

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043859.D
 Acq On : 20 May 2021 12:49
 Operator : SY/MD
 Sample : M2464-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6DL

Quant Time: May 21 01:17:56 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)

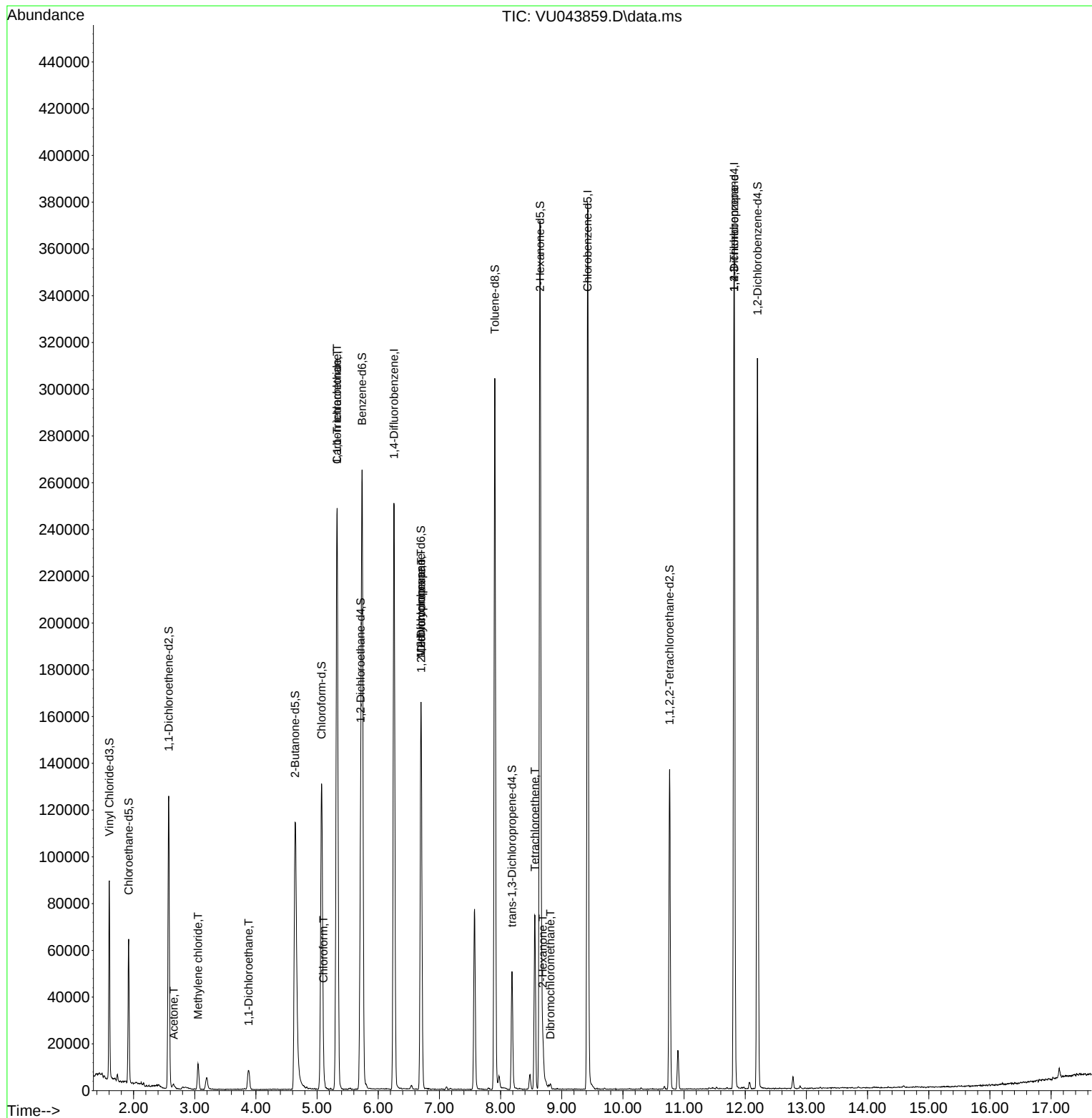
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	208636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223264	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103543	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60508	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.919	69	44261	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.575	65	23410	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.642	46	176123	60.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.42%
24) Chloroform-d	5.073	84	123404	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.713	65	64751	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.735	84	255826	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.700	67	83216	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.906	98	208248	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloroprop...	8.185	79	29174	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.645	63	135410	44.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68525	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	87115	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						Qvalue
13) Acetone	2.655	43	3309	1.78	ug/L	97
16) Methylene chloride	3.054	84	5467	0.27	ug/L	92
19) 1,1-Dichloroethane	3.880	63	10685	0.41	ug/L	97
25) Chloroform	5.102	83	6703	0.26	ug/L	93
29) 1,1,1-Trichloroethane	5.327	97	179815	7.72	ug/L	98
31) Carbon tetrachloride	5.327	117	24781	1.27	ug/L	99
35) Methylcyclohexane	6.700	83	19060	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.703	63	8010	0.47	ug/L #	88
47) Tetrachloroethene	8.562	164	18464	1.38	ug/L	94
48) 2-Hexanone	8.690	43	6763	0.85	ug/L #	77
49) Dibromochloromethane	8.816	129	1234	0.09	ug/L	89
61) 1,2,3-Trichloropropane	11.819	75	11211	1.13	ug/L #	69

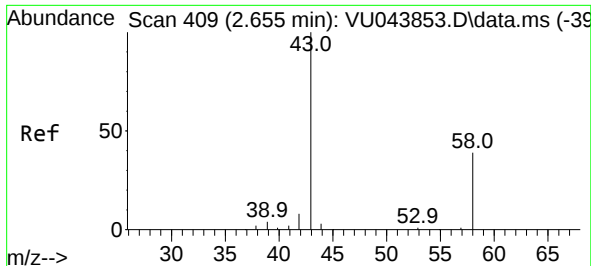
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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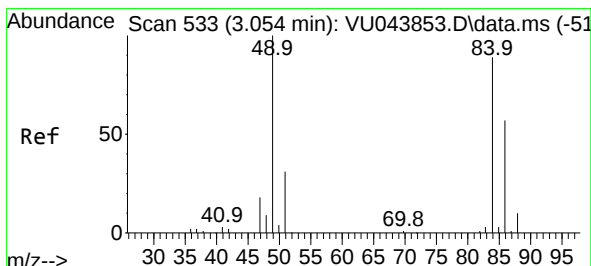
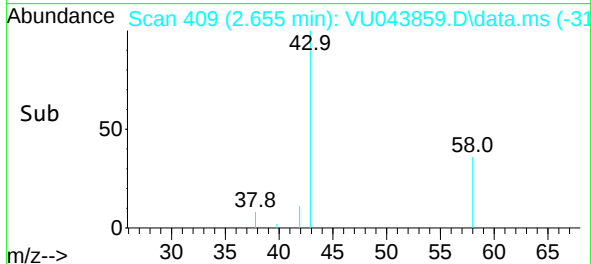
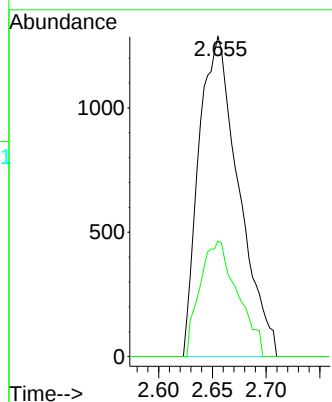
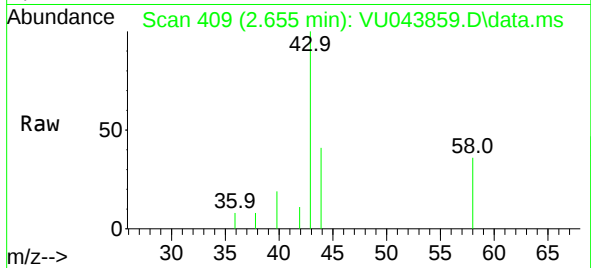




#13
Acetone
Concen: 1.78 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

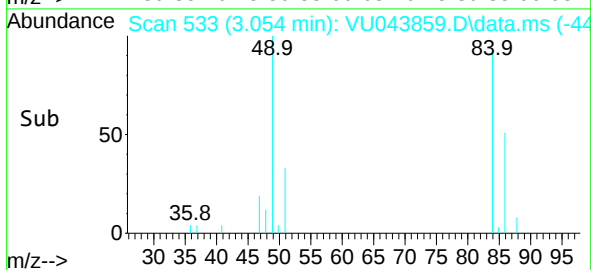
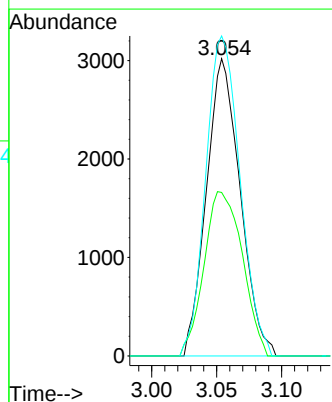
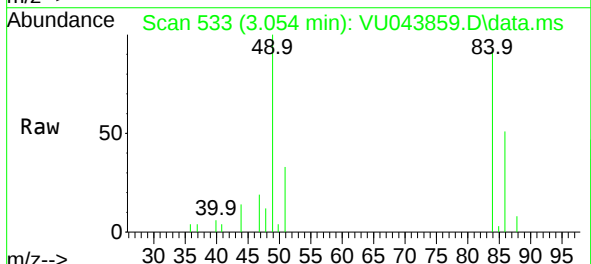
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6DL

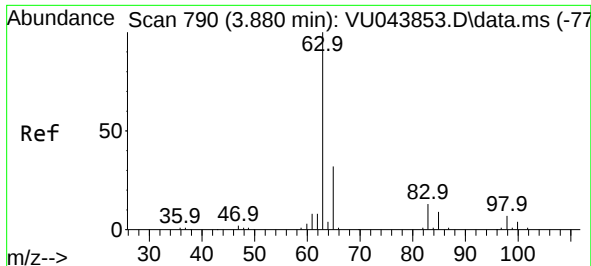
Tgt Ion: 43 Resp: 3309
Ion Ratio Lower Upper
43 100
58 34.1 0.0 71.6



#16
Methylene chloride
Concen: 0.27 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

Tgt Ion: 84 Resp: 5467
Ion Ratio Lower Upper
84 100
86 55.0 44.7 82.9
49 111.4 83.1 154.3





#19

1,1-Dichloroethane

Concen: 0.41 ug/L

RT: 3.880 min Scan# 790

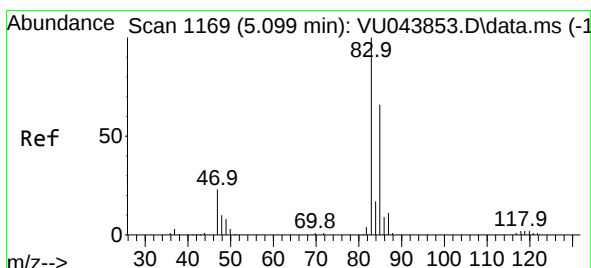
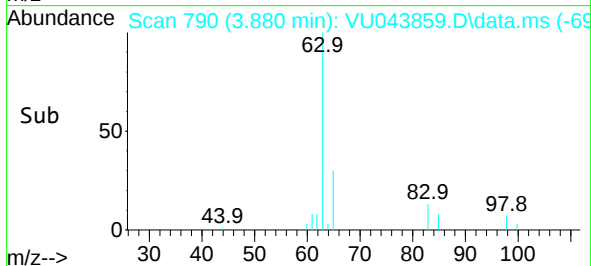
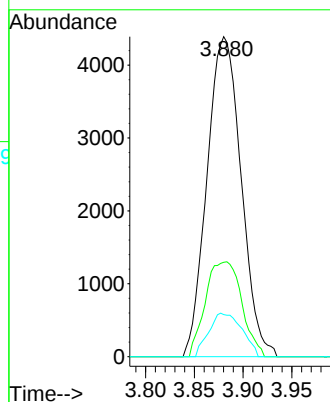
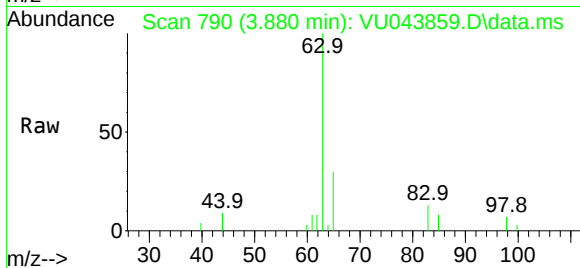
Delta R.T. -0.000 min

Lab File: VU043859.D

Acq: 20 May 2021 12:49

Tgt Ion:	63	Resp:	10685
Ion	Ratio	Lower	Upper
63	100		
65	29.5	22.3	41.3
83	13.1	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6DL



#25

Chloroform

Concen: 0.26 ug/L

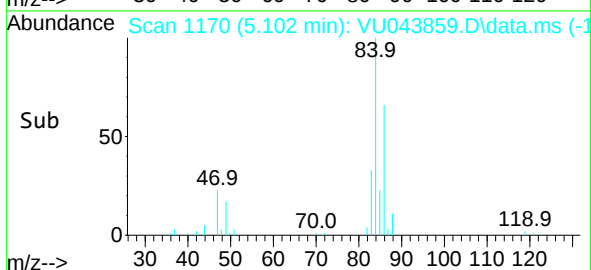
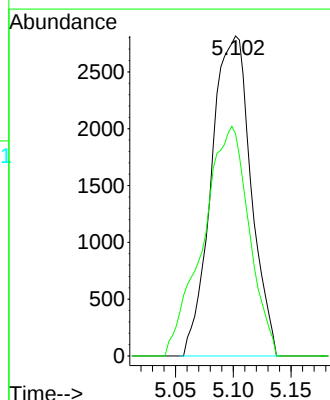
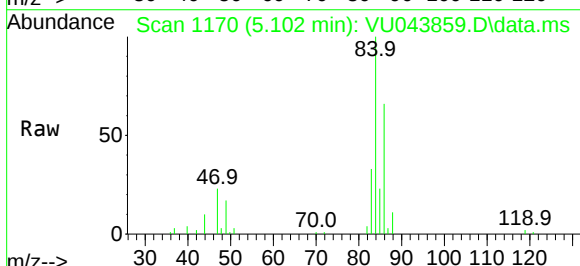
RT: 5.102 min Scan# 1170

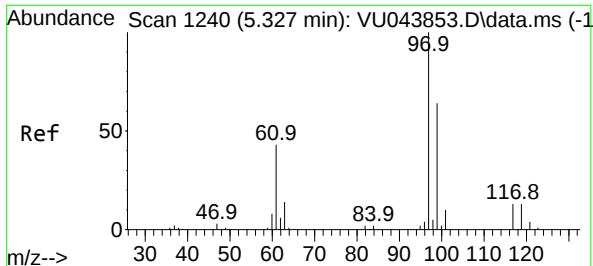
Delta R.T. 0.003 min

Lab File: VU043859.D

Acq: 20 May 2021 12:49

Tgt Ion:	83	Resp:	6703
Ion	Ratio	Lower	Upper
83	100		
85	69.4	45.0	83.6





#29

1,1,1-Trichloroethane

Concen: 7.72 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043859.D

Acq: 20 May 2021 12:49

Tgt Ion: 97 Resp: 179815

Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

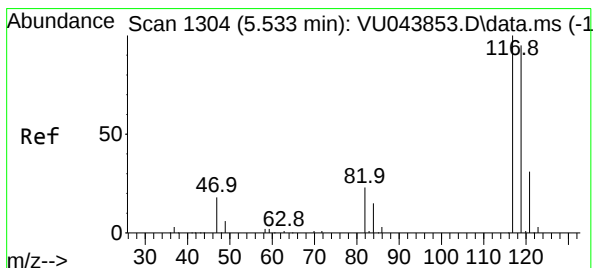
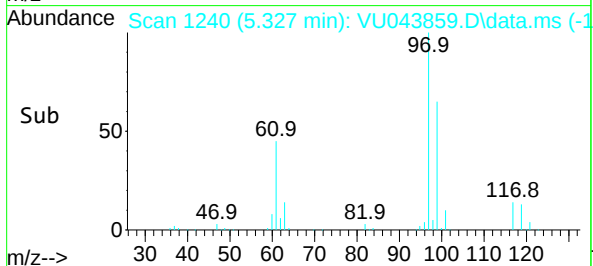
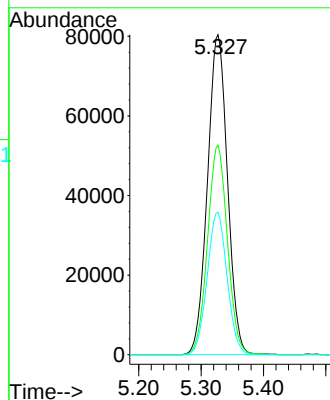
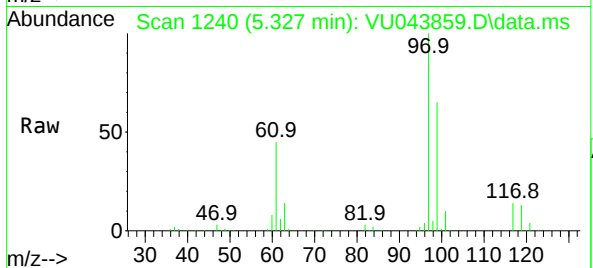
61 44.2 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB3Y6DL



#31

Carbon tetrachloride

Concen: 1.27 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043859.D

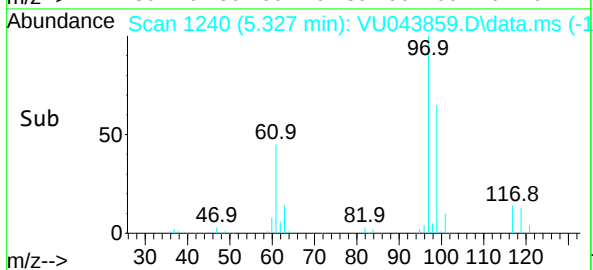
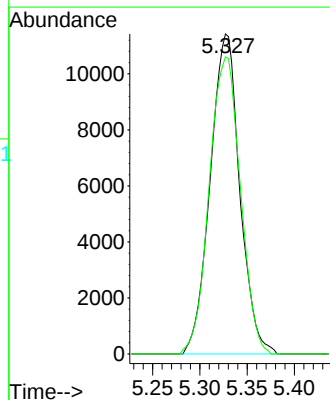
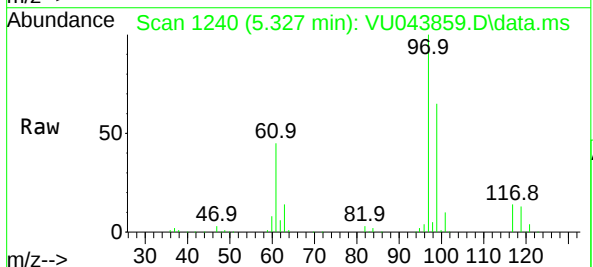
Acq: 20 May 2021 12:49

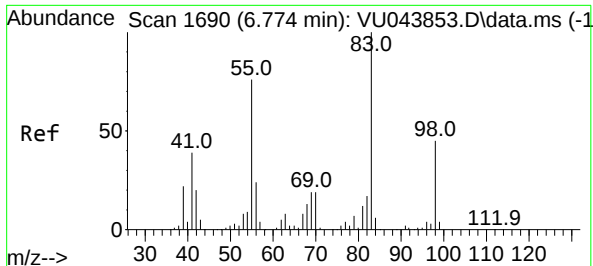
Tgt Ion: 117 Resp: 24781

Ion Ratio Lower Upper

117 100

119 97.9 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: VU043859.D

Acq: 20 May 2021 12:49

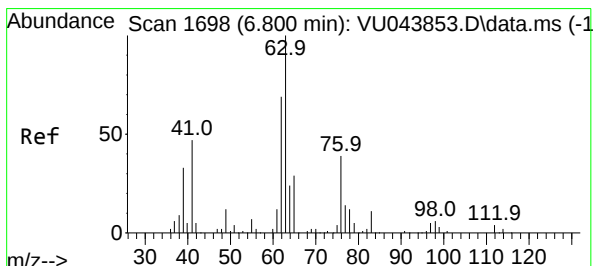
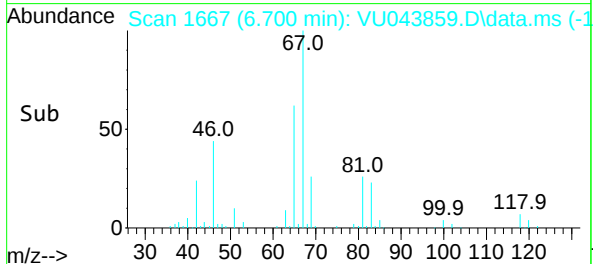
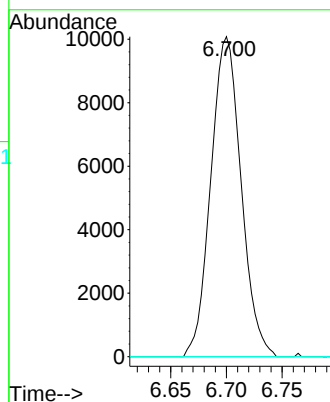
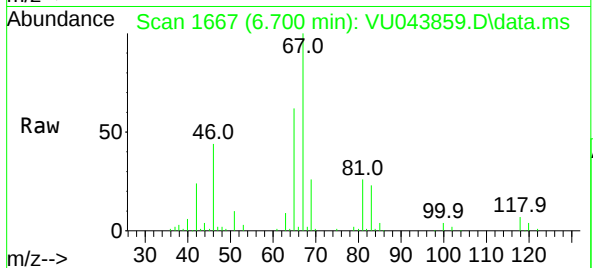
Instrument :

MSVOA_U

ClientSampleID :

GB3Y6DL

Tgt Ion: 83	Resp: 19060
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

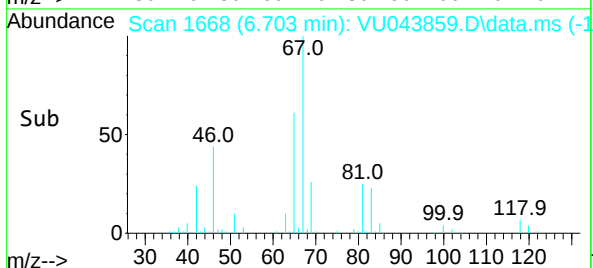
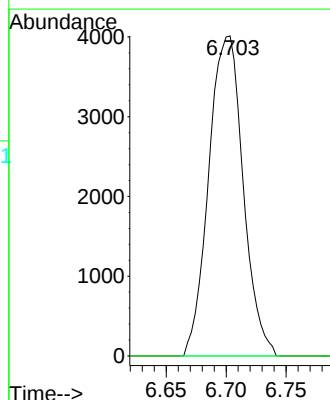
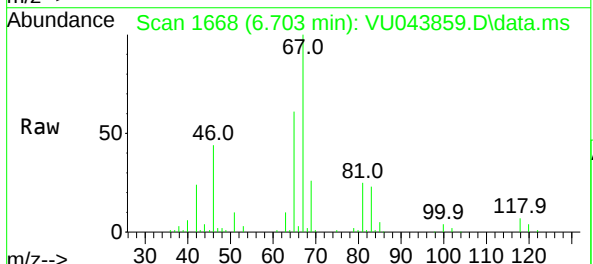
RT: 6.703 min Scan# 1668

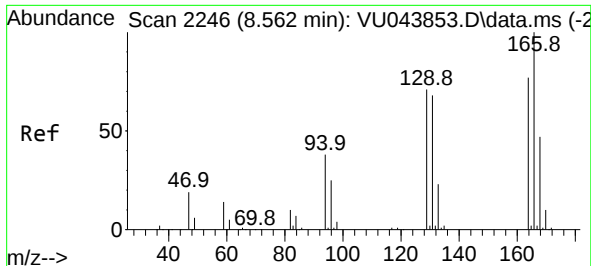
Delta R.T. -0.096 min

Lab File: VU043859.D

Acq: 20 May 2021 12:49

Tgt Ion: 63	Resp: 8010
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#



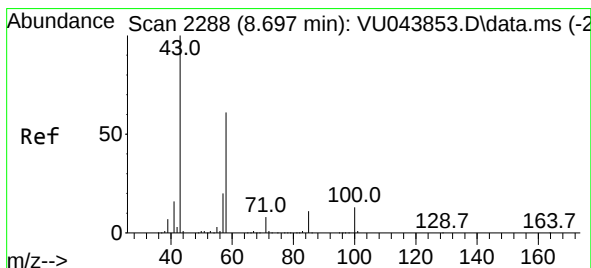
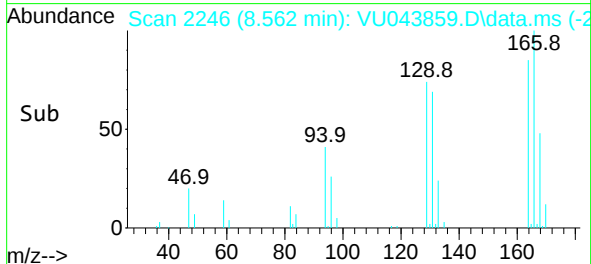
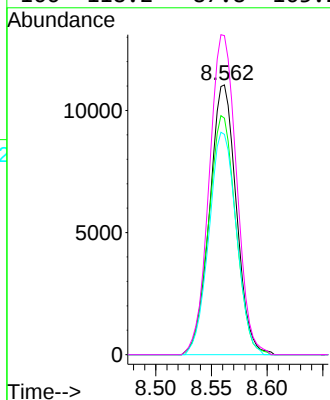
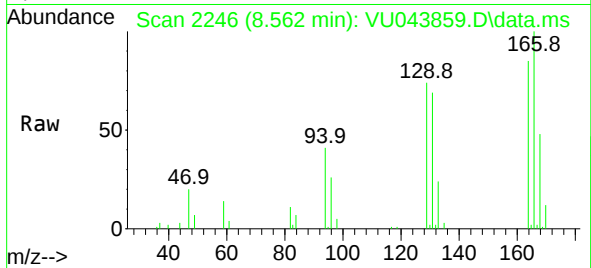


#47
Tetrachloroethene
Concen: 1.38 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

Instrument :
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ClientSampleId :
GB3Y6DL

Tgt Ion:164 Resp: 18464

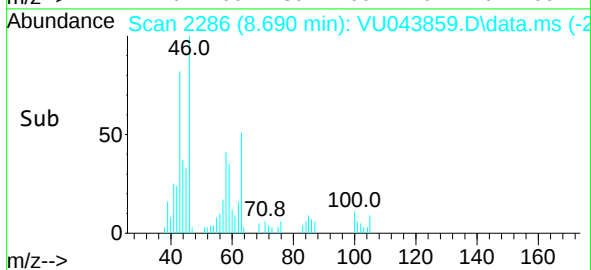
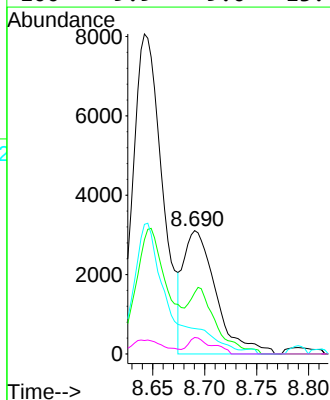
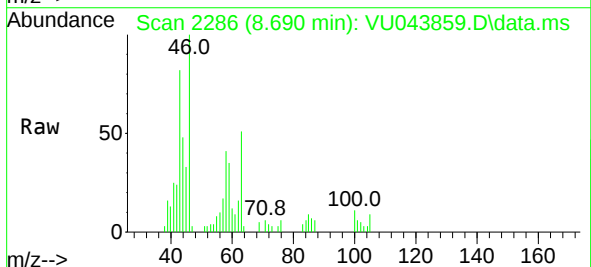
Ion	Ratio	Lower	Upper
164	100		
129	87.7	64.1	119.1
131	81.7	61.2	113.8
166	118.2	87.8	163.2

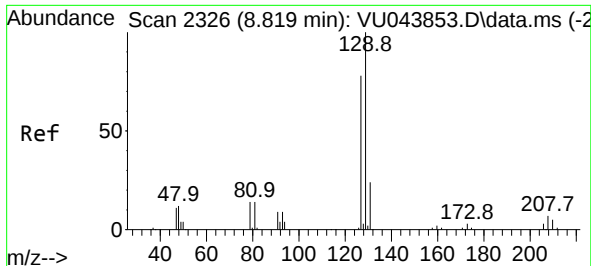


#48
2-Hexanone
Concen: 0.85 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

Tgt Ion: 43 Resp: 6763

Ion	Ratio	Lower	Upper
43	100		
58	44.2	47.0	70.4#
57	0.0	15.8	23.8#
100	9.9	9.0	13.4

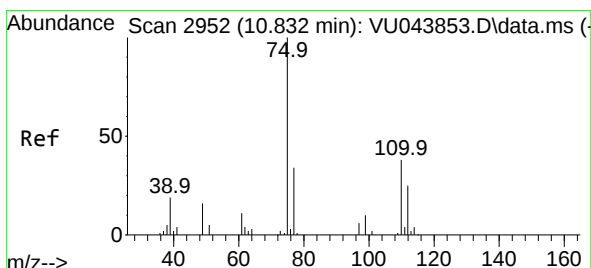
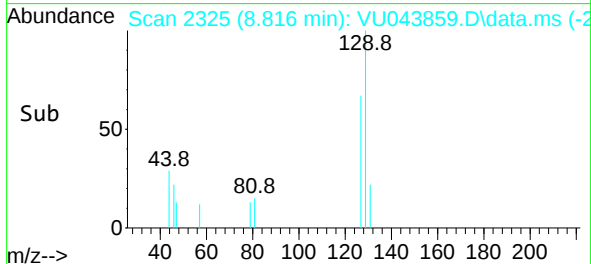
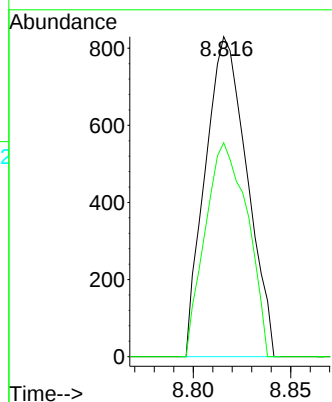
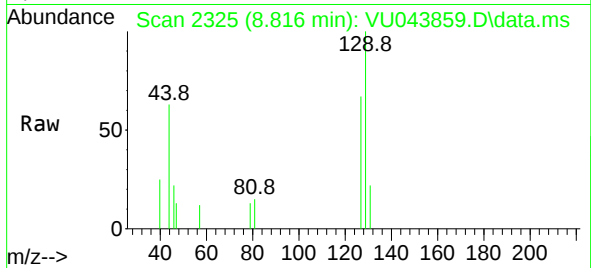




#49
Dibromochloromethane
Concen: 0.09 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

Instrument :
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Tgt Ion:129 Resp: 1234
Ion Ratio Lower Upper
129 100
127 66.9 53.4 99.2



#61
1,2,3-Trichloropropane
Concen: 1.13 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043859.D
Acq: 20 May 2021 12:49

Tgt Ion: 75 Resp: 11211
Ion Ratio Lower Upper
75 100
110 1.8 27.9 41.9#
77 30.8 25.9 38.9

