

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043860.D
 Acq On : 20 May 2021 13:13
 Operator : SY/MD
 Sample : M2464-08DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z1DL

Quant Time: May 21 01:18:11 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)

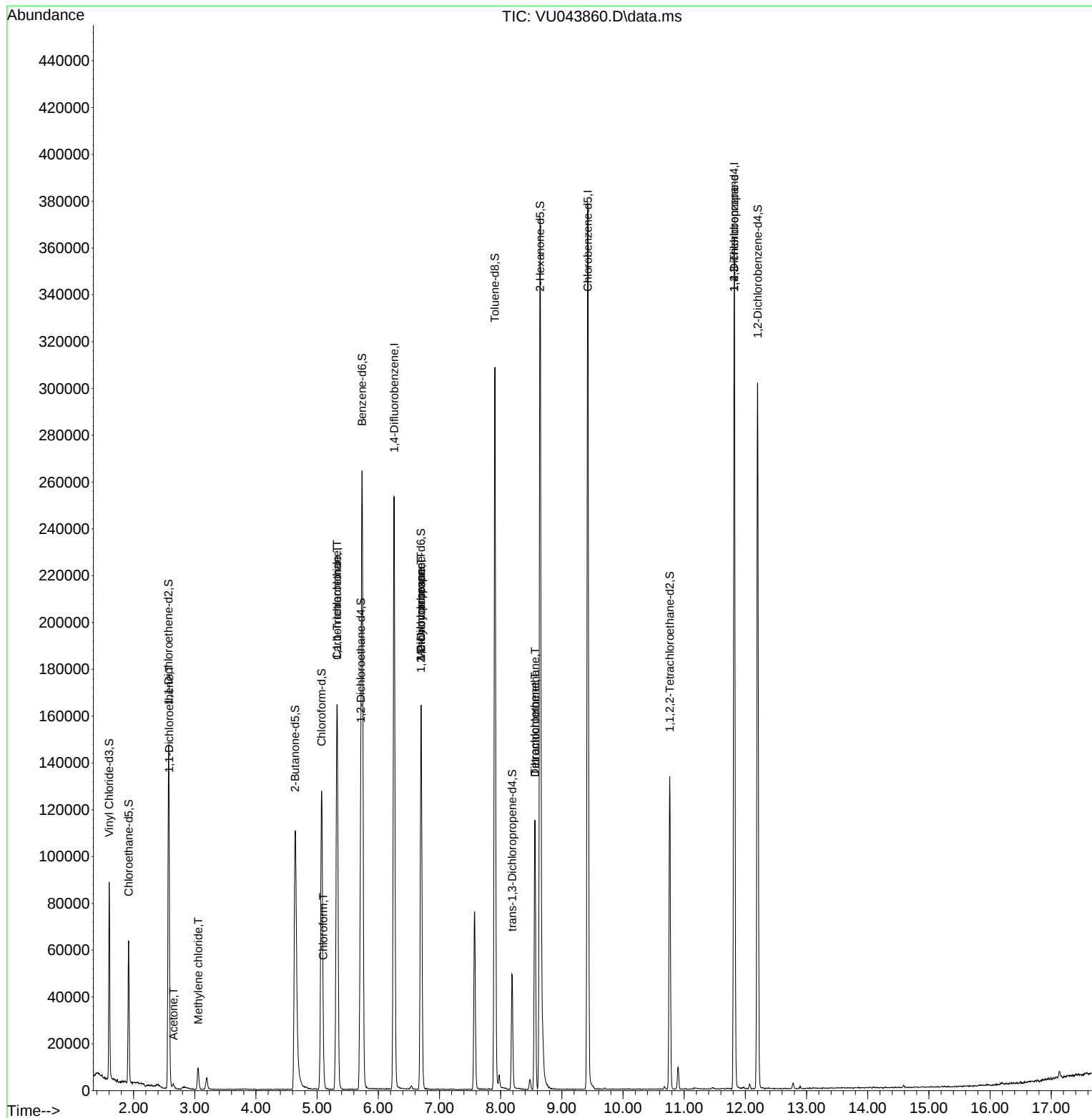
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	211757	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	221162	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103520	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	60737	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	44378	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.572	65	28077	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.639	46	170329	57.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	5.073	84	120879	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.713	65	63520	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.735	84	252680	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.700	67	81337	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.906	98	208992	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloroprop...	8.189	79	28164	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.645	63	132294	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	67962	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	86725	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	2262	0.16	ug/L #	1
13) Acetone	2.652	43	3048	1.62	ug/L	93
16) Methylene chloride	3.057	84	4486	0.22	ug/L	92
25) Chloroform	5.099	83	7427	0.28	ug/L	94
29) 1,1,1-Trichloroethane	5.327	97	119350	5.18	ug/L	98
31) Carbon tetrachloride	5.327	117	16845	0.87	ug/L	99
35) Methylcyclohexane	6.700	83	18626	0.73	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	8410	0.50	ug/L #	88
47) Tetrachloroethene	8.558	164	27438	2.07	ug/L	97
49) Dibromochloromethane	8.562	129	26106	1.95	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10874	1.10	ug/L #	70

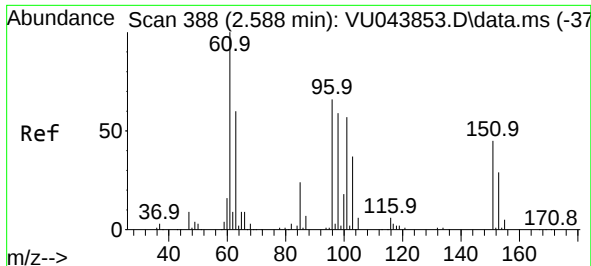
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.16 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.006 min

Lab File: VU043860.D

Acq: 20 May 2021 13:13

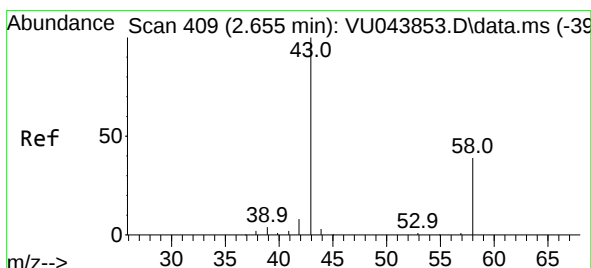
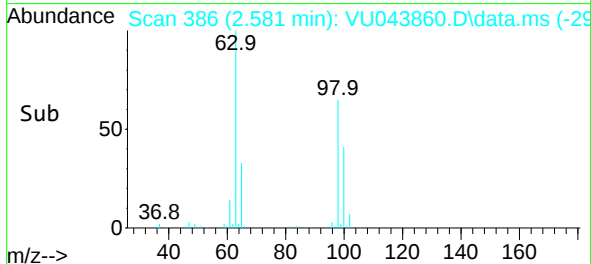
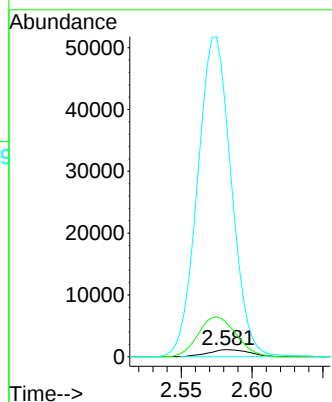
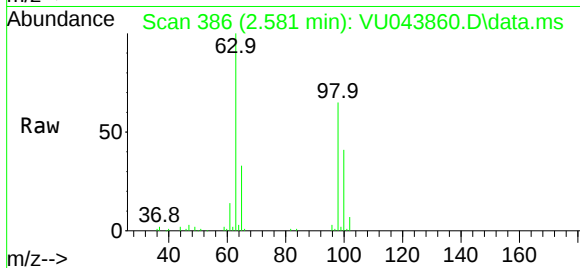
Tgt Ion: 96 Resp: 2262

Ion Ratio Lower Upper

96 100

61 492.3 117.5 218.1#

63 3492.4 77.3 143.7#



#13

Acetone

Concen: 1.62 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU043860.D

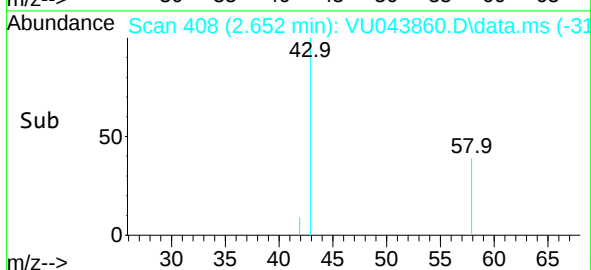
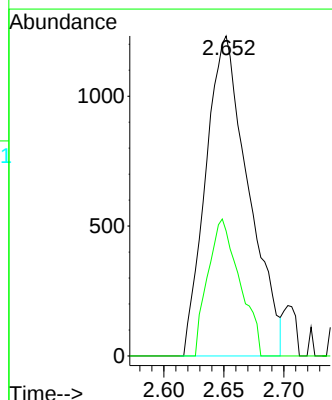
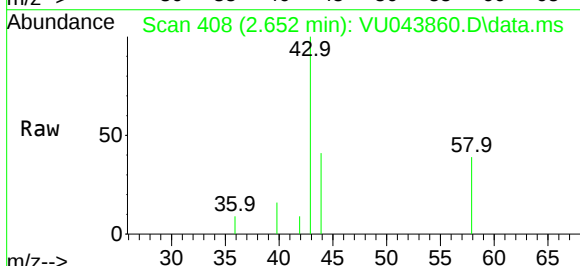
Acq: 20 May 2021 13:13

Tgt Ion: 43 Resp: 3048

Ion Ratio Lower Upper

43 100

58 31.9 0.0 71.6

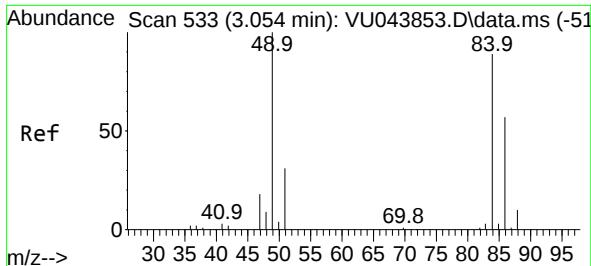


Instrument :

MSVOA_U

ClientSampleId :

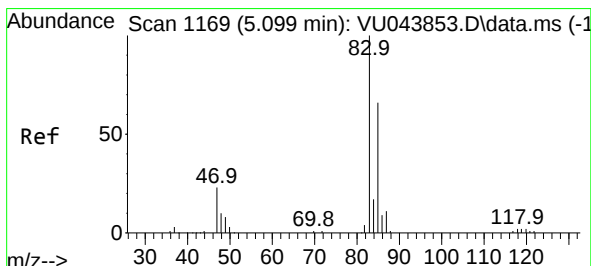
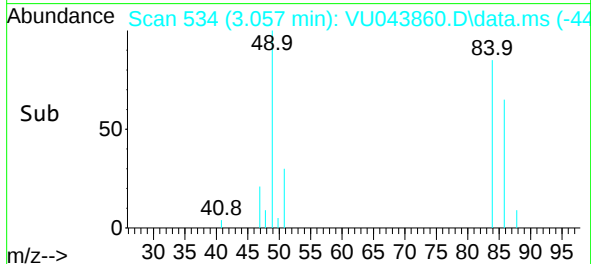
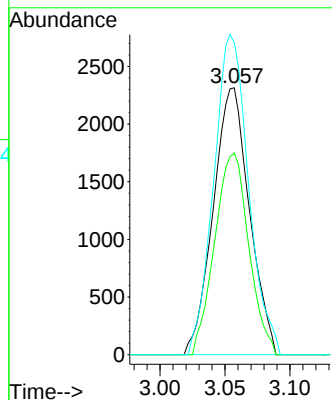
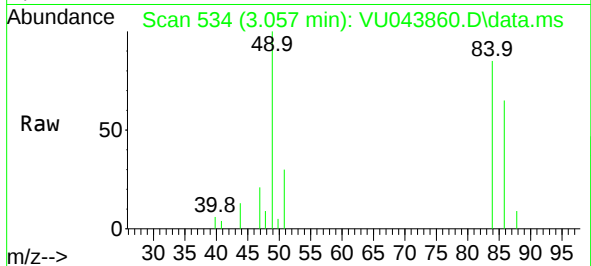
GB3Z1DL



#16
Methylene chloride
Concen: 0.22 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043860.D
Acq: 20 May 2021 13:13

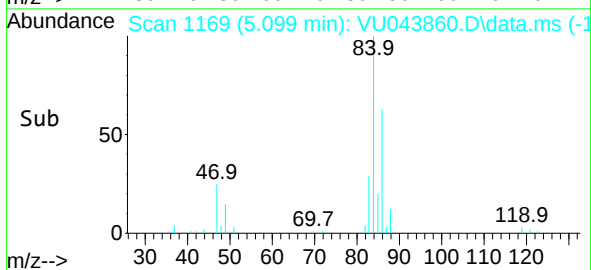
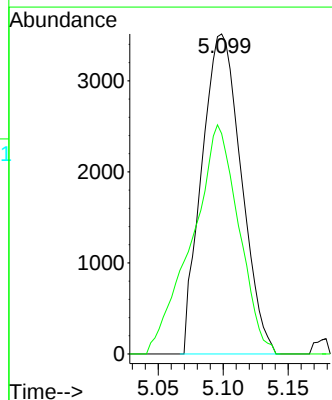
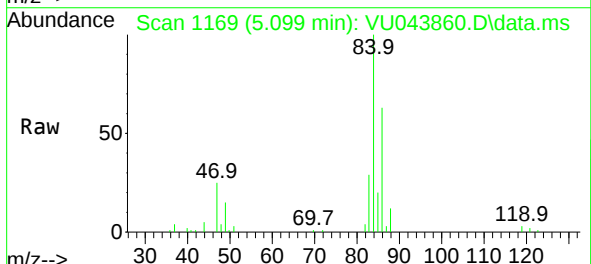
Instrument :
MSVOA_U
ClientSampleId :
GB3Z1DL

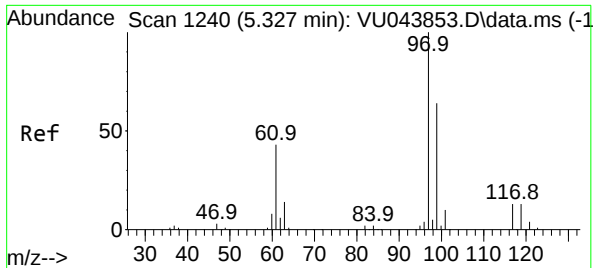
Tgt Ion: 84 Resp: 4486
Ion Ratio Lower Upper
84 100
86 75.5 44.7 82.9
49 123.0 83.1 154.3



#25
Chloroform
Concen: 0.28 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043860.D
Acq: 20 May 2021 13:13

Tgt Ion: 83 Resp: 7427
Ion Ratio Lower Upper
83 100
85 68.8 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 5.18 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043860.D

Acq: 20 May 2021 13:13

Tgt Ion: 97 Resp: 119350

Ion Ratio Lower Upper

97 100

99 65.0 51.1 76.7

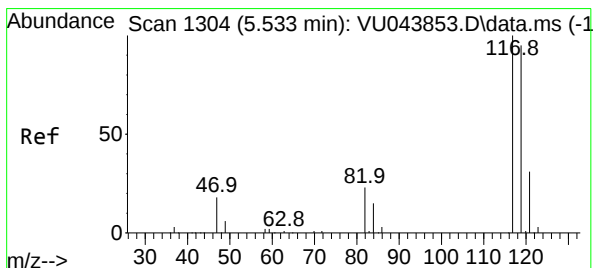
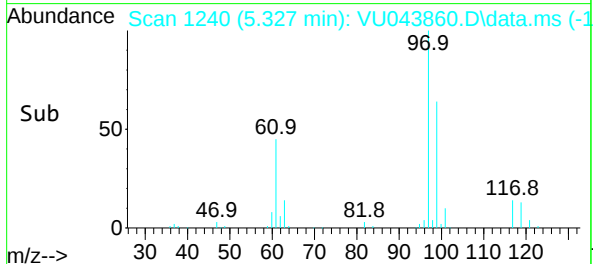
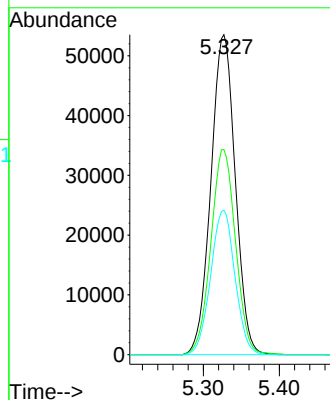
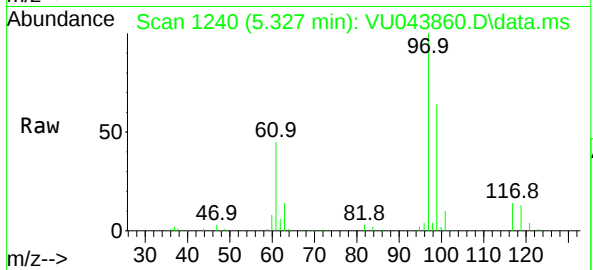
61 45.1 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB3Z1DL



#31

Carbon tetrachloride

Concen: 0.87 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043860.D

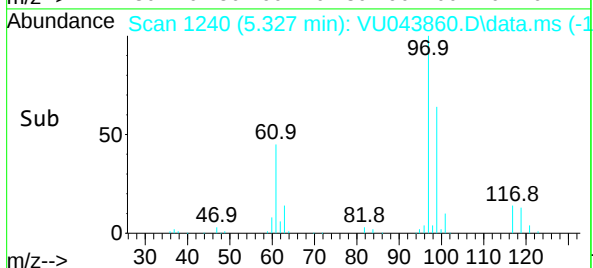
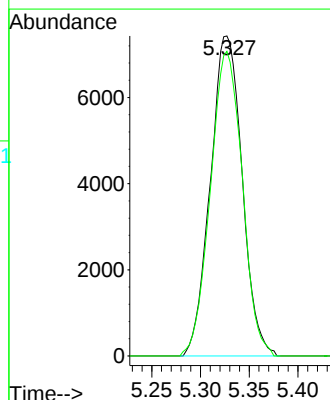
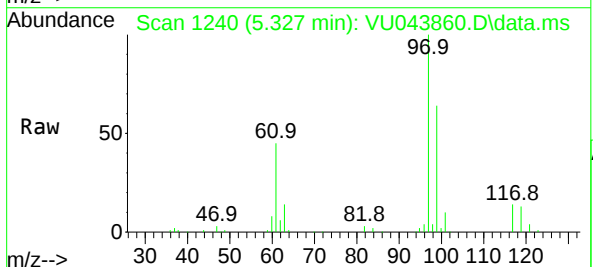
Acq: 20 May 2021 13:13

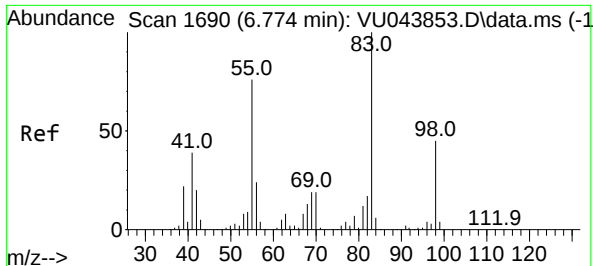
Tgt Ion: 117 Resp: 16845

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0





#35

Methylcyclohexane

Concen: 0.73 ug/L

RT: 6.700 min Scan# 1667

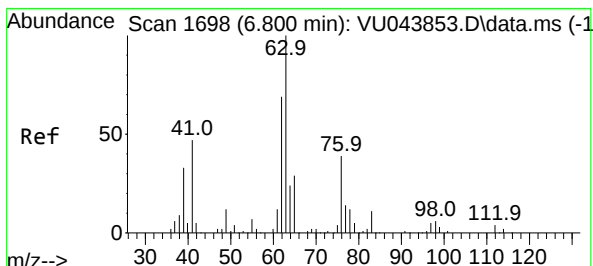
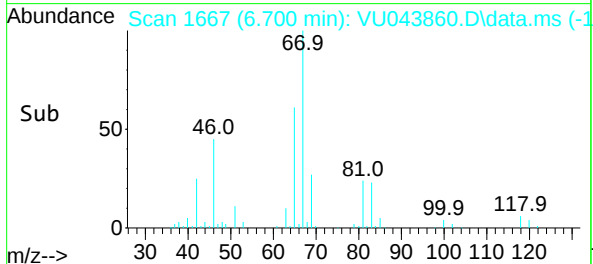
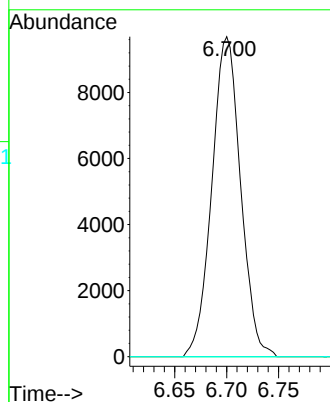
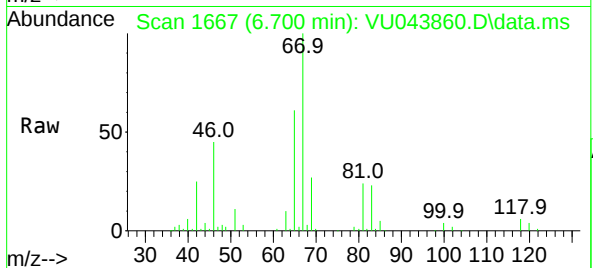
Delta R.T. -0.074 min

Lab File: VU043860.D

Acq: 20 May 2021 13:13

Tgt Ion: 83	Resp: 18626
Ion Ratio	Lower Upper
83 100	
55 0.0	64.8 97.2#
98 0.1	35.9 53.9#

Instrument :
MSVOA_U
ClientSampled :
GB3Z1DL



#37

1,2-Dichloropropane

Concen: 0.50 ug/L

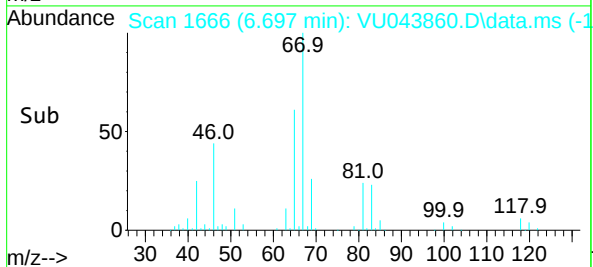
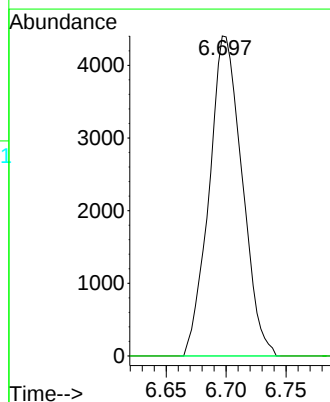
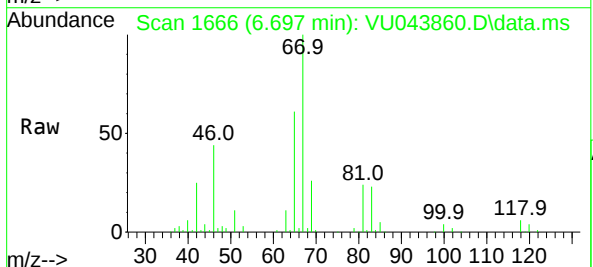
RT: 6.697 min Scan# 1666

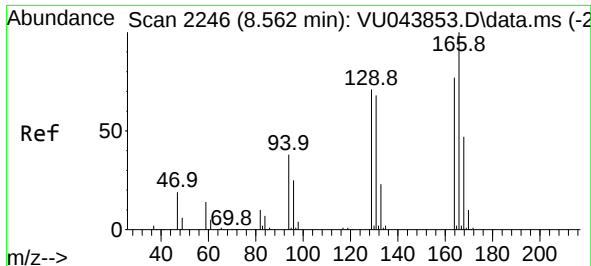
Delta R.T. -0.103 min

Lab File: VU043860.D

Acq: 20 May 2021 13:13

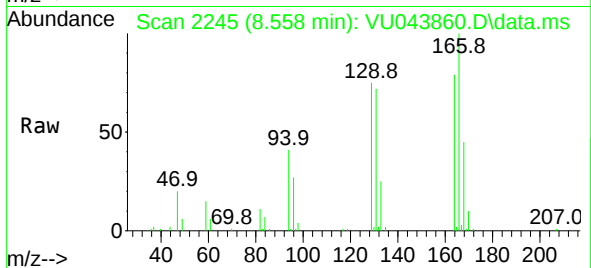
Tgt Ion: 63	Resp: 8410
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#



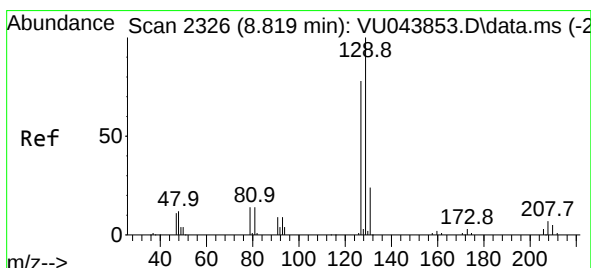
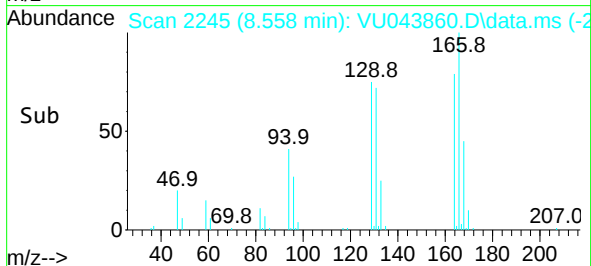
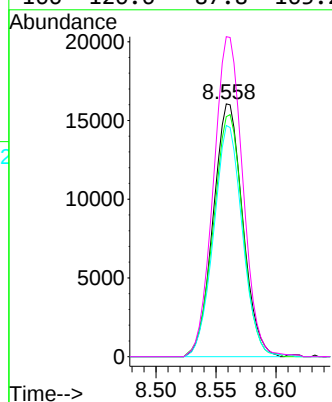


#47
Tetrachloroethene
Concen: 2.07 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043860.D
Acq: 20 May 2021 13:13

Instrument :
MSVOA_U
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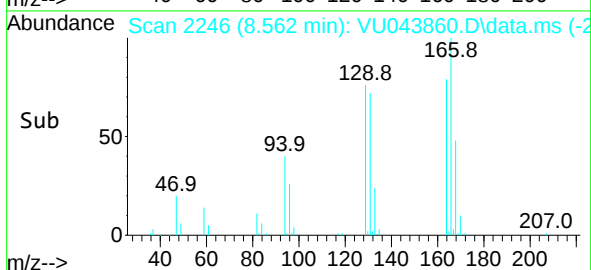
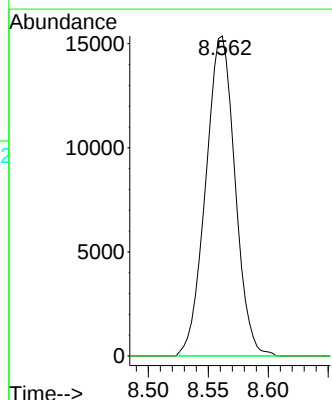
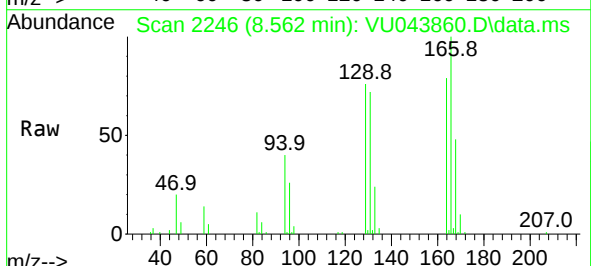


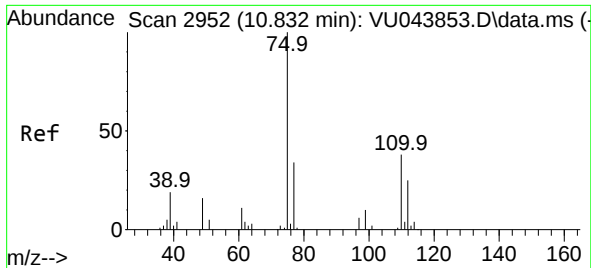
Tgt Ion:164 Resp: 27438
Ion Ratio Lower Upper
164 100
129 94.9 64.1 119.1
131 91.4 61.2 113.8
166 126.6 87.8 163.2



#49
Dibromochloromethane
Concen: 1.95 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.257 min
Lab File: VU043860.D
Acq: 20 May 2021 13:13

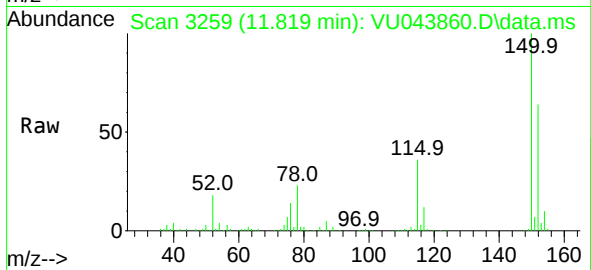
Tgt Ion:129 Resp: 26106
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.10 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043860.D
 Acq: 20 May 2021 13:13

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 MSVOA_U
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Tgt Ion: 75 Resp: 10874
 Ion Ratio Lower Upper
 75 100
 110 1.0 27.9 41.9#
 77 32.5 25.9 38.9

