

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043857.D
 Acq On : 20 May 2021 12:02
 Operator : SY/MD
 Sample : M2464-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Z3

Quant Time: May 21 01:17:31 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)

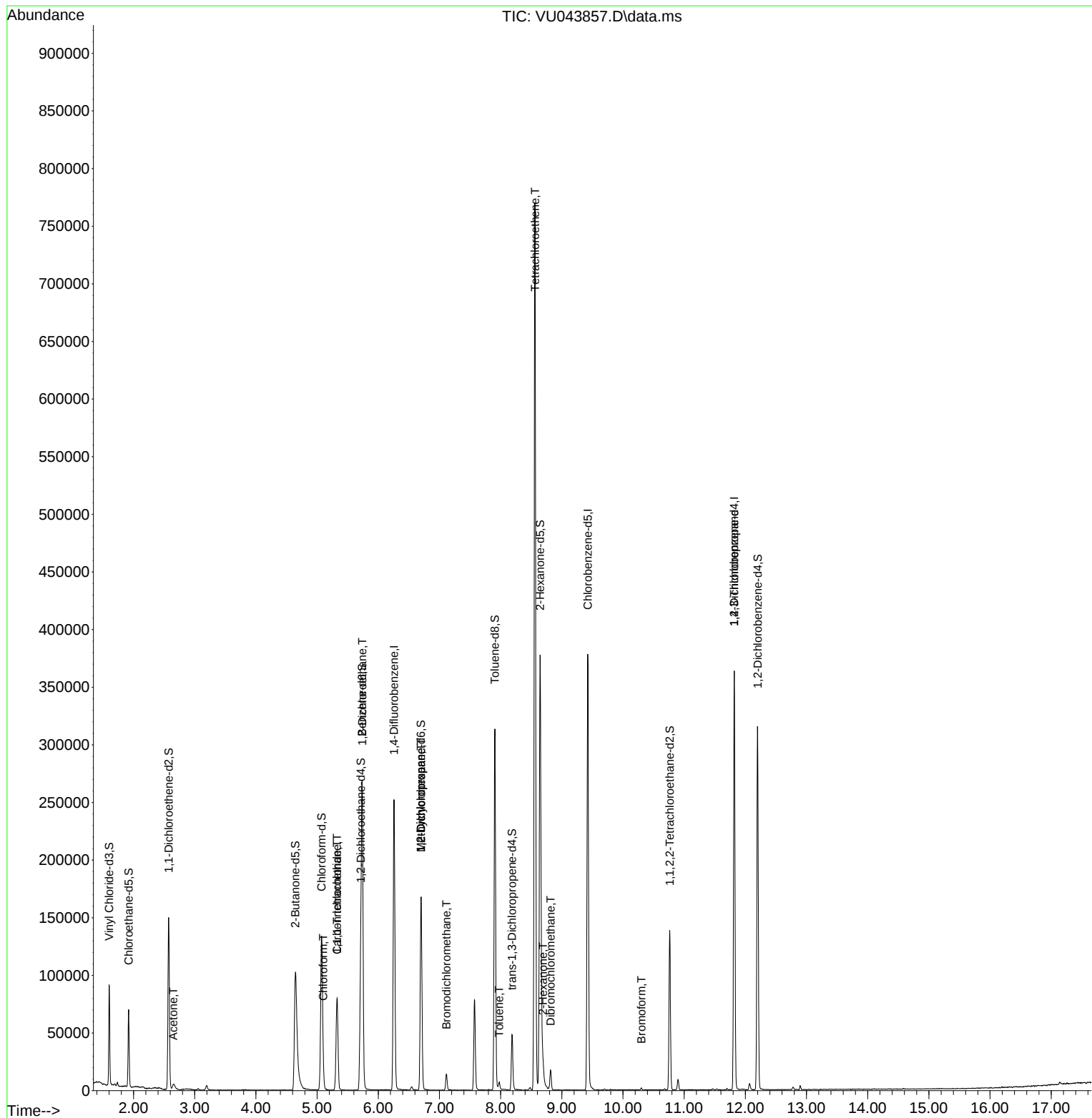
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	206583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	220437	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103074	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62085	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.919	69	46563	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.575	65	27323	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.646	46	180934	62.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.94%
24) Chloroform-d	5.073	84	126876	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.713	65	65562	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.736	84	258262	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	83884	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	212856	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloroprop...	8.186	79	28890	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.646	63	140197	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
56) 1,1,2,2-Tetrachloroeth...	10.765	84	69820	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
66) 1,2-Dichlorobenzene-d4	12.202	152	88315	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						Qvalue
13) Acetone	2.649	43	3684	2.00	ug/L #	1
25) Chloroform	5.099	83	9692	0.38	ug/L	94
27) 1,2-Dichloroethane	5.739	62	1304	0.08	ug/L #	74
29) 1,1,1-Trichloroethane	5.327	97	58703	2.55	ug/L	99
31) Carbon tetrachloride	5.324	117	7906	0.41	ug/L	98
35) Methylcyclohexane	6.700	83	19964	0.78	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8558	0.51	ug/L #	88
38) Bromodichloromethane	7.112	83	9481	0.49	ug/L	96
42) Toluene	7.977	91	4676	0.07	ug/L	93
47) Tetrachloroethene	8.562	164	184221	13.93	ug/L	97
48) 2-Hexanone	8.694	43	6535	0.83	ug/L #	82
49) Dibromochloromethane	8.816	129	9119	0.68	ug/L	98
59) Bromoform	10.302	173	873	0.13	ug/L #	78
61) 1,2,3-Trichloropropane	11.819	75	10742	1.09	ug/L #	70

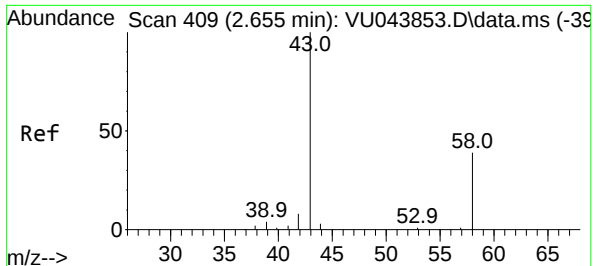
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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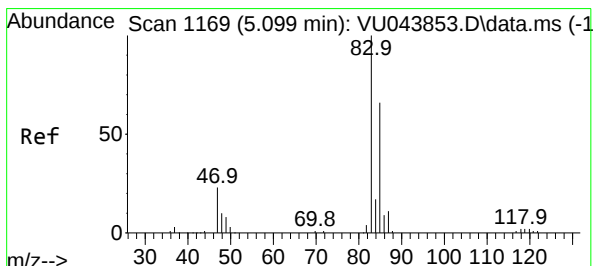
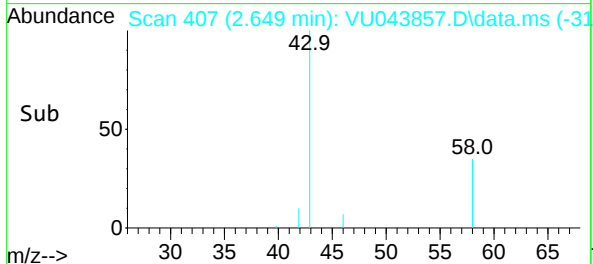
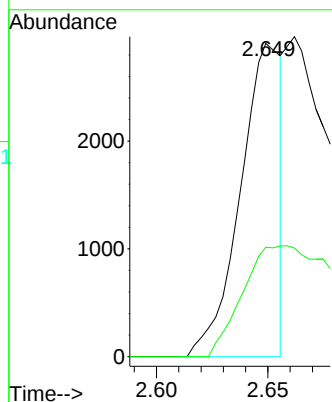
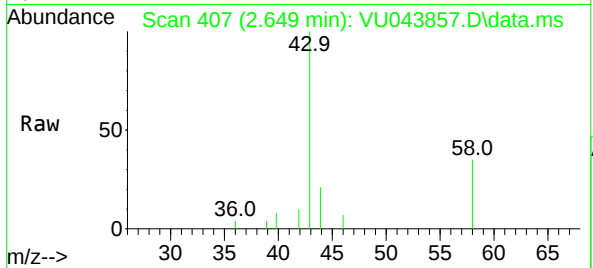




#13
Acetone
Concen: 2.00 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.006 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

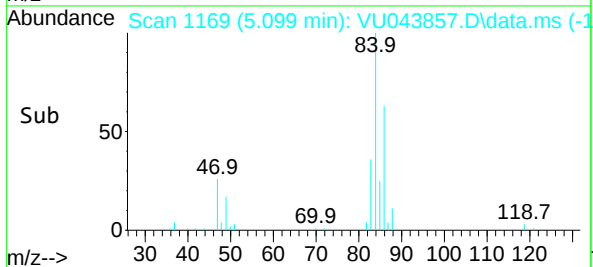
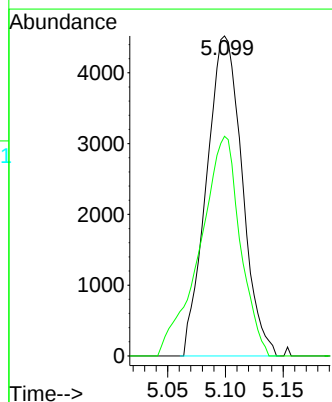
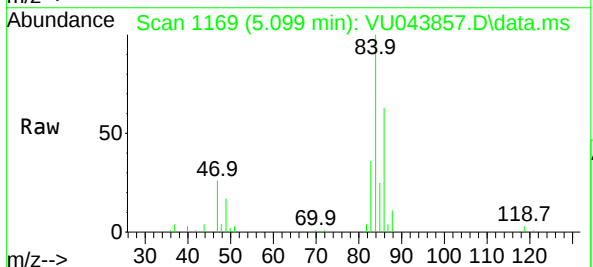
Instrument :
MSVOA_U
ClientSampled :
GB3Z3

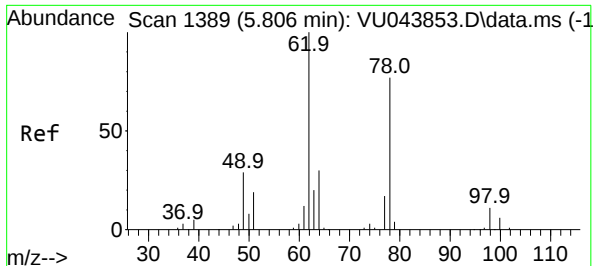
Tgt Ion: 43 Resp: 3684
Ion Ratio Lower Upper
43 100
58 95.1 0.0 71.6#



#25
Chloroform
Concen: 0.38 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 83 Resp: 9692
Ion Ratio Lower Upper
83 100
85 68.6 45.0 83.6

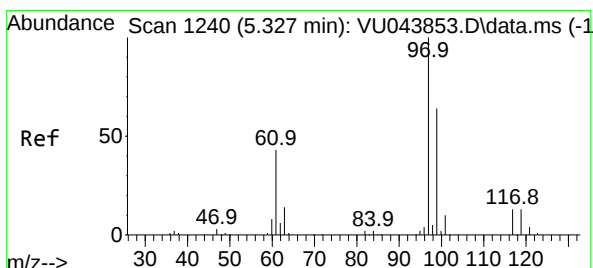
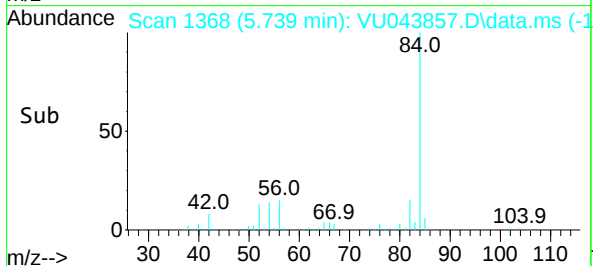
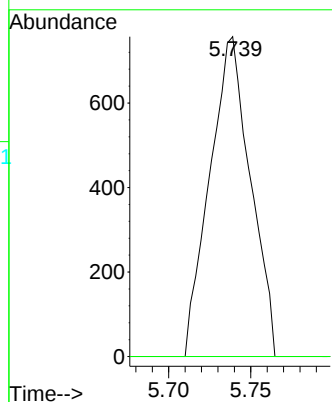
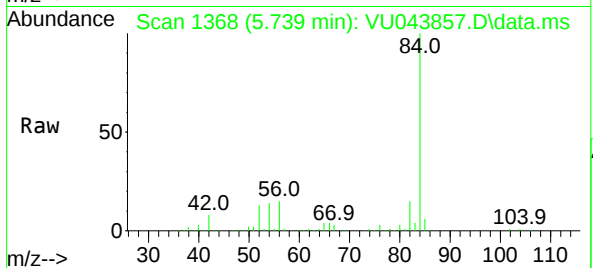




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.067 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

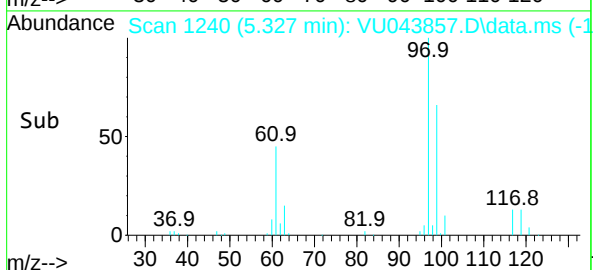
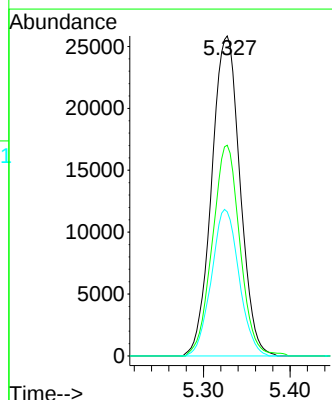
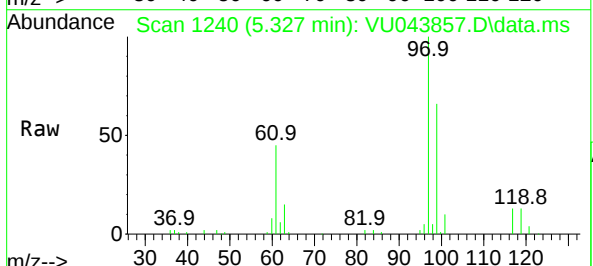
Instrument :
MSVOA_U
ClientSampleId :
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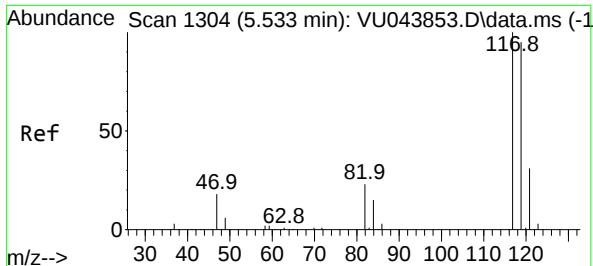
Tgt Ion: 62 Resp: 1304
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#29
1,1,1-Trichloroethane
Concen: 2.55 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 97 Resp: 58703
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 44.6 37.0 55.4

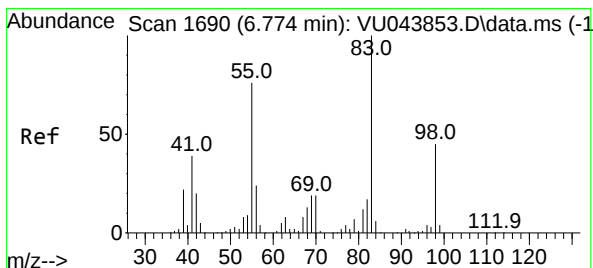
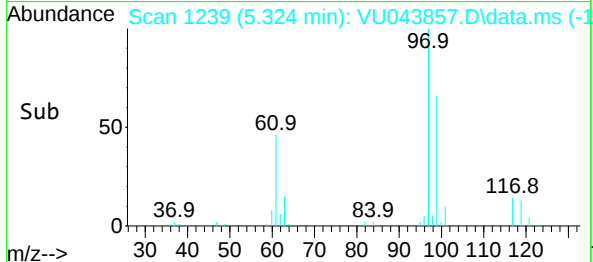
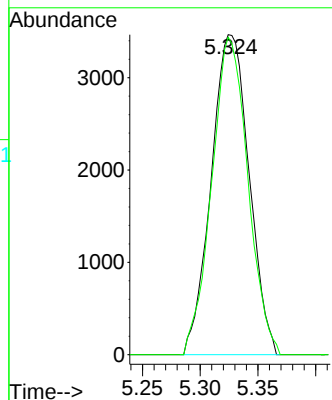
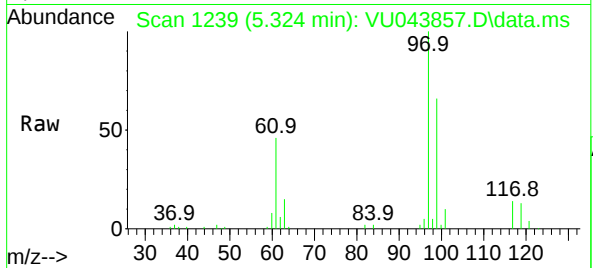




#31
Carbon tetrachloride
Concen: 0.41 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.209 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

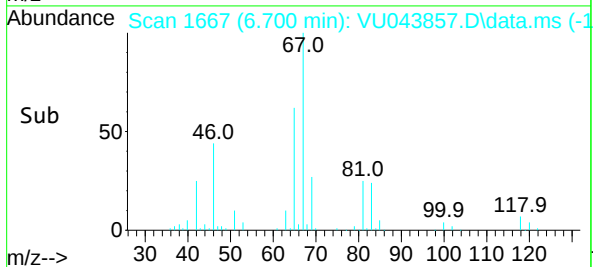
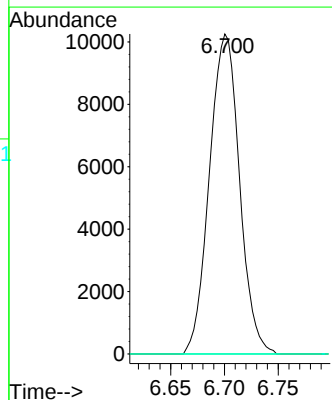
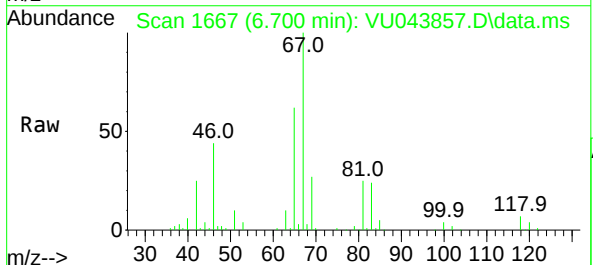
Instrument :
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ClientSampled :
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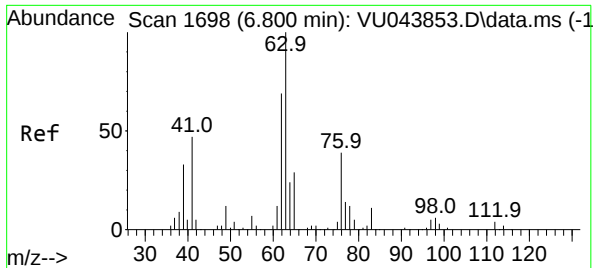
Tgt Ion:117 Resp: 7906
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0



#35
Methylcyclohexane
Concen: 0.78 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 83 Resp: 19964
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.1 35.9 53.9#

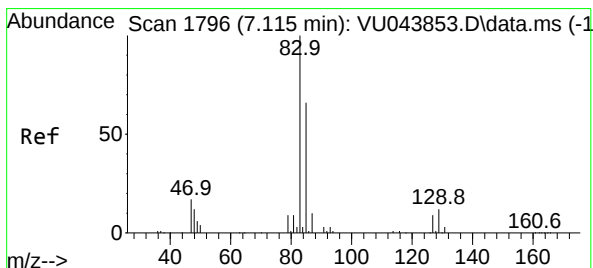
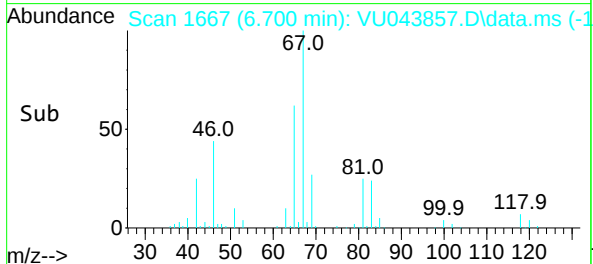
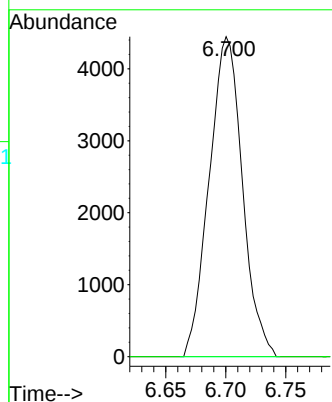
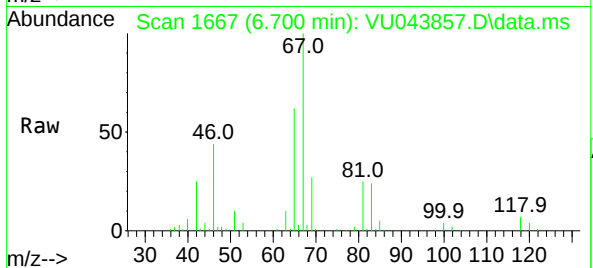




#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

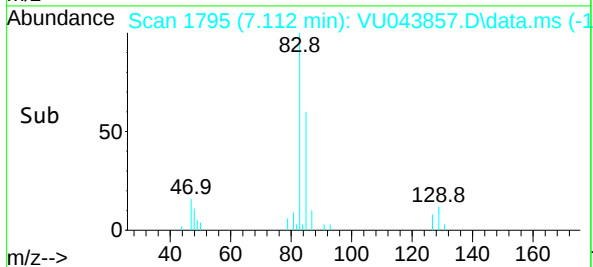
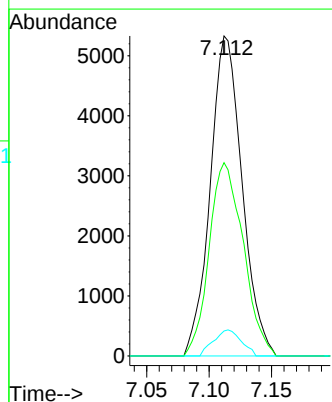
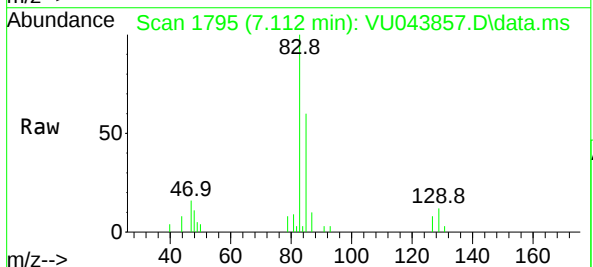
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ClientSampled :
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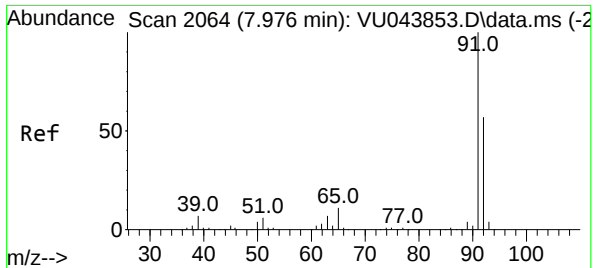
Tgt Ion: 63 Resp: 8558
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.49 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 83 Resp: 9481
Ion Ratio Lower Upper
83 100
85 60.4 44.6 82.8
127 7.8 7.0 10.4

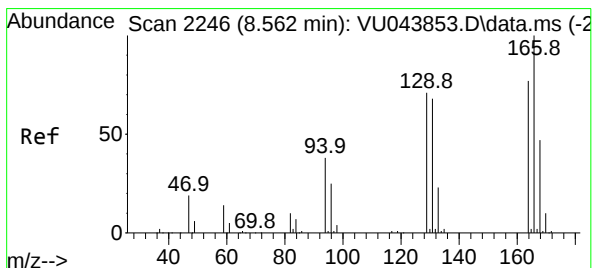
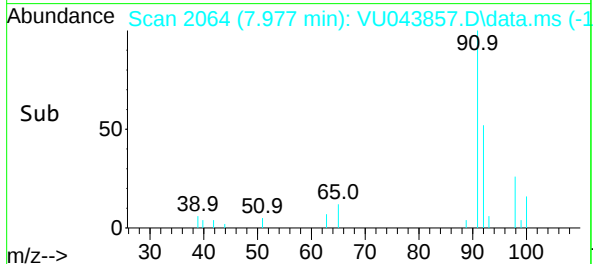
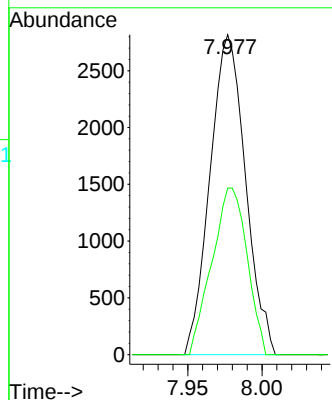
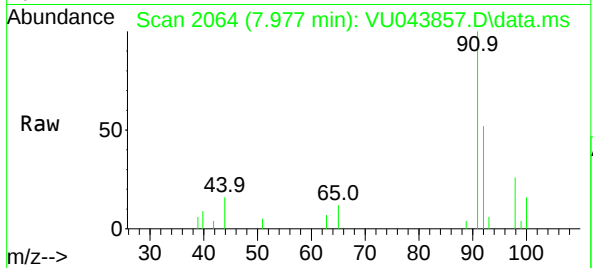




#42
Toluene
Concen: 0.07 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

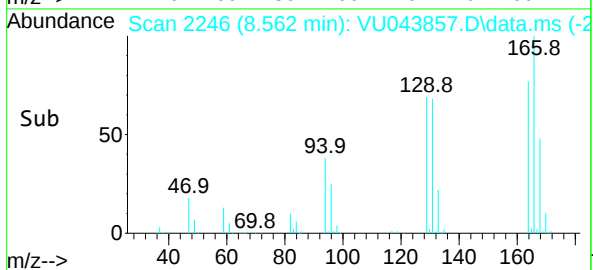
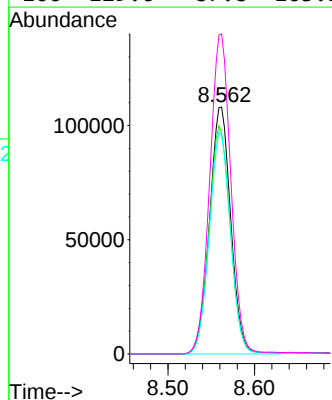
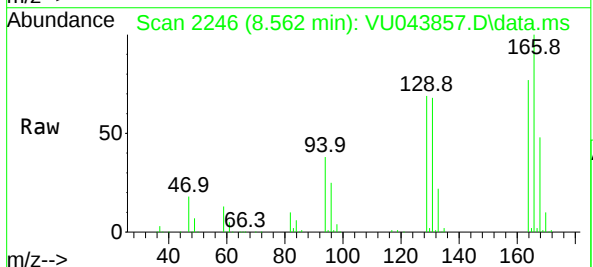
Instrument :
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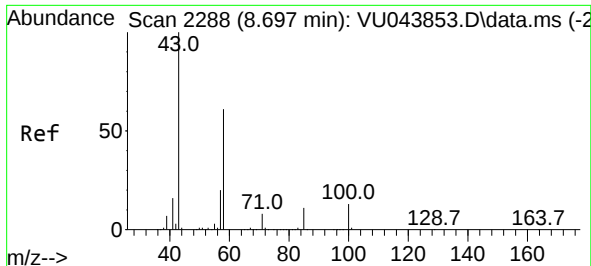
Tgt Ion: 91 Resp: 4676
Ion Ratio Lower Upper
91 100
92 52.1 40.3 74.8



#47
Tetrachloroethene
Concen: 13.93 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 164 Resp: 184221
Ion Ratio Lower Upper
164 100
129 89.6 64.1 119.1
131 88.8 61.2 113.8
166 129.6 87.8 163.2

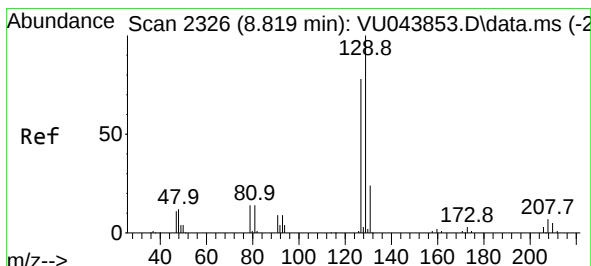
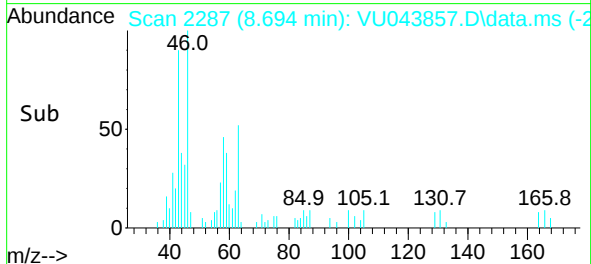
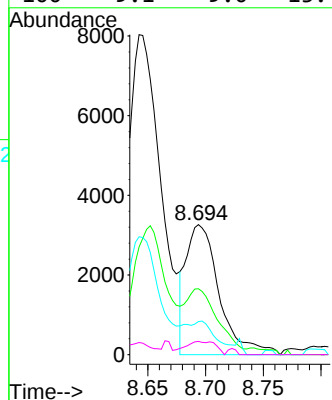
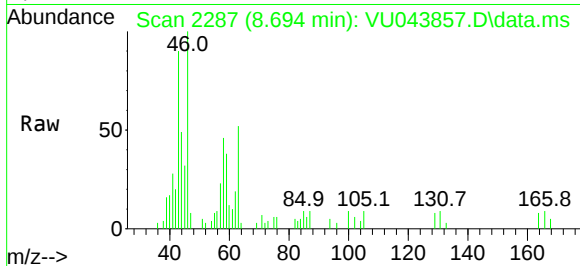




#48
2-Hexanone
Concen: 0.83 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

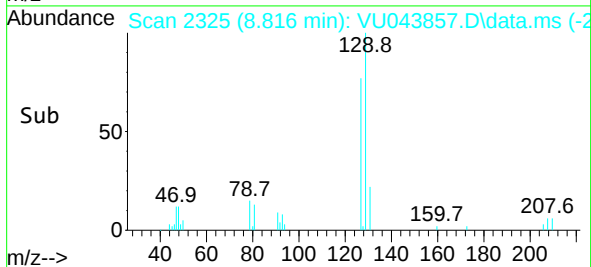
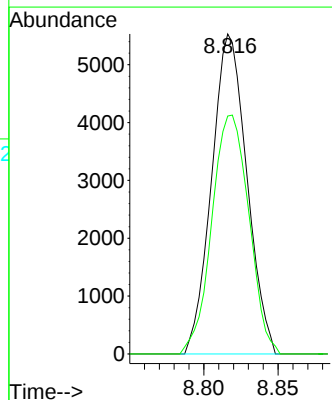
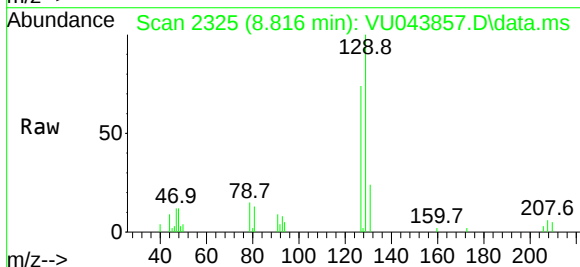
Instrument :
MSVOA_U
ClientSampled :
GB3Z3

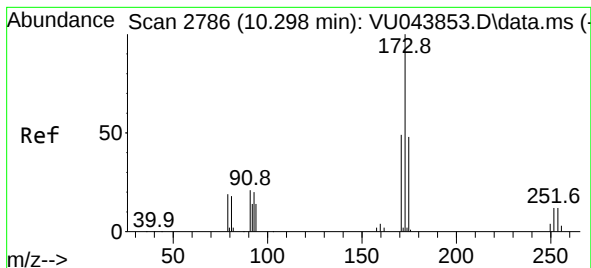
Tgt Ion: 43	Resp: 6535
Ion Ratio	Lower Upper
43 100	
58 49.9	47.0 70.4
57 0.0	15.8 23.8#
100 9.1	9.0 13.4



#49
Dibromochloromethane
Concen: 0.68 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043857.D
Acq: 20 May 2021 12:02

Tgt Ion: 129	Resp: 9119
Ion Ratio	Lower Upper
129 100	
127 74.3	53.4 99.2





#59

Bromoform

Concen: 0.13 ug/L

RT: 10.302 min Scan# 2787

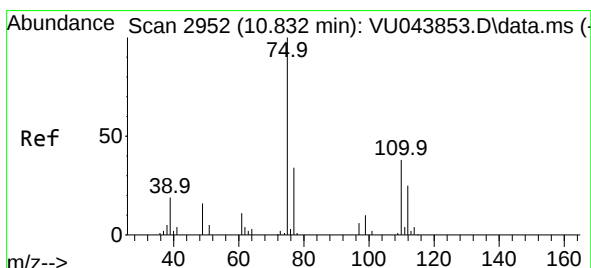
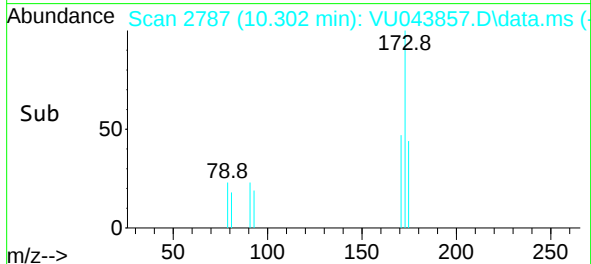
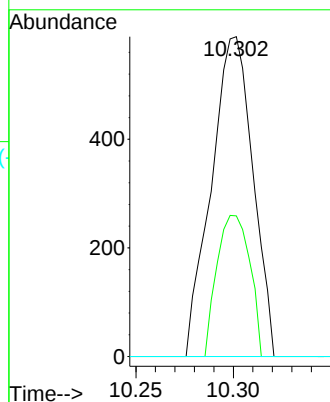
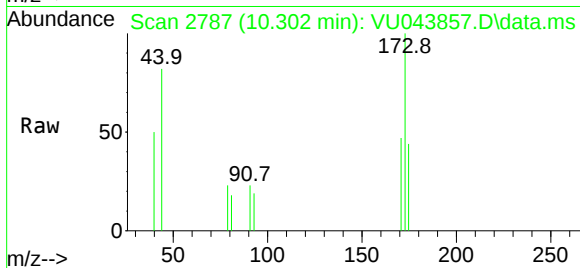
Delta R.T. 0.004 min

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Tgt Ion:	173	Resp:	873
Ion	Ratio	Lower	Upper
173	100		
175	34.7	38.8	58.2#
254	0.0	9.4	14.2#

Instrument :
MSVOA_U
ClientSampled :
GB3Z3



#61

1,2,3-Trichloropropane

Concen: 1.09 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043857.D

Acq: 20 May 2021 12:02

Tgt Ion:	75	Resp:	10742
Ion	Ratio	Lower	Upper
75	100		
110	2.5	27.9	41.9#
77	30.9	25.9	38.9

