

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043835.D
 Acq On : 19 May 2021 18:37
 Operator : SY/MD
 Sample : M2464-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6

Quant Time: May 20 03:56:57 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	217559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	221688	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	101935	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39311	2.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.00%
7) Chloroethane-d5	1.915	69	43438	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.571	65	6286	0.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	18.80%#
20) 2-Butanone-d5	4.639	46	187436	61.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.90%
24) Chloroform-d	5.073	84	128574	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.710	65	65646	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	259180	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.700	67	85370	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	197867	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloroprop...	8.188	79	29299	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.642	63	148240	49.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69299	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	87554	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

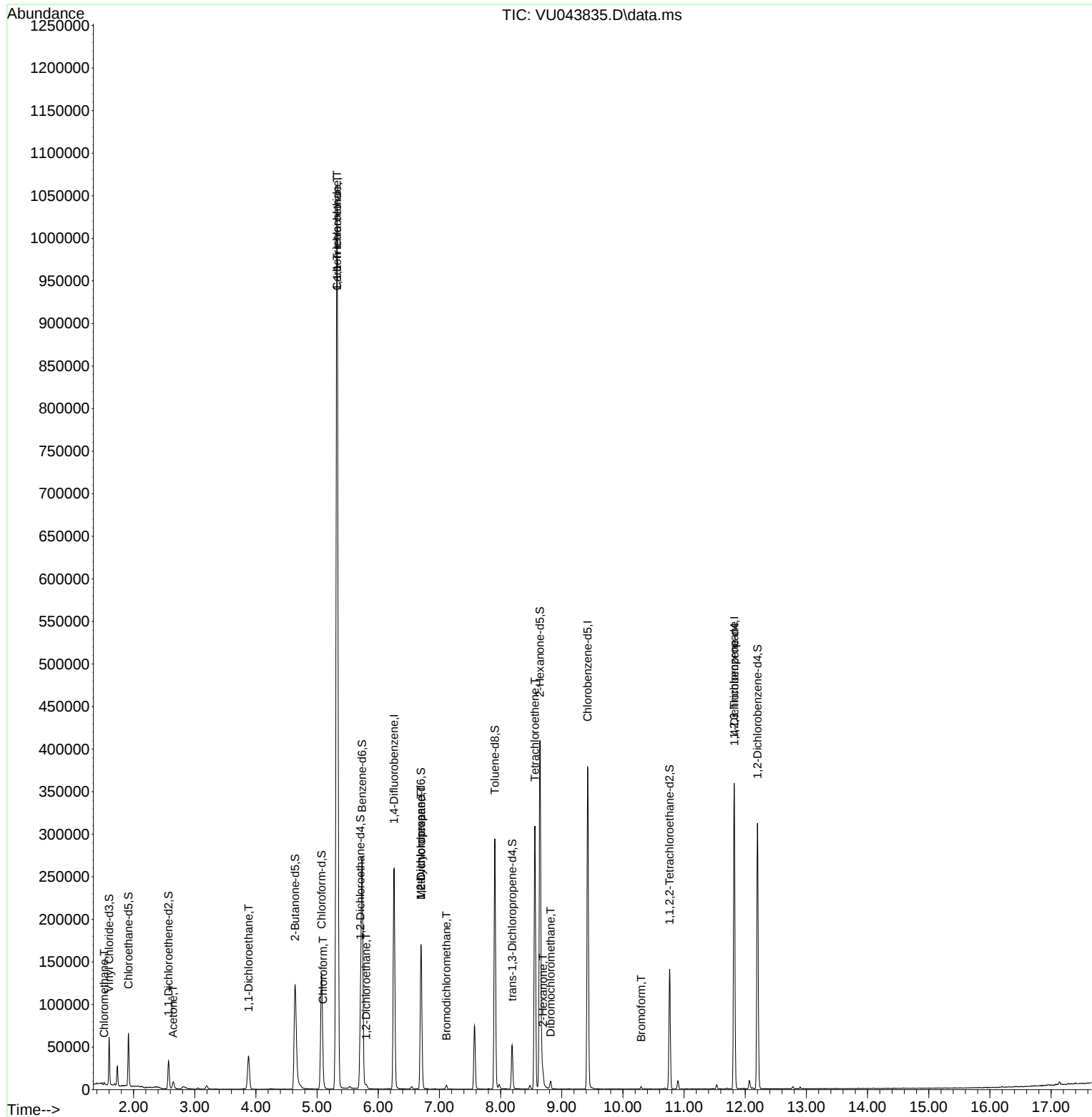
Target Compounds				Qvalue		
3) Chloromethane	1.520	50	1991	0.11	ug/L	90
13) Acetone	2.645	43	11404	5.89	ug/L	100
19) 1,1-Dichloroethane	3.880	63	44636	1.64	ug/L	98
25) Chloroform	5.095	83	5494	0.20	ug/L	93
27) 1,2-Dichloroethane	5.803	62	2959	0.18	ug/L #	91
29) 1,1,1-Trichloroethane	5.327	97	770510	33.33	ug/L	98
31) Carbon tetrachloride	5.327	117	107118	5.55	ug/L	99
35) Methylcyclohexane	6.700	83	19175	0.75	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8393	0.50	ug/L #	88
38) Bromodichloromethane	7.115	83	3409	0.17	ug/L	92
47) Tetrachloroethene	8.561	164	73646	5.54	ug/L	98
48) 2-Hexanone	8.693	43	6108	0.77	ug/L #	85
49) Dibromochloromethane	8.819	129	4877	0.36	ug/L	96
59) Bromoform	10.298	173	1376	0.20	ug/L #	92
61) 1,2,3-Trichloropropane	11.819	75	10642	1.09	ug/L #	70

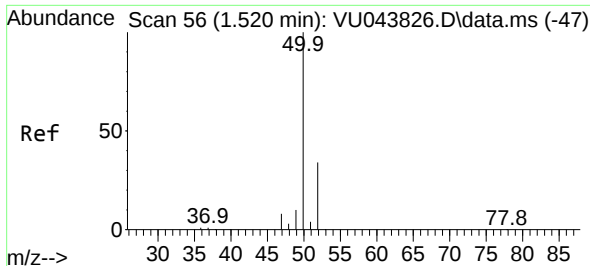
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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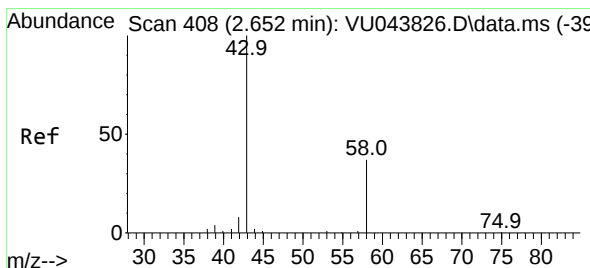
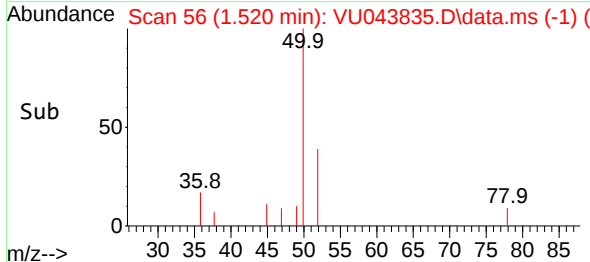
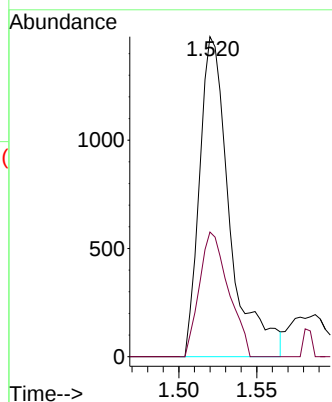
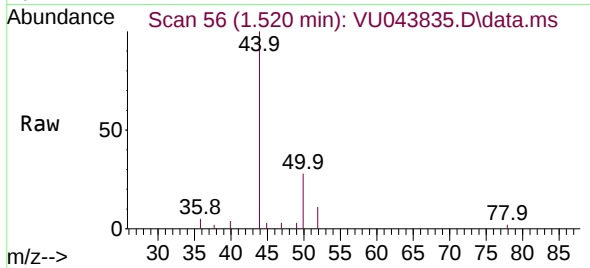




#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

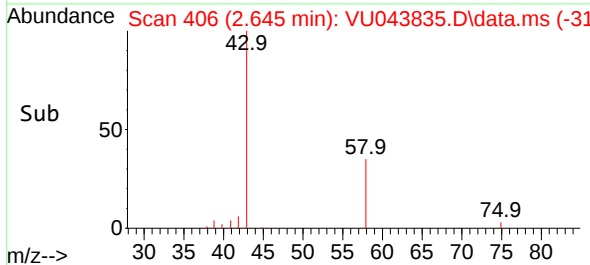
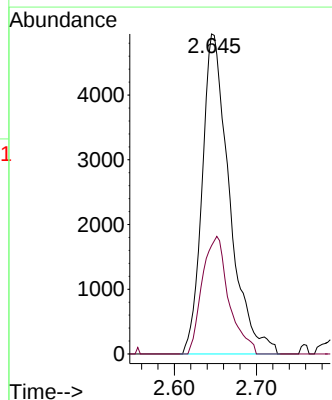
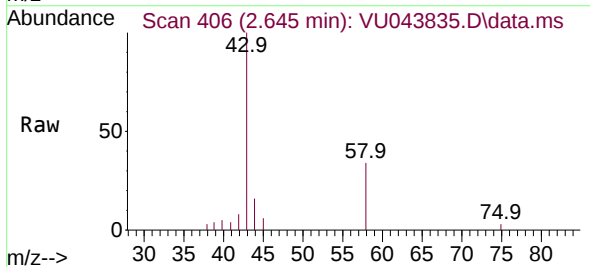
Instrument :
MSVOA_U
ClientSampled :
GB3Y6

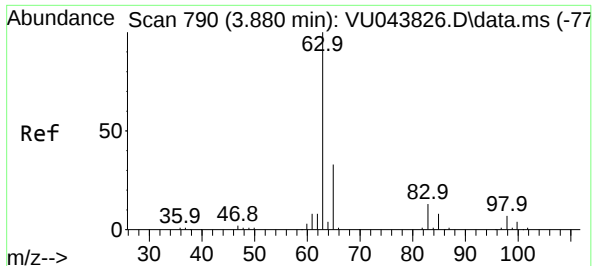
Tgt Ion: 50 Resp: 1991
Ion Ratio Lower Upper
50 100
52 39.0 23.2 43.2



#13
Acetone
Concen: 5.89 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.007 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Tgt Ion: 43 Resp: 11404
Ion Ratio Lower Upper
43 100
58 35.9 0.0 71.6





#19

1,1-Dichloroethane

Concen: 1.64 ug/L

RT: 3.880 min Scan# 790

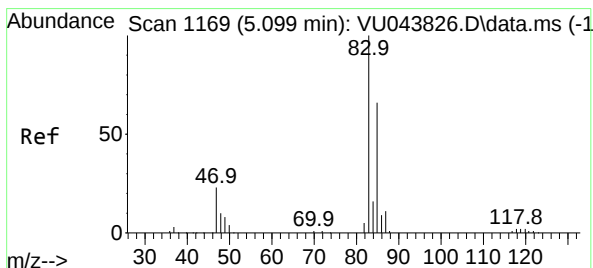
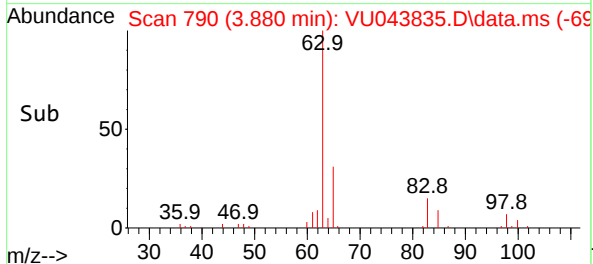
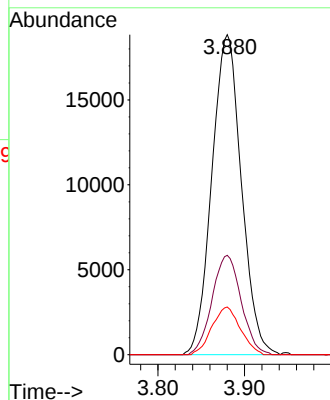
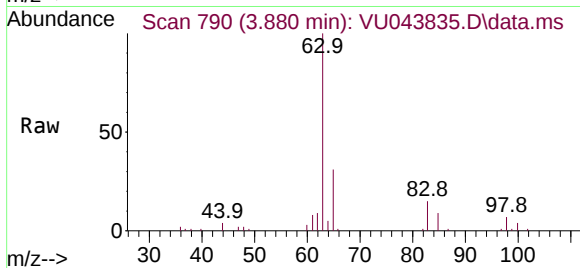
Delta R.T. -0.000 min

Lab File: VU043835.D

Acq: 19 May 2021 18:37

Tgt Ion:	63	Resp:	44636
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.3
83	14.9	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6



#25

Chloroform

Concen: 0.20 ug/L

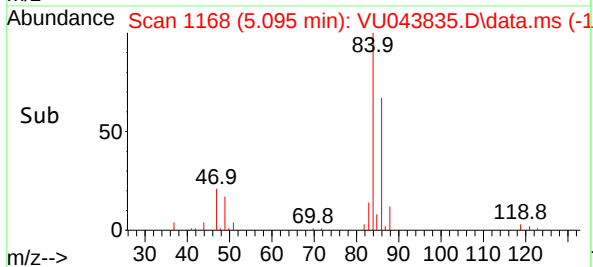
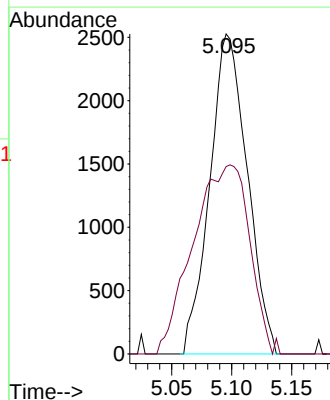
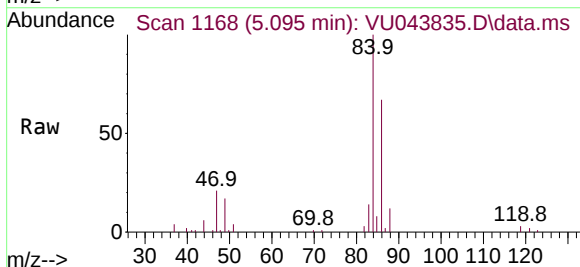
RT: 5.095 min Scan# 1168

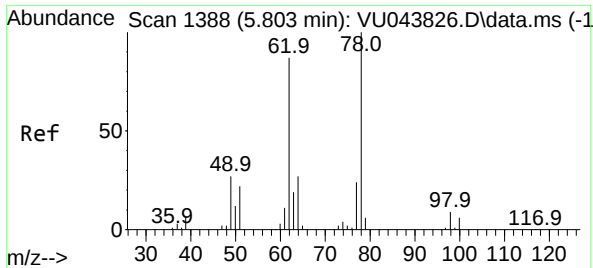
Delta R.T. -0.003 min

Lab File: VU043835.D

Acq: 19 May 2021 18:37

Tgt Ion:	83	Resp:	5494
Ion	Ratio	Lower	Upper
83	100		
85	58.6	45.0	83.6

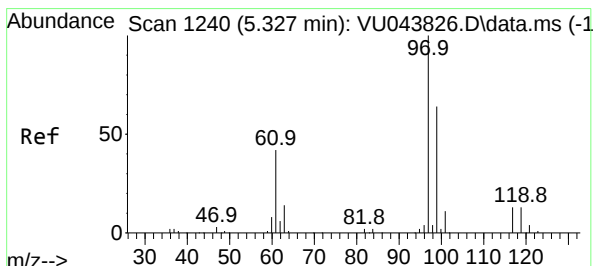
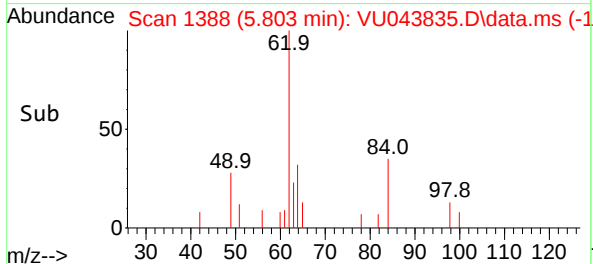
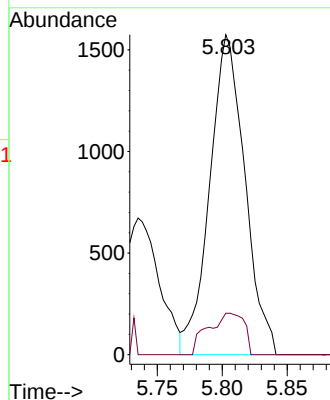
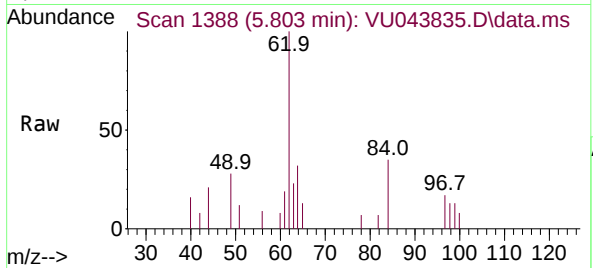




#27
1,2-Dichloroethane
Concen: 0.18 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

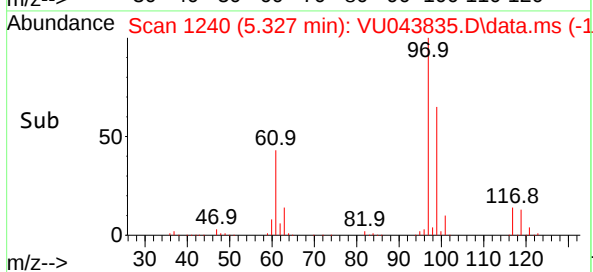
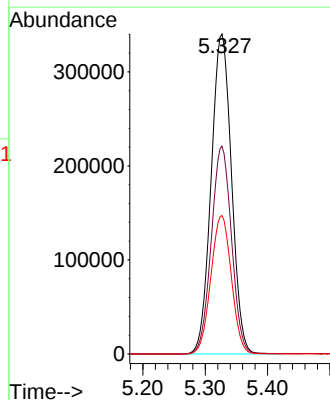
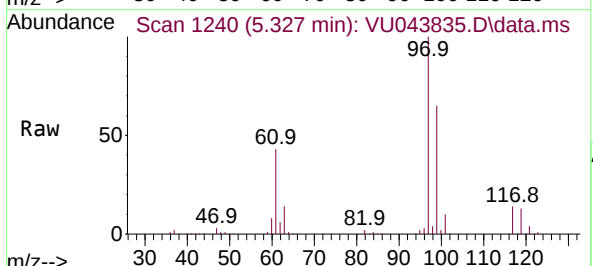
Instrument :
MSVOA_U
ClientSampled :
GB3Y6

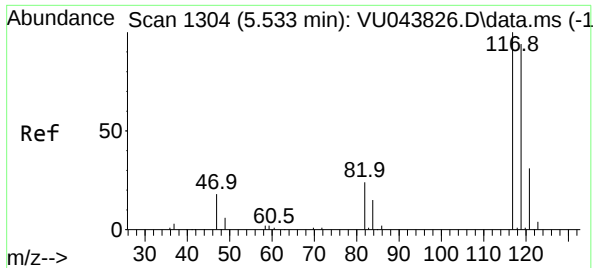
Tgt Ion: 62 Resp: 2959
Ion Ratio Lower Upper
62 100
98 13.0 7.7 11.5#



#29
1,1,1-Trichloroethane
Concen: 33.33 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Tgt Ion: 97 Resp: 770510
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 43.5 37.0 55.4

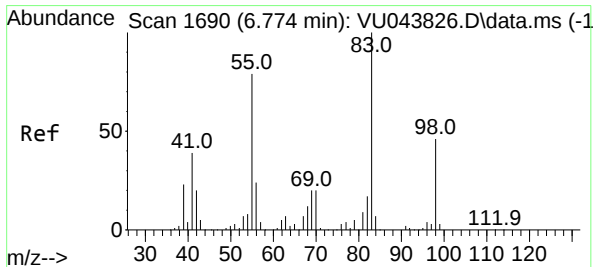
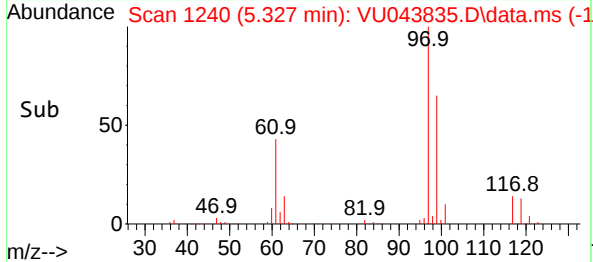
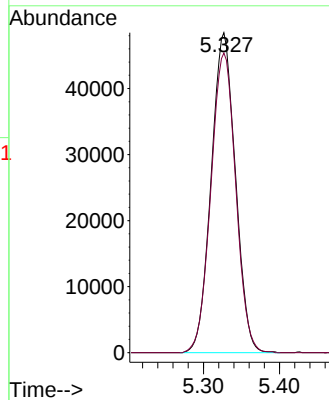
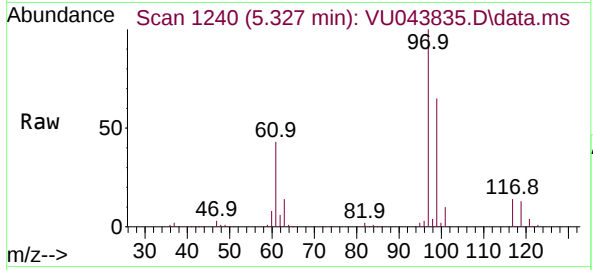




#31
Carbon tetrachloride
Concen: 5.55 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.206 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

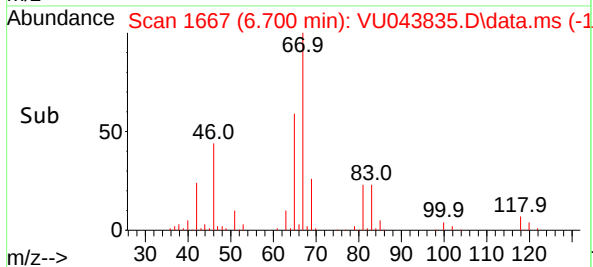
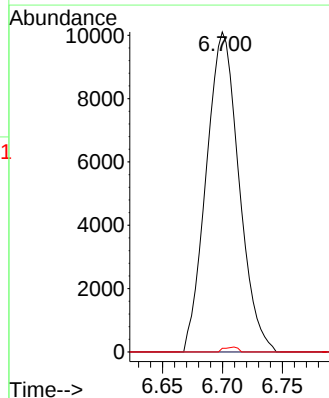
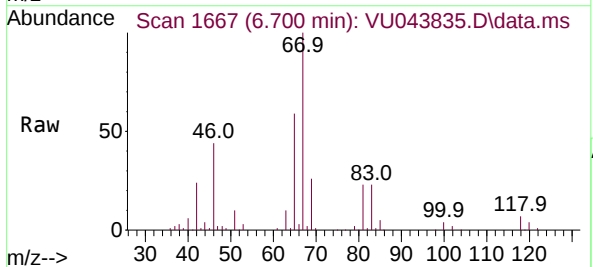
Instrument :
MSVOA_U
ClientSampleId :
GB3Y6

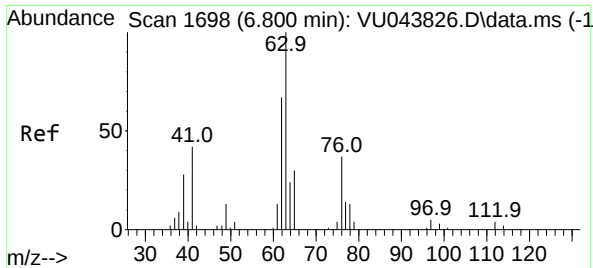
Tgt Ion:117 Resp: 107118
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0



#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Tgt Ion: 83 Resp: 19175
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.6 35.9 53.9#



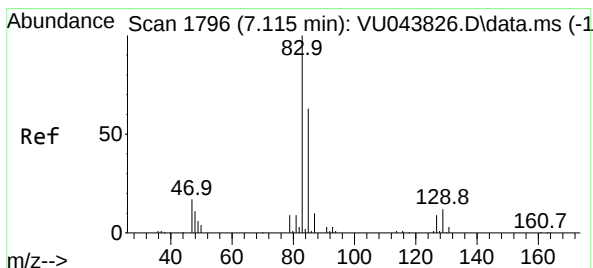
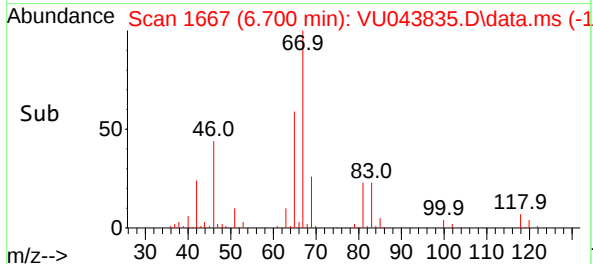
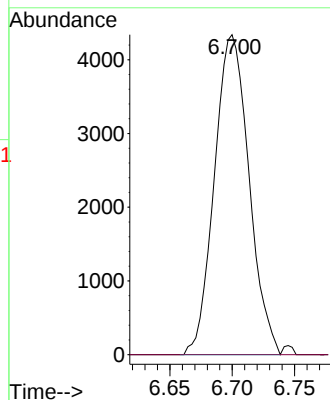
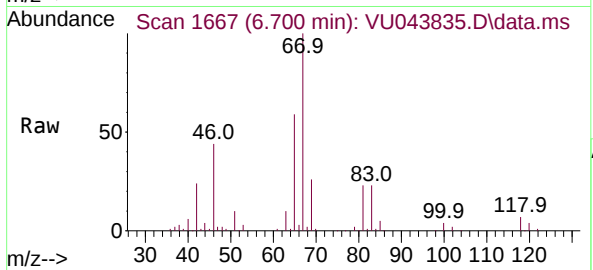


#37

1,2-Dichloropropane
Concen: 0.50 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Instrument :
MSVOA_U
ClientSampleId :
GB3Y6

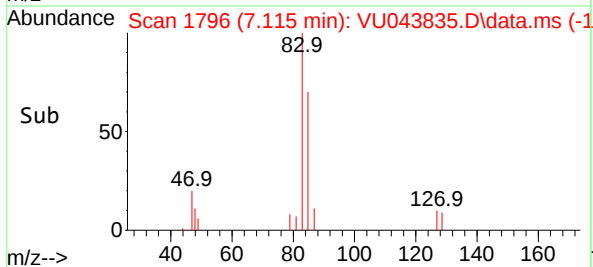
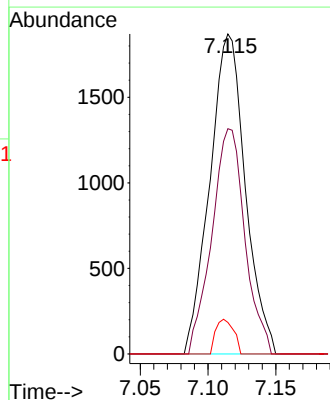
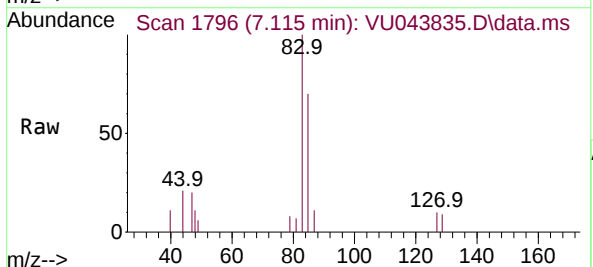
Tgt Ion: 63 Resp: 8393
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

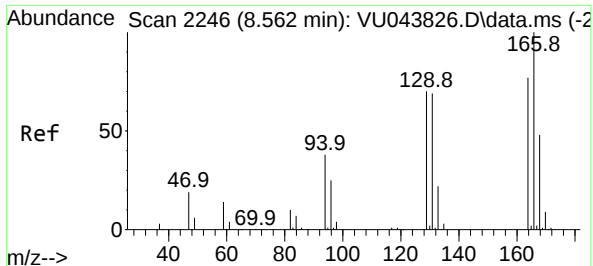


#38

Bromodichloromethane
Concen: 0.17 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Tgt Ion: 83 Resp: 3409
Ion Ratio Lower Upper
83 100
85 70.4 44.6 82.8
127 9.8 7.0 10.4



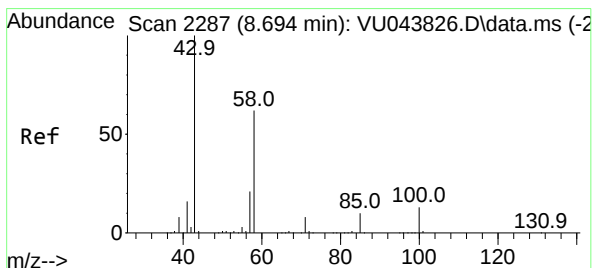
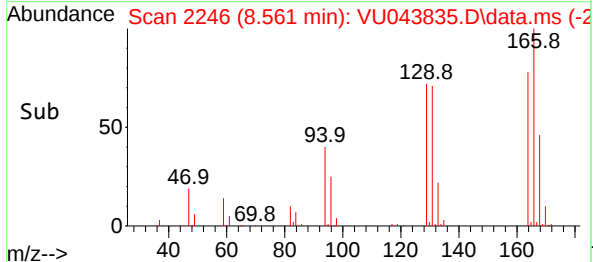
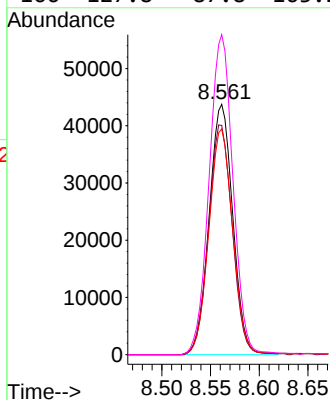
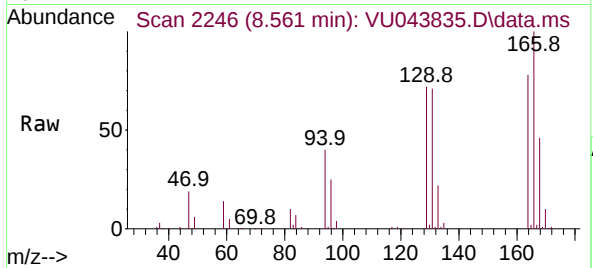


#47
Tetrachloroethene
Concen: 5.54 ug/L
RT: 8.561 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 73646

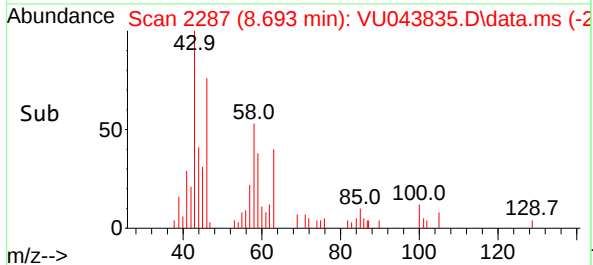
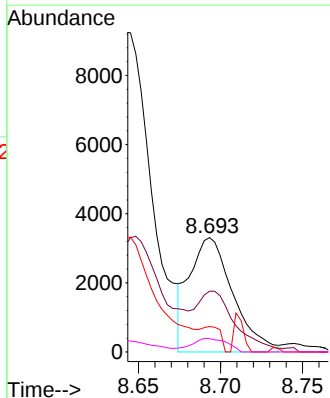
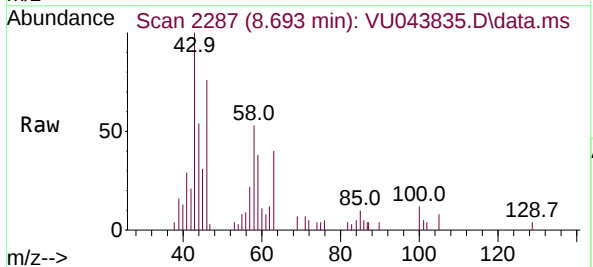
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.1	119.1
131	90.2	61.2	113.8
166	127.8	87.8	163.2

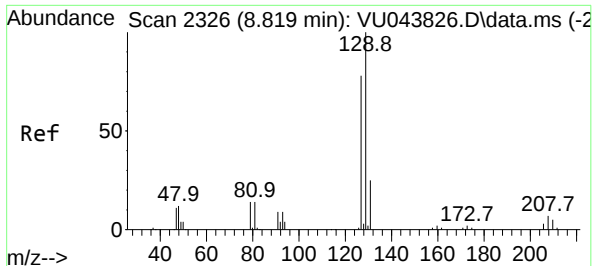


#48
2-Hexanone
Concen: 0.77 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043835.D
Acq: 19 May 2021 18:37

Tgt Ion: 43 Resp: 6108

Ion	Ratio	Lower	Upper
43	100		
58	48.6	47.0	70.4
57	8.8	15.8	23.8#
100	9.8	9.0	13.4





#49

Dibromochloromethane

Concen: 0.36 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VU043835.D

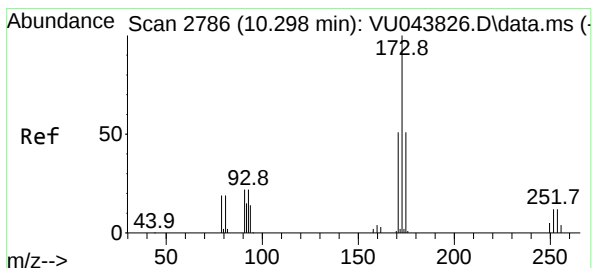
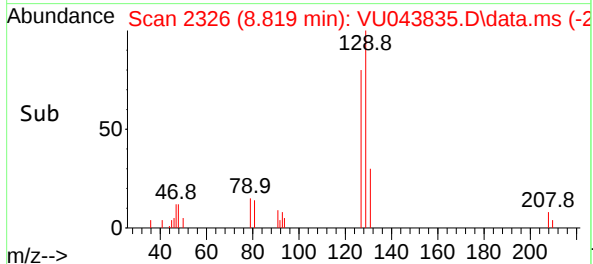
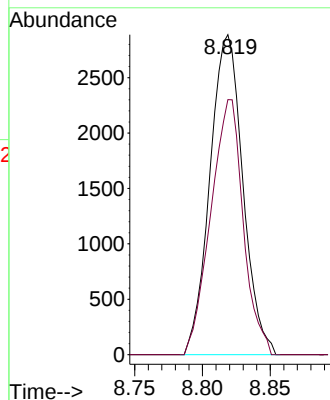
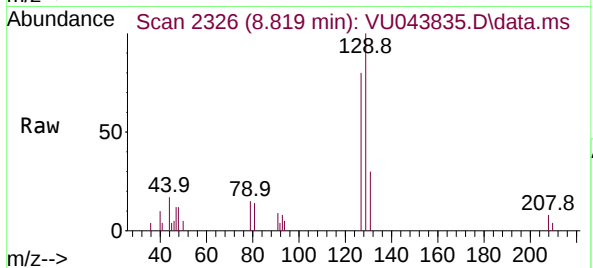
Acq: 19 May 2021 18:37

Tgt Ion:129 Resp: 4877

Ion Ratio Lower Upper

129 100

127 79.7 53.4 99.2



#59

Bromoform

Concen: 0.20 ug/L

RT: 10.298 min Scan# 2786

Delta R.T. -0.000 min

Lab File: VU043835.D

Acq: 19 May 2021 18:37

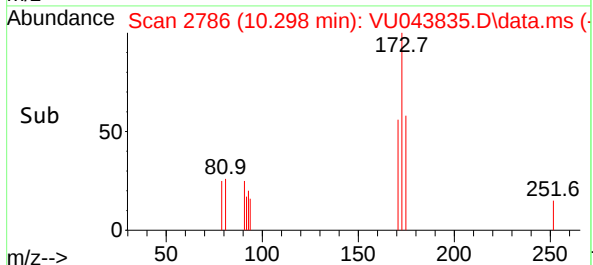
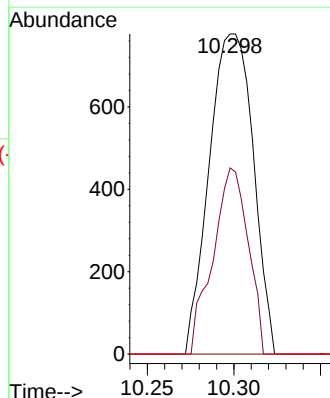
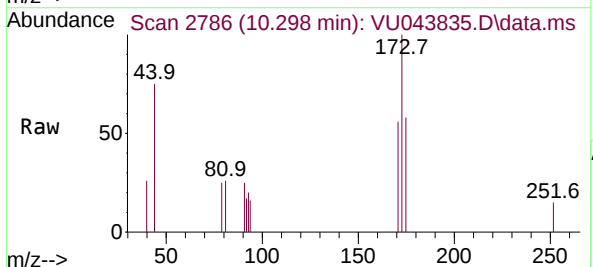
Tgt Ion:173 Resp: 1376

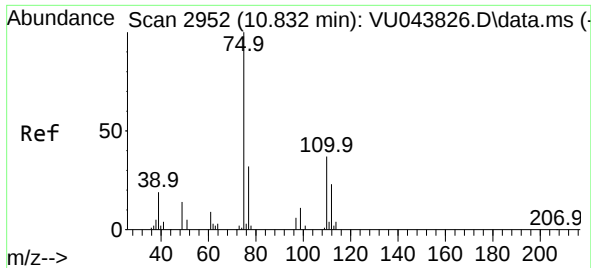
Ion Ratio Lower Upper

173 100

175 46.6 38.8 58.2

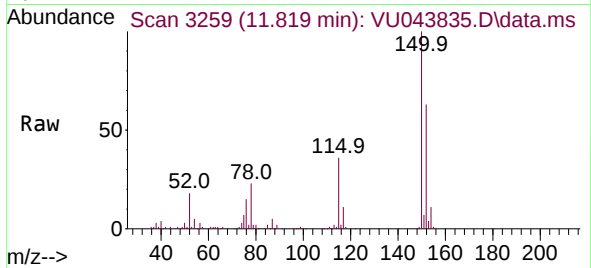
254 0.0 9.4 14.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.09 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU043835.D
 Acq: 19 May 2021 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.9	27.9	41.9#
77	31.9	25.9	38.9

