

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055004.D
 Acq On : 30 Aug 2023 17:43
 Operator : MD/SY
 Sample : 04153-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:38:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

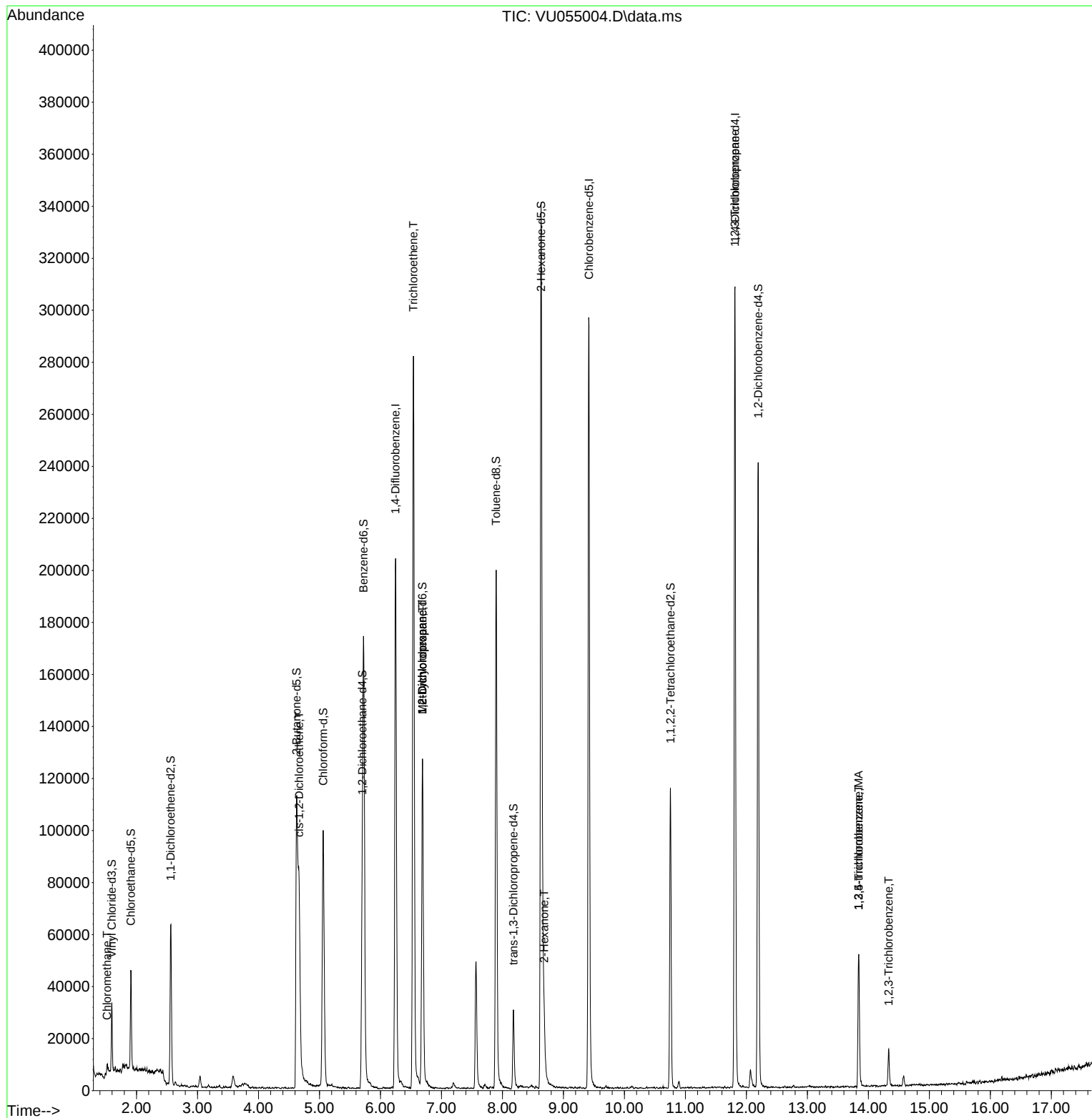
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	163093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	159764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	78115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18606	3.615	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.200%	
7) Chloroethane-d5	1.907	69	26459	3.979	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.560	65	11729	4.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	4.624	46	165352	59.509	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.020%	
24) Chloroform-d	5.062	84	88518	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.701	65	51372	5.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.724	84	155066	4.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.688	67	57669	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.897	98	132461	3.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.180	79	16661	4.008	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.634	63	113148	57.351	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.700%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55371	5.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	60784	4.874	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2521	0.239	ug/L #	73
22) cis-1,2-Dichloroethene	4.666	96	30662	3.196	ug/L	97
34) Trichloroethene	6.541	95	98478	9.428	ug/L	100
35) Methylcyclohexane	6.688	83	13804	0.893	ug/L #	25
37) 1,2-Dichloropropane	6.688	63	6329	0.602	ug/L #	90
48) 2-Hexanone	8.685	43	10632	2.451	ug/L #	90
61) 1,2,3-Trichloropropane	11.810	75	10437	1.794	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.843	180	16059	1.235	ug/L	98
70) 1,2,4-trichlorobenzene	13.843	180	16059	1.576	ug/L	99
72) 1,2,3-Trichlorobenzene	14.331	180	4155	0.492	ug/L	99

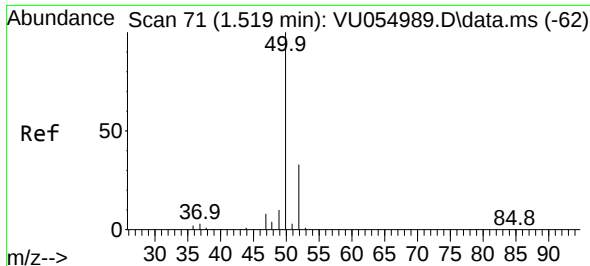
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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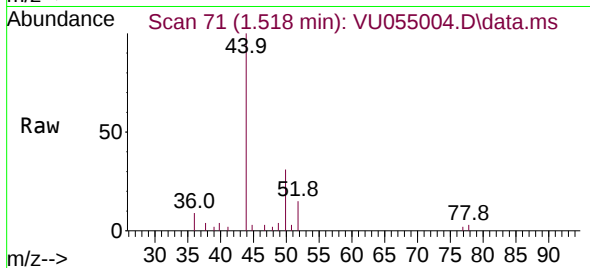


#3
 Chloromethane
 Concen: 0.239 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU055004.D
 Acq: 30 Aug 2023 17:43

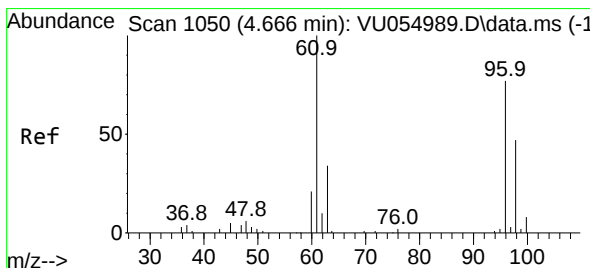
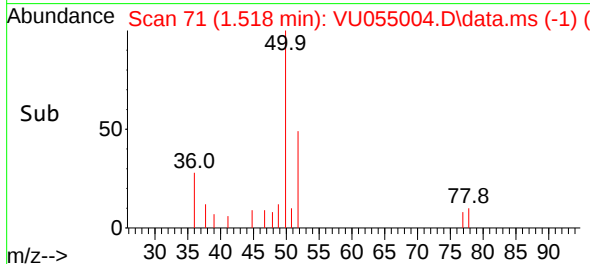
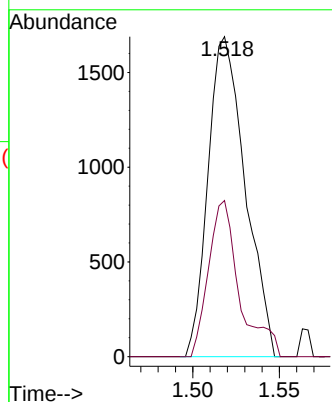
Instrument :

MSVOA_U

ClientSampleId :

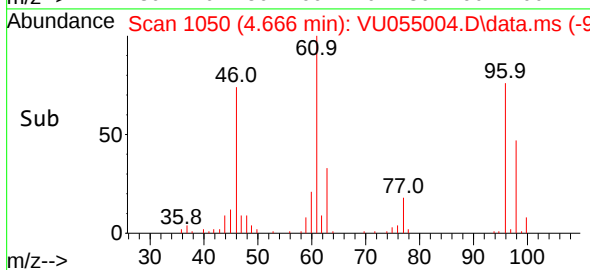
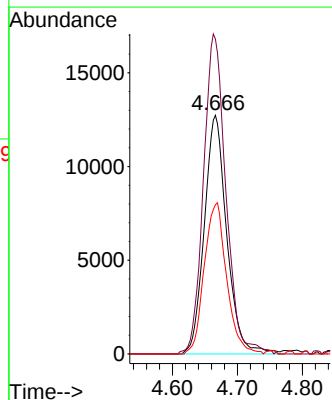
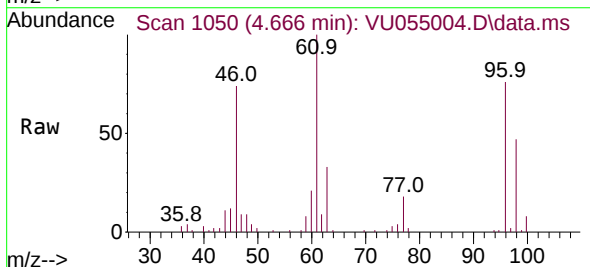


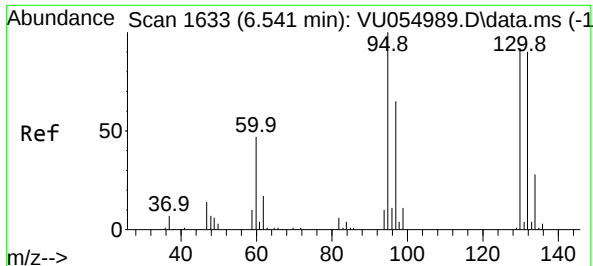
Tgt Ion: 50 Resp: 2521
 Ion Ratio Lower Upper
 50 100
 52 48.8 23.4 43.6#



#22
 cis-1,2-Dichloroethene
 Concen: 3.196 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VU055004.D
 Acq: 30 Aug 2023 17:43

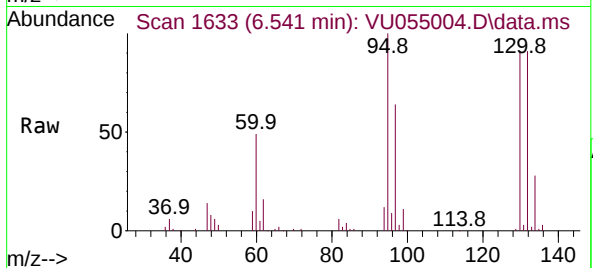
Tgt Ion: 96 Resp: 30662
 Ion Ratio Lower Upper
 96 100
 61 132.0 88.4 164.2
 98 62.6 44.0 81.6



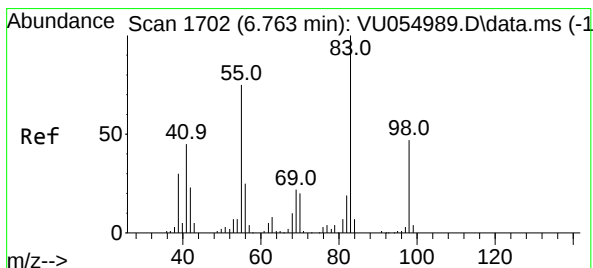
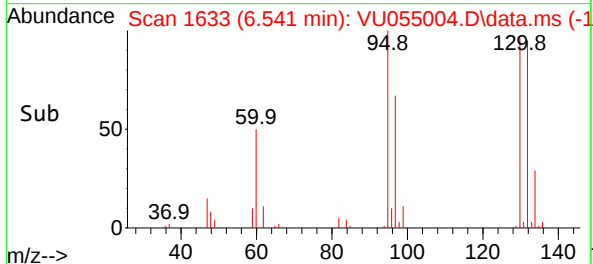
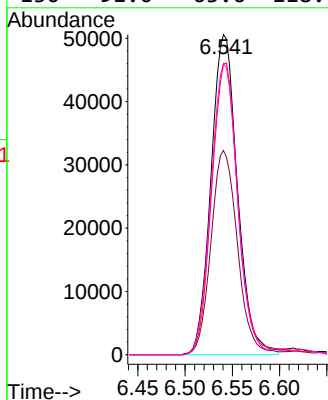


#34
Trichloroethene
Concen: 9.428 ug/L
RT: 6.541 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

Instrument :
MSVOA_U
ClientSampleId :

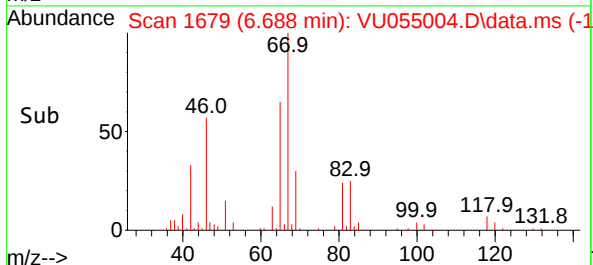
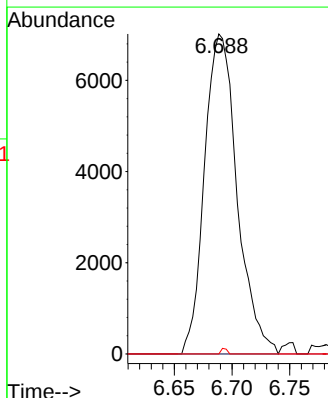
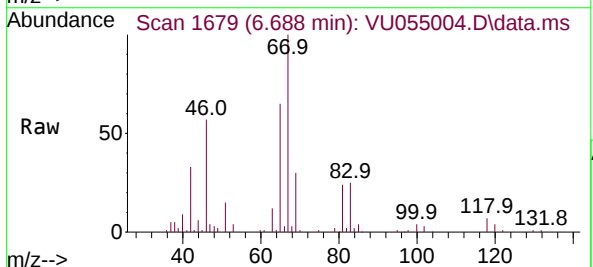


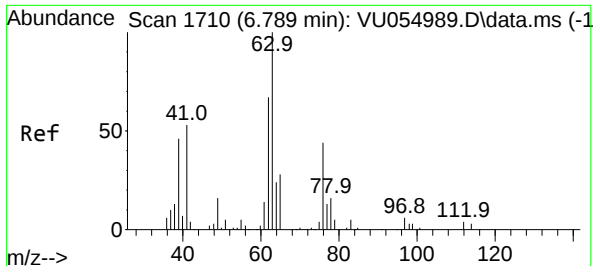
Tgt Ion:	95	Resp:	98478
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.1	81.9
132	90.8	63.6	118.2
130	91.0	63.6	118.0



#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

Tgt Ion:	83	Resp:	13804
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.1	93.1#
98	12.8	37.8	56.6#

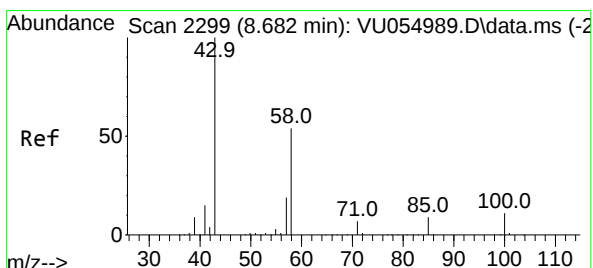
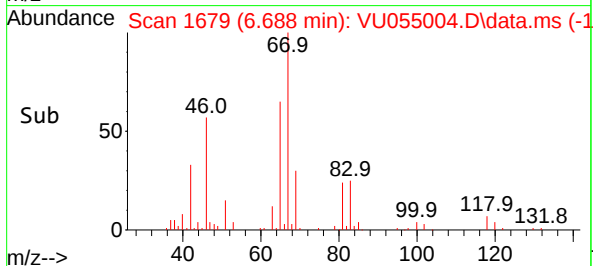
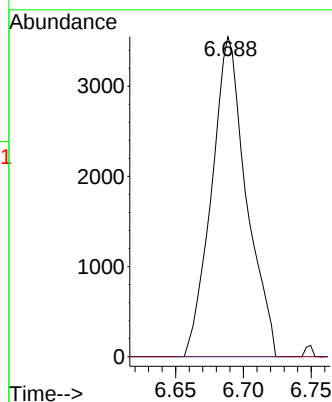
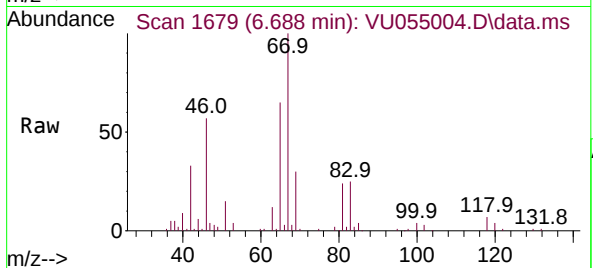




#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

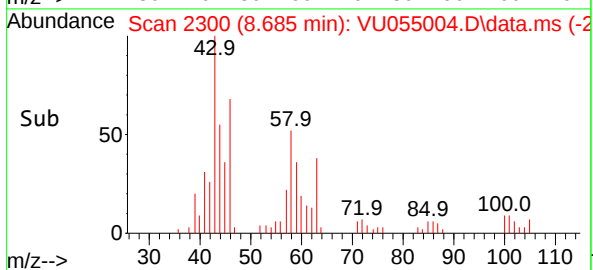
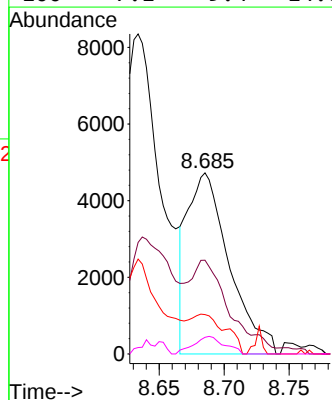
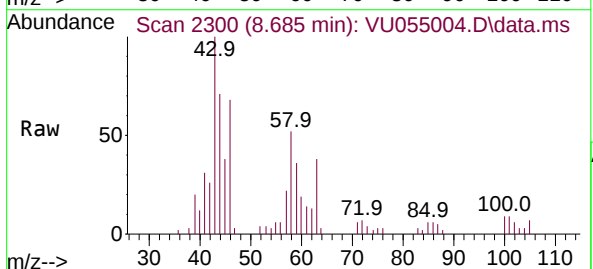
Instrument :
MSVOA_U
ClientSampleId :

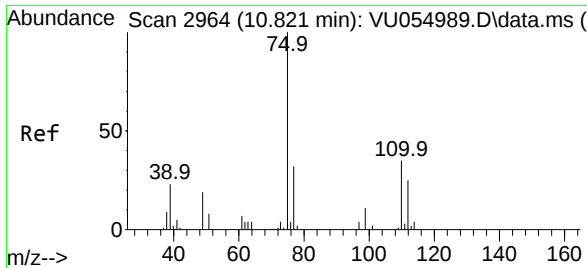
Tgt Ion: 63 Resp: 6329
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 2.451 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

Tgt Ion: 43 Resp: 10632
Ion Ratio Lower Upper
43 100
58 46.8 44.0 66.0
57 17.1 15.9 23.9
100 7.1 9.4 14.0#

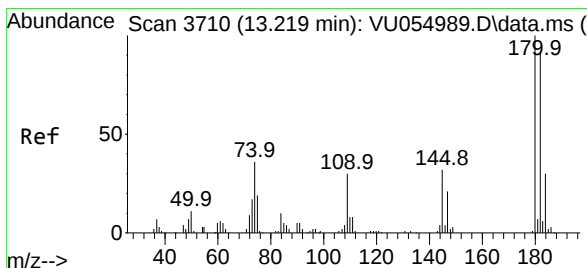
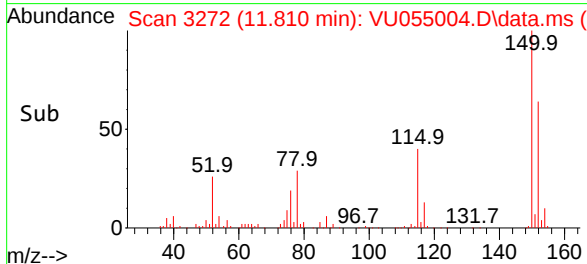
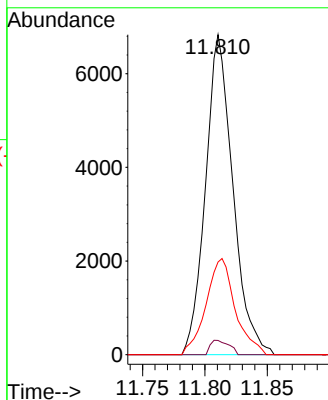
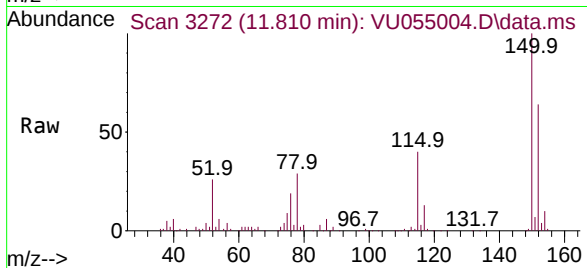




#61
 1,2,3-Trichloropropane
 Concen: 1.794 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055004.D
 Acq: 30 Aug 2023 17:43

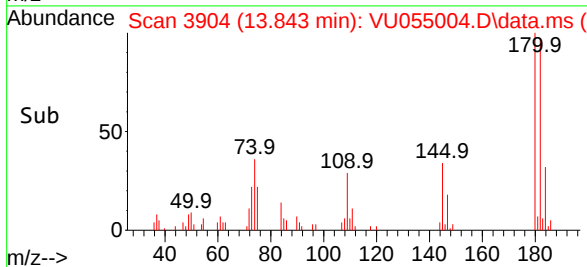
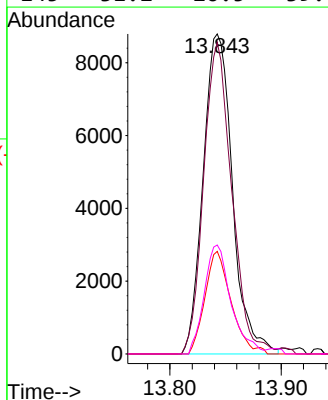
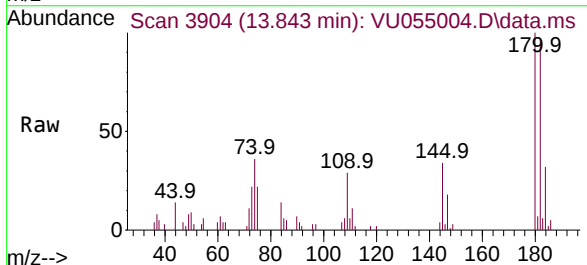
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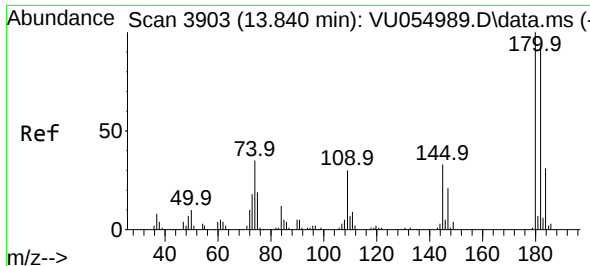
Tgt Ion: 75 Resp: 10437
 Ion Ratio Lower Upper
 75 100
 110 3.1 29.0 43.6#
 77 32.0 26.5 39.7



#69
 1,3,5-Trichlorobenzene
 Concen: 1.235 ug/L
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.623 min
 Lab File: VU055004.D
 Acq: 30 Aug 2023 17:43

Tgt Ion:180 Resp: 16059
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.6 114.8
 184 28.7 23.6 35.4
 145 31.2 26.5 39.7

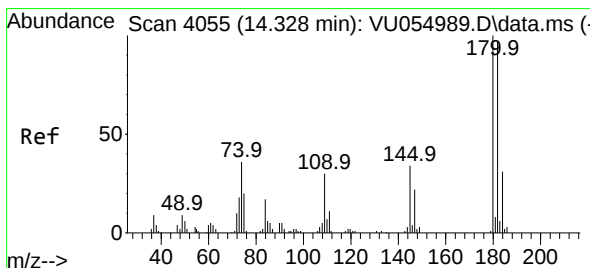
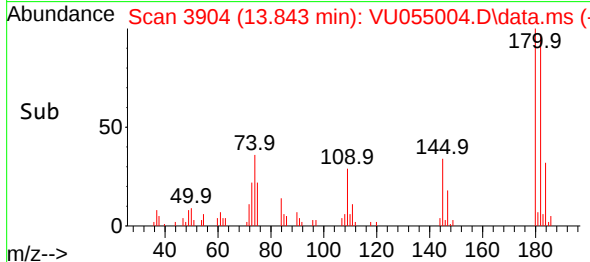
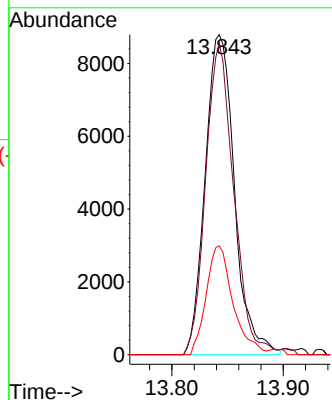
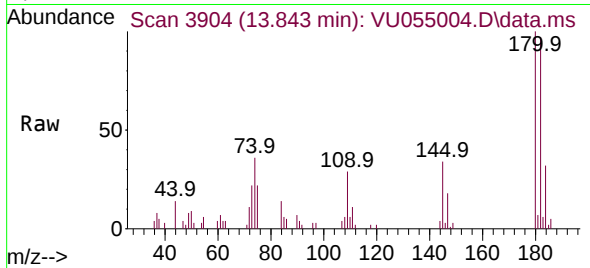




#70
1,2,4-trichlorobenzene
Concen: 1.576 ug/L
RT: 13.843 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 16059
Ion Ratio Lower Upper
180 100
182 93.3 74.9 112.3
145 31.2 25.8 38.8



#72
1,2,3-Trichlorobenzene
Concen: 0.492 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.003 min
Lab File: VU055004.D
Acq: 30 Aug 2023 17:43

Tgt Ion:180 Resp: 4155
Ion Ratio Lower Upper
180 100
182 98.4 77.7 116.5
145 35.6 28.1 42.1

