

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055733.D
 Acq On : 10 Oct 2023 20:02
 Operator : MD/SY
 Sample : 04747-04
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:57:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

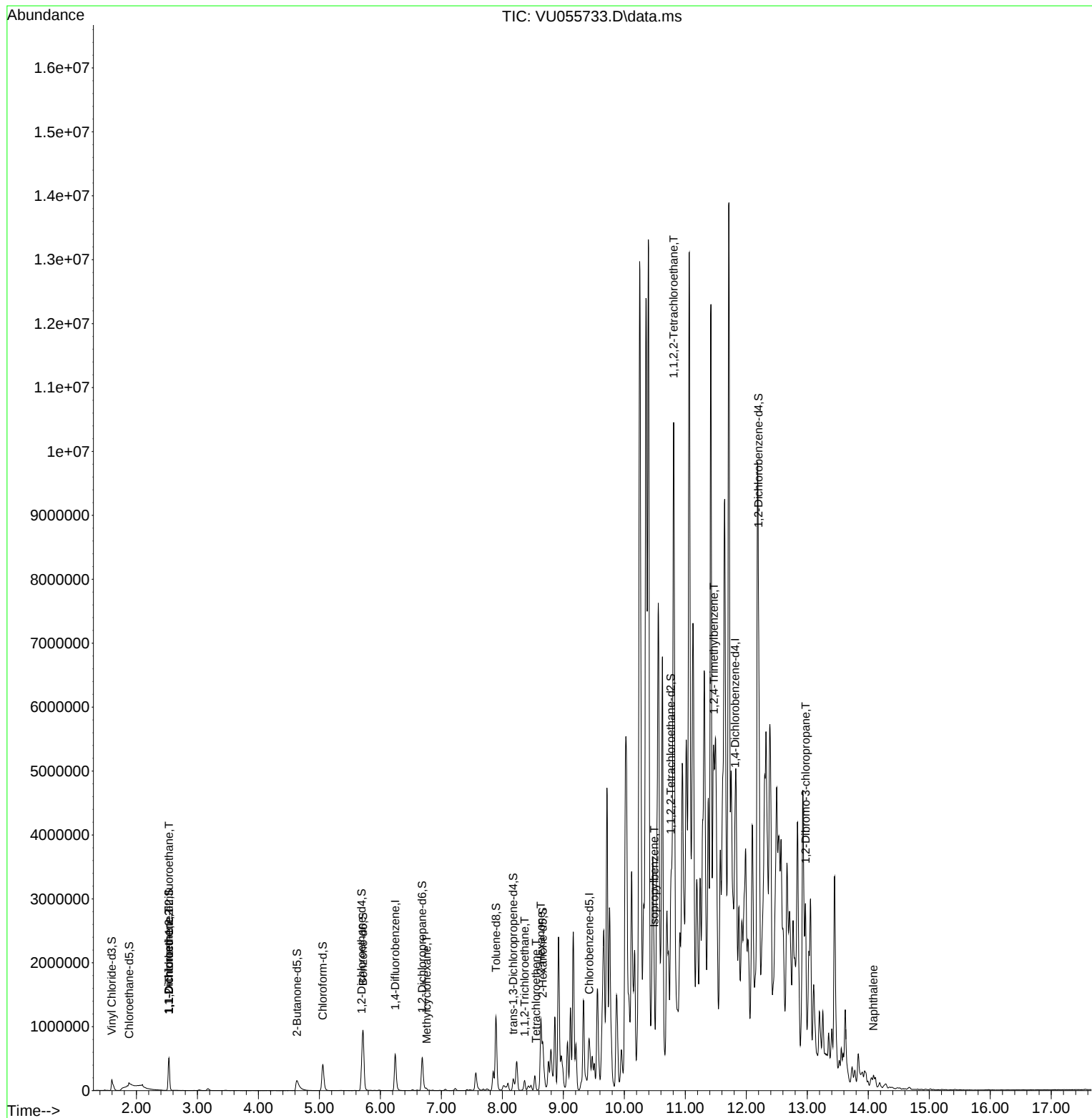
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	511710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.422	117	532912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	304673	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	224839	48.986	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.980%		
7) Chloroethane-d5	1.879	69	48728	12.988	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.980%#		
11) 1,1-Dichloroethene-d2	2.531	63	310070	37.888	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.780%		
21) 2-Butanone-d5	4.631	46	377073	110.871	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.870%		
24) Chloroform-d	5.055	84	428866	48.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.480%		
26) 1,2-Dichloroethane-d4	5.692	65	289399	53.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.860%		
32) Benzene-d6	5.714	84	848765	49.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
36) 1,2-Dichloropropane-d6	6.685	67	270216	50.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.894	98	798813	51.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.760%		
43) trans-1,3-Dichloroprop...	8.177	79	138807	53.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.060%		
47) 2-Hexanone-d5	8.663	63	307359	144.840	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	144.840%#		
56) 1,1,2,2-Tetrachloroeth...	10.762	84	439192	52.859	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.720%		
66) 1,2-Dichlorobenzene-d4	12.197	152	361199	59.741	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.480%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.531	101	2882	0.707	ug/L #	21
12) 1,1-Dichloroethene	2.528	96	2390	0.659	ug/L #	1
35) Methylcyclohexane	6.756	83	13795	2.063	ug/L	91
45) 1,1,2-Trichloroethane	8.364	97	57028	12.468	ug/L #	19
46) Tetrachloroethene	8.554	164	2589	0.785	ug/L	85
48) 2-Hexanone	8.631	43	397496	72.923	ug/L #	26
57) 1,1,2,2-Tetrachloroethane	10.807	83	855918	109.284	ug/L #	38
61) Isopropylbenzene	10.489	105	330565	17.404	ug/L	97
63) 1,2,4-Trimethylbenzene	11.470	105	305701	20.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.971	75	9980	5.048	ug/L #	8
71) Naphthalene	14.084	128	153241	9.889	ug/L	97

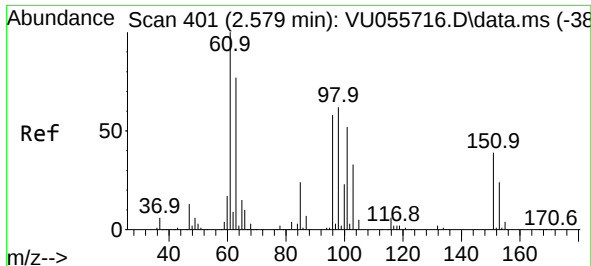
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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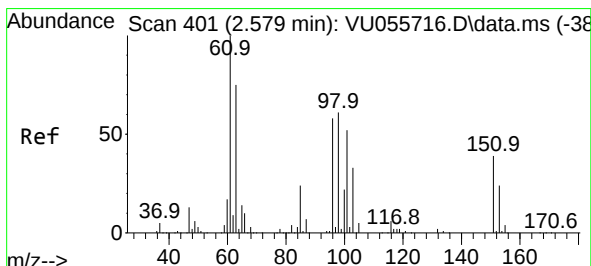
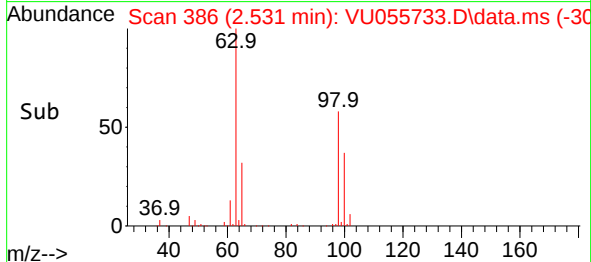
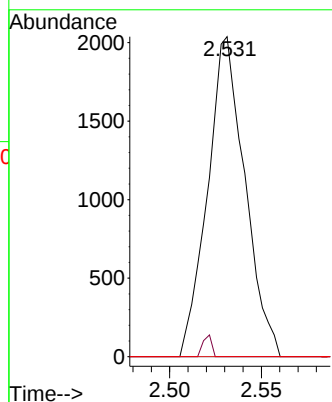
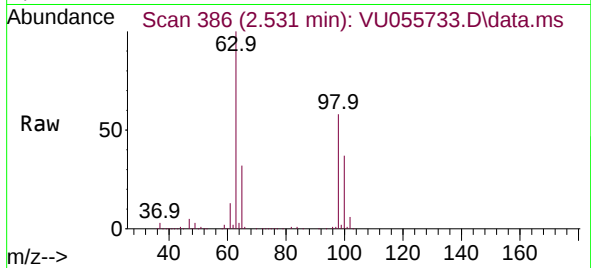




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.707 ug/L
RT: 2.531 min Scan# 31
Delta R.T. -0.048 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

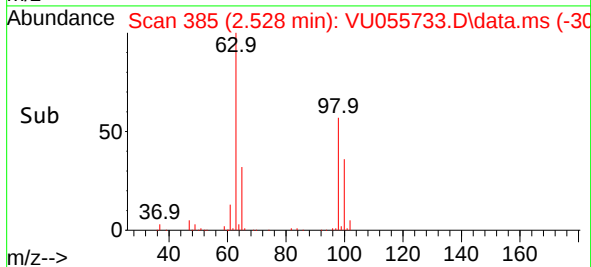
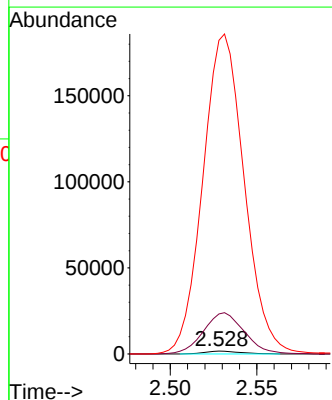
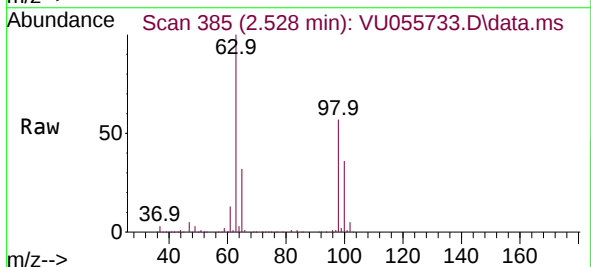
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MSVOA_U
ClientSampleId :

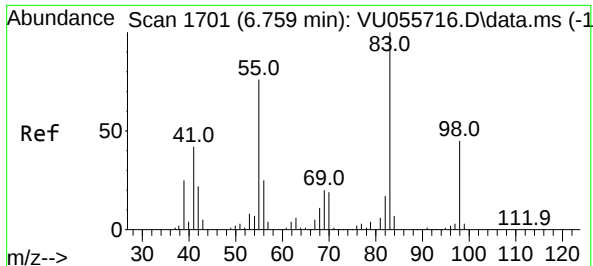
Tgt Ion:101 Resp: 2882
Ion Ratio Lower Upper
101 100
85 1.6 37.1 55.7#
151 0.0 58.2 87.4#



#12
1,1-Dichloroethene
Concen: 0.659 ug/L
RT: 2.528 min Scan# 385
Delta R.T. -0.051 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

Tgt Ion: 96 Resp: 2390
Ion Ratio Lower Upper
96 100
61 1396.7 122.0 226.6#
63 10969.8 93.7 174.1#

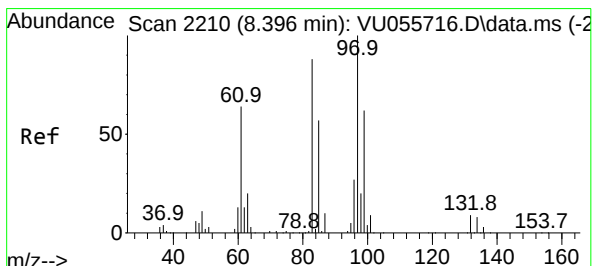
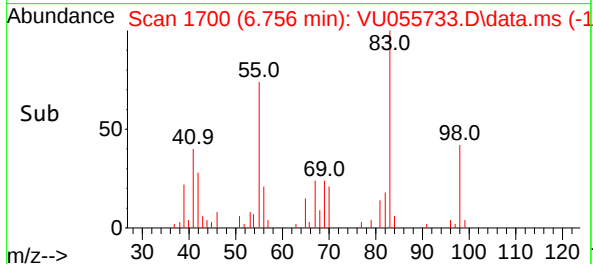
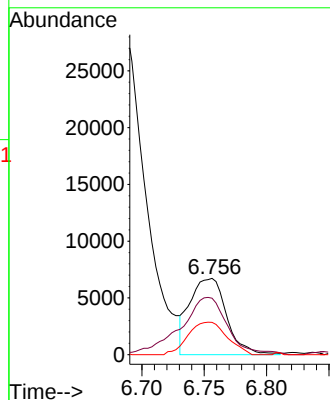
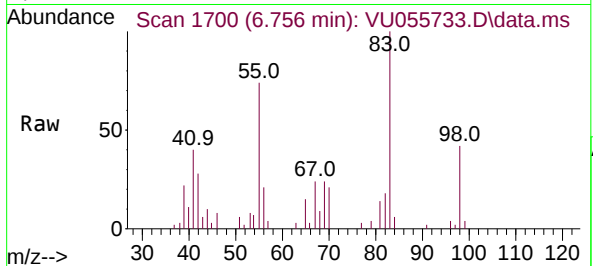




#35
Methylcyclohexane
Concen: 2.063 ug/L
RT: 6.756 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

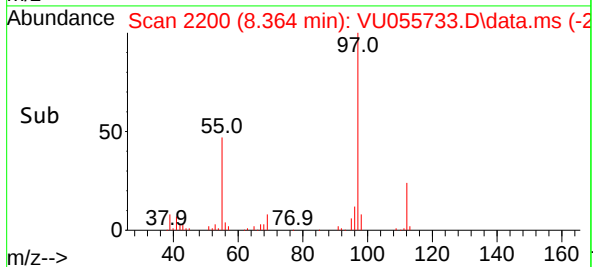
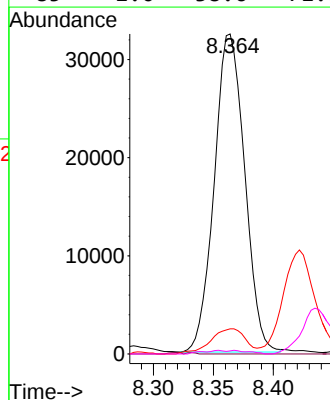
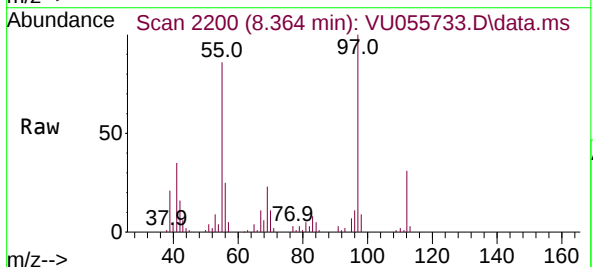
Instrument :
MSVOA_U
ClientSampleId :

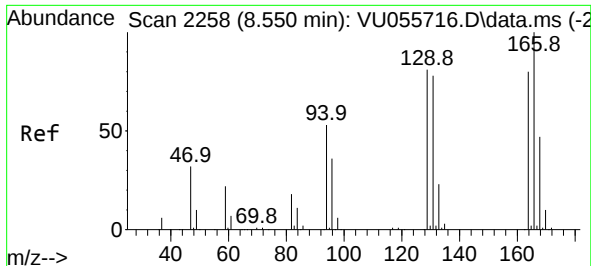
Tgt Ion: 83 Resp: 13795
Ion Ratio Lower Upper
83 100
55 89.0 61.2 91.8
98 45.1 35.8 53.6



#45
1,1,2-Trichloroethane
Concen: 12.468 ug/L
RT: 8.364 min Scan# 2200
Delta R.T. -0.032 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

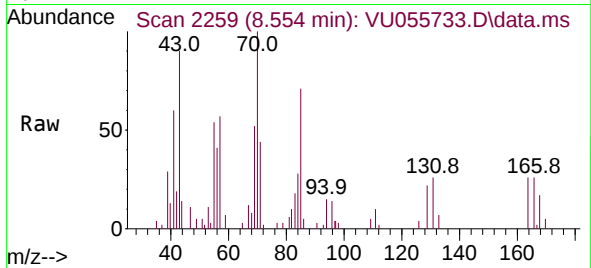
Tgt Ion: 97 Resp: 57028
Ion Ratio Lower Upper
97 100
99 0.0 44.4 82.5#
83 7.9 60.4 112.2#
85 1.0 38.6 71.8#



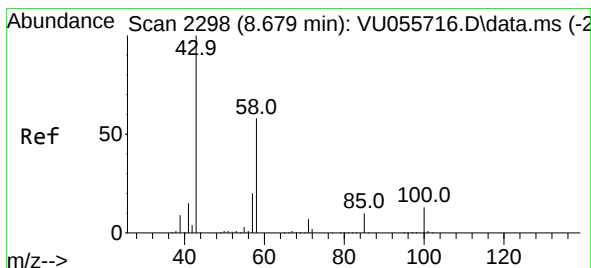
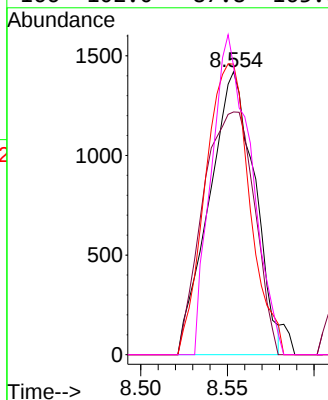
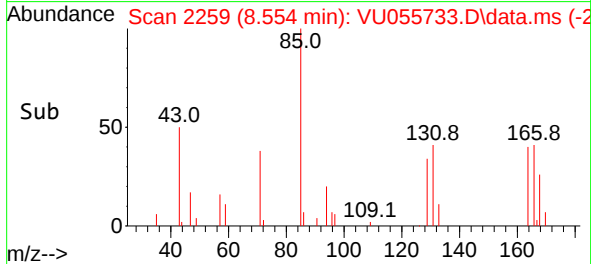


#46
Tetrachloroethene
Concen: 0.785 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

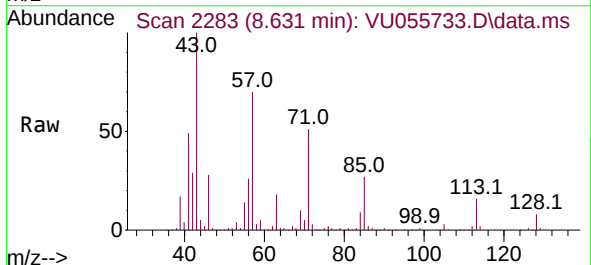
Instrument :
MSVOA_U
ClientSampleId :



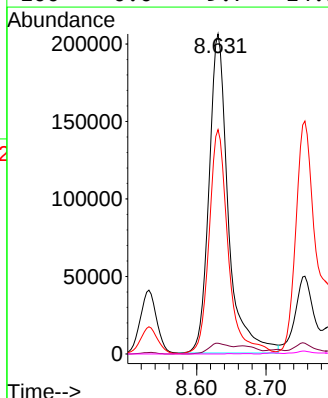
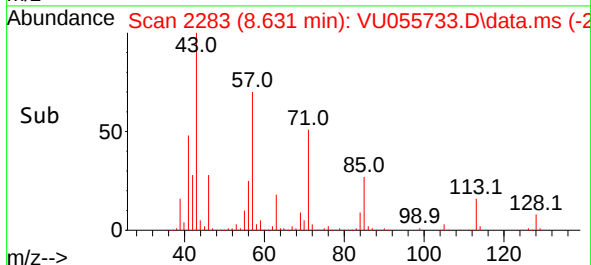
Tgt Ion:164 Resp: 2589
Ion Ratio Lower Upper
164 100
129 85.8 70.7 131.3
131 102.7 65.9 122.5
166 102.0 87.8 163.0

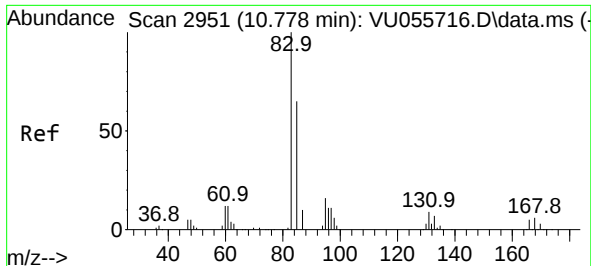


#48
2-Hexanone
Concen: 72.923 ug/L
RT: 8.631 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02



Tgt Ion: 43 Resp: 397496
Ion Ratio Lower Upper
43 100
58 3.7 45.2 67.8#
57 69.2 16.1 24.1#
100 0.0 9.7 14.5#

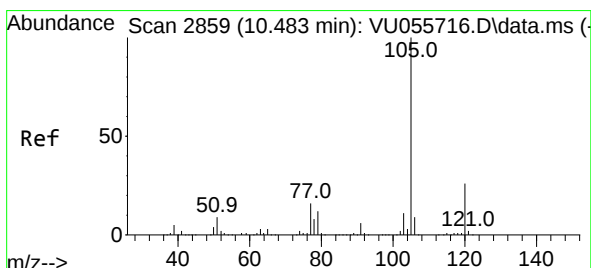
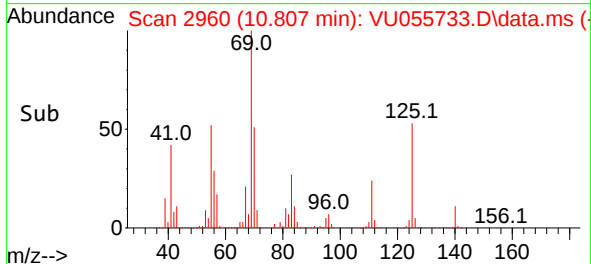
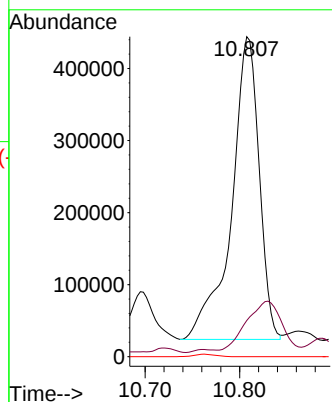
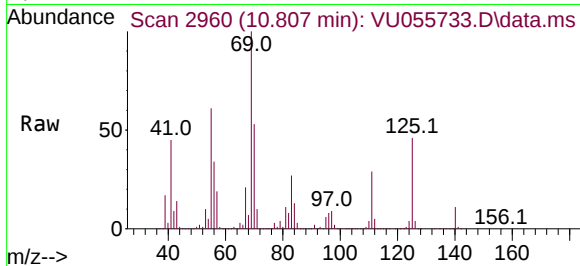




#57
1,1,2-Tetrachloroethane
Concen: 109.284 ug/L
RT: 10.807 min Scan# 2951
Delta R.T. 0.029 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

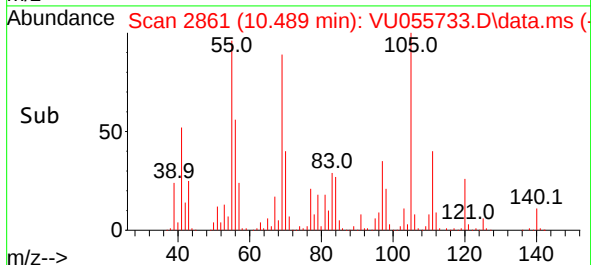
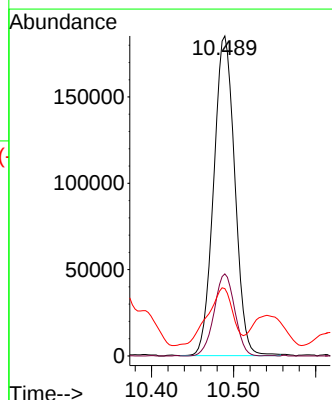
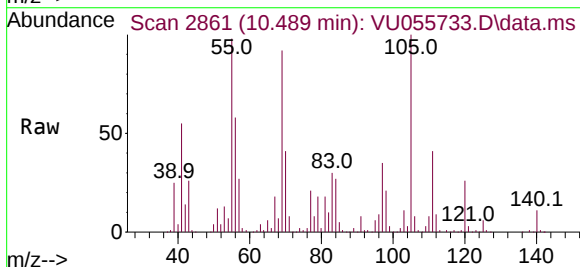
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ClientSampleId :

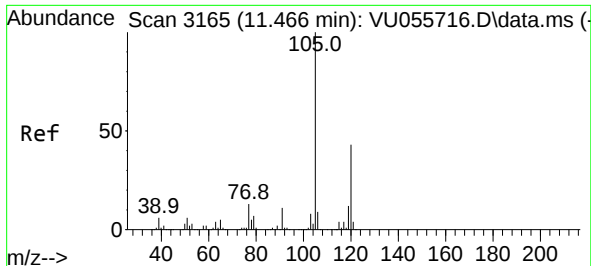
Tgt Ion: 83 Resp: 855918
Ion Ratio Lower Upper
83 100
85 11.3 44.9 83.5#
131 0.0 7.3 10.9#



#61
Isopropylbenzene
Concen: 17.404 ug/L
RT: 10.489 min Scan# 2861
Delta R.T. 0.007 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

Tgt Ion:105 Resp: 330565
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 19.8 13.4 20.0

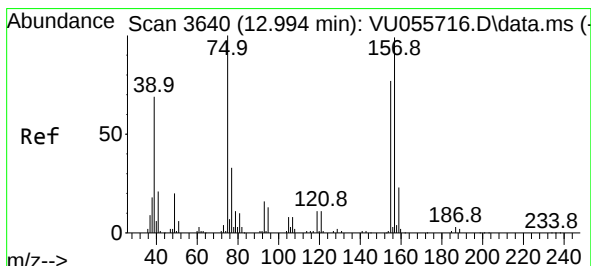
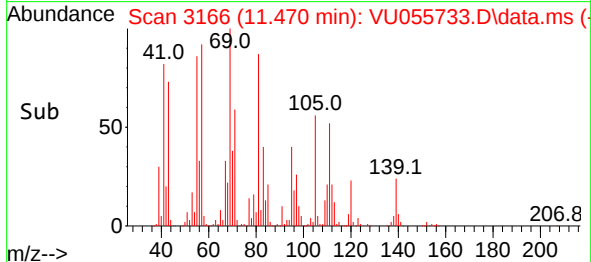
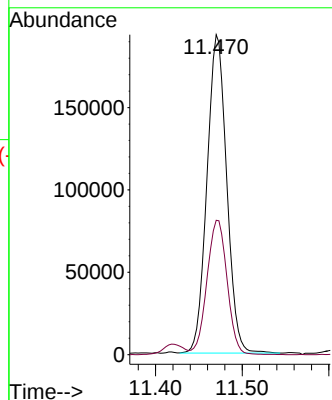
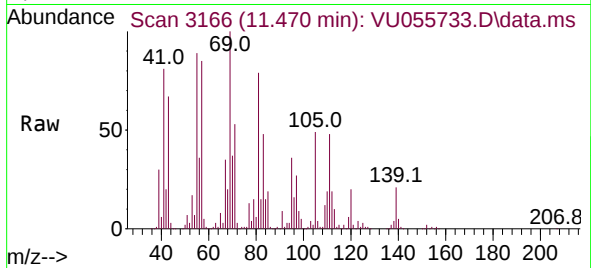




#63
1,2,4-Trimethylbenzene
Concen: 20.116 ug/L
RT: 11.470 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

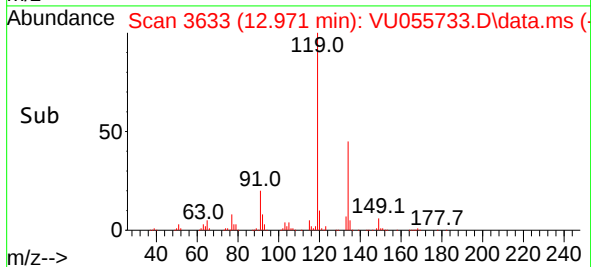
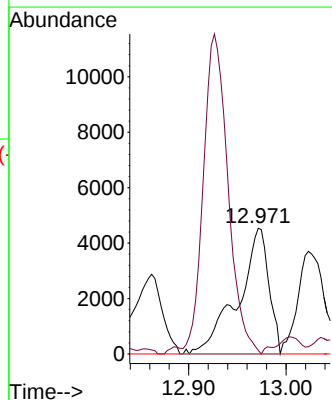
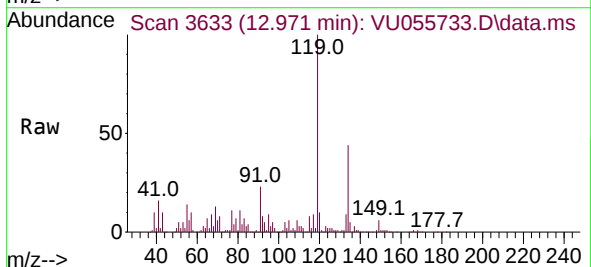
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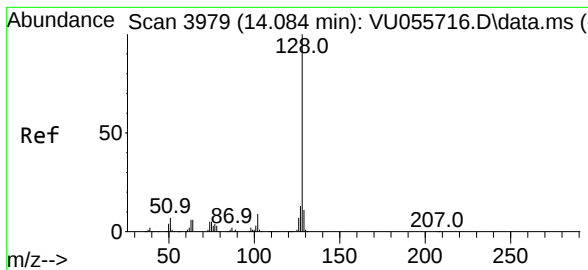
Tgt Ion:105 Resp: 305701
Ion Ratio Lower Upper
105 100
120 42.9 35.0 52.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.048 ug/L
RT: 12.971 min Scan# 3633
Delta R.T. -0.022 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

Tgt Ion: 75 Resp: 9980
Ion Ratio Lower Upper
75 100
155 3.0 59.6 89.4#
157 0.0 77.7 116.5#





#71
Naphthalene
Concen: 9.889 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 153241
Ion Ratio Lower Upper
128 100
127 14.6 10.6 16.0
129 11.8 8.7 13.1

