

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043841.D
 Acq On : 19 May 2021 21:03
 Operator : SY/MD
 Sample : M2464-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z0

Quant Time: May 20 03:57:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	215255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	220074	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102627	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	65078	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.915	69	44009	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.571	65	28648	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.642	46	195120	64.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.30%
24) Chloroform-d	5.073	84	130930	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	67357	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	263043	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	84666	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	218786	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.185	79	29728	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.645	63	152071	51.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.12%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71672	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	88356	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1979	0.11	ug/L	85
13) Acetone	2.645	43	10438	5.45	ug/L	99
25) Chloroform	5.095	83	14060	0.53	ug/L	91
27) 1,2-Dichloroethane	5.735	62	1305	0.08	ug/L #	74
29) 1,1,1-Trichloroethane	5.327	97	15876	0.69	ug/L	99
31) Carbon tetrachloride	5.330	117	2084	0.11	ug/L	98
35) Methylcyclohexane	6.697	83	19402	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8590	0.52	ug/L #	88
38) Bromodichloromethane	7.115	83	28220	1.45	ug/L	98
39) cis-1,3-Dichloropropene	7.574	75	1931	0.09	ug/L #	63
42) Toluene	7.976	91	4541	0.07	ug/L	97
47) Tetrachloroethene	8.562	164	21603	1.64	ug/L	99
48) 2-Hexanone	8.693	43	7001	0.89	ug/L #	85
49) Dibromochloromethane	8.819	129	40194	3.01	ug/L	98
59) Bromoform	10.301	173	9679	1.40	ug/L	100
61) 1,2,3-Trichloropropane	11.822	75	10947	1.12	ug/L #	70

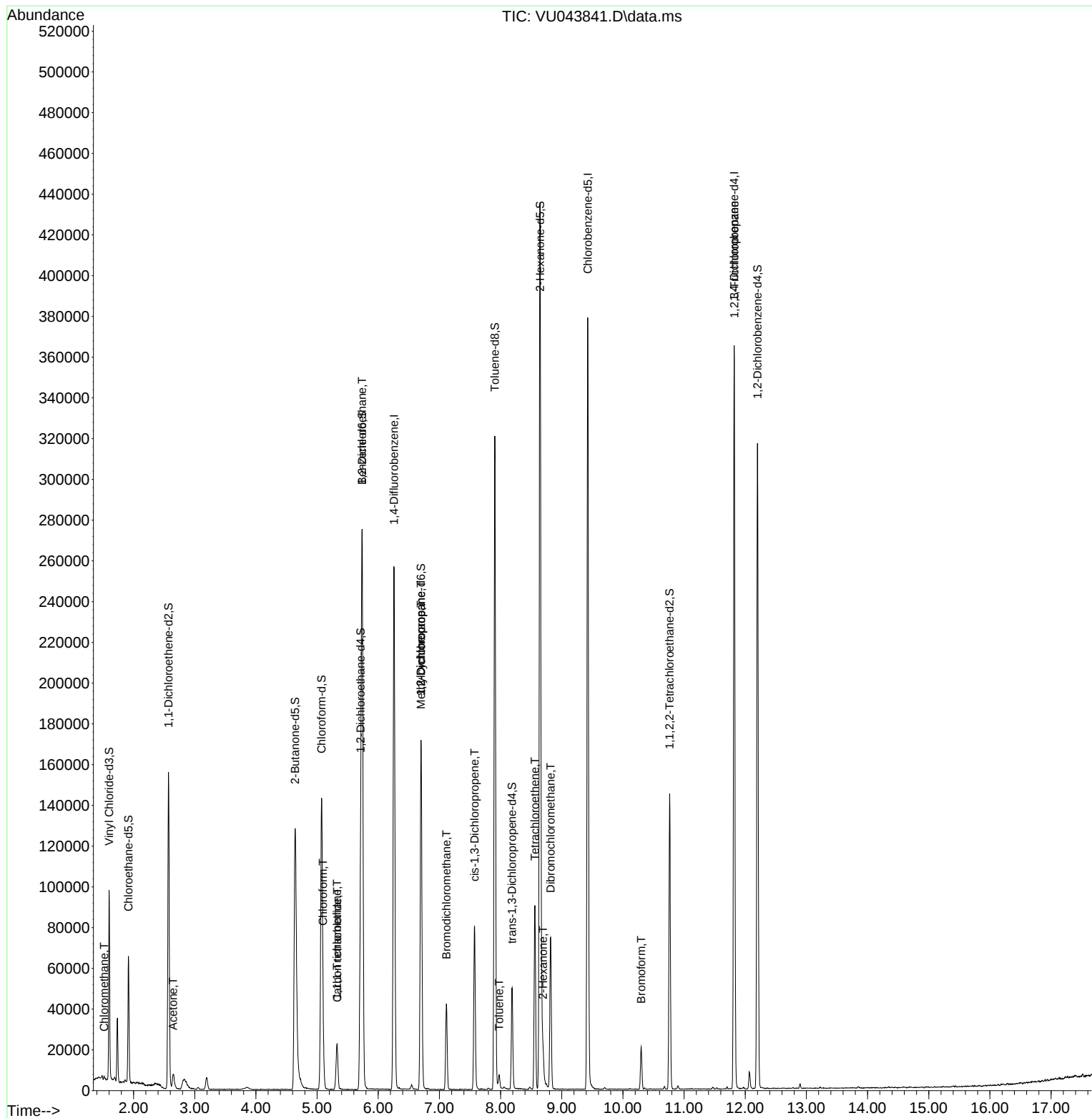
(#) = qualifier out of range (m) = manual integration (+) = signals summed

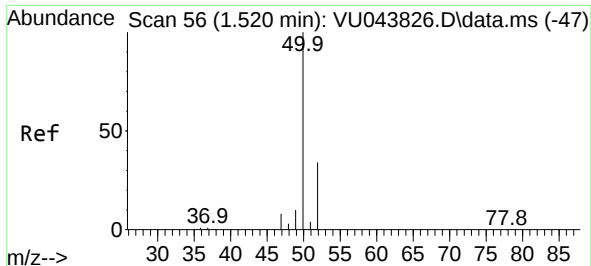
Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043841.D
Acq On : 19 May 2021 21:03
Operator : SY/MD
Sample : M2464-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

Quant Time: May 20 03:57:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 20 03:54:53 2021
Response via : Initial Calibration

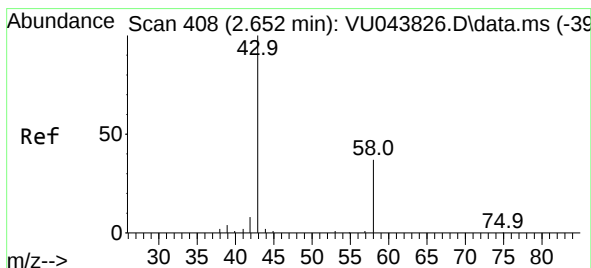
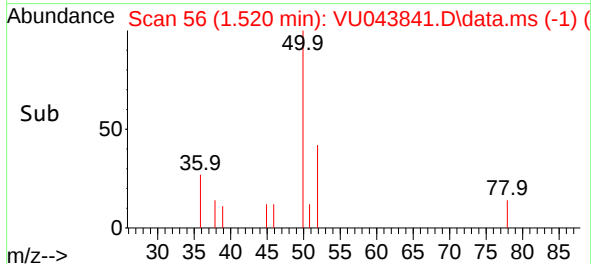
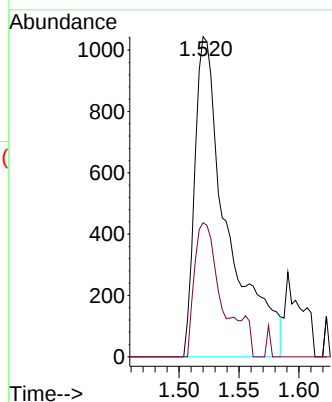
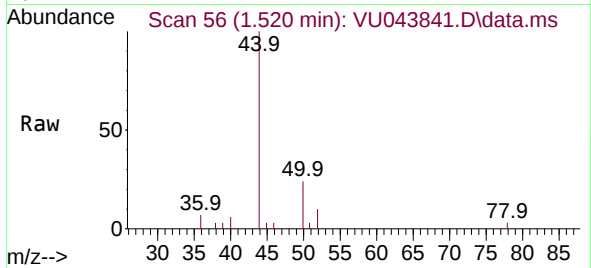




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

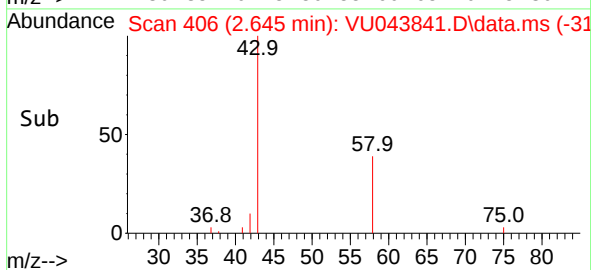
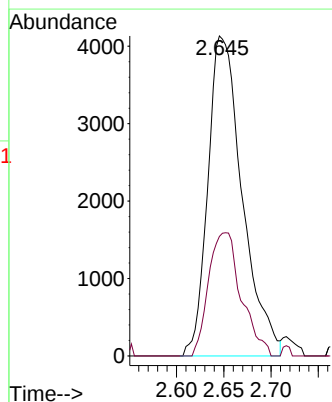
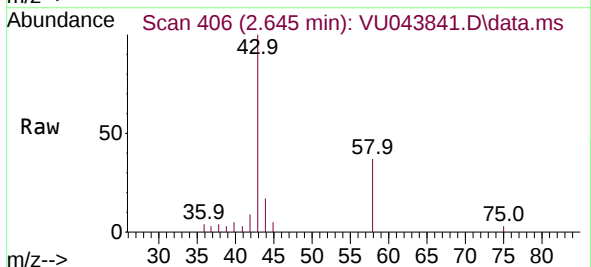
Instrument :
MSVOA_U
ClientSampled :
GB3Z0

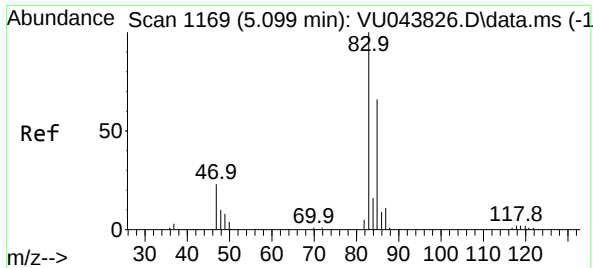
Tgt Ion: 50 Resp: 1979
Ion Ratio Lower Upper
50 100
52 41.9 23.2 43.2



#13
Acetone
Concen: 5.45 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.007 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion: 43 Resp: 10438
Ion Ratio Lower Upper
43 100
58 36.6 0.0 71.6



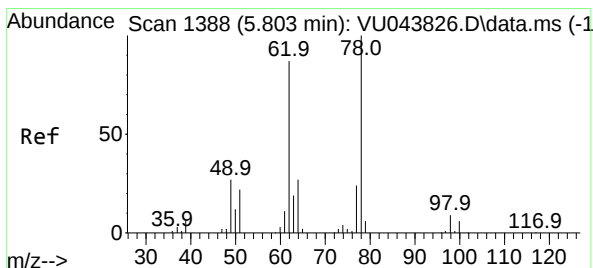
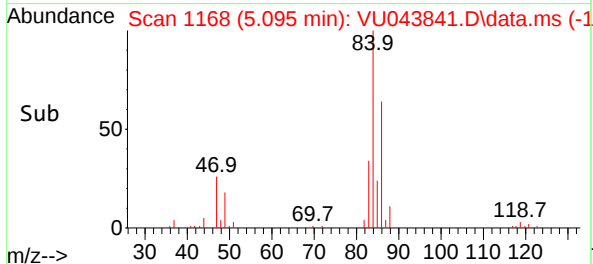
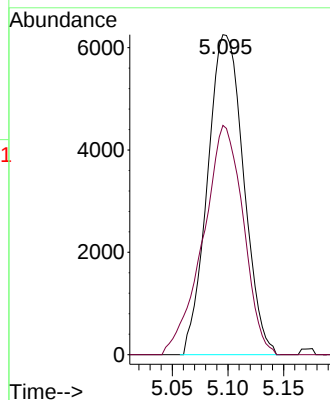
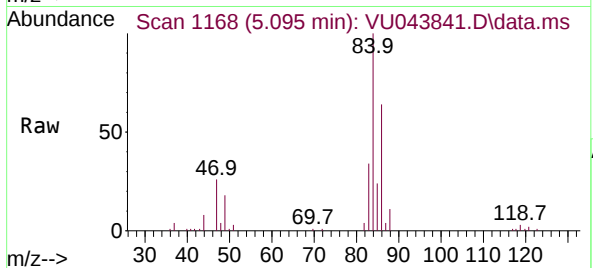


#25

Chloroform
Concen: 0.53 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

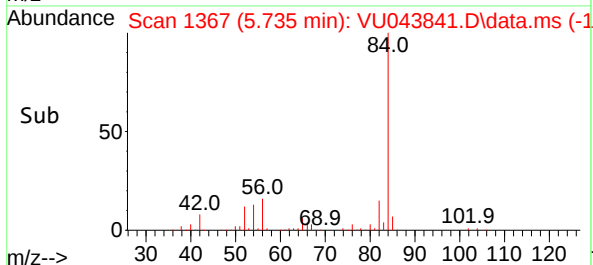
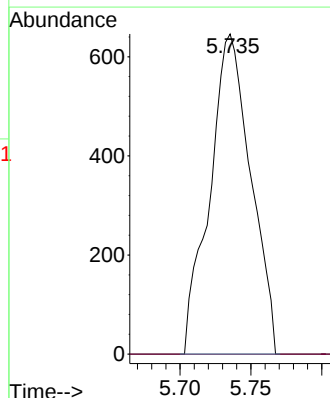
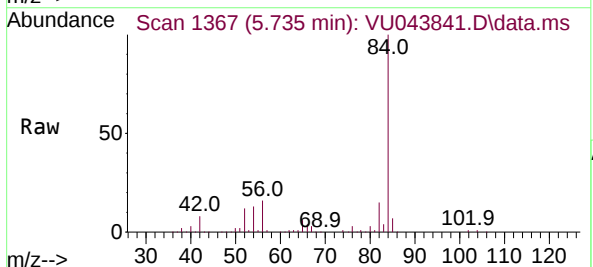
Tgt Ion: 83 Resp: 14060
Ion Ratio Lower Upper
83 100
85 71.6 45.0 83.6

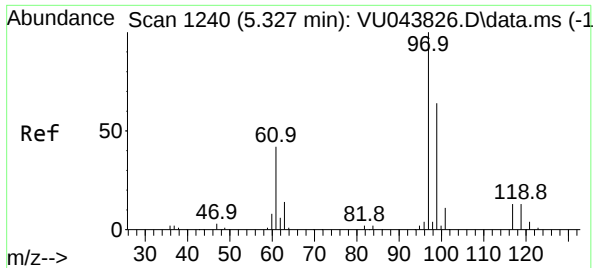


#27

1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion: 62 Resp: 1305
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#

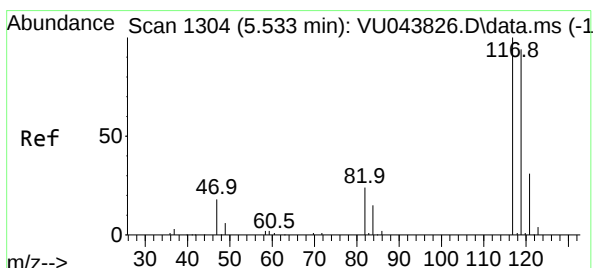
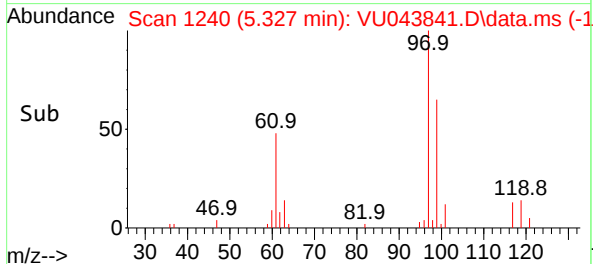
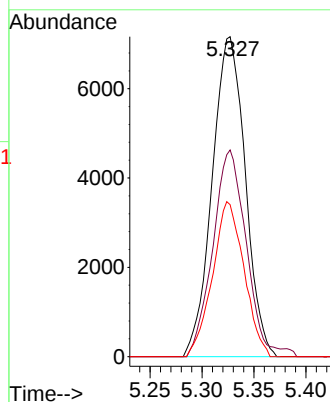
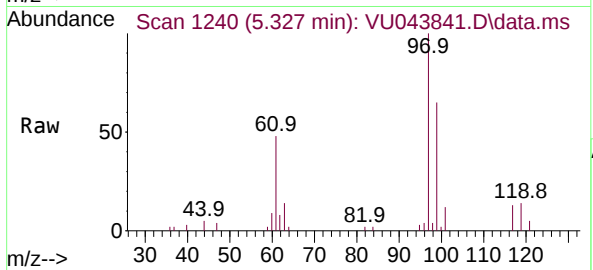




#29
1,1,1-Trichloroethane
Concen: 0.69 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

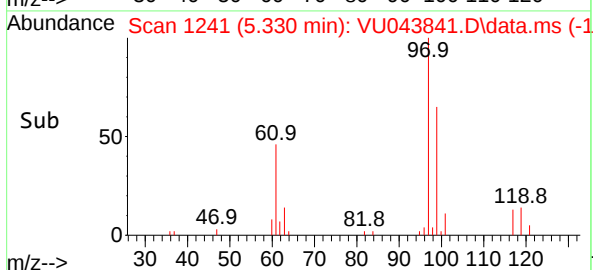
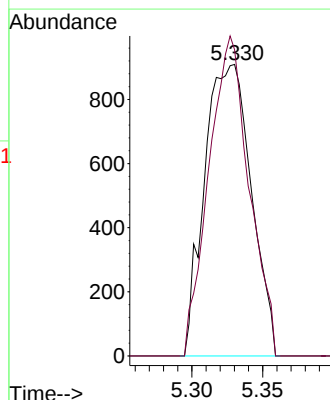
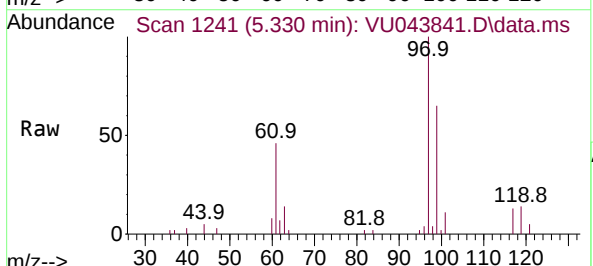
Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

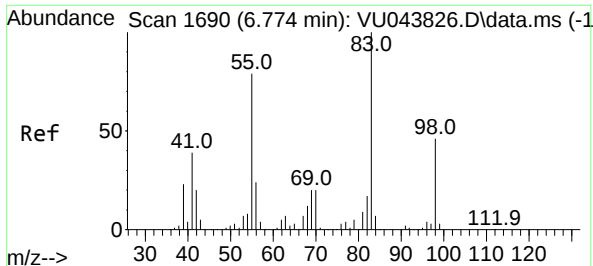
Tgt Ion:	97	Resp:	15876
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	46.1	37.0	55.4



#31
Carbon tetrachloride
Concen: 0.11 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. -0.203 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion:	117	Resp:	2084
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0





#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.077 min

Lab File: VU043841.D

Acq: 19 May 2021 21:03

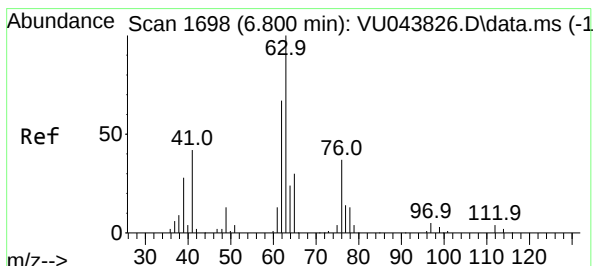
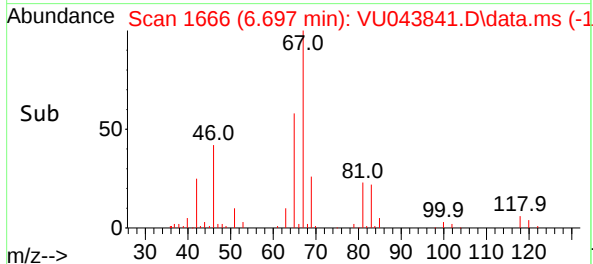
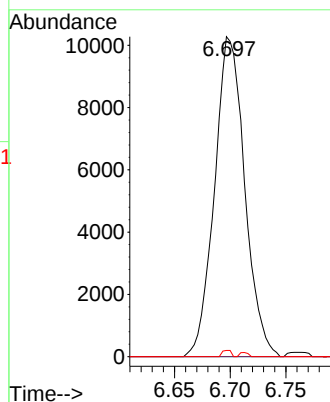
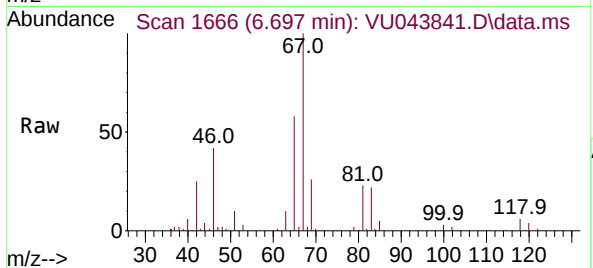
Instrument :

MSVOA_U

ClientSampleId :

GB3Z0

Tgt Ion: 83	Resp: 19402
Ion Ratio	Lower Upper
83 100	
55 0.0	64.8 97.2#
98 0.6	35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

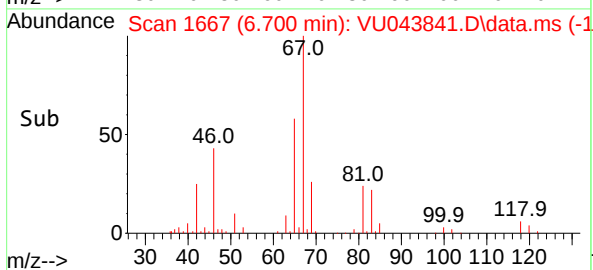
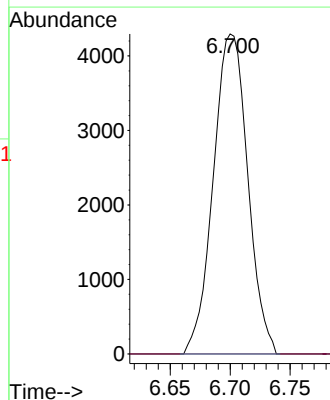
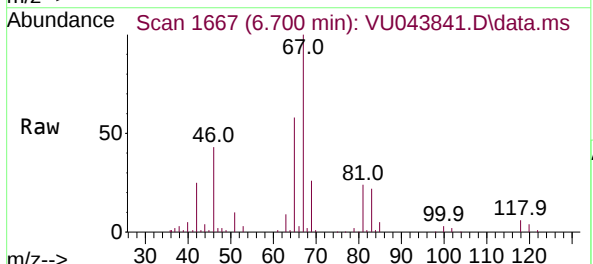
RT: 6.700 min Scan# 1667

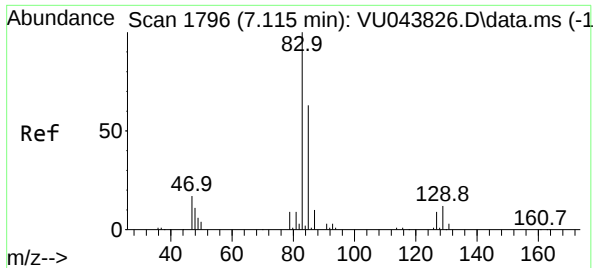
Delta R.T. -0.100 min

Lab File: VU043841.D

Acq: 19 May 2021 21:03

Tgt Ion: 63	Resp: 8590
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#

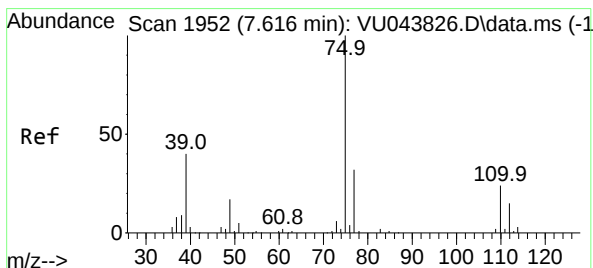
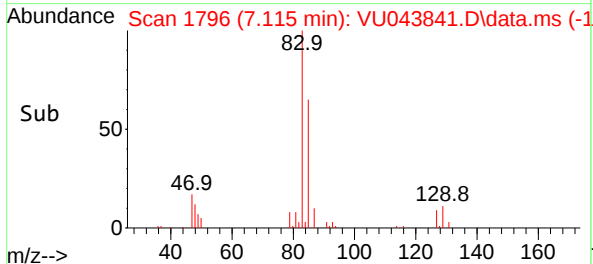
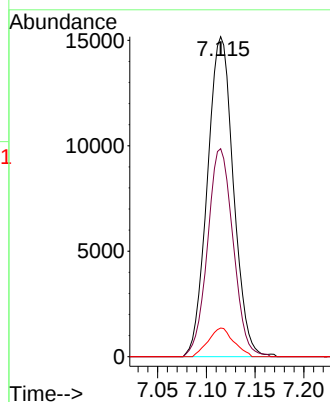
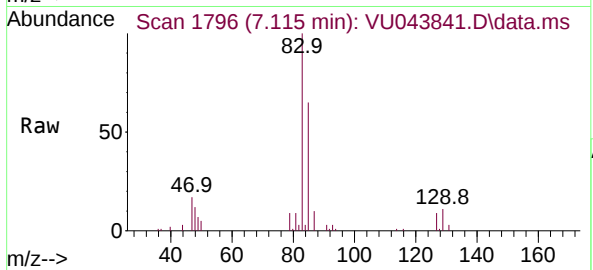




#38
Bromodichloromethane
Concen: 1.45 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

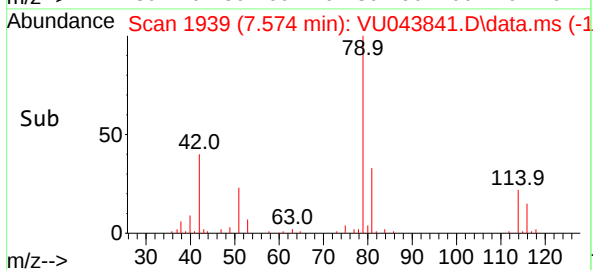
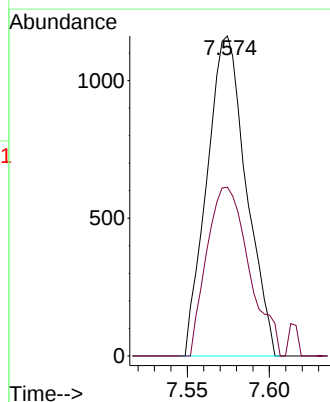
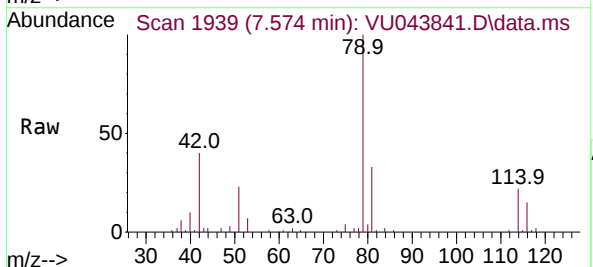
Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

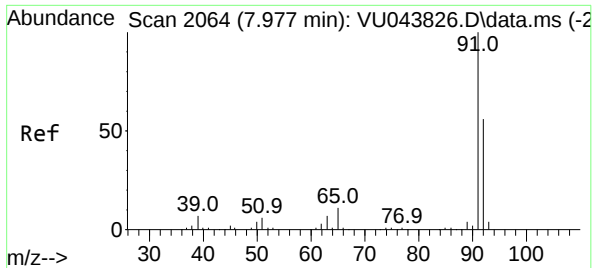
Tgt Ion:	83	Resp:	28220
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.6	82.8
127	9.0	7.0	10.4



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion:	75	Resp:	1931
Ion	Ratio	Lower	Upper
75	100		
77	52.8	22.5	41.7#

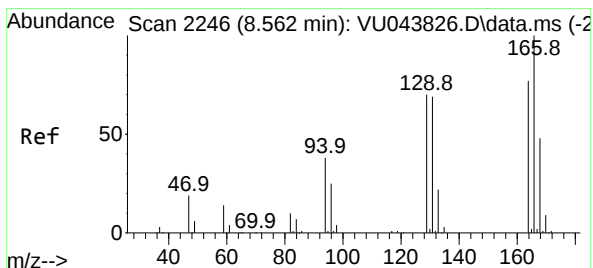
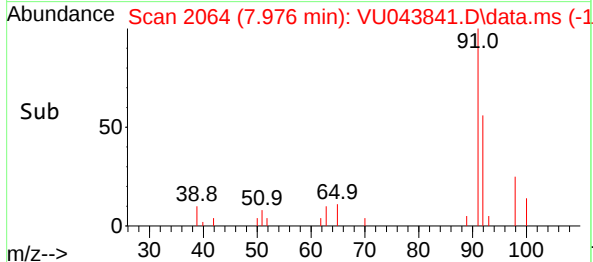
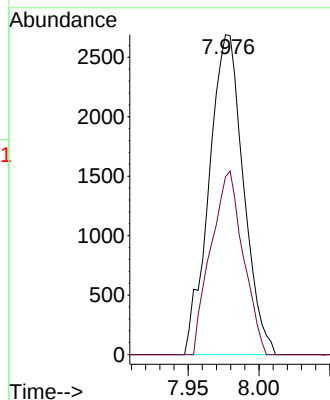
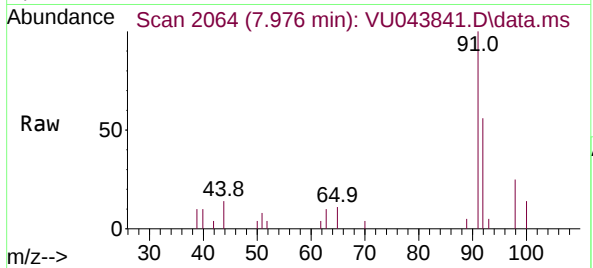




#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

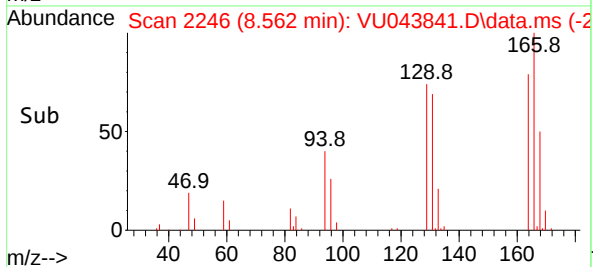
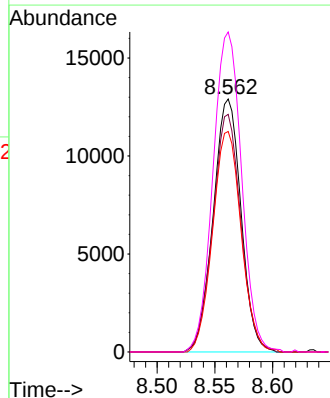
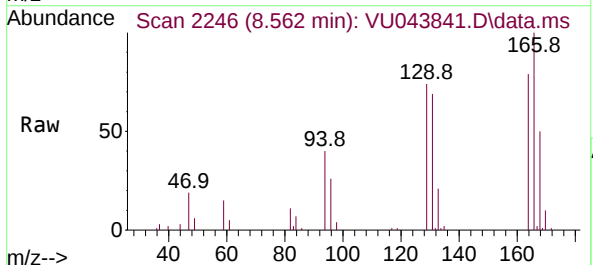
Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

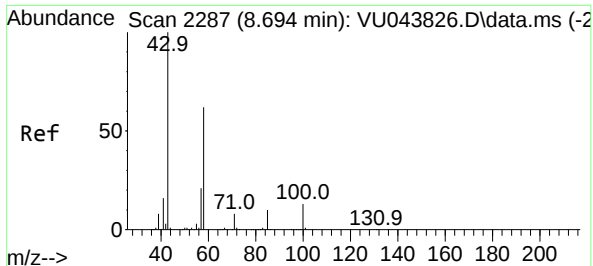
Tgt Ion: 91 Resp: 4541
Ion Ratio Lower Upper
91 100
92 55.5 40.3 74.8



#47
Tetrachloroethene
Concen: 1.64 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion: 164 Resp: 21603
Ion Ratio Lower Upper
164 100
129 94.0 64.1 119.1
131 87.1 61.2 113.8
166 126.5 87.8 163.2

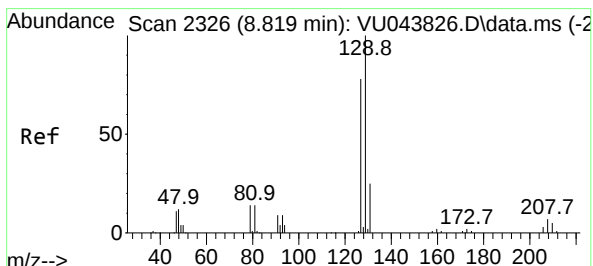
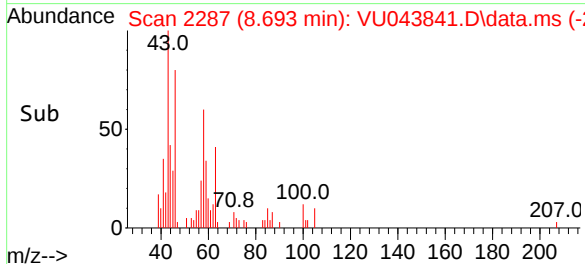
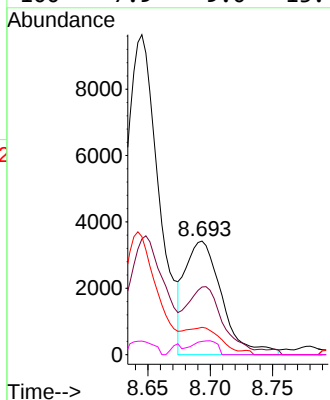
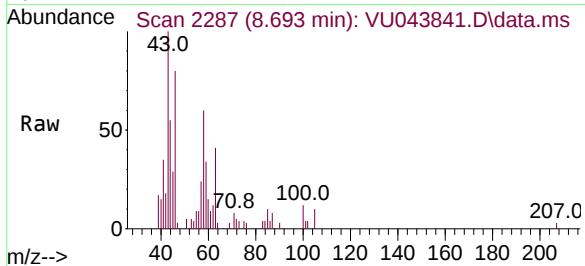




#48
2-Hexanone
Concen: 0.89 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

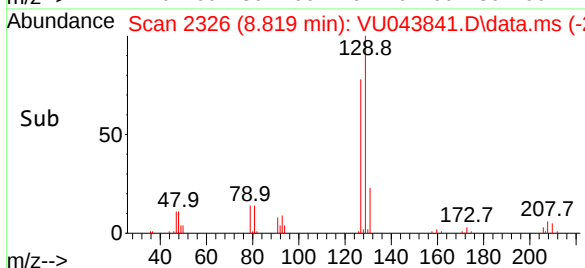
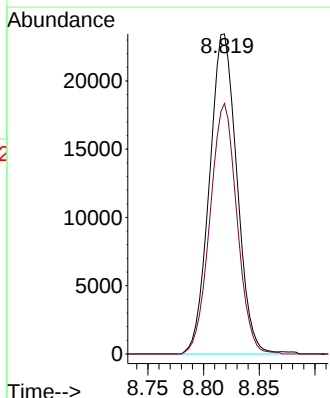
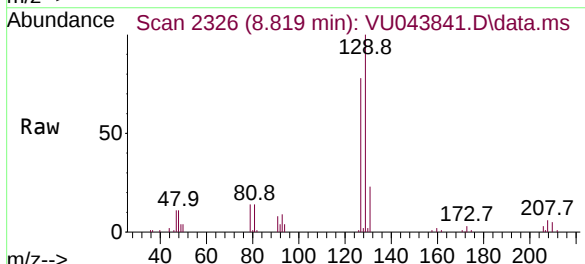
Instrument :
MSVOA_U
ClientSampleId :
GB3Z0

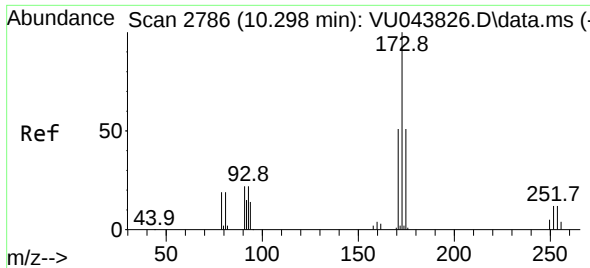
Tgt Ion:	43	Resp:	7001
Ion	Ratio	Lower	Upper
43	100		
58	53.9	47.0	70.4
57	0.0	15.8	23.8#
100	7.9	9.0	13.4#



#49
Dibromochloromethane
Concen: 3.01 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

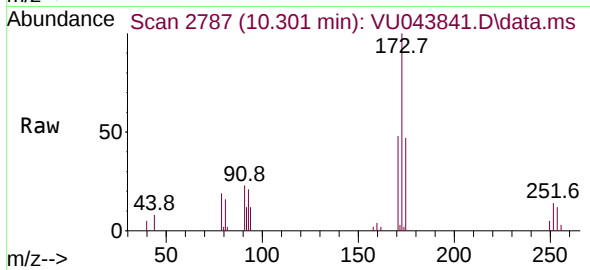
Tgt Ion:	129	Resp:	40194
Ion	Ratio	Lower	Upper
129	100		
127	78.3	53.4	99.2



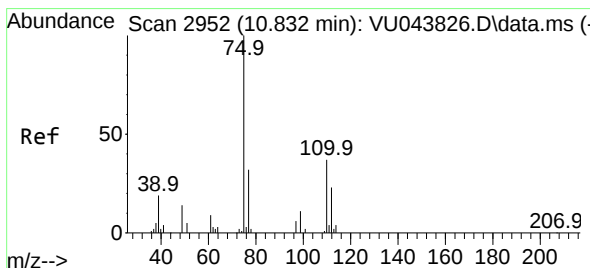
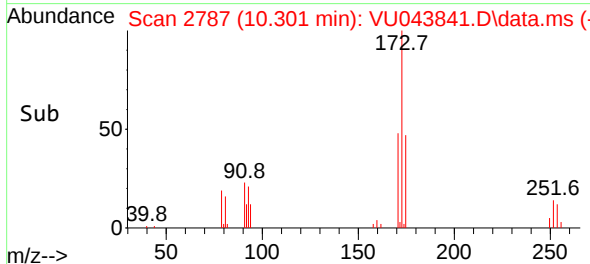
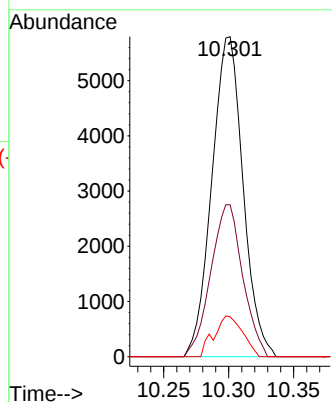


#59
Bromoform
Concen: 1.40 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Instrument :
MSVOA_U
ClientSampleId :
GB3Z0



Tgt Ion:173 Resp: 9679
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 11.6 9.4 14.2



#61
1,2,3-Trichloropropane
Concen: 1.12 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU043841.D
Acq: 19 May 2021 21:03

Tgt Ion: 75 Resp: 10947
Ion Ratio Lower Upper
75 100
110 2.0 27.9 41.9#
77 31.9 25.9 38.9

