

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043830.D
 Acq On : 19 May 2021 16:36
 Operator : SY/MD
 Sample : M2460-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR3

Quant Time: May 20 03:56:29 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)

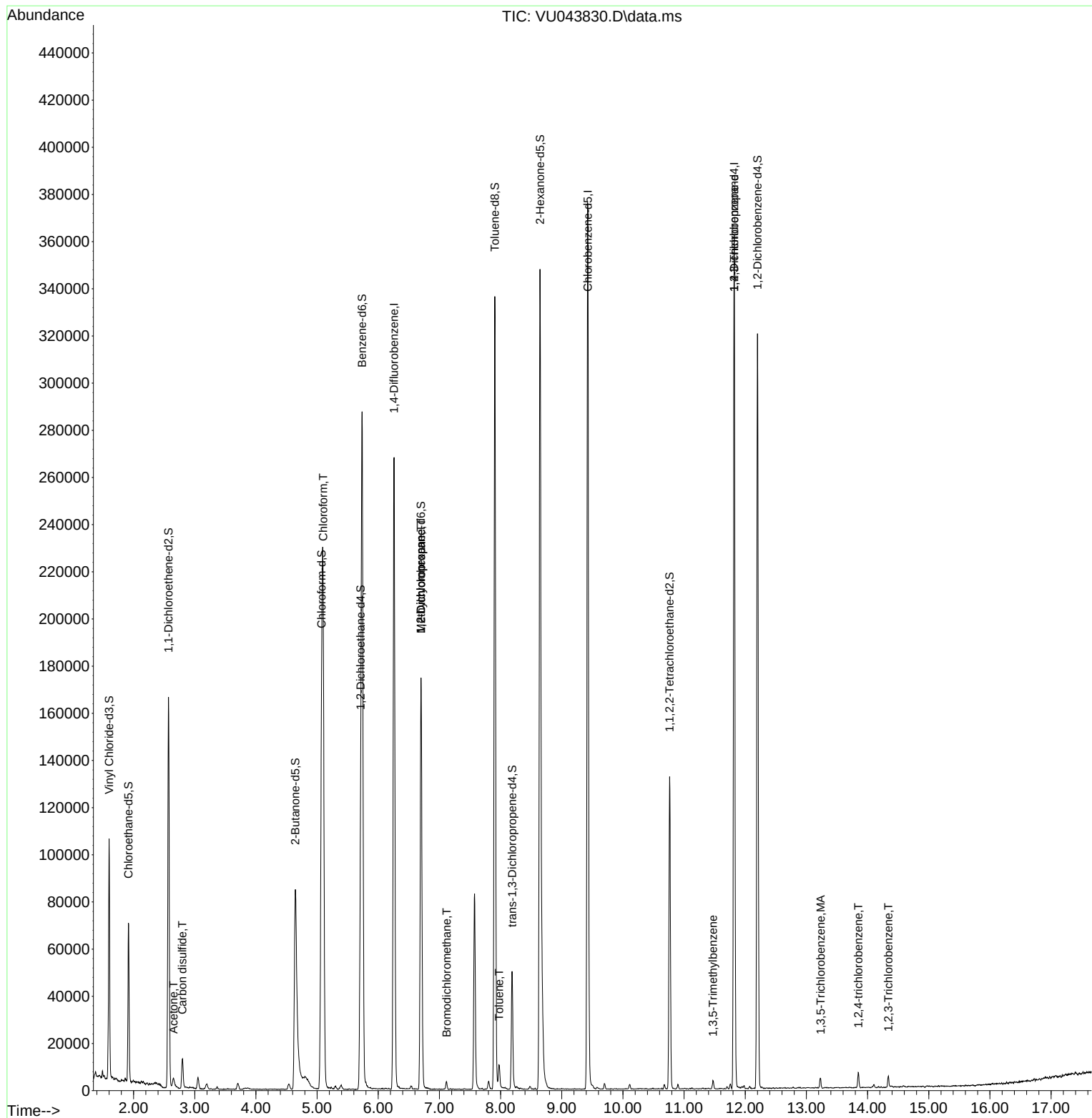
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	222118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	224040	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103254	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	69733	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.916	69	49585	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.571	65	31347	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.645	46	157753	50.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	5.073	84	139147	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.713	65	66901	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	273783	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.700	67	88235	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.906	98	227615	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloroprop...	8.189	79	29239	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.645	63	136408	44.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	67254	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	88860	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						Qvalue
13) Acetone	2.652	43	5386	2.72	ug/L	94
14) Carbon disulfide	2.797	76	16411	0.33	ug/L	98
25) Chloroform	5.099	83	167606	6.08	ug/L	99
35) Methylcyclohexane	6.700	83	20028	0.77	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	8850	0.52	ug/L #	88
38) Bromodichloromethane	7.118	83	2568	0.13	ug/L	87
42) Toluene	7.976	91	7520	0.11	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	11464	1.16	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.475	105	2061	0.05	ug/L	91
69) 1,3,5-Trichlorobenzene	13.233	180	1754	0.08	ug/L	96
70) 1,2,4-trichlorobenzene	13.848	180	2750	0.14	ug/L	95
72) 1,2,3-Trichlorobenzene	14.339	180	1844	0.10	ug/L	88

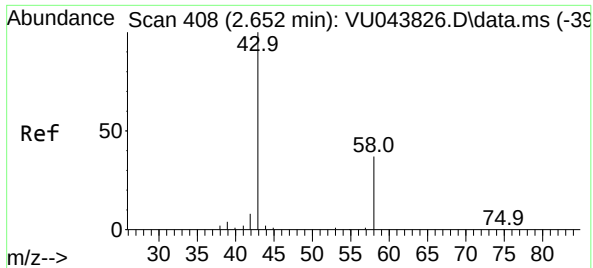
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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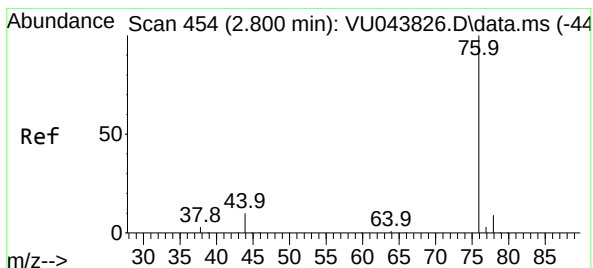
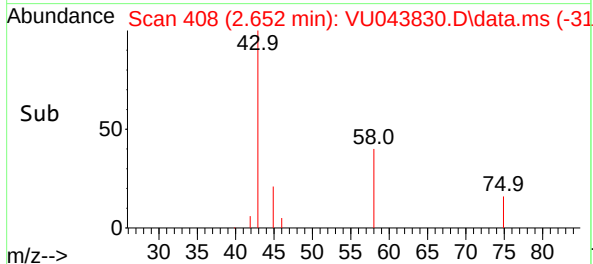
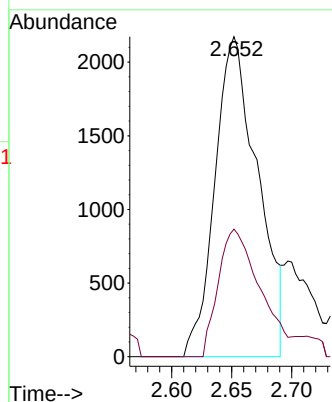
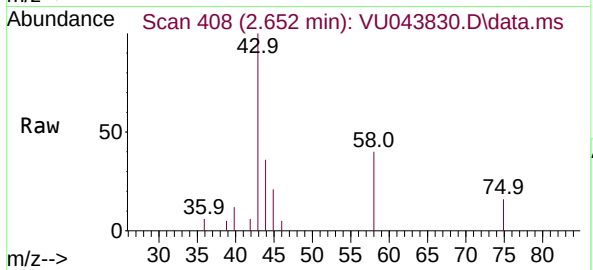




#13
Acetone
Concen: 2.72 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

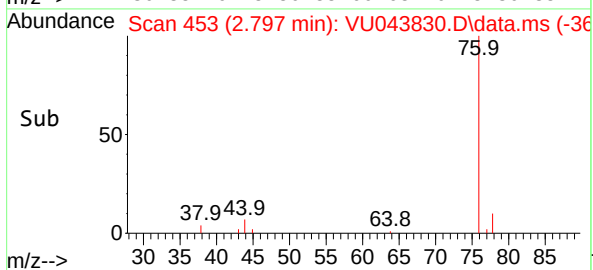
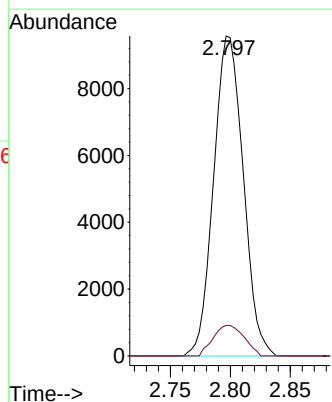
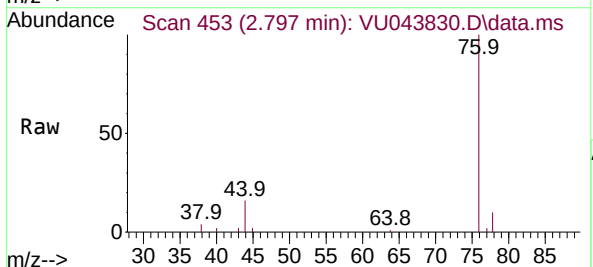
Instrument :
MSVOA_U
ClientSampleId :
C0AR3

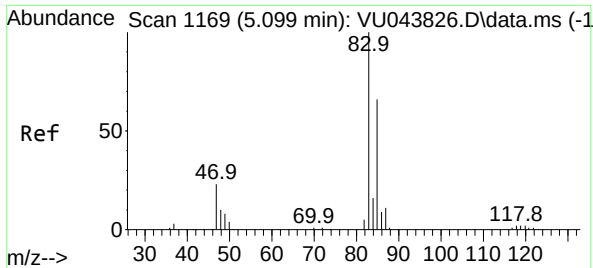
Tgt Ion: 43 Resp: 5386
Ion Ratio Lower Upper
43 100
58 39.2 0.0 71.6



#14
Carbon disulfide
Concen: 0.33 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion: 76 Resp: 16411
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



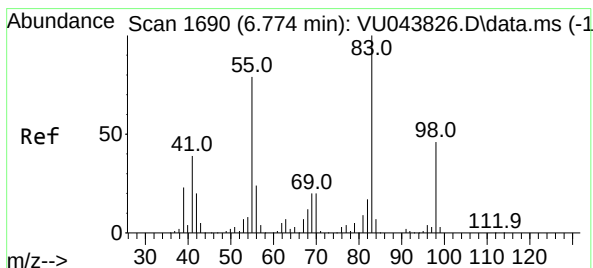
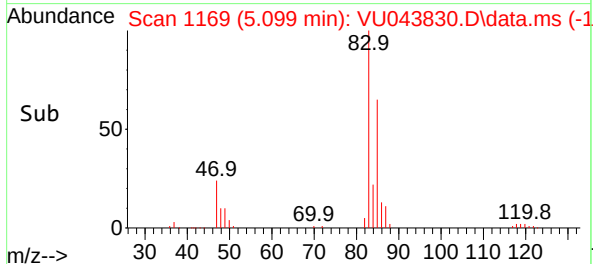
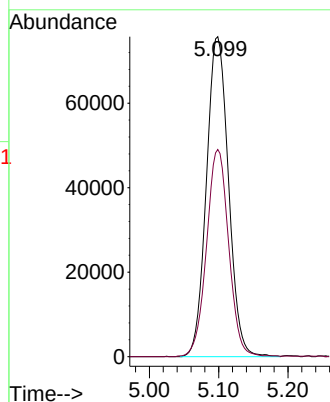
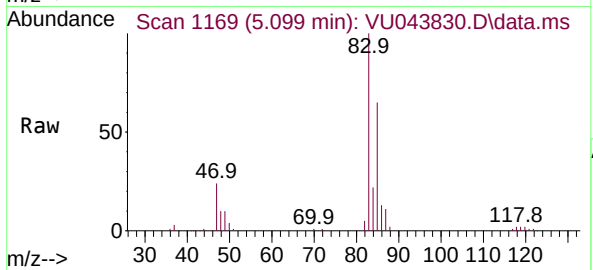


#25

Chloroform
Concen: 6.08 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :
C0AR3

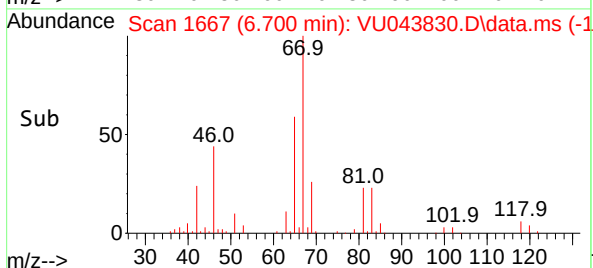
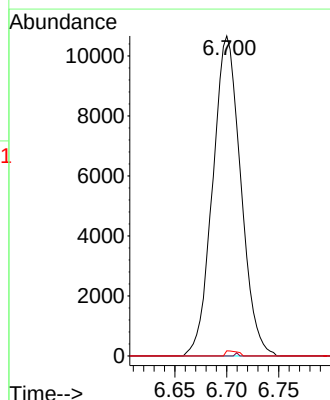
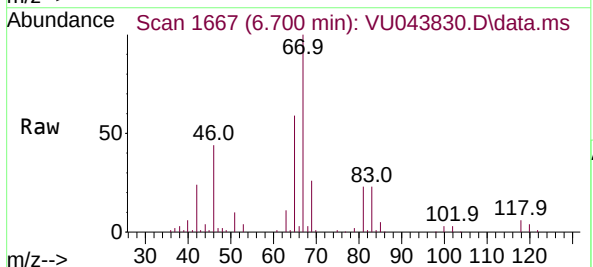
Tgt Ion: 83 Resp: 167606
Ion Ratio Lower Upper
83 100
85 64.8 45.0 83.6

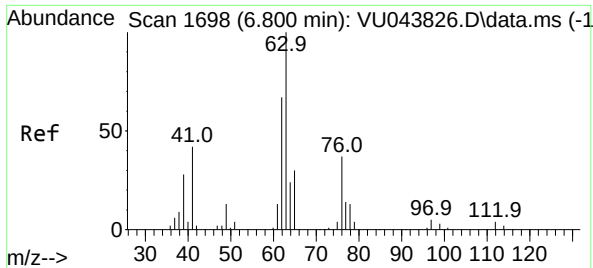


#35

Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion: 83 Resp: 20028
Ion Ratio Lower Upper
83 100
55 0.1 64.8 97.2#
98 0.7 35.9 53.9#

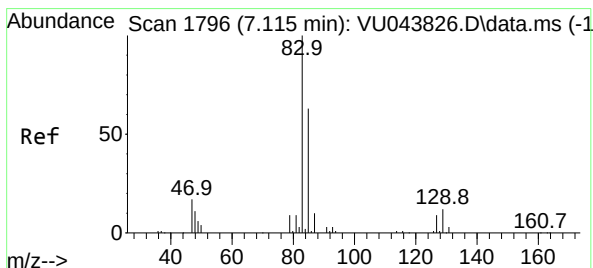
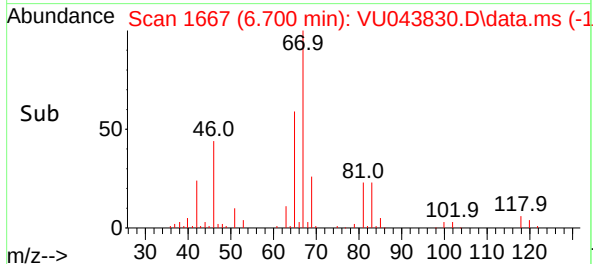
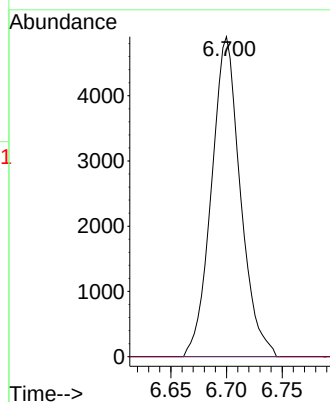
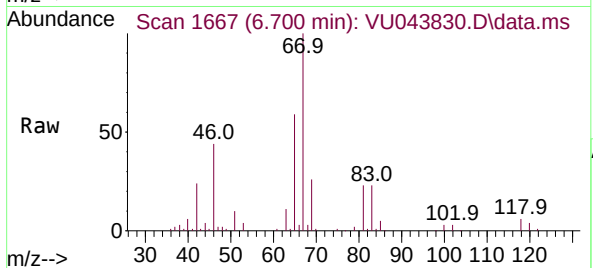




#37
1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

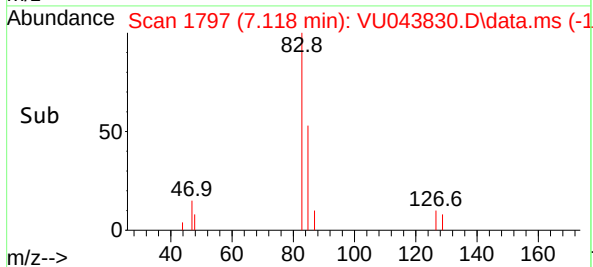
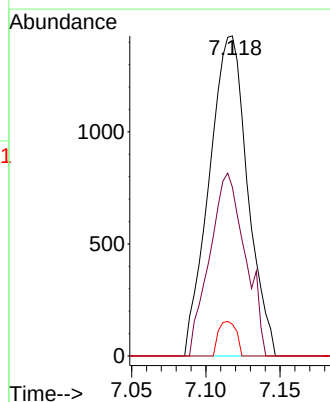
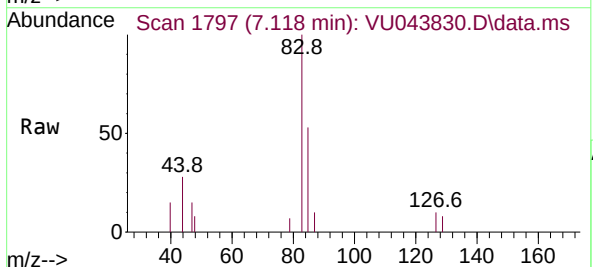
Instrument :
MSVOA_U
ClientSampled :
C0AR3

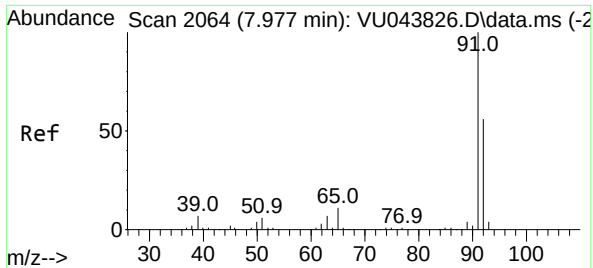
Tgt Ion: 63 Resp: 8850
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.13 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.003 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion: 83 Resp: 2568
Ion Ratio Lower Upper
83 100
85 52.7 44.6 82.8
127 9.9 7.0 10.4

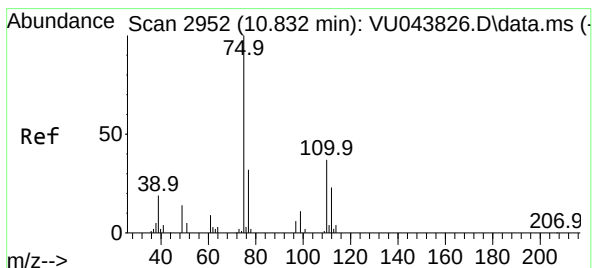
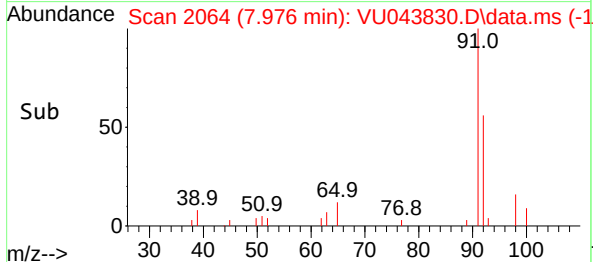
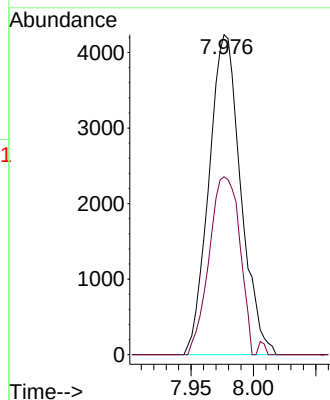
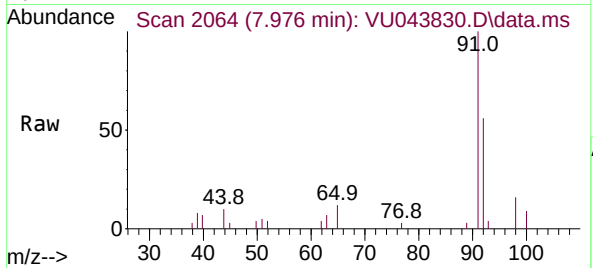




#42
Toluene
Concen: 0.11 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

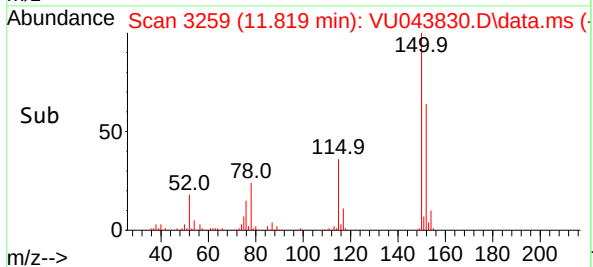
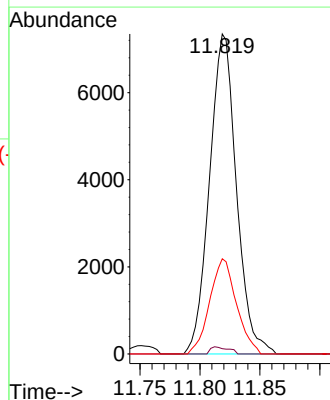
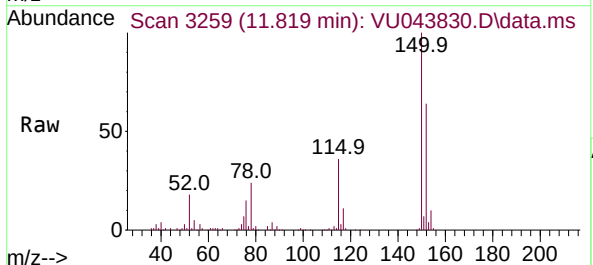
Instrument :
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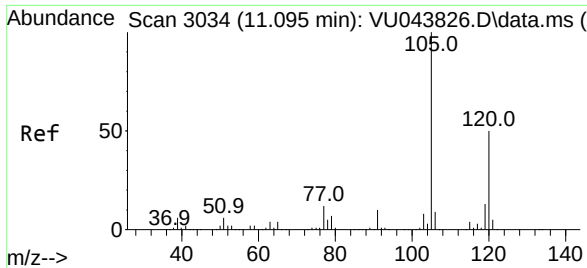
Tgt Ion: 91 Resp: 7520
Ion Ratio Lower Upper
91 100
92 55.6 40.3 74.8



#61
1,2,3-Trichloropropane
Concen: 1.16 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
110 1.5 27.9 41.9#
77 29.6 25.9 38.9

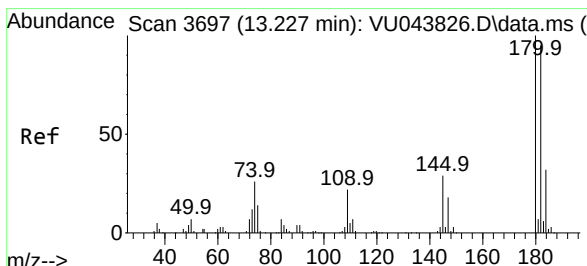
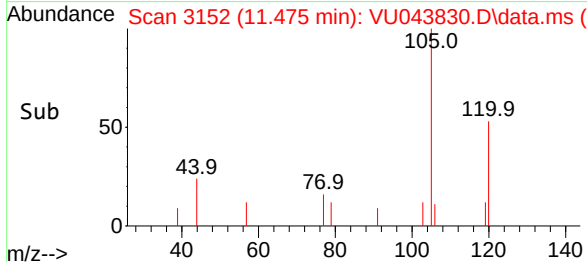
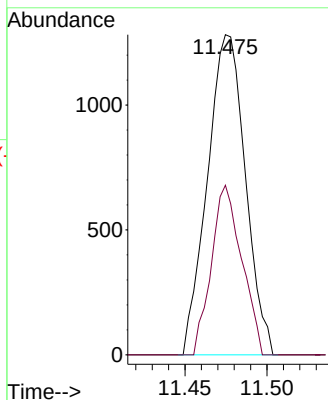
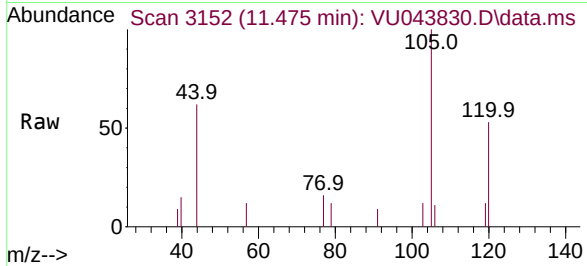




#62
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.379 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

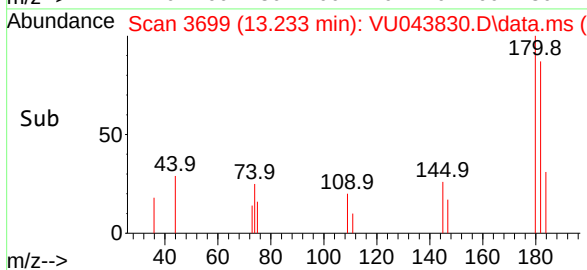
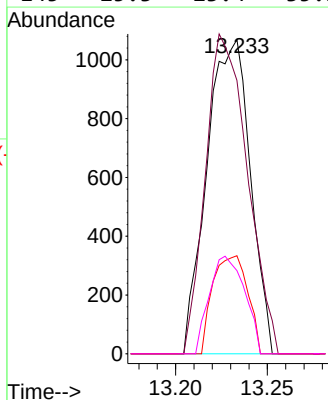
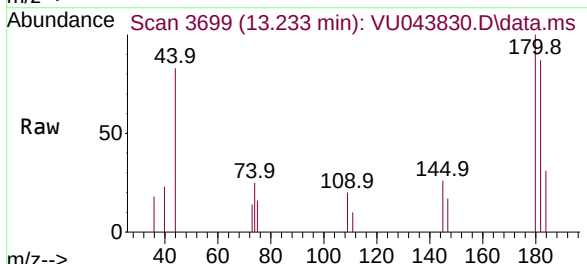
Instrument :
MSVOA_U
ClientSampled :
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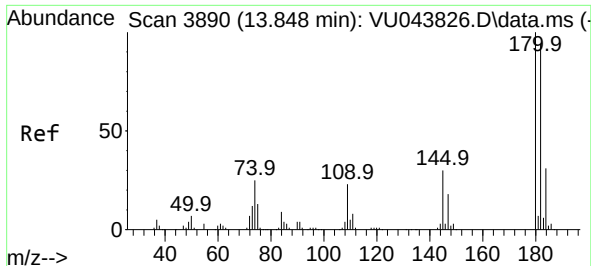
Tgt Ion:105 Resp: 2061
Ion Ratio Lower Upper
105 100
120 42.2 38.9 58.3



#69
1,3,5-Trichlorobenzene
Concen: 0.08 ug/L
RT: 13.233 min Scan# 3699
Delta R.T. 0.006 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion:180 Resp: 1754
Ion Ratio Lower Upper
180 100
182 98.3 78.2 117.2
184 25.1 24.8 37.2
145 25.3 23.4 35.2

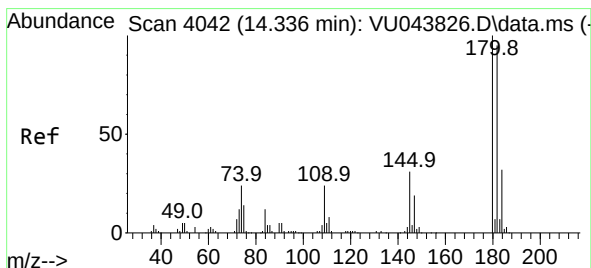
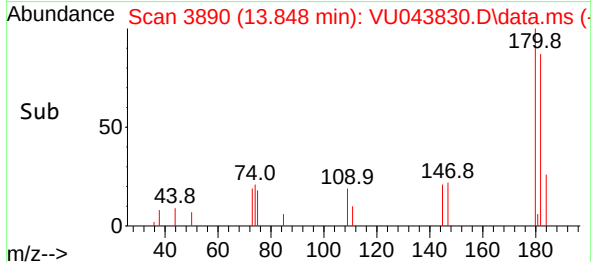
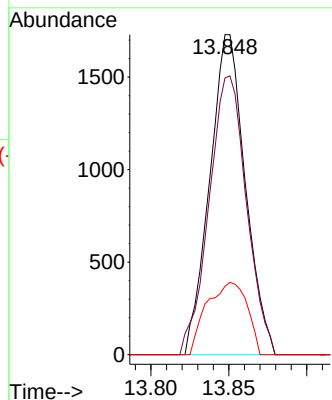
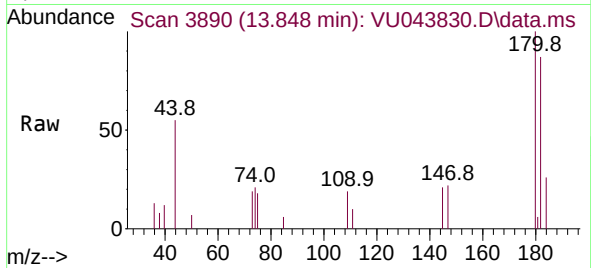




#70
1,2,4-trichlorobenzene
Concen: 0.14 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

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Tgt Ion:180 Resp: 2750
Ion Ratio Lower Upper
180 100
182 91.4 76.9 115.3
145 25.6 23.0 34.4



#72
1,2,3-Trichlorobenzene
Concen: 0.10 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043830.D
Acq: 19 May 2021 16:36

Tgt Ion:180 Resp: 1844
Ion Ratio Lower Upper
180 100
182 83.1 77.0 115.4
145 27.2 24.6 36.8

