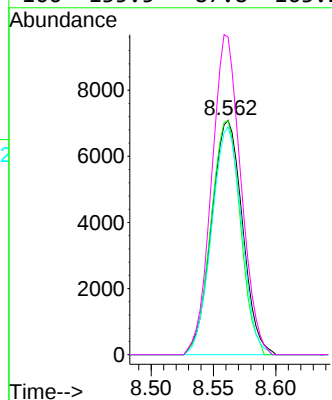
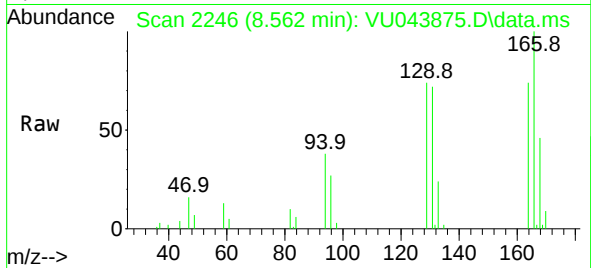


#47
Tetrachloroethene
Concen: 0.92 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Instrument :
MSVOA_U
ClientSampled :
GB408

Tgt Ion:164 Resp: 12272

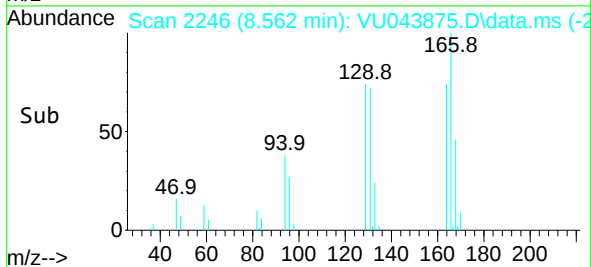
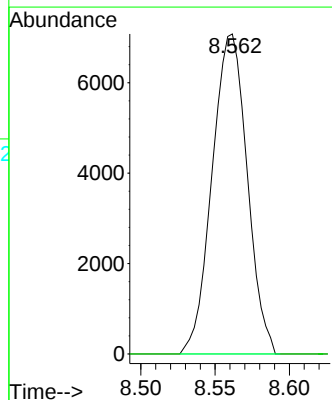
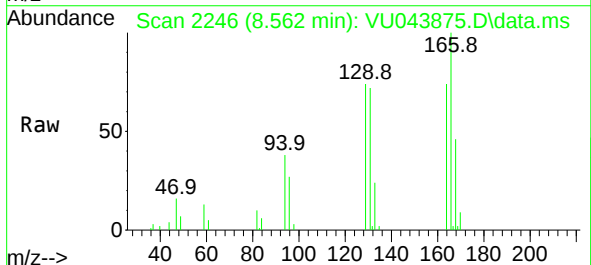
Ion	Ratio	Lower	Upper
164	100		
129	99.9	64.1	119.1
131	97.3	61.2	113.8
166	135.5	87.8	163.2

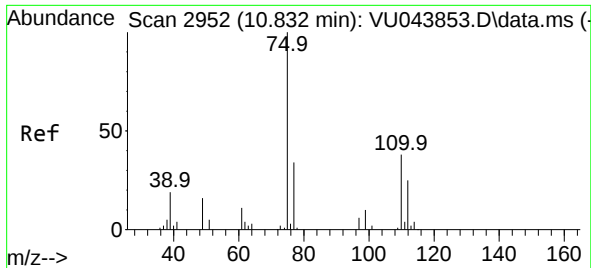


#49
Dibromochloromethane
Concen: 0.86 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043875.D
Acq: 20 May 2021 19:16

Tgt Ion:129 Resp: 11640

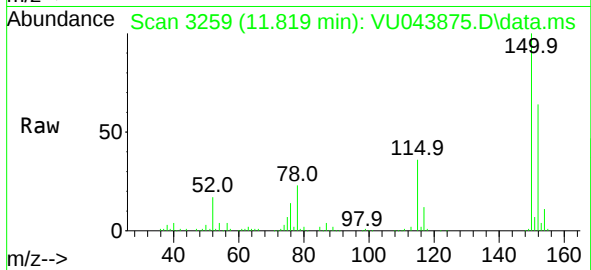
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.4	99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043875.D
 Acq: 20 May 2021 19:16

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408



Tgt Ion: 75 Resp: 11003
 Ion Ratio Lower Upper
 75 100
 110 2.4 27.9 41.9#
 77 30.1 25.9 38.9

