

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043861.D
 Acq On : 20 May 2021 13:37
 Operator : SY/MD
 Sample : M2464-09DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z2DL

Quant Time: May 21 01:18:23 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)

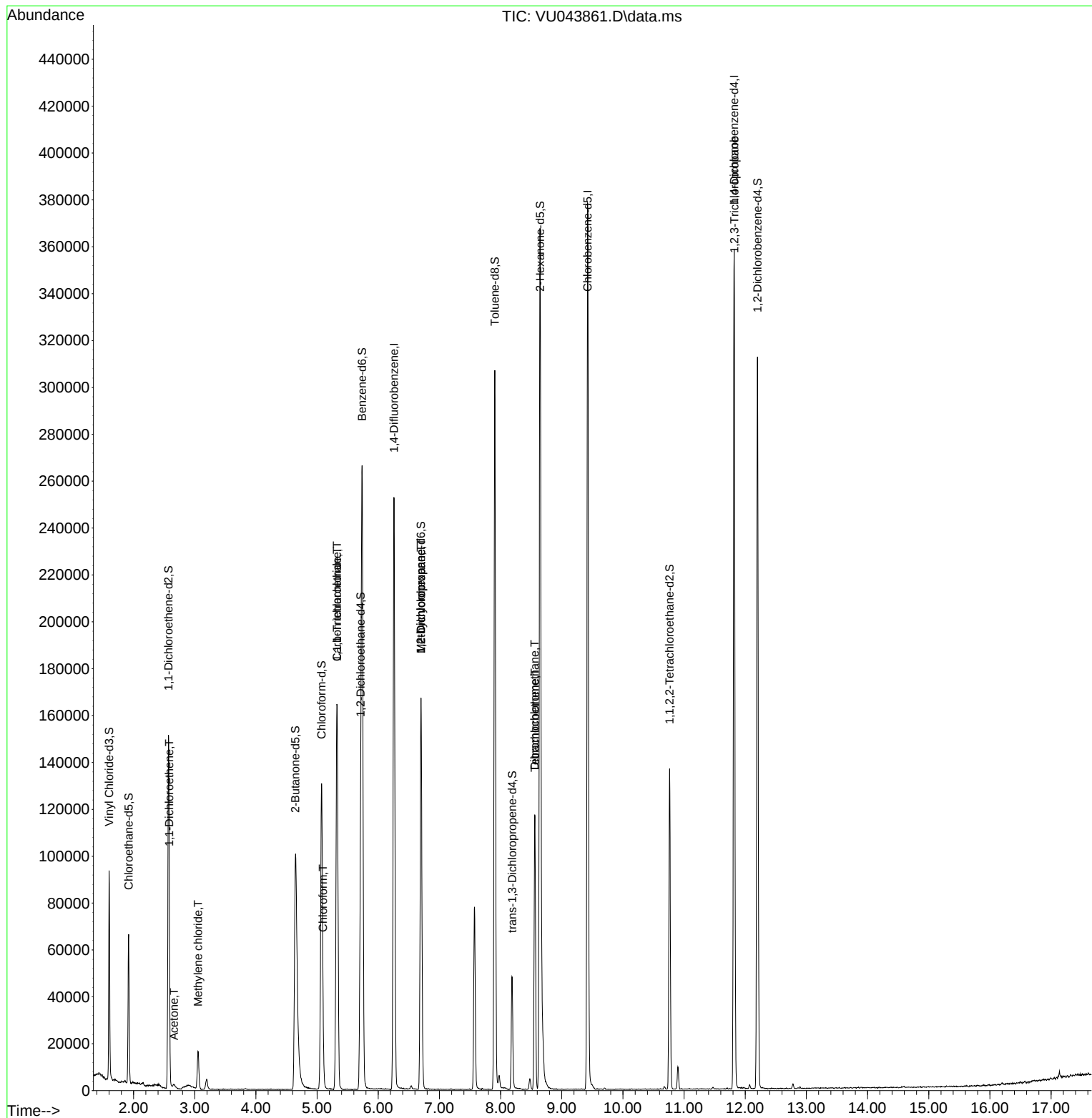
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	211172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	219883	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103568	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62047	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.919	69	45908	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.572	65	28122	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.645	46	174374	58.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.80%
24) Chloroform-d	5.073	84	121999	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.713	65	64537	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.735	84	255210	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	84366	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	211222	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.189	79	28182	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.645	63	132822	44.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.28%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	68888	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	88335	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	2337	0.17	ug/L #	1
13) Acetone	2.662	43	3264	1.74	ug/L	73
16) Methylene chloride	3.054	84	7682	0.37	ug/L	98
25) Chloroform	5.096	83	8117	0.31	ug/L	94
29) 1,1,1-Trichloroethane	5.327	97	121331	5.29	ug/L	98
31) Carbon tetrachloride	5.327	117	16767	0.88	ug/L	99
35) Methylcyclohexane	6.700	83	19294	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8333	0.50	ug/L #	88
47) Tetrachloroethene	8.562	164	28154	2.13	ug/L	98
49) Dibromochloromethane	8.558	129	24840	1.86	ug/L #	11
61) 1,2,3-Trichloropropane	11.822	75	10932	1.11	ug/L #	70

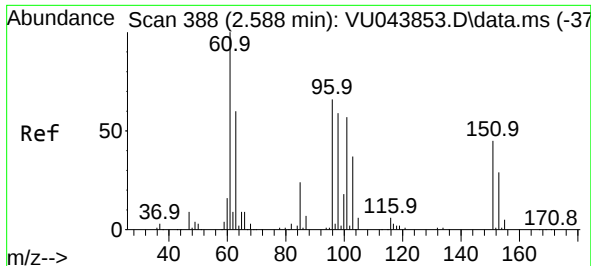
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.17 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

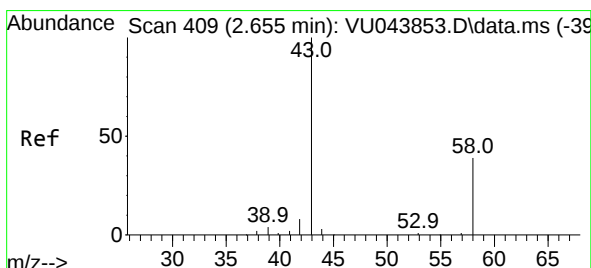
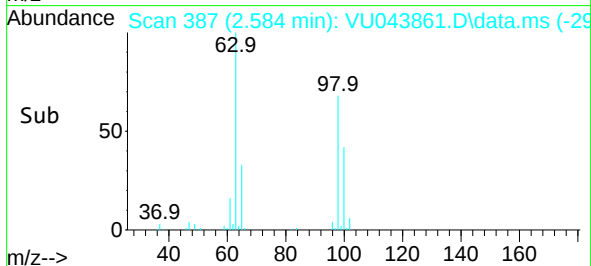
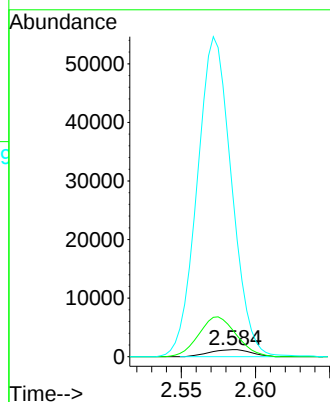
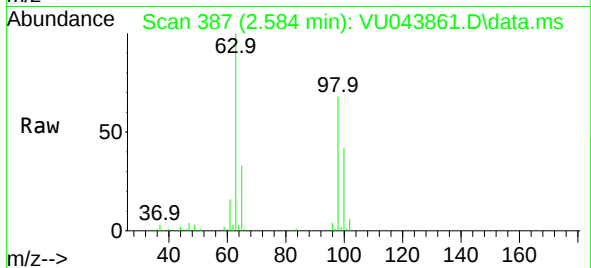
Lab File: VU043861.D

Acq: 20 May 2021 13:37

Tgt Ion: 96 Resp: 2337

Ion	Ratio	Lower	Upper
96	100		
61	383.1	117.5	218.1#
63	2350.7	77.3	143.7#

Instrument :
MSVOA_U
ClientSampleId :
GB3Z2DL



#13

Acetone

Concen: 1.74 ug/L

RT: 2.662 min Scan# 411

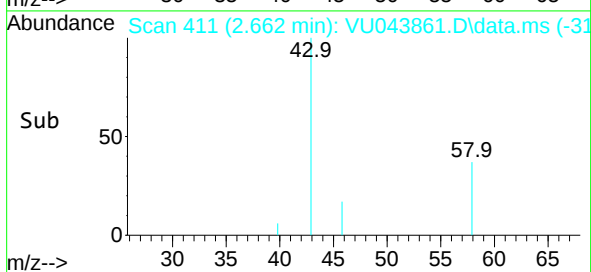
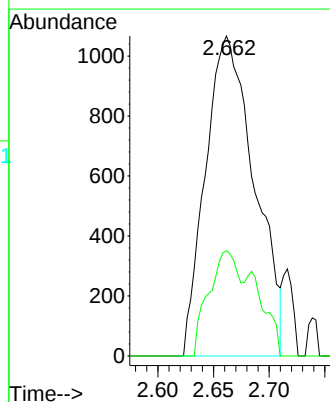
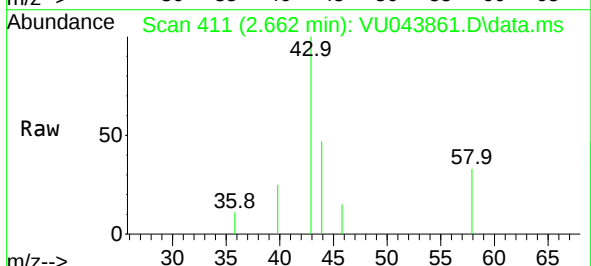
Delta R.T. 0.006 min

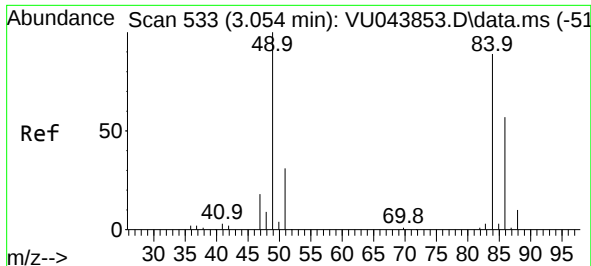
Lab File: VU043861.D

Acq: 20 May 2021 13:37

Tgt Ion: 43 Resp: 3264

Ion	Ratio	Lower	Upper
43	100		
58	19.9	0.0	71.6

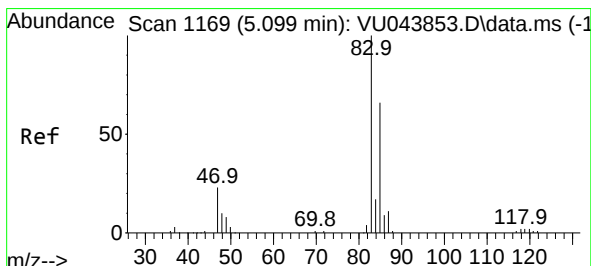
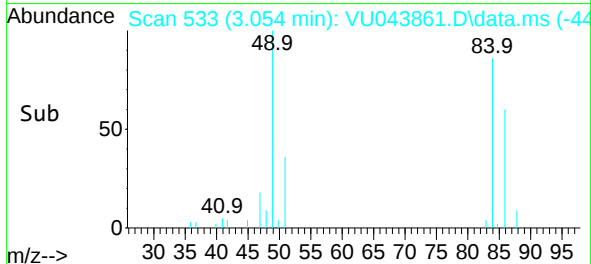
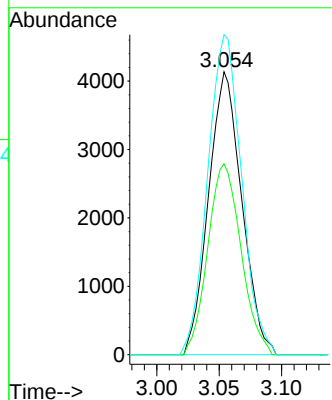
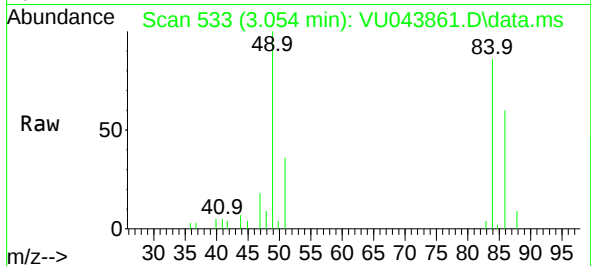




#16
Methylene chloride
Concen: 0.37 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043861.D
Acq: 20 May 2021 13:37

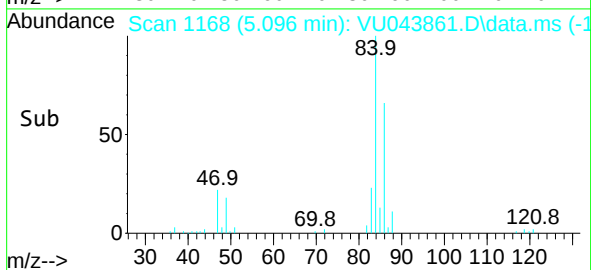
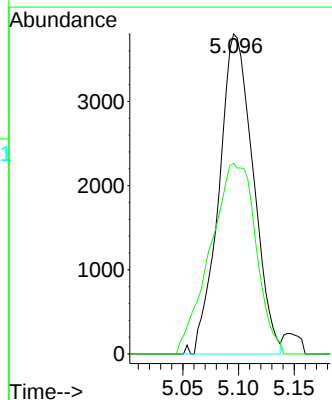
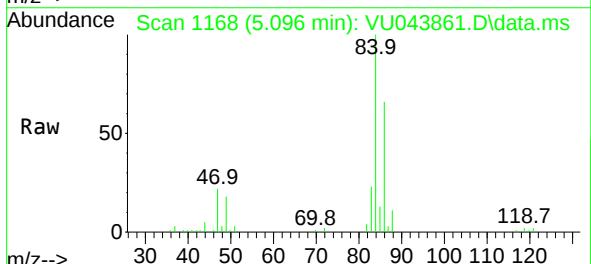
Instrument :
MSVOA_U
ClientSampled :
GB3Z2DL

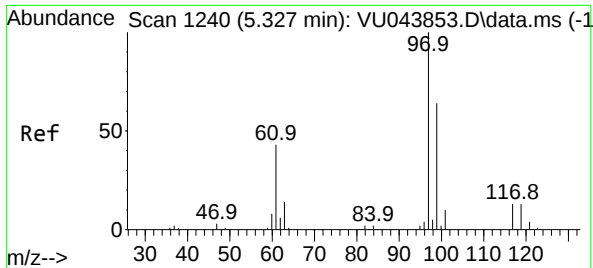
Tgt Ion: 84 Resp: 7682
Ion Ratio Lower Upper
84 100
86 67.5 44.7 82.9
49 117.4 83.1 154.3



#25
Chloroform
Concen: 0.31 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043861.D
Acq: 20 May 2021 13:37

Tgt Ion: 83 Resp: 8117
Ion Ratio Lower Upper
83 100
85 59.6 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 5.29 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043861.D

Acq: 20 May 2021 13:37

Tgt Ion: 97 Resp: 121331

Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

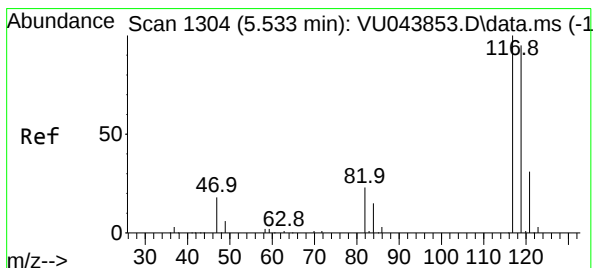
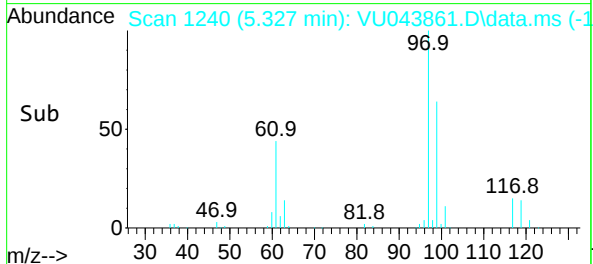
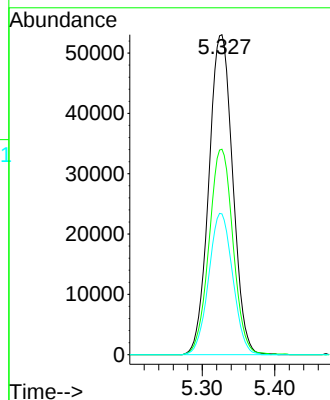
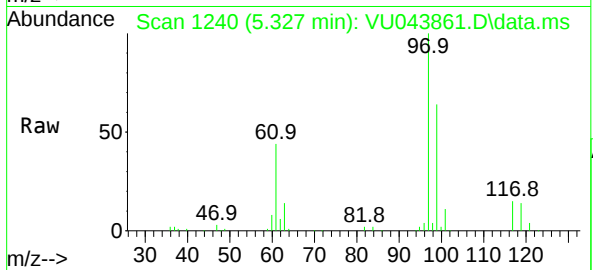
61 44.4 37.0 55.4

Instrument :

MSVOA_U

ClientSampleId :

GB3Z2DL



#31

Carbon tetrachloride

Concen: 0.88 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043861.D

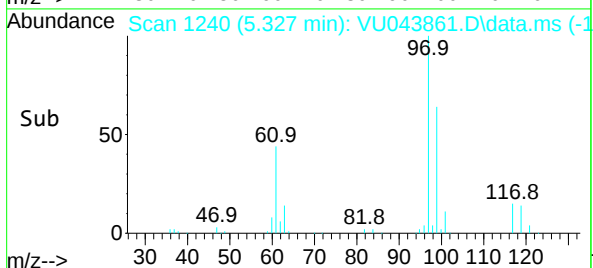
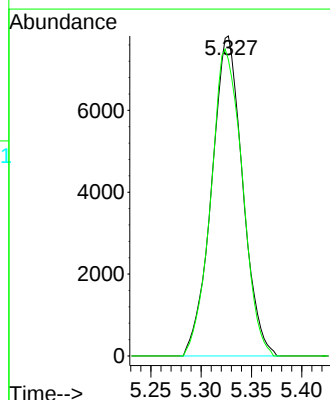
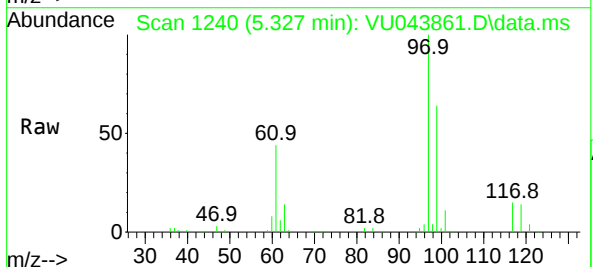
Acq: 20 May 2021 13:37

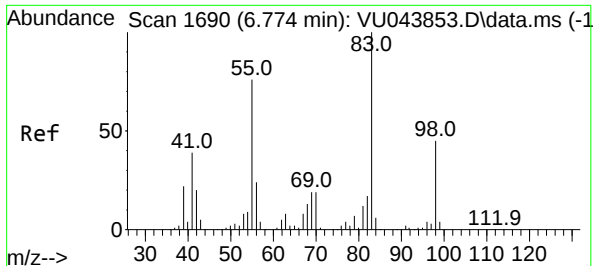
Tgt Ion: 117 Resp: 16767

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0





#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.700 min Scan# 1667

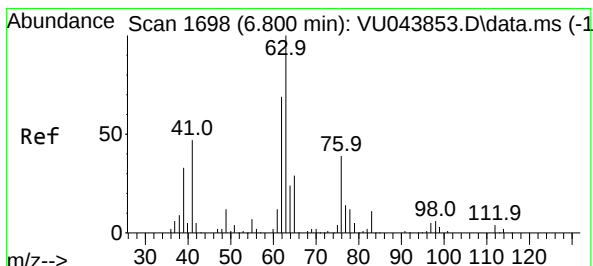
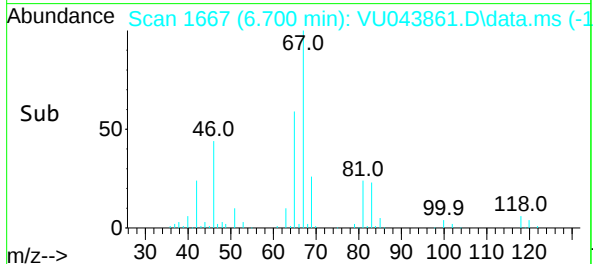
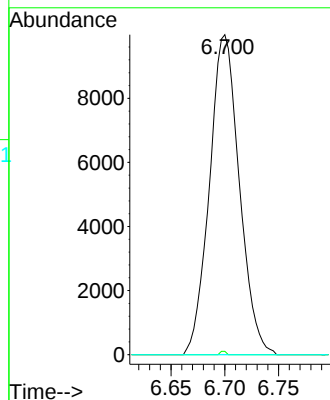
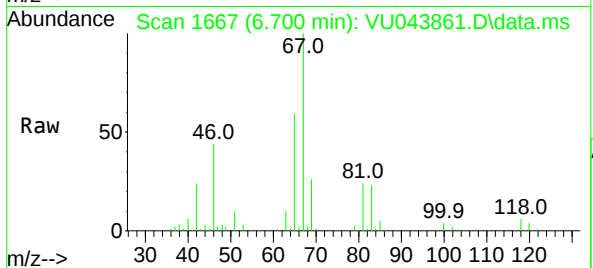
Delta R.T. -0.074 min

Lab File: VU043861.D

Acq: 20 May 2021 13:37

Tgt Ion:	83	Resp:	19294
Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.8	97.2#
98	0.4	35.9	53.9#

Instrument :
MSVOA_U
ClientSampleId :
GB3Z2DL



#37

1,2-Dichloropropane

Concen: 0.50 ug/L

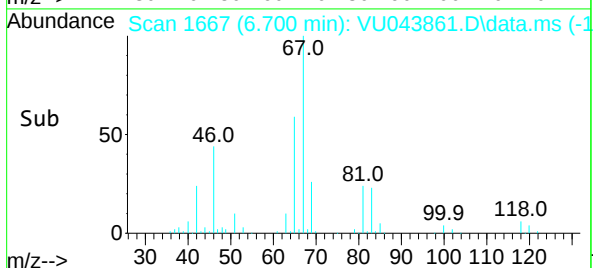
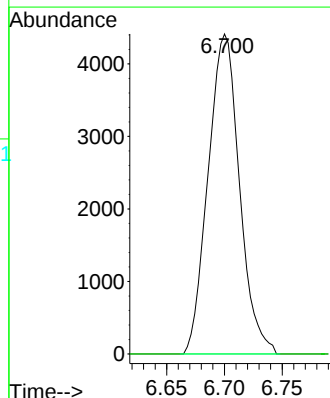
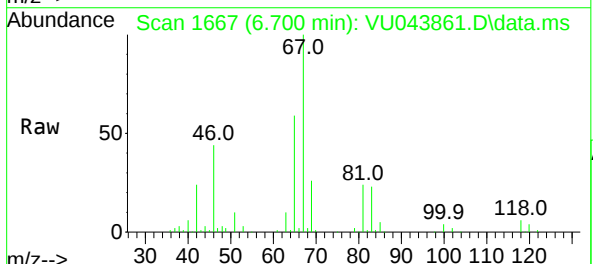
RT: 6.700 min Scan# 1667

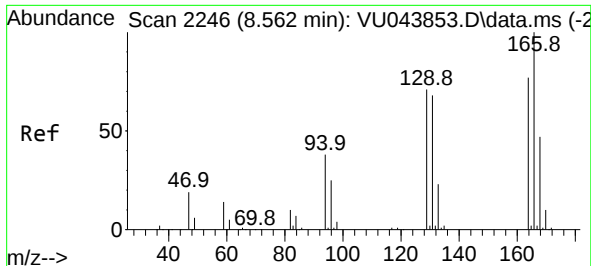
Delta R.T. -0.100 min

Lab File: VU043861.D

Acq: 20 May 2021 13:37

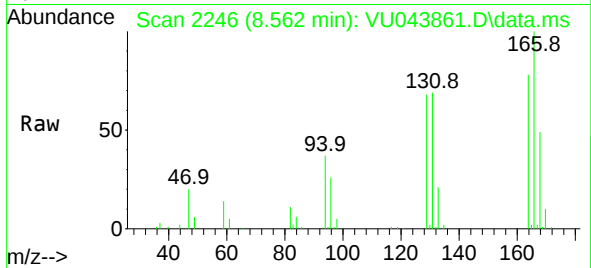
Tgt Ion:	63	Resp:	8333
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



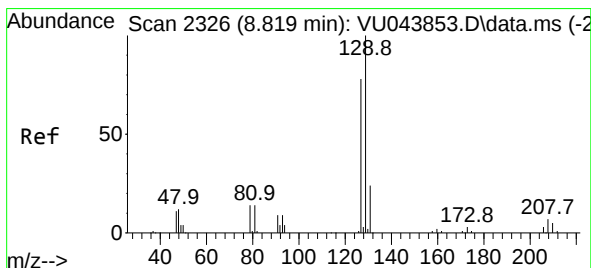
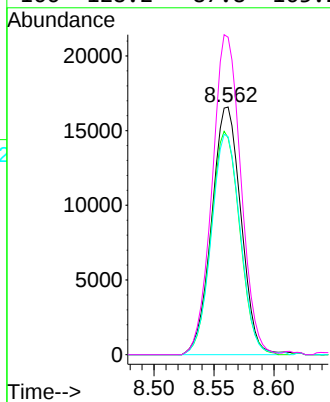
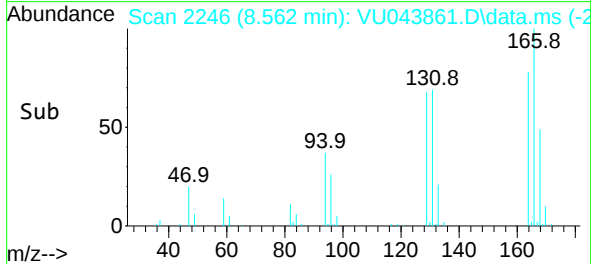


#47
Tetrachloroethene
Concen: 2.13 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043861.D
Acq: 20 May 2021 13:37

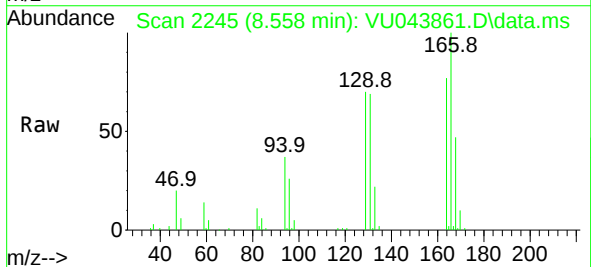
Instrument :
MSVOA_U
ClientSampled :
GB3Z2DL



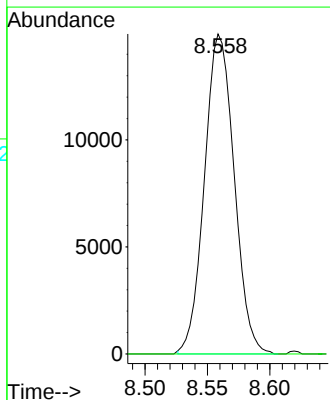
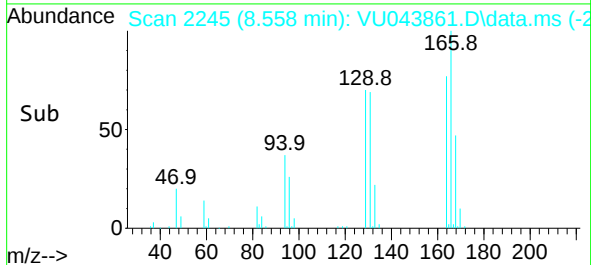
Tgt Ion:164 Resp: 28154
Ion Ratio Lower Upper
164 100
129 87.6 64.1 119.1
131 87.9 61.2 113.8
166 128.2 87.8 163.2

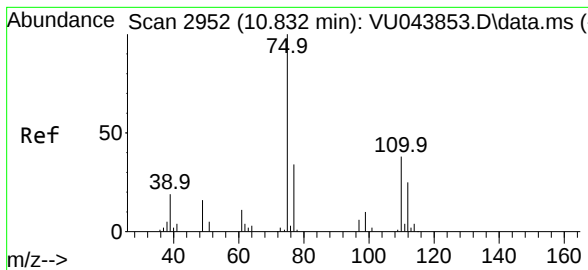


#49
Dibromochloromethane
Concen: 1.86 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043861.D
Acq: 20 May 2021 13:37



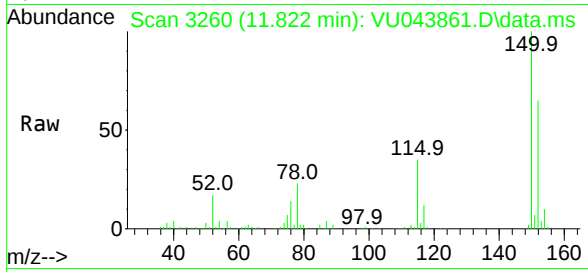
Tgt Ion:129 Resp: 24840
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.990 min
 Lab File: VU043861.D
 Acq: 20 May 2021 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z2DL



Tgt Ion: 75 Resp: 10932
 Ion Ratio Lower Upper
 75 100
 110 2.0 27.9 41.9#
 77 31.7 25.9 38.9

