

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043874.D
 Acq On : 20 May 2021 18:52
 Operator : SY/MD
 Sample : M2475-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB407

Quant Time: May 21 01:20:35 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)

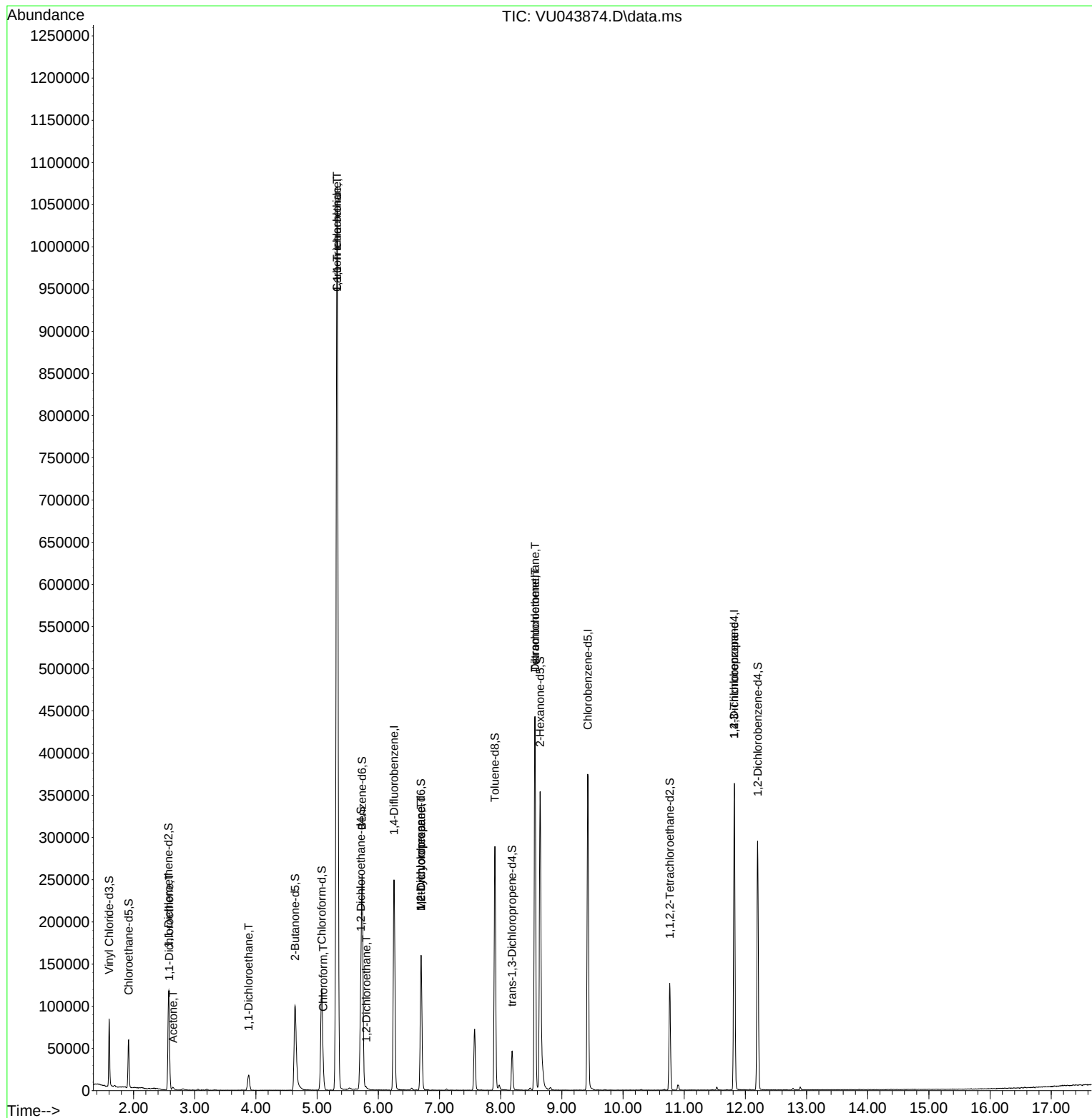
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	206438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	220700	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102722	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	56130	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.919	69	41527	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.571	65	20183	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.639	46	157401	54.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.76%
24) Chloroform-d	5.076	84	112809	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.713	65	61384	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.735	84	246043	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	78978	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.906	98	197401	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.185	79	26639	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.645	63	124522	41.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.38%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	63827	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	83883	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	7003	0.51	ug/L #	1
13) Acetone	2.645	43	4562	2.48	ug/L	96
19) 1,1-Dichloroethane	3.880	63	21214	0.82	ug/L	98
25) Chloroform	5.099	83	13214	0.52	ug/L	97
27) 1,2-Dichloroethane	5.803	62	1583	0.10	ug/L #	73
29) 1,1,1-Trichloroethane	5.327	97	764787	33.23	ug/L	98
31) Carbon tetrachloride	5.327	117	107711	5.60	ug/L	99
35) Methylcyclohexane	6.700	83	18453	0.72	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	7901	0.47	ug/L #	88
47) Tetrachloroethene	8.562	164	105532	7.97	ug/L	96
49) Dibromochloromethane	8.562	129	97738	7.30	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	11219	1.14	ug/L #	67

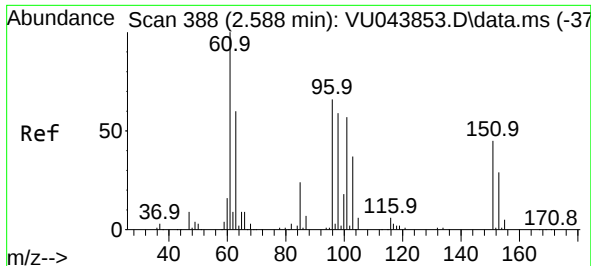
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.51 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043874.D

Acq: 20 May 2021 18:52

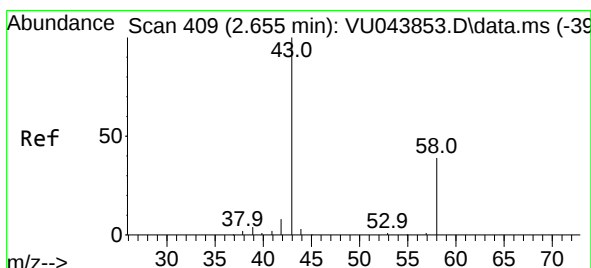
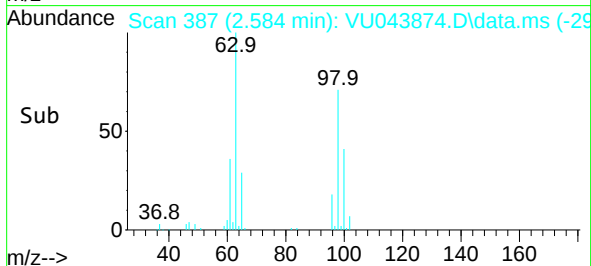
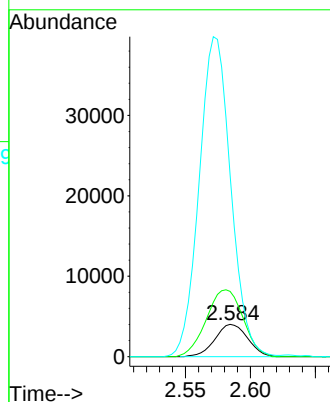
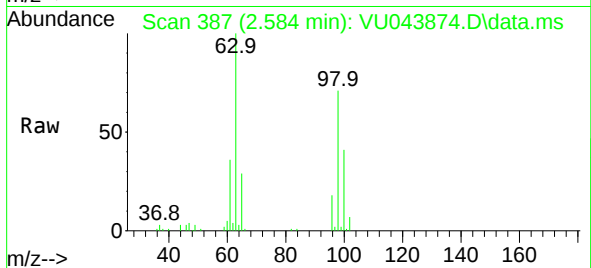
Tgt Ion: 96 Resp: 7003

Ion Ratio Lower Upper

96 100

61 202.1 117.5 218.1

63 562.5 77.3 143.7#



#13

Acetone

Concen: 2.48 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.010 min

Lab File: VU043874.D

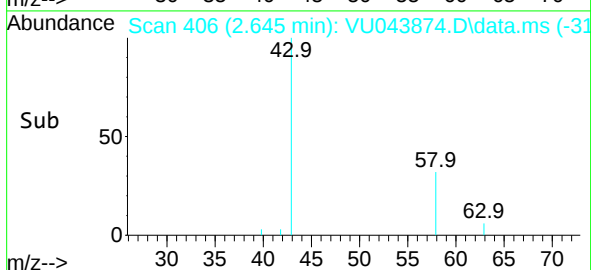
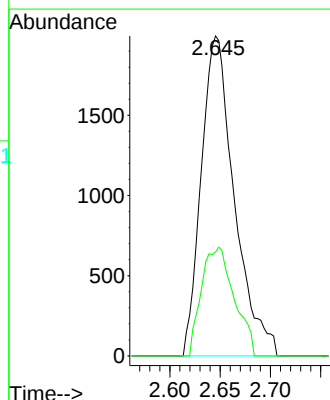
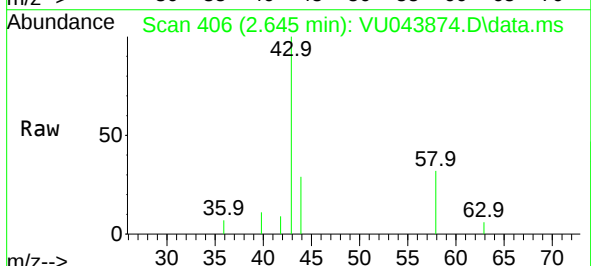
Acq: 20 May 2021 18:52

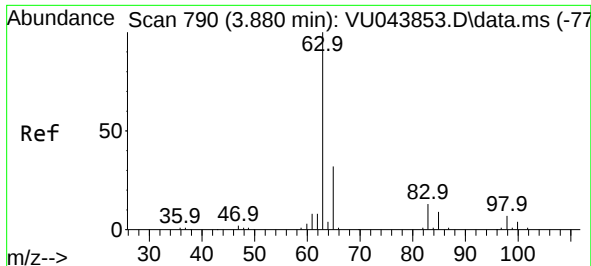
Tgt Ion: 43 Resp: 4562

Ion Ratio Lower Upper

43 100

58 33.6 0.0 71.6





#19

1,1-Dichloroethane

Concen: 0.82 ug/L

RT: 3.880 min Scan# 790

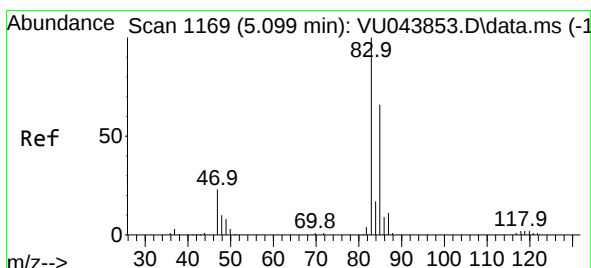
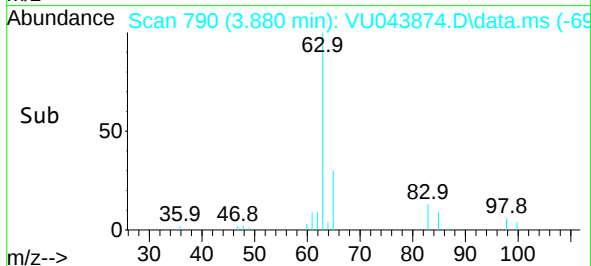
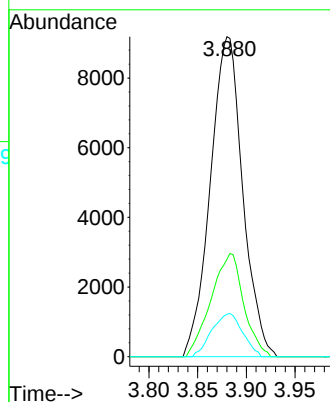
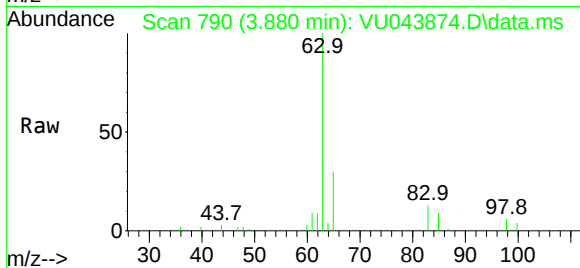
Delta R.T. -0.000 min

Lab File: VU043874.D

Acq: 20 May 2021 18:52

Tgt Ion:	63	Resp:	21214
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.3	41.3
83	13.3	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :
GB407



#25

Chloroform

Concen: 0.52 ug/L

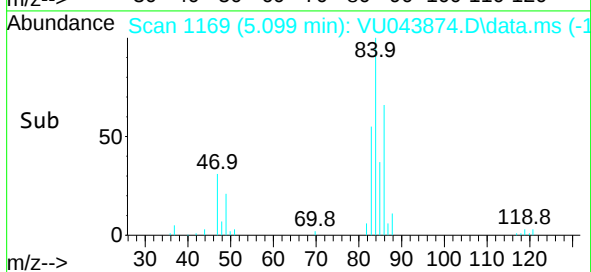
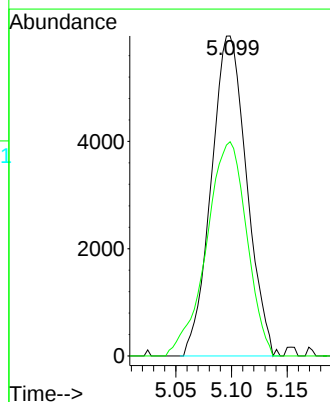
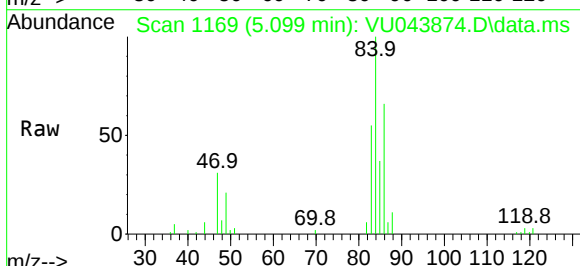
RT: 5.099 min Scan# 1169

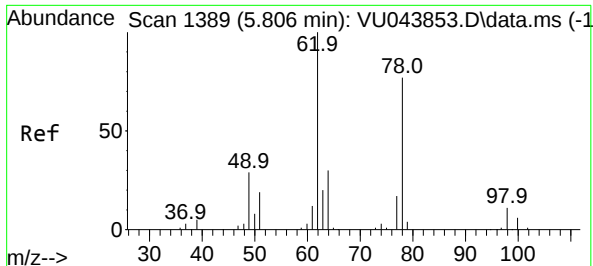
Delta R.T. -0.000 min

Lab File: VU043874.D

Acq: 20 May 2021 18:52

Tgt Ion:	83	Resp:	13214
Ion	Ratio	Lower	Upper
83	100		
85	67.0	45.0	83.6



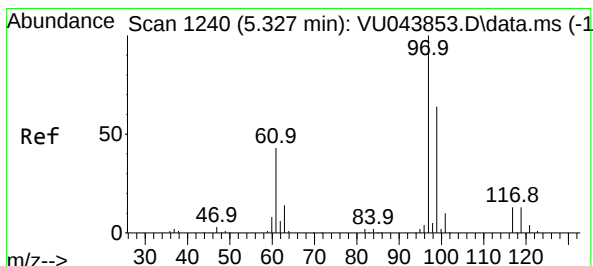
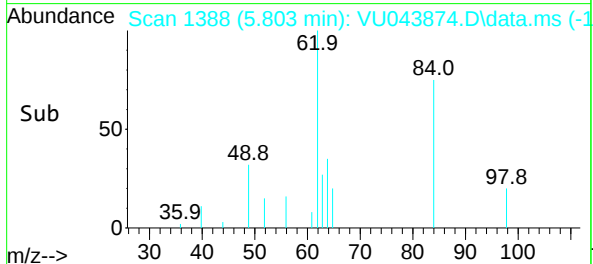
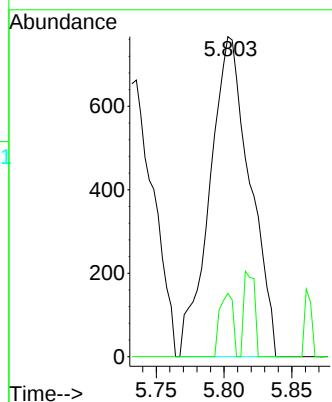
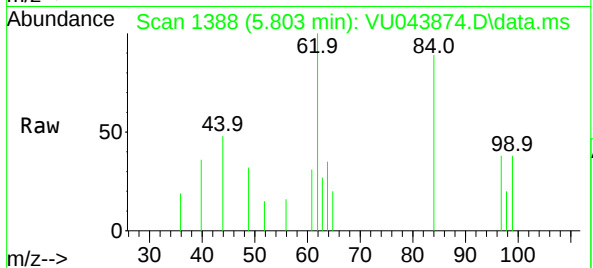


#27

1,2-Dichloroethane
Concen: 0.10 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

Instrument :
MSVOA_U
ClientSampled :
GB407

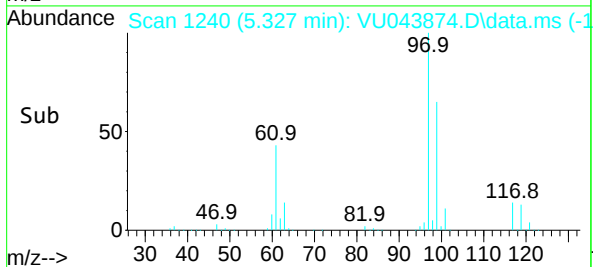
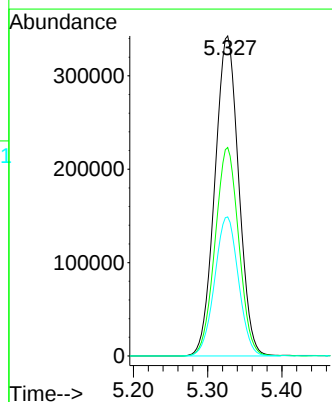
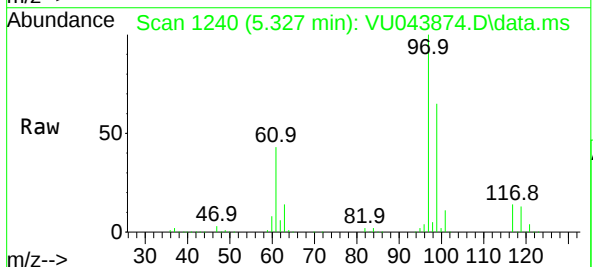
Tgt Ion: 62 Resp: 1583
Ion Ratio Lower Upper
62 100
98 19.7 7.7 11.5#

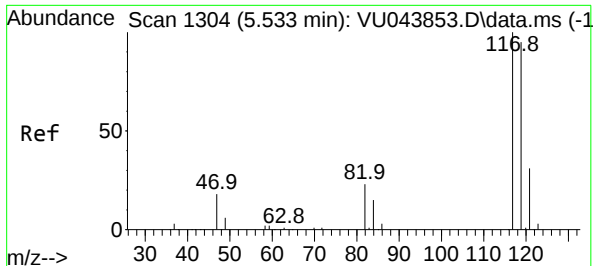


#29

1,1,1-Trichloroethane
Concen: 33.23 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

Tgt Ion: 97 Resp: 764787
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.6 37.0 55.4

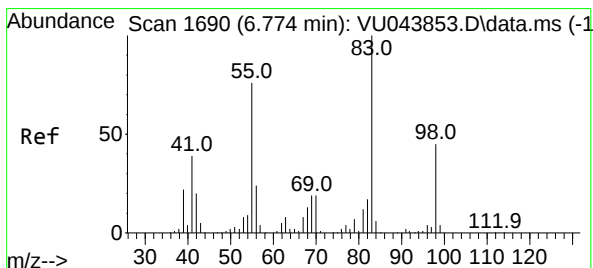
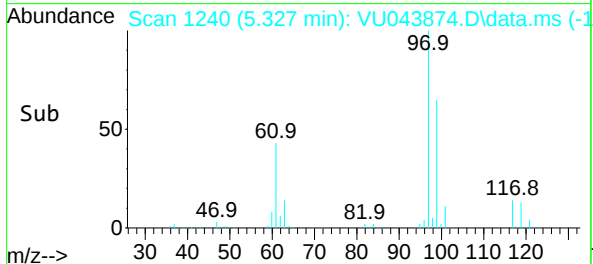
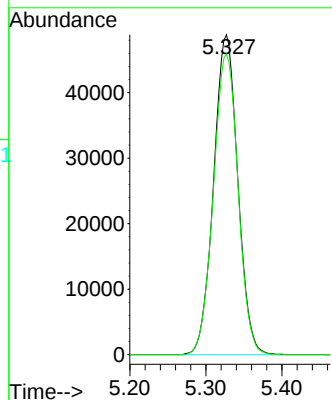
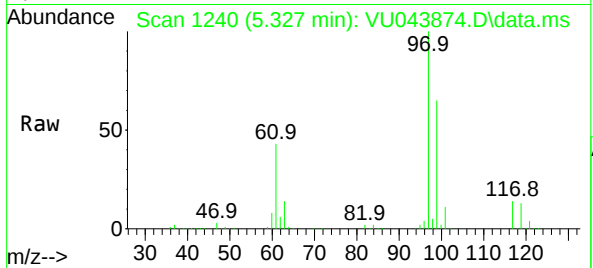




#31
Carbon tetrachloride
Concen: 5.60 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

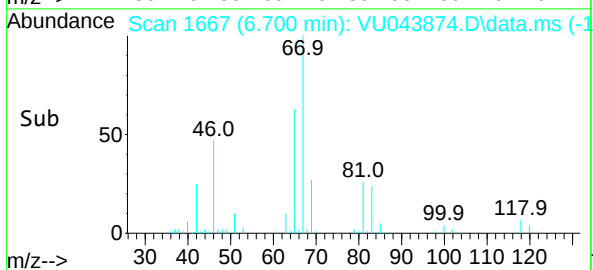
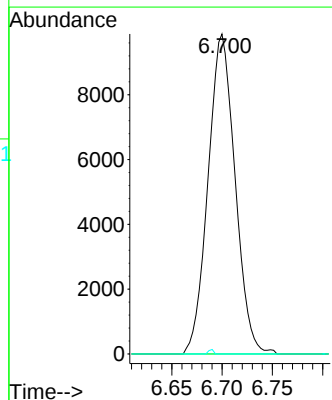
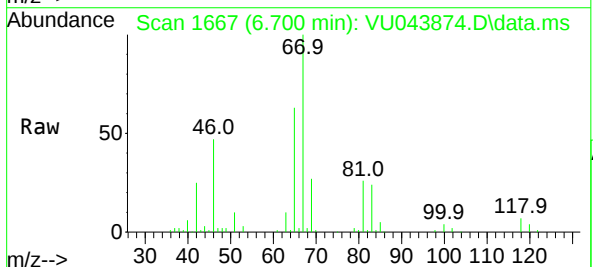
Instrument :
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GB407

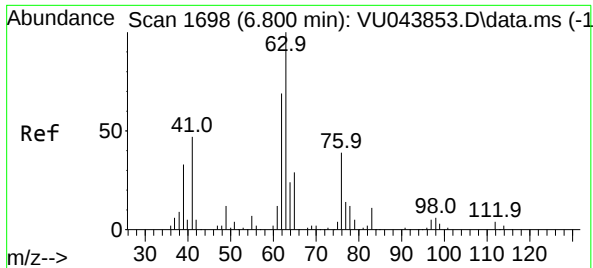
Tgt Ion:117 Resp: 107711
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

Tgt Ion: 83 Resp: 18453
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.3 35.9 53.9#

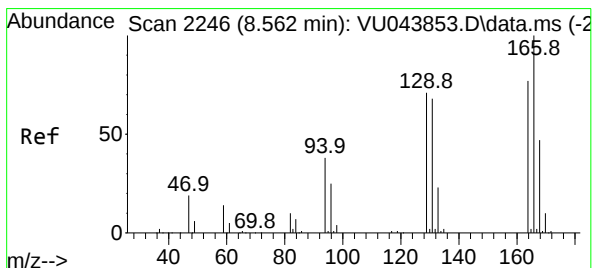
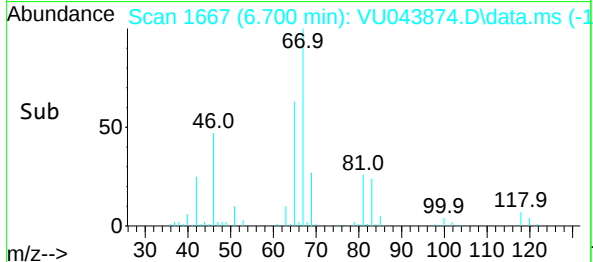
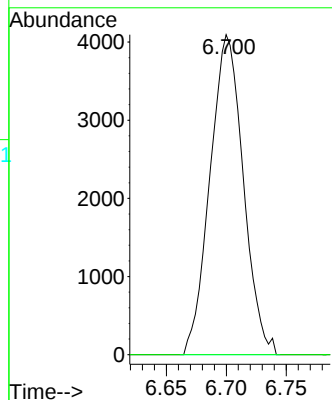
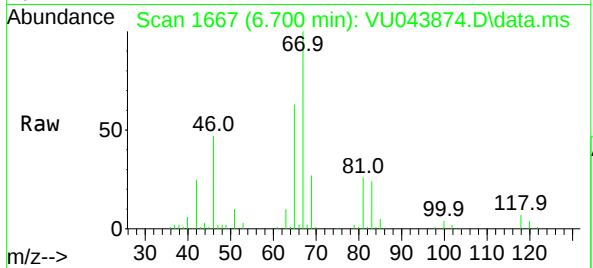




#37
1,2-Dichloropropane
Concen: 0.47 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

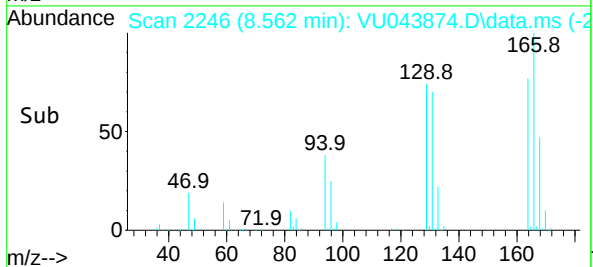
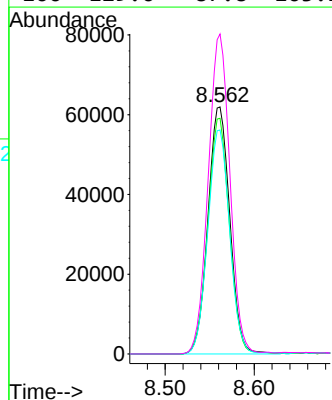
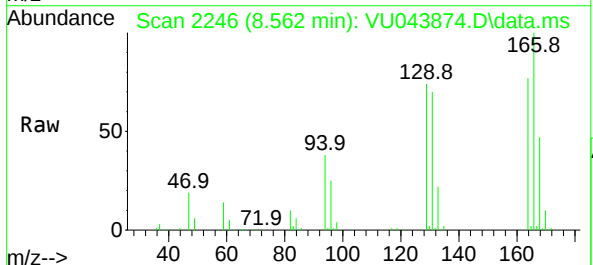
Instrument :
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ClientSampled :
GB407

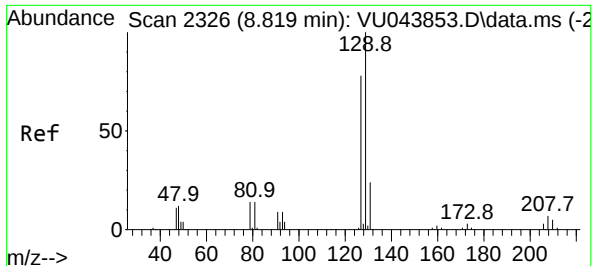
Tgt Ion: 63 Resp: 7901
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.97 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043874.D
Acq: 20 May 2021 18:52

Tgt Ion: 164 Resp: 105532
Ion Ratio Lower Upper
164 100
129 95.4 64.1 119.1
131 90.7 61.2 113.8
166 129.6 87.8 163.2





#49

Dibromochloromethane

Concen: 7.30 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.257 min

Lab File: VU043874.D

Acq: 20 May 2021 18:52

Instrument :

MSVOA_U

ClientSampleId :

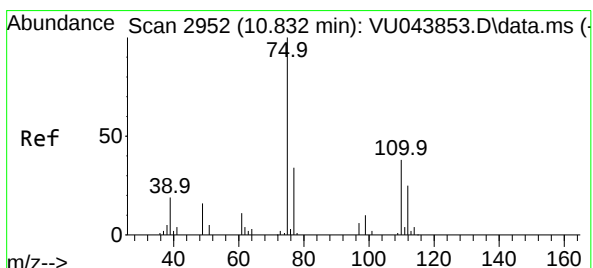
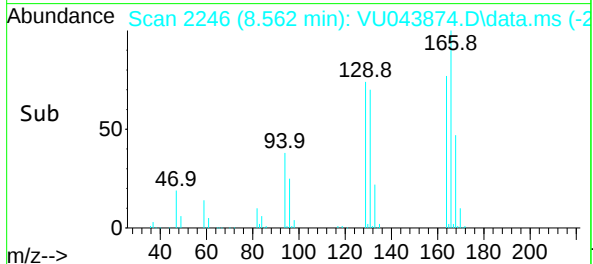
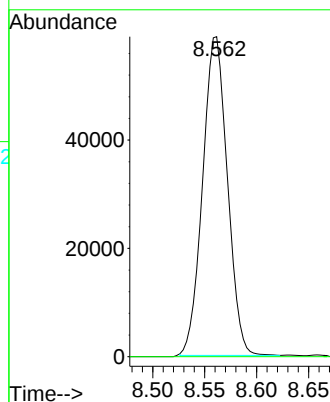
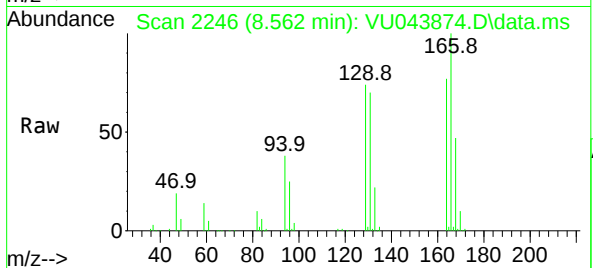
GB407

Tgt Ion:129 Resp: 97738

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.14 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043874.D

Acq: 20 May 2021 18:52

Tgt Ion: 75 Resp: 11219

Ion Ratio Lower Upper

75 100

110 1.4 27.9 41.9#

77 28.7 25.9 38.9

