

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051330.D
 Acq On : 10 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5041-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

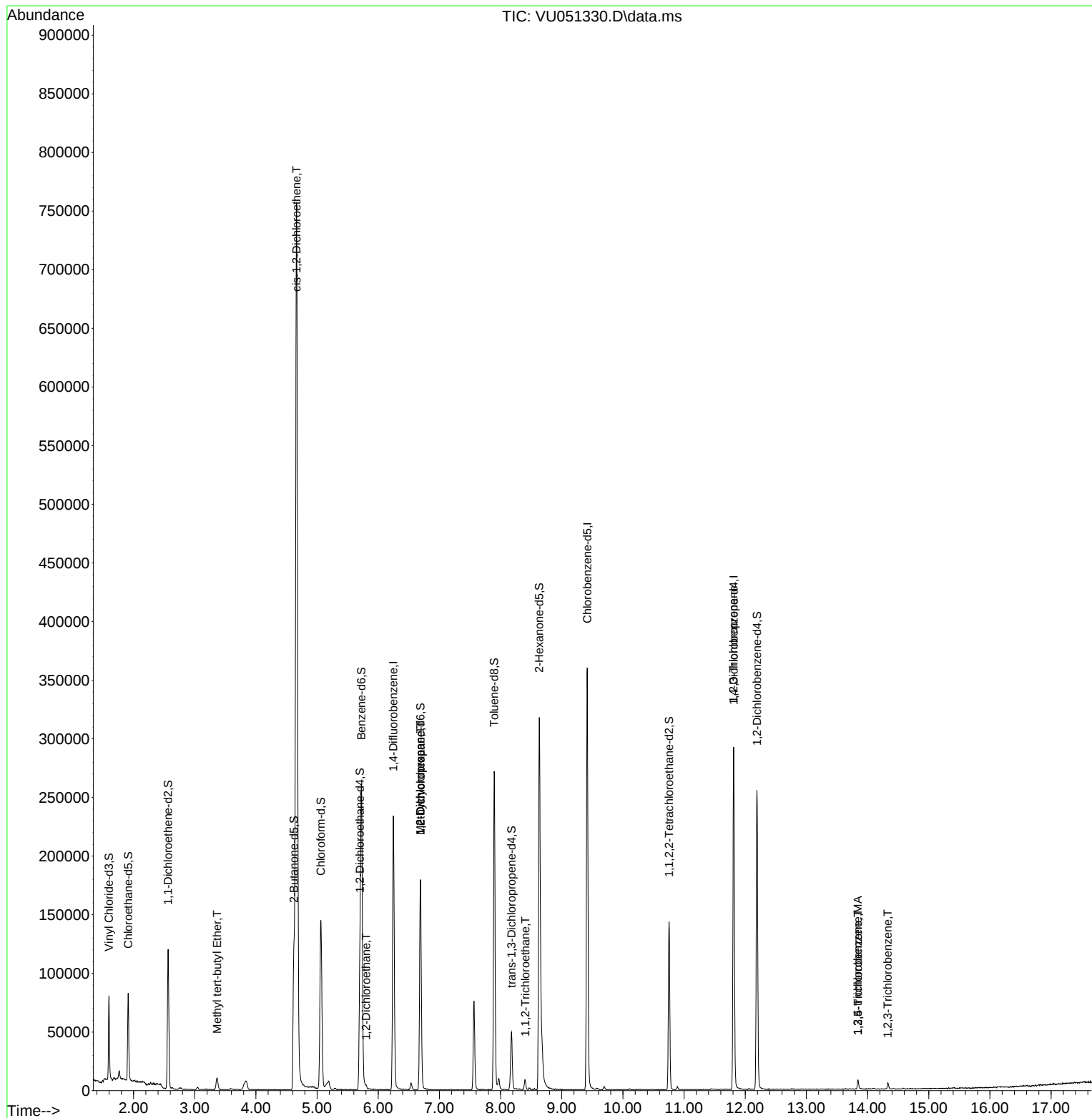
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52379	3.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.912	69	54729	4.226	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	22547	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.620	46	169405	51.048	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.100%
24) Chloroform-d	5.060	84	135619	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	71926	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.726	84	244321	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.690	67	88023	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	183780	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.179	79	25660	4.128	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.632	63	92260	44.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.080%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72200	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	67688	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.366	73	10135	0.325	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	394944	24.871	ug/L	98
27) 1,2-Dichloroethane	5.800	62	2345	0.127	ug/L #	74
35) Methylcyclohexane	6.690	83	20094	0.944	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	9169	0.495	ug/L #	88
45) 1,1,2-Trichloroethane	8.404	97	2814	0.216	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	10502	1.037	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.841	180	3020	0.174	ug/L #	94
70) 1,2,4-trichlorobenzene	13.841	180	3020	0.245	ug/L	93
72) 1,2,3-Trichlorobenzene	14.330	180	2133	0.167	ug/L	96

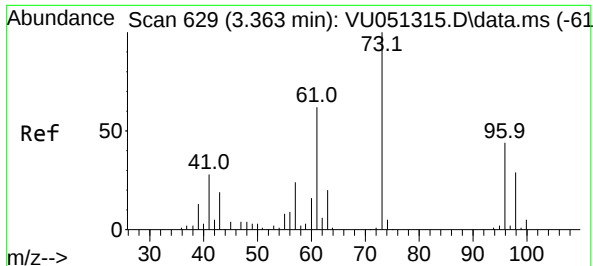
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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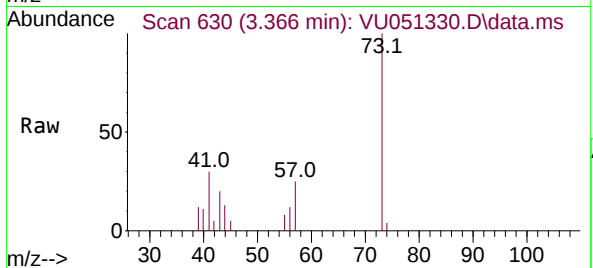
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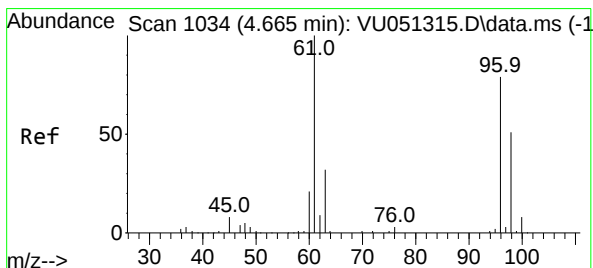
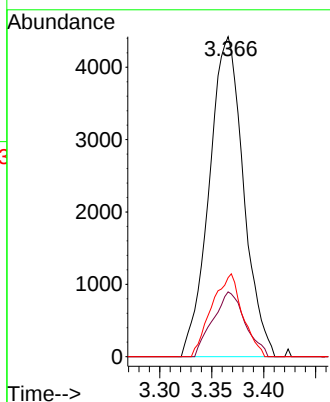
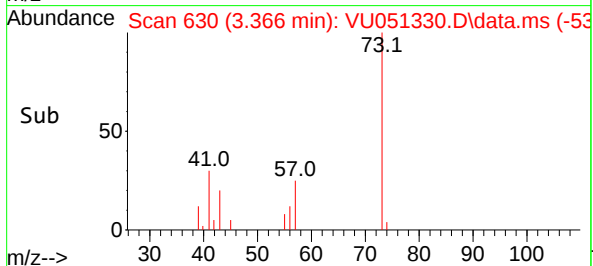


#17
Methyl tert-butyl Ether
Concen: 0.325 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

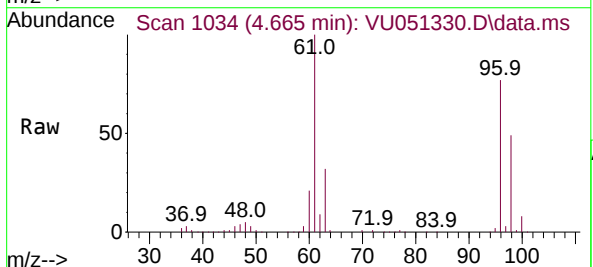
Instrument :
MSVOA_U
ClientSampleId :



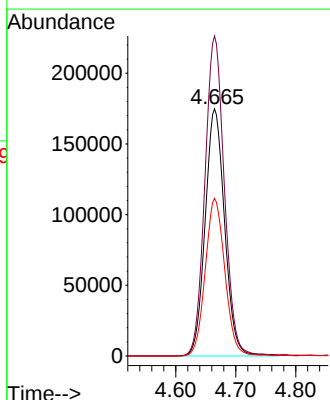
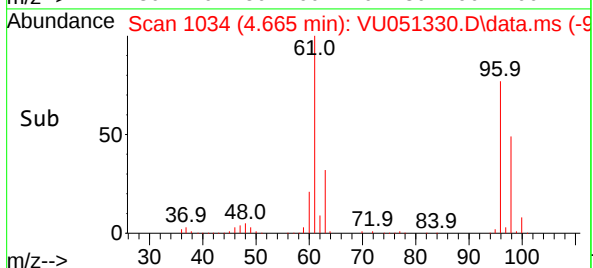
Tgt Ion: 73 Resp: 10135
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.0
57 23.3 18.9 28.3

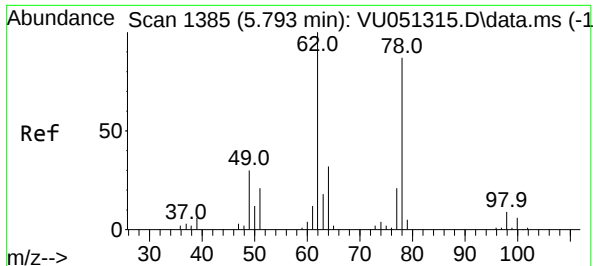


#22
cis-1,2-Dichloroethene
Concen: 24.871 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27



Tgt Ion: 96 Resp: 394944
Ion Ratio Lower Upper
96 100
61 129.4 90.6 168.2
98 63.7 47.5 88.3

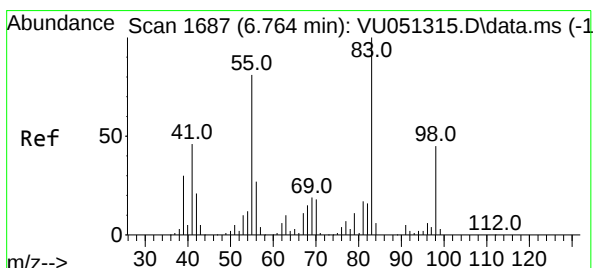
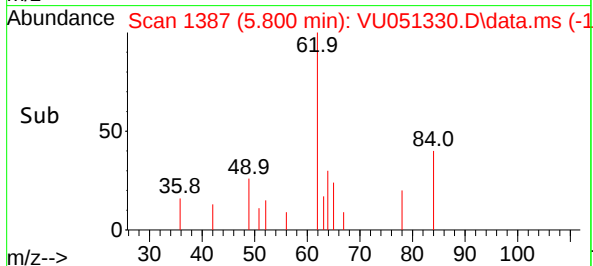
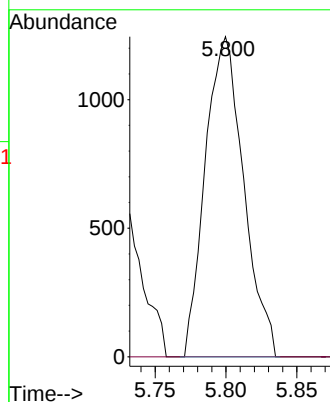
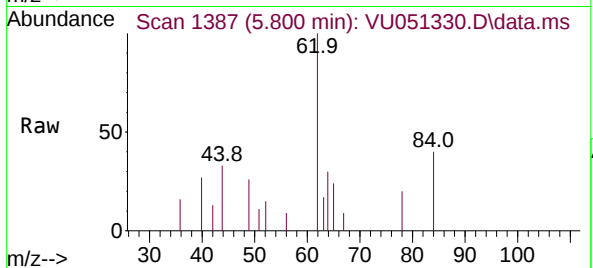




#27
1,2-Dichloroethane
Concen: 0.127 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

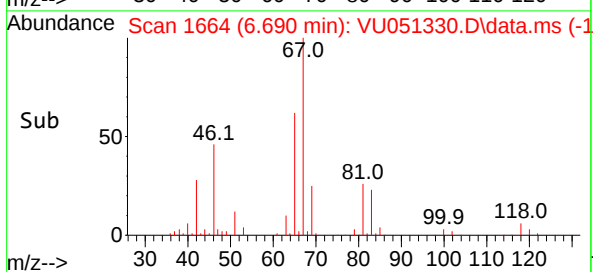
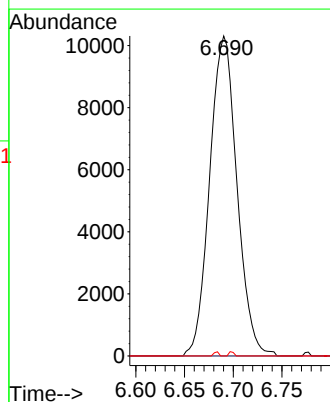
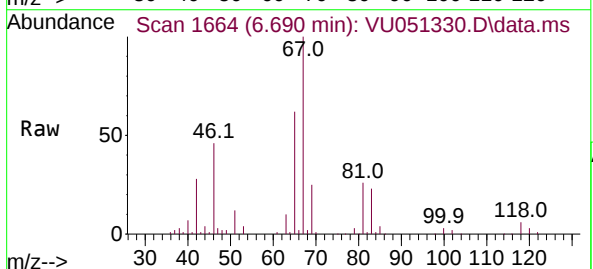
Instrument :
MSVOA_U
ClientSampleId :

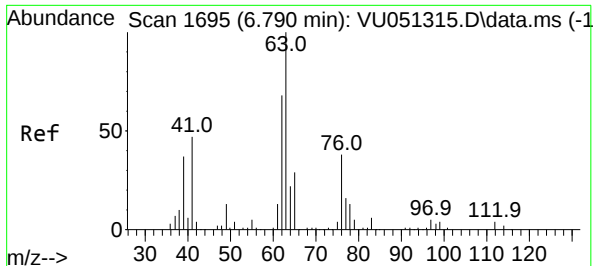
Tgt Ion: 62 Resp: 2345
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#35
Methylcyclohexane
Concen: 0.944 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

Tgt Ion: 83 Resp: 20094
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.2 35.9 53.9#

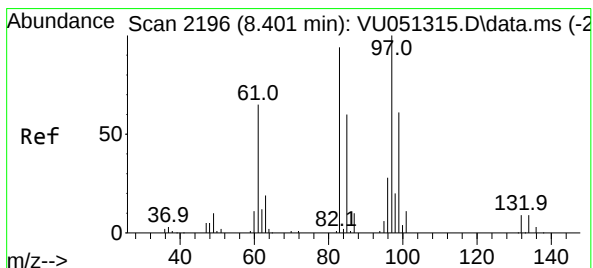
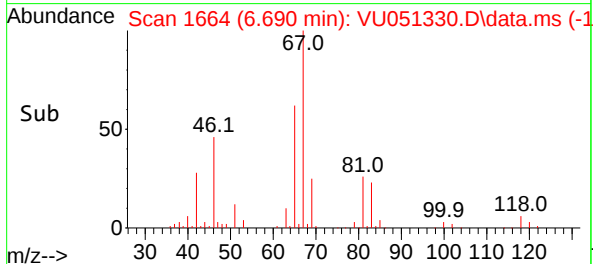
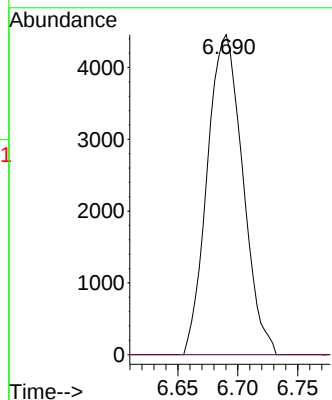
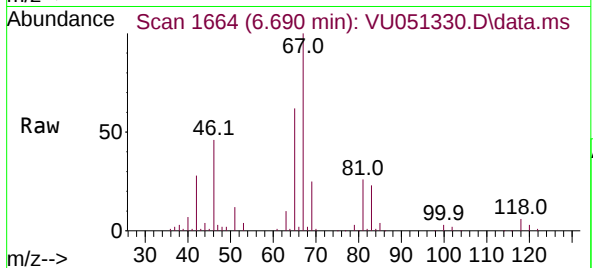




#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

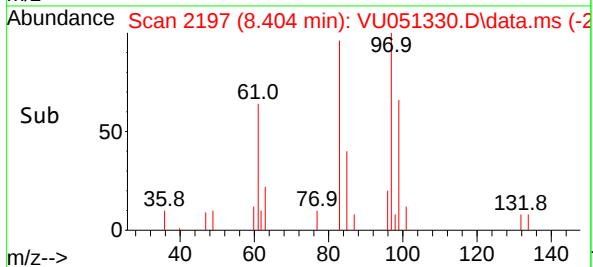
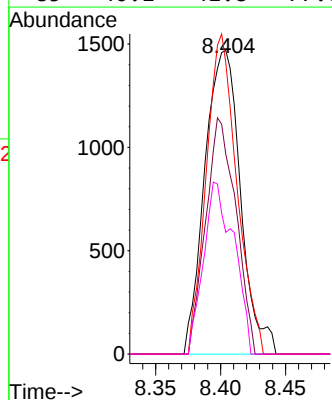
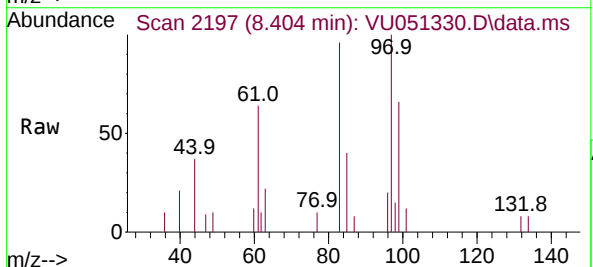
Instrument :
MSVOA_U
ClientSampleId :

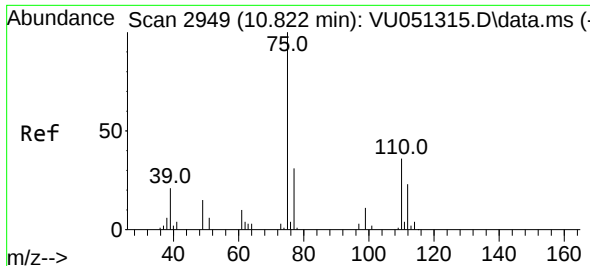
Tgt Ion: 63 Resp: 9169
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#45
1,1,2-Trichloroethane
Concen: 0.216 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

Tgt Ion: 97 Resp: 2814
Ion Ratio Lower Upper
97 100
99 65.8 45.3 84.1
83 96.0 63.1 117.1
85 40.1 41.8 77.6#

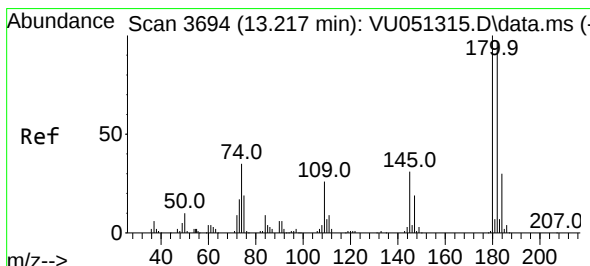
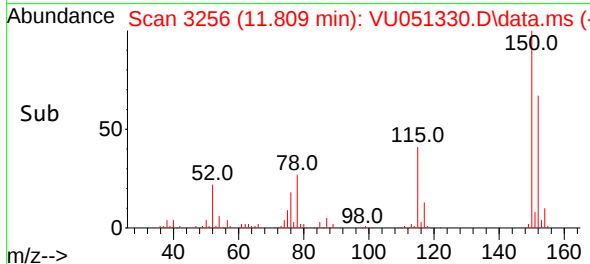
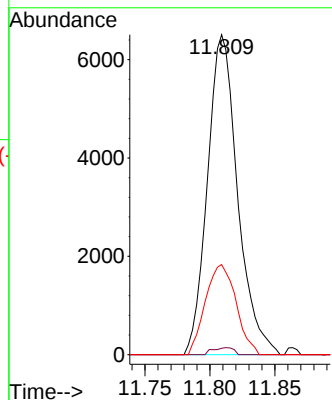
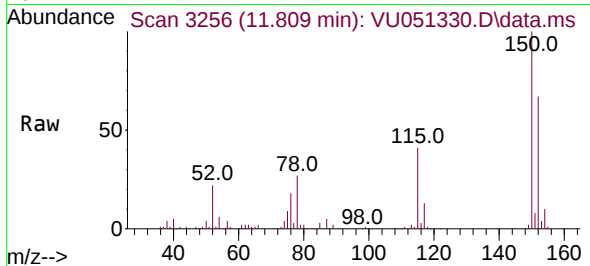




#61
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

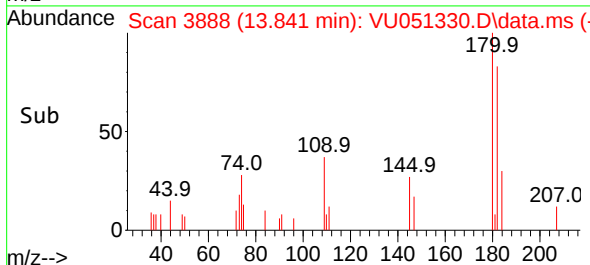
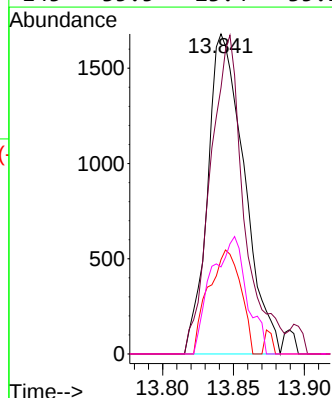
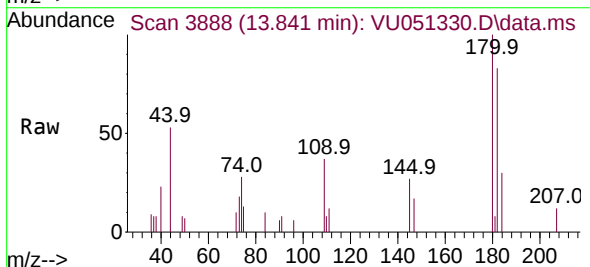
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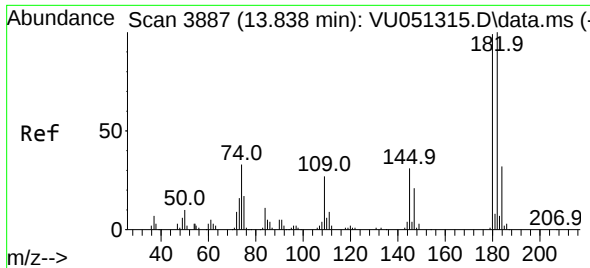
Tgt Ion: 75 Resp: 10502
Ion Ratio Lower Upper
75 100
110 1.5 27.0 40.6#
77 28.5 26.4 39.6



#69
1,3,5-Trichlorobenzene
Concen: 0.174 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.624 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

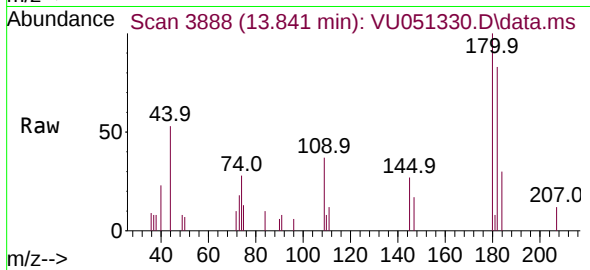
Tgt Ion:180 Resp: 3020
Ion Ratio Lower Upper
180 100
182 92.0 77.7 116.5
184 28.5 23.6 35.4
145 35.5 23.4 35.2#



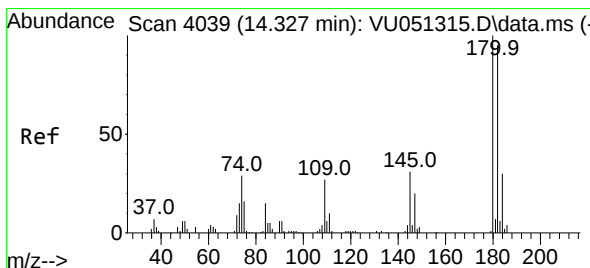
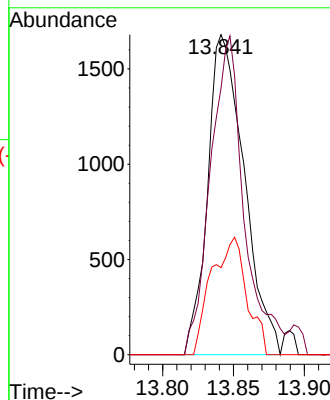
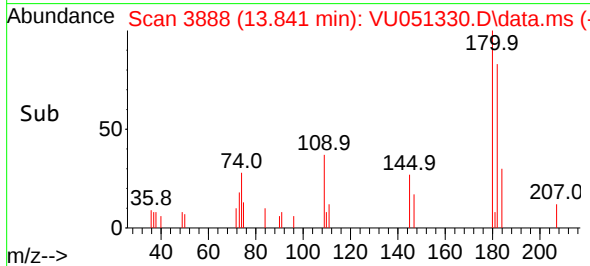


#70
1,2,4-trichlorobenzene
Concen: 0.245 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27

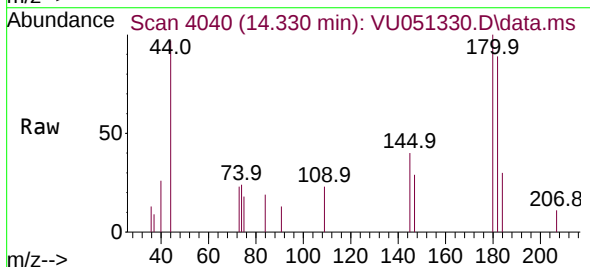
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 3020
Ion Ratio Lower Upper
180 100
182 92.0 78.7 118.1
145 35.5 25.0 37.4



#72
1,2,3-Trichlorobenzene
Concen: 0.167 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051330.D
Acq: 10 Oct 2022 16:27



Tgt Ion:180 Resp: 2133
Ion Ratio Lower Upper
180 100
182 98.7 76.6 114.8
145 29.7 25.8 38.8

