

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043870.D
 Acq On : 20 May 2021 17:15
 Operator : SY/MD
 Sample : M2475-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB403

Quant Time: May 21 01:19:50 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)

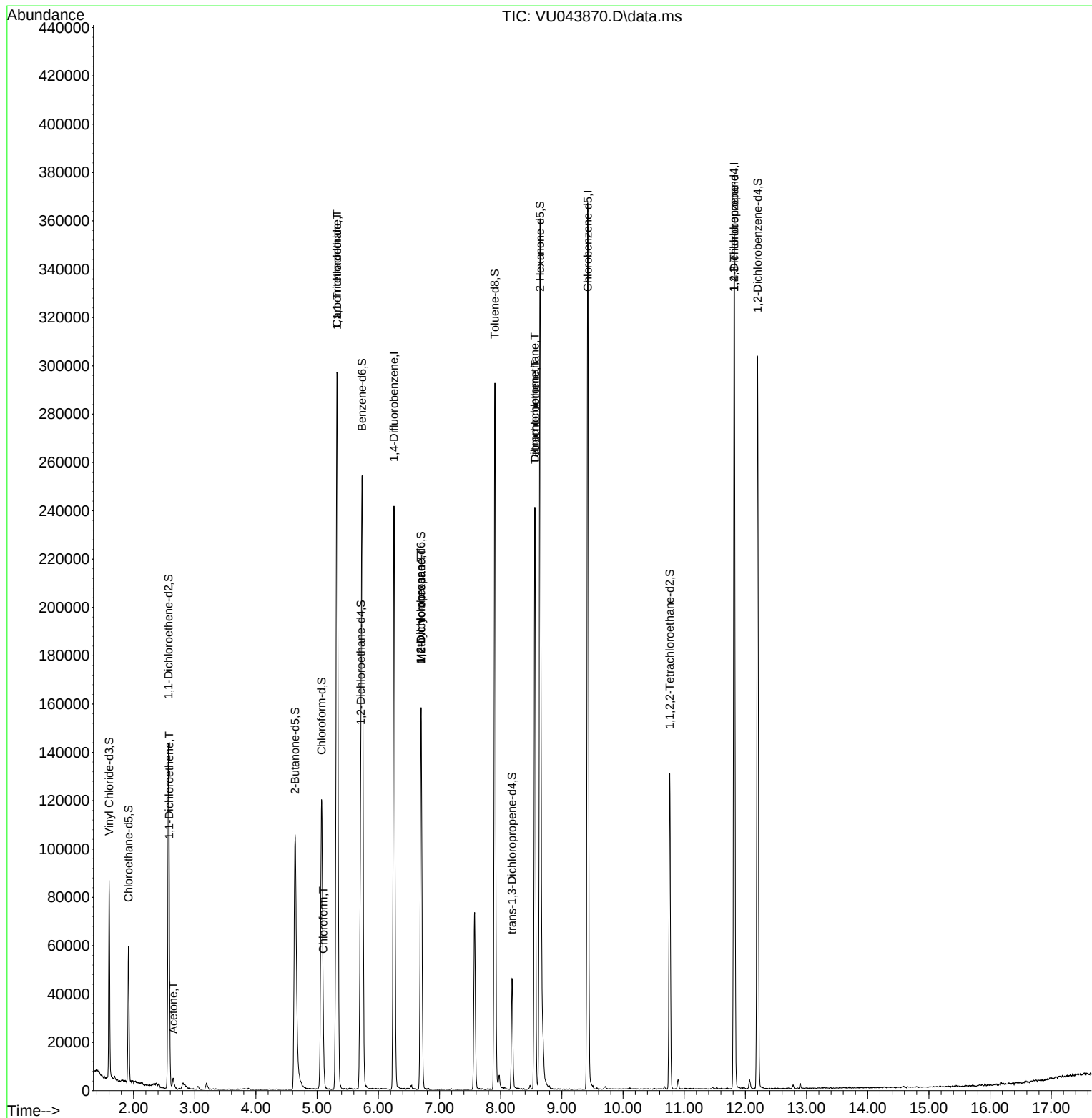
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	201468	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	214767	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100052	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57763	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.916	69	41737	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.571	65	25762	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.639	46	163332	57.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.66%
24) Chloroform-d	5.073	84	111685	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.713	65	61184	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.735	84	244401	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.700	67	79123	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.906	98	201588	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloroprop...	8.185	79	26579	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.645	63	129598	44.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.18%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	65054	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	86029	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	4050	0.30	ug/L #	1
13) Acetone	2.649	43	5604	3.13	ug/L	100
25) Chloroform	5.099	83	12323	0.49	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	215369	9.62	ug/L	98
31) Carbon tetrachloride	5.324	117	30839	1.65	ug/L	96
35) Methylcyclohexane	6.700	83	18272	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	7557	0.46	ug/L #	88
47) Tetrachloroethene	8.562	164	58234	4.52	ug/L	99
49) Dibromochloromethane	8.558	129	52196	4.01	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10993	1.15	ug/L #	68

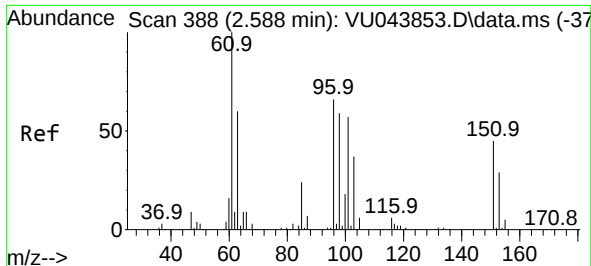
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.30 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU043870.D

Acq: 20 May 2021 17:15

Tgt Ion: 96 Resp: 4050

Ion Ratio Lower Upper

96 100

61 269.0 117.5 218.1#

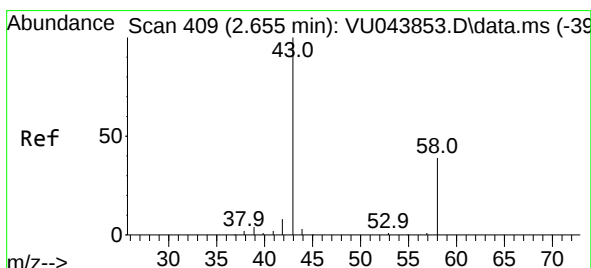
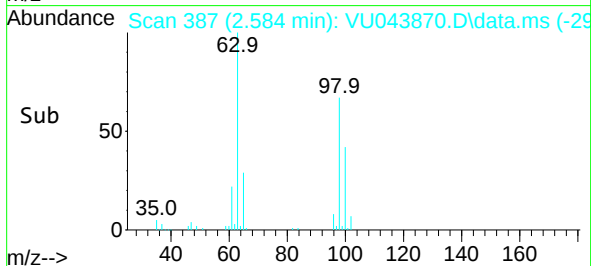
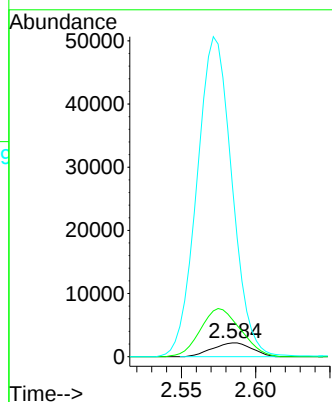
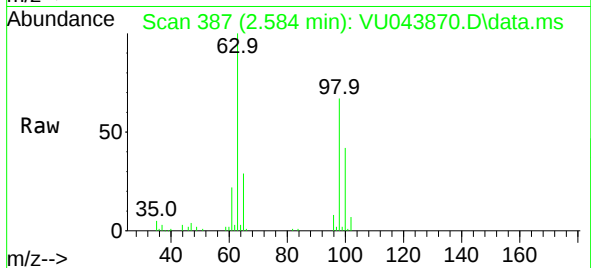
63 1245.0 77.3 143.7#

Instrument :

MSVOA_U

ClientSampleId :

GB403



#13

Acetone

Concen: 3.13 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.006 min

Lab File: VU043870.D

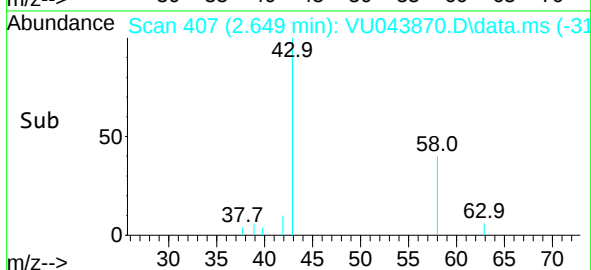
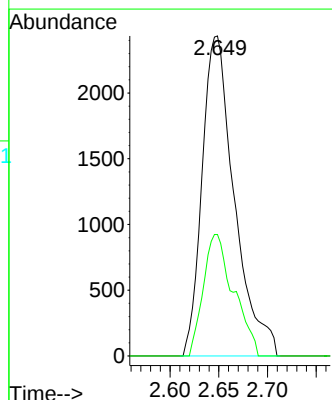
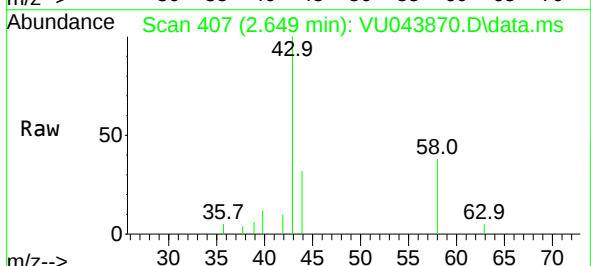
Acq: 20 May 2021 17:15

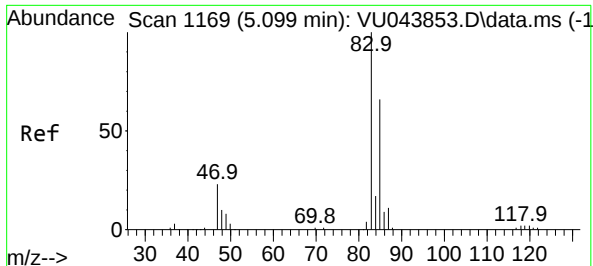
Tgt Ion: 43 Resp: 5604

Ion Ratio Lower Upper

43 100

58 35.6 0.0 71.6



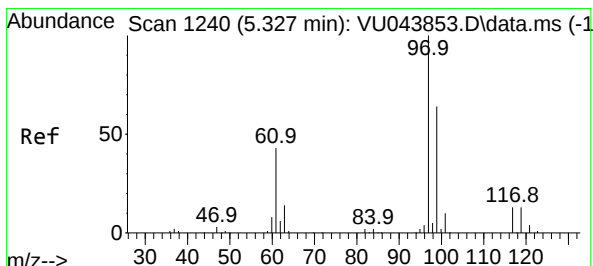
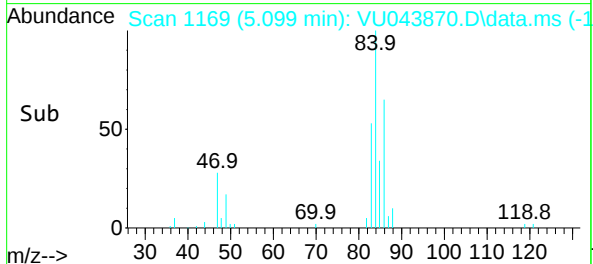
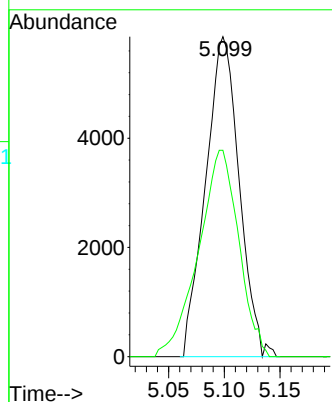
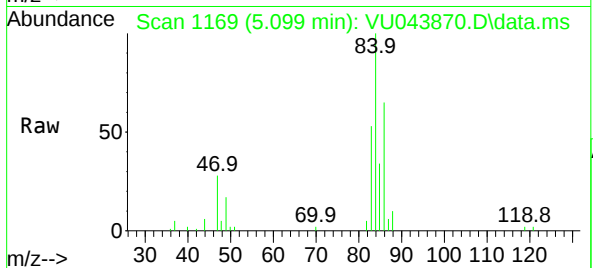


#25

Chloroform
Concen: 0.49 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

Instrument :
MSVOA_U
ClientSampled :
GB403

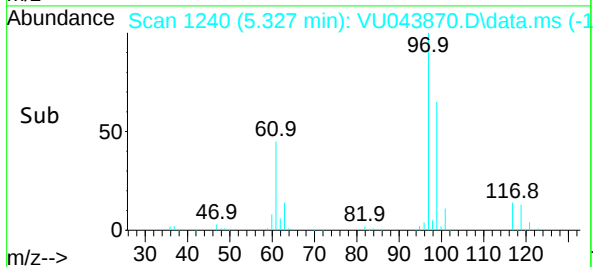
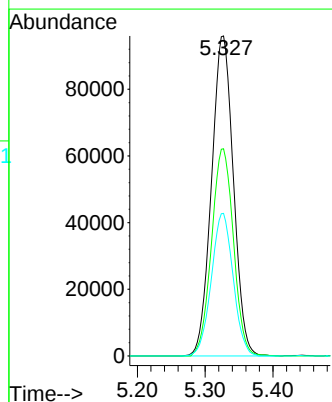
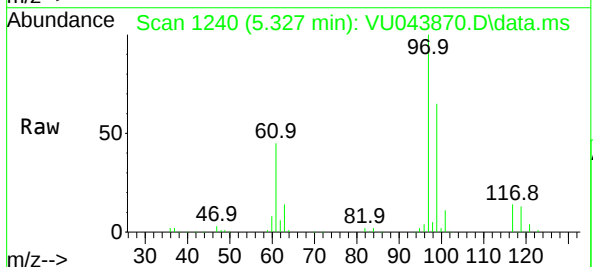
Tgt Ion: 83 Resp: 12323
Ion Ratio Lower Upper
83 100
85 64.5 45.0 83.6

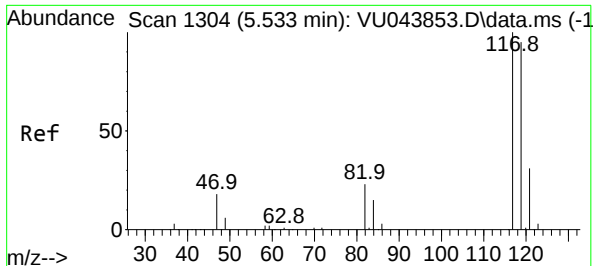


#29

1,1,1-Trichloroethane
Concen: 9.62 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

Tgt Ion: 97 Resp: 215369
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 44.3 37.0 55.4

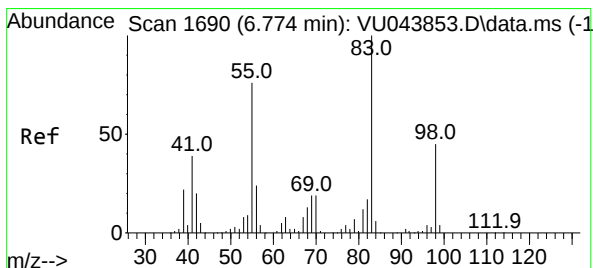
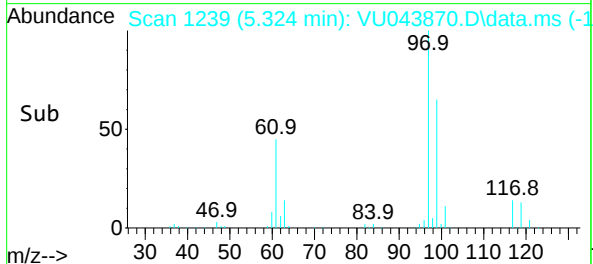
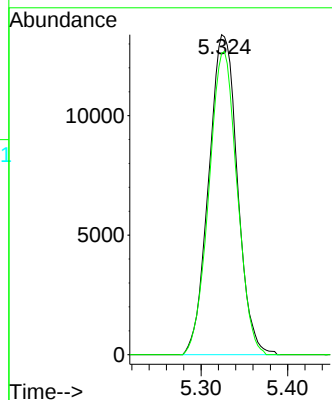
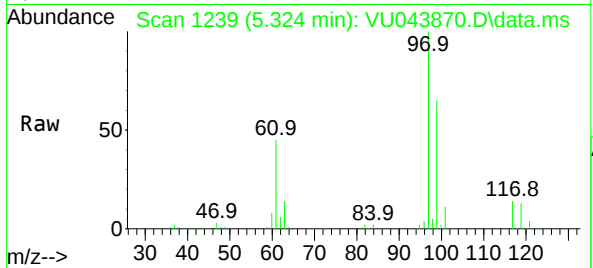




#31
Carbon tetrachloride
Concen: 1.65 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.209 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

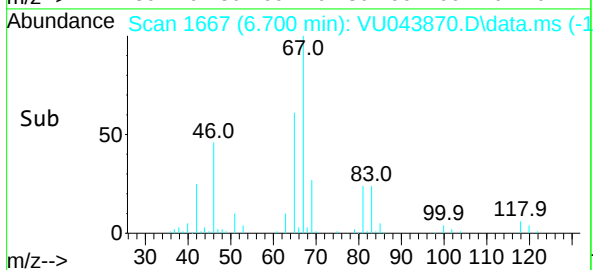
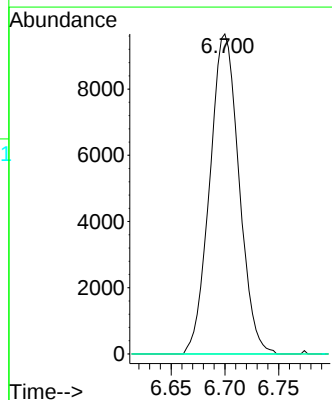
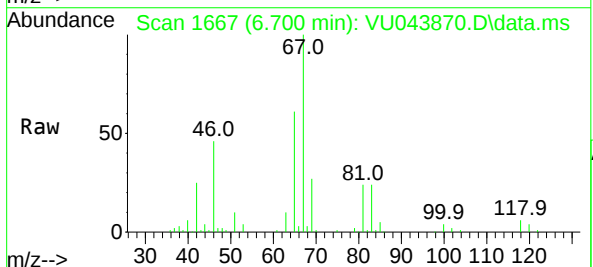
Instrument :
MSVOA_U
ClientSampleId :
GB403

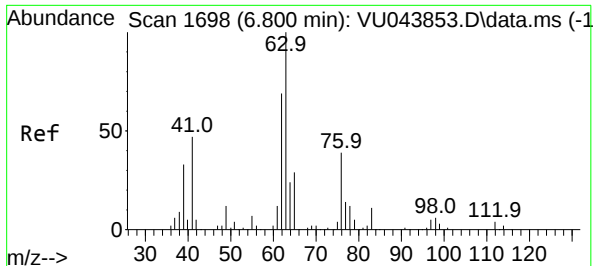
Tgt Ion:117 Resp: 30839
Ion Ratio Lower Upper
117 100
119 92.8 77.4 116.0



#35
Methylcyclohexane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

Tgt Ion: 83 Resp: 18272
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.0 35.9 53.9#



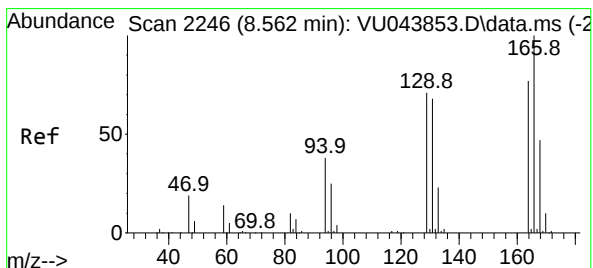
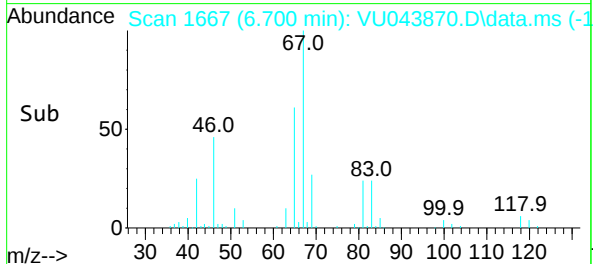
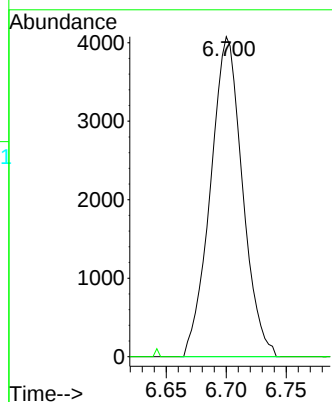
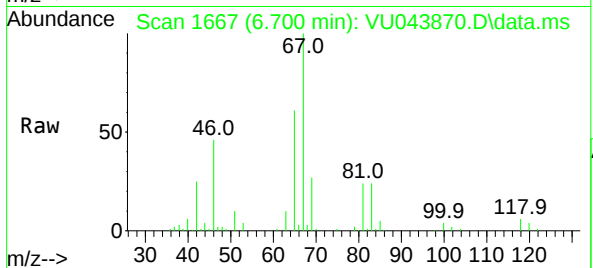


#37

1,2-Dichloropropane
Concen: 0.46 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

Instrument :
MSVOA_U
ClientSampled :
GB403

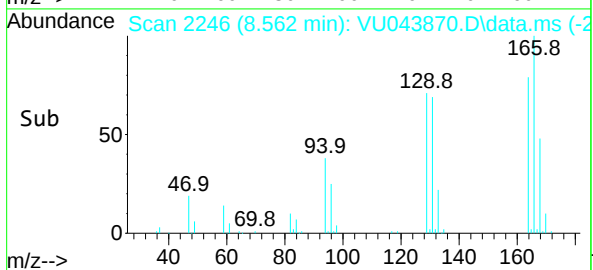
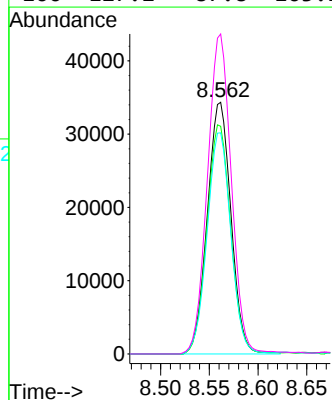
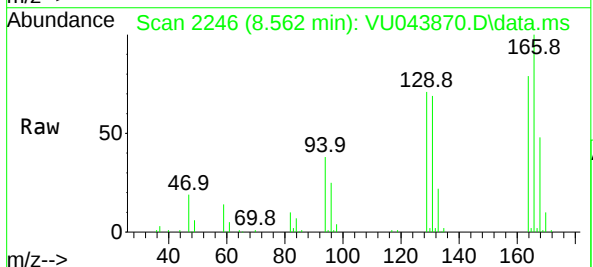
Tgt Ion: 63 Resp: 7557
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#

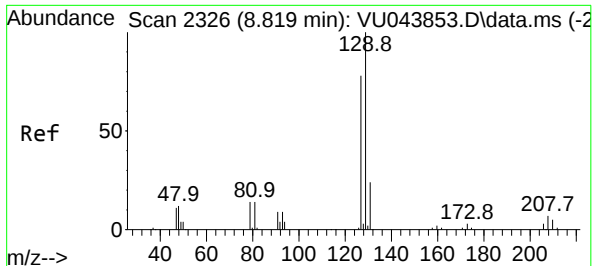


#47

Tetrachloroethene
Concen: 4.52 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043870.D
Acq: 20 May 2021 17:15

Tgt Ion:164 Resp: 58234
Ion Ratio Lower Upper
164 100
129 90.5 64.1 119.1
131 87.9 61.2 113.8
166 127.2 87.8 163.2





#49

Dibromochloromethane

Concen: 4.01 ug/L

RT: 8.558 min Scan# 2245

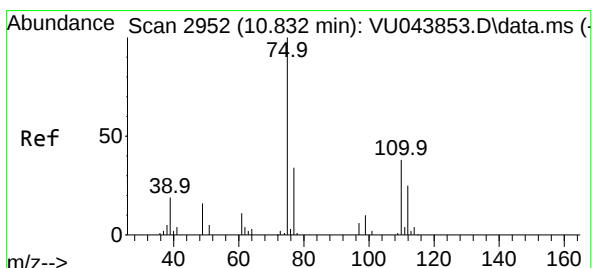
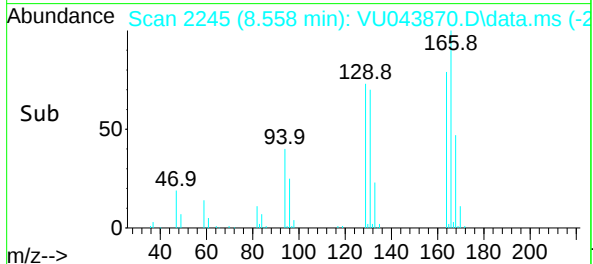
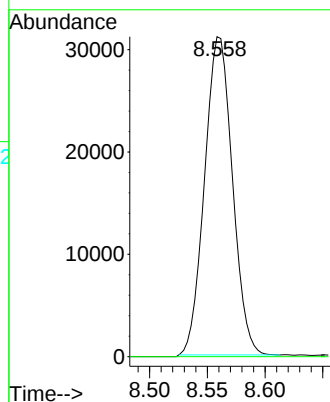
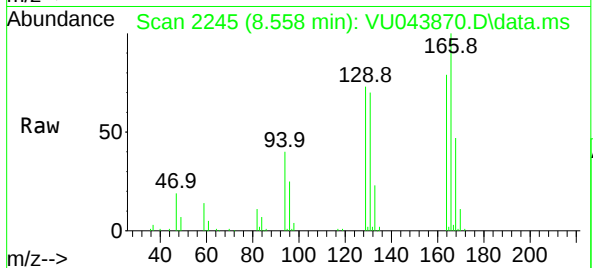
Delta R.T. -0.261 min

Lab File: VU043870.D

Acq: 20 May 2021 17:15

Instrument :
MSVOA_U
ClientSampled :
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Tgt Ion:129 Resp: 52196
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.15 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043870.D

Acq: 20 May 2021 17:15

Tgt Ion: 75 Resp: 10993
Ion Ratio Lower Upper
75 100
110 1.5 27.9 41.9#
77 30.2 25.9 38.9

