

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055097.D
 Acq On : 05 Sep 2023 16:25
 Operator : MD/SY
 Sample : 04250-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

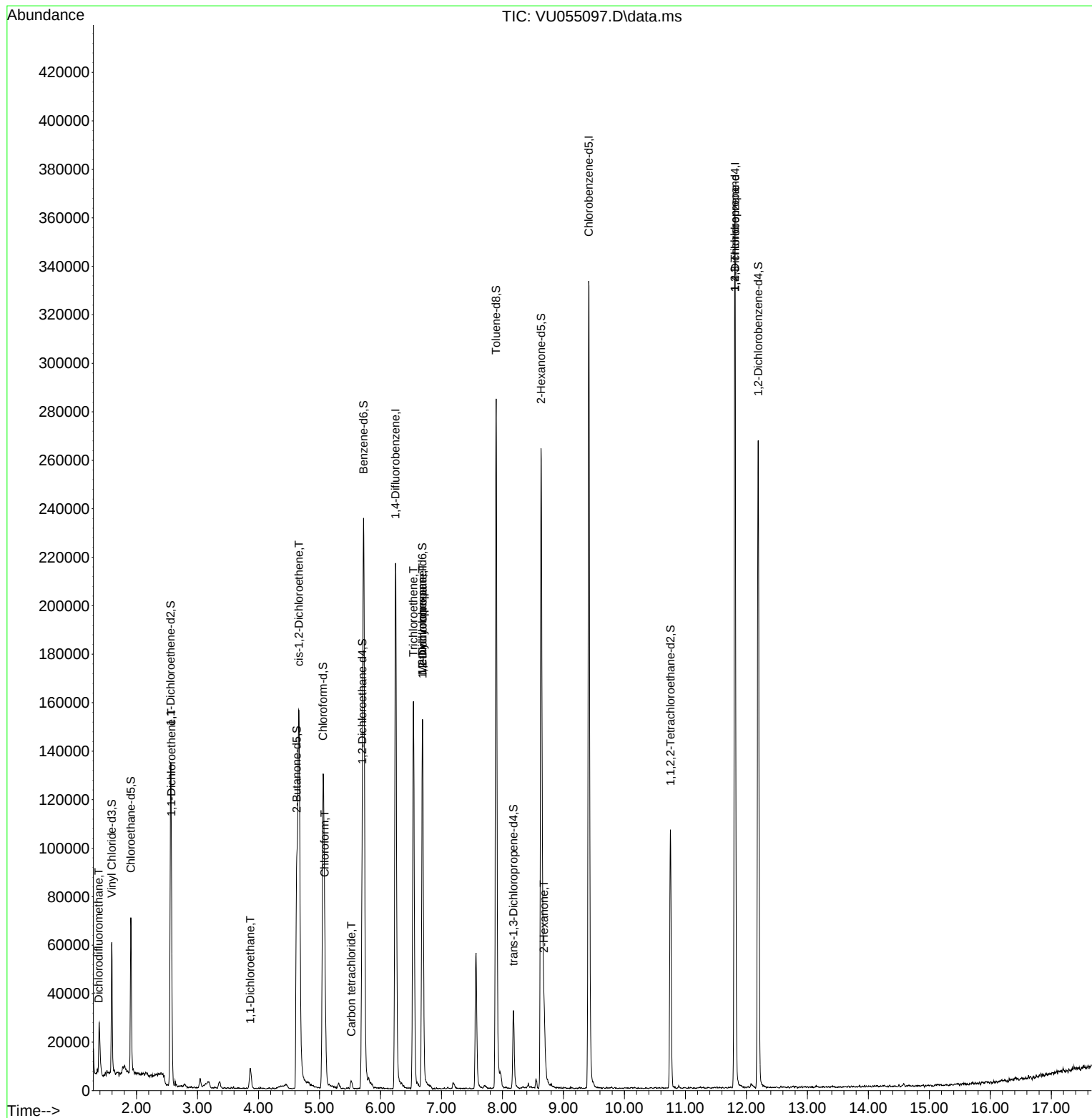
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173621	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37429	4.600	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.907	69	44790	4.755	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.560	65	22857	4.930	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.600%	
20) 2-Butanone-d5	4.627	46	136685	57.884	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.760%	
24) Chloroform-d	5.058	84	110118	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.701	65	57509	5.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	5.724	84	215828	4.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
36) 1,2-Dichloropropane-d6	6.688	67	71916	5.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.897	98	190854	4.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.180	79	19176	4.975	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.600%	
46) 2-Hexanone-d5	8.634	63	88772	56.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.460%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51307	5.213	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	68017	4.974	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1069	0.106	ug/L #	85
12) 1,1-Dichloroethene	2.573	96	9788	1.219	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	9249	0.526	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	71709	7.193	ug/L	94
25) Chloroform	5.087	83	38238	2.086	ug/L	97
31) Carbon tetrachloride	5.521	117	2145	0.167	ug/L	96
34) Trichloroethene	6.541	95	54166	5.137	ug/L	97
35) Methylcyclohexane	6.688	83	16228	1.097	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	8380	0.811	ug/L #	88
48) 2-Hexanone	8.682	43	17210	3.729	ug/L #	78
61) 1,2,3-Trichloropropane	11.810	75	13247	2.131	ug/L #	72

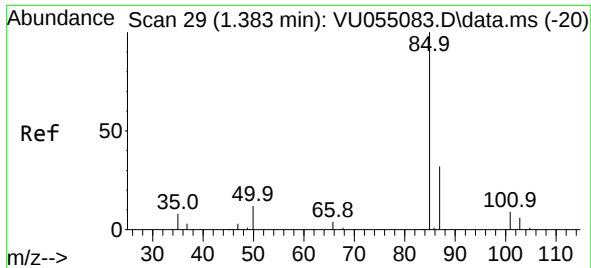
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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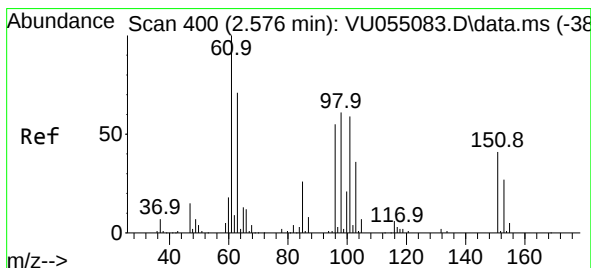
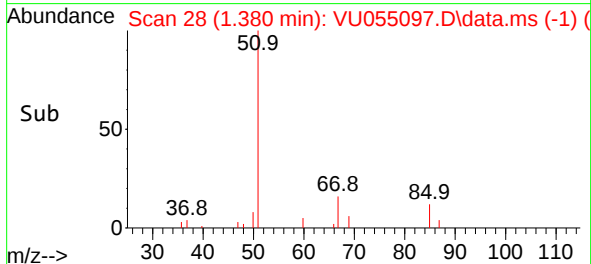
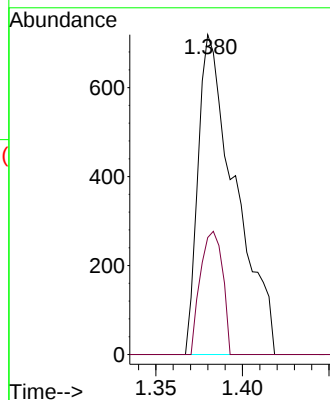
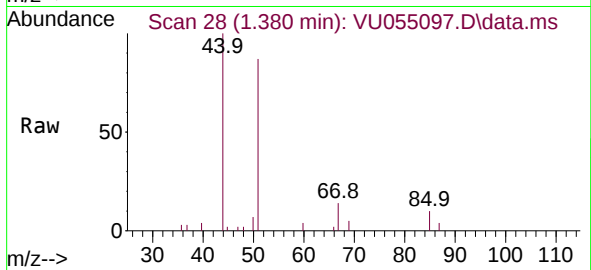




#2
 Dichlorodifluoromethane
 Concen: 0.106 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055097.D
 Acq: 05 Sep 2023 16:25

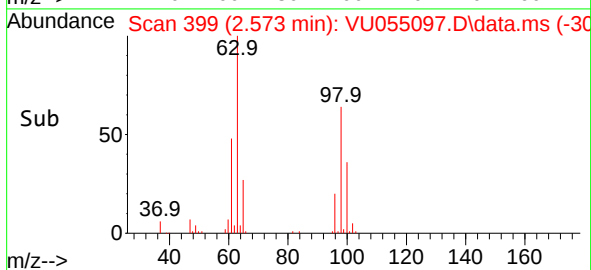
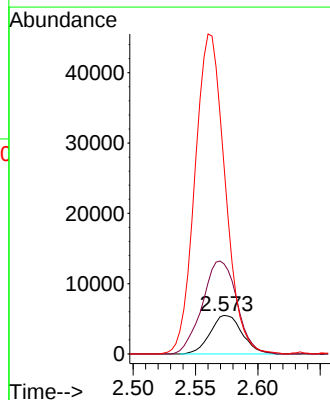
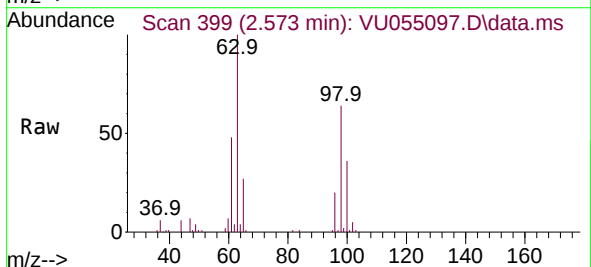
Instrument :
 MSVOA_U
 ClientSampleId :

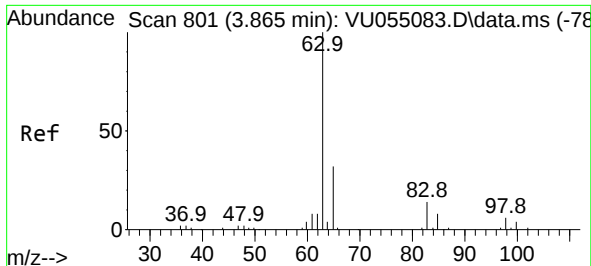
Tgt Ion: 85 Resp: 1069
 Ion Ratio Lower Upper
 85 100
 87 23.0 25.1 37.7#



#12
 1,1-Dichloroethene
 Concen: 1.219 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055097.D
 Acq: 05 Sep 2023 16:25

Tgt Ion: 96 Resp: 9788
 Ion Ratio Lower Upper
 96 100
 61 233.8 120.8 224.4#
 63 488.2 94.5 175.5#





#19

1,1-Dichloroethane

Concen: 0.526 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU055097.D

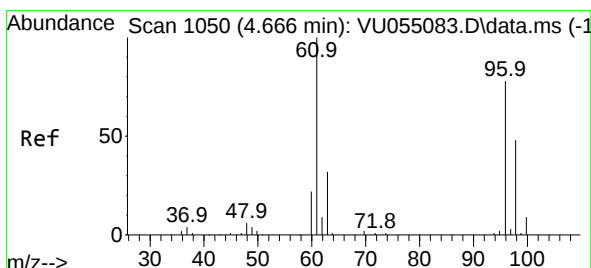
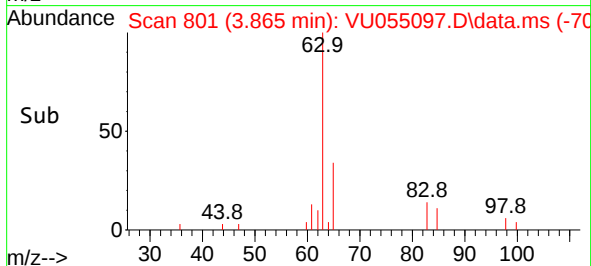
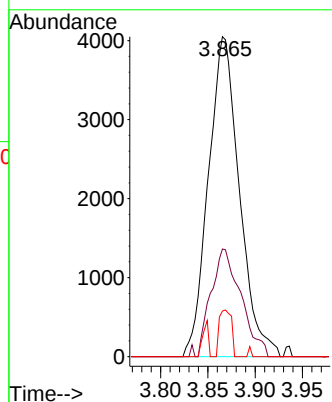
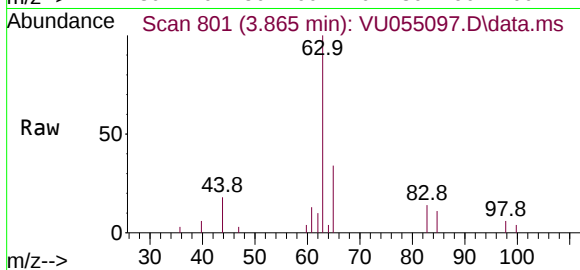
Acq: 05 Sep 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	9249
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.2	41.2
83	14.2	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 7.193 ug/L

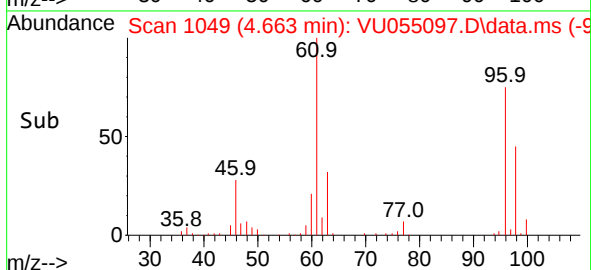
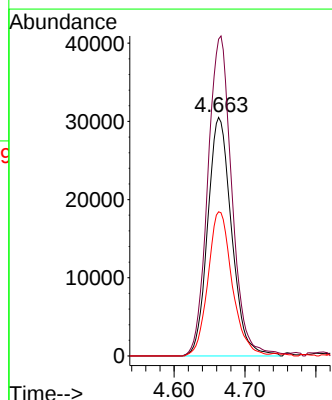
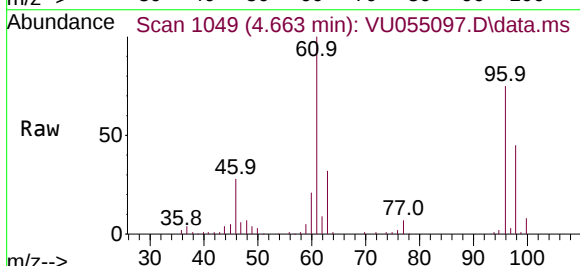
RT: 4.663 min Scan# 1049

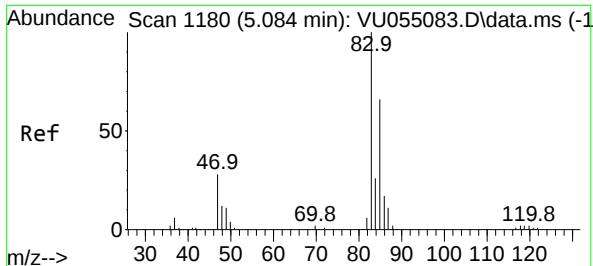
Delta R.T. -0.003 min

Lab File: VU055097.D

Acq: 05 Sep 2023 16:25

Tgt Ion:	96	Resp:	71709
Ion	Ratio	Lower	Upper
96	100		
61	132.8	97.2	180.4
98	60.4	46.1	85.7





#25

Chloroform

Concen: 2.086 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055097.D

Acq: 05 Sep 2023 16:25

Instrument :

MSVOA_U

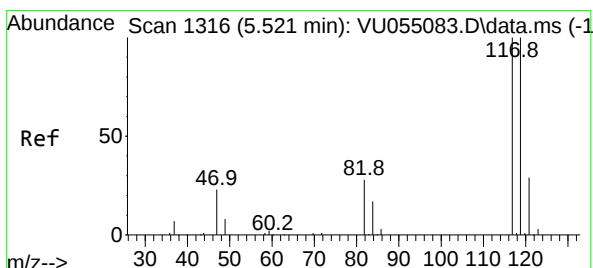
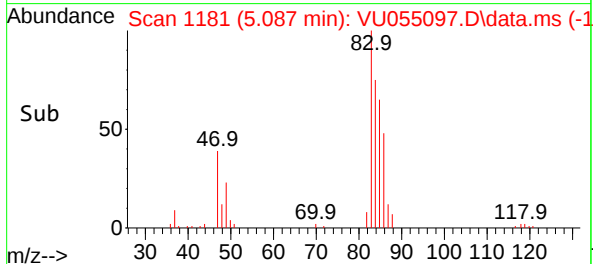
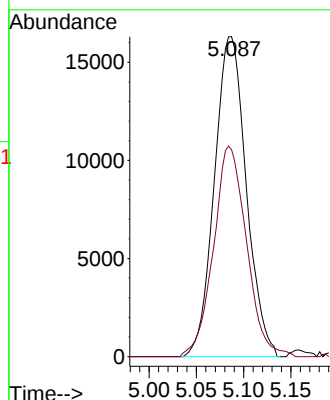
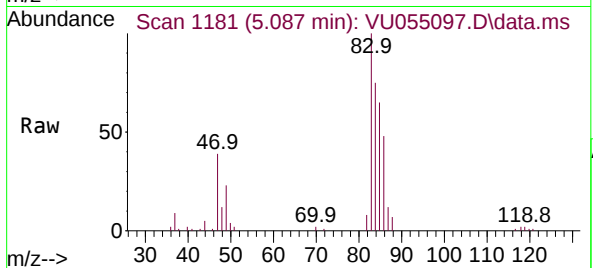
ClientSampleId :

Tgt Ion: 83 Resp: 38238

Ion Ratio Lower Upper

83 100

85 64.7 47.2 87.6



#31

Carbon tetrachloride

Concen: 0.167 ug/L

RT: 5.521 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VU055097.D

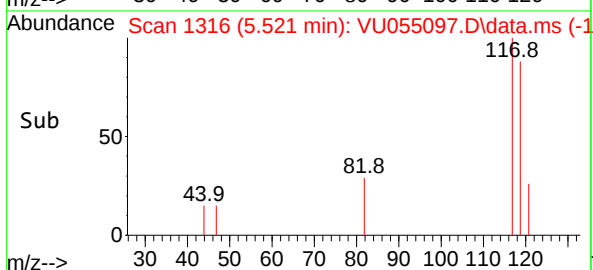
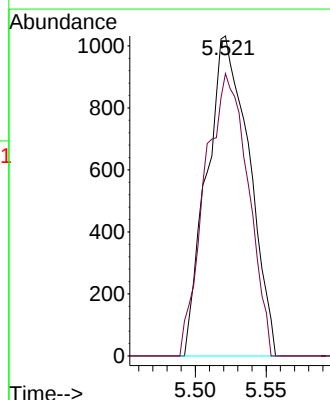
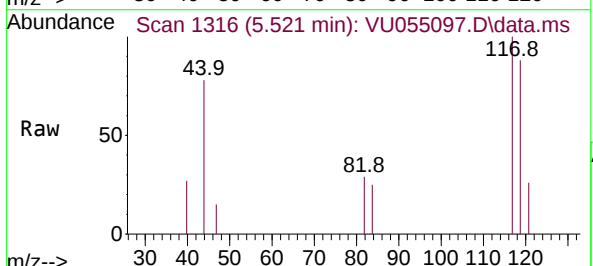
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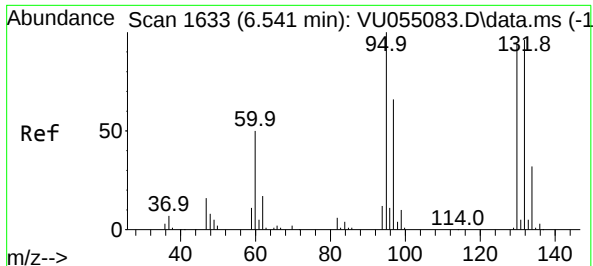
Tgt Ion: 117 Resp: 2145

Ion Ratio Lower Upper

117 100

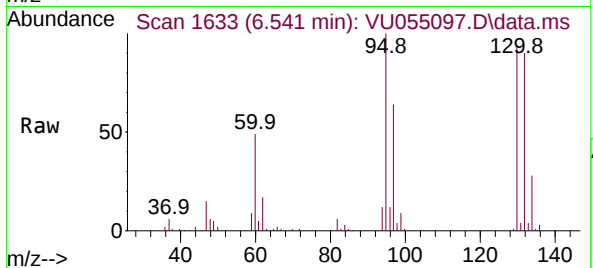
119 90.2 75.4 113.0



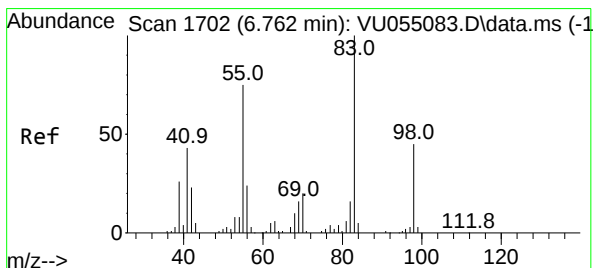
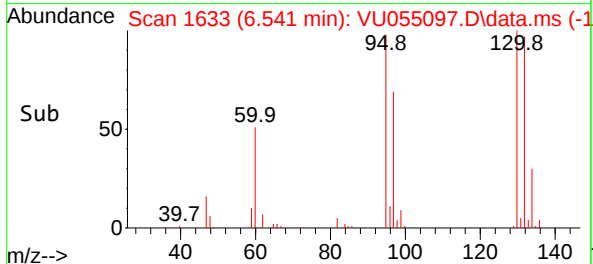
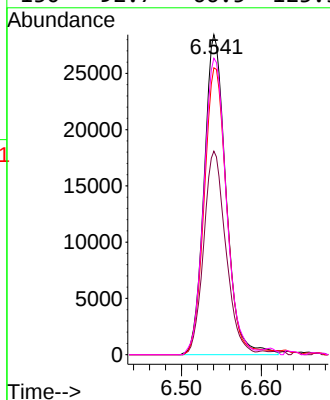


#34
Trichloroethene
Concen: 5.137 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Instrument :
MSVOA_U
ClientSampleId :

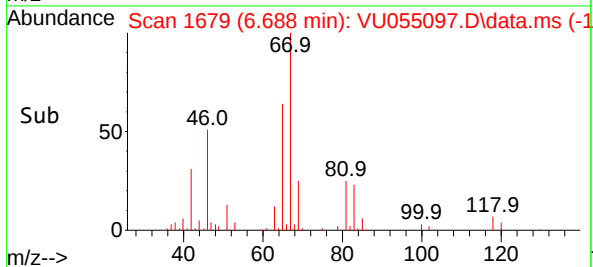
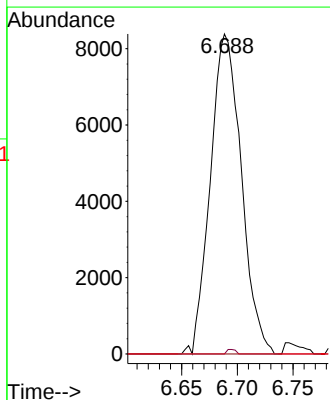
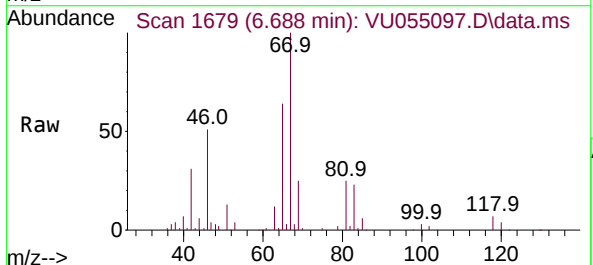


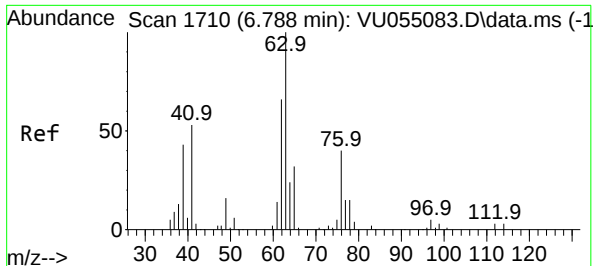
Tgt Ion: 95 Resp: 54166
Ion Ratio Lower Upper
95 100
97 63.6 44.7 83.1
132 89.6 66.6 123.6
130 92.7 66.5 123.5



#35
Methylcyclohexane
Concen: 1.097 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Tgt Ion: 83 Resp: 16228
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.0 35.3 52.9#

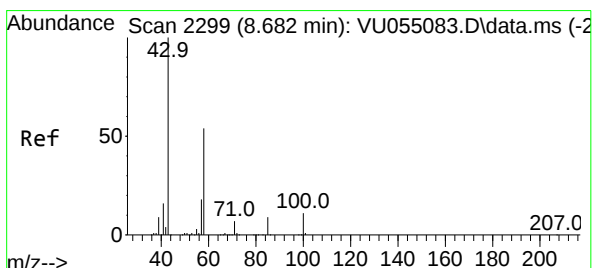
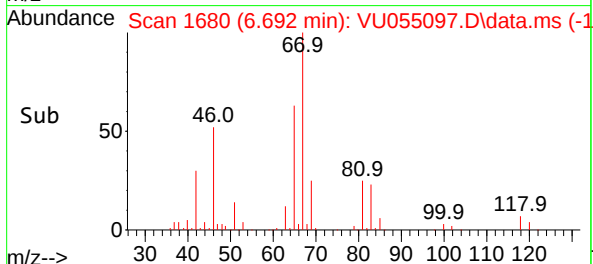
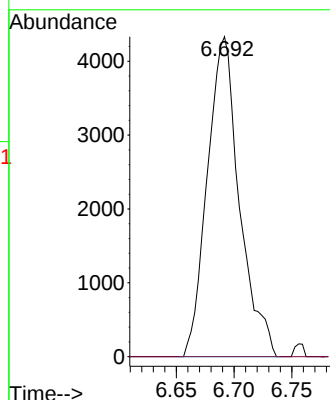
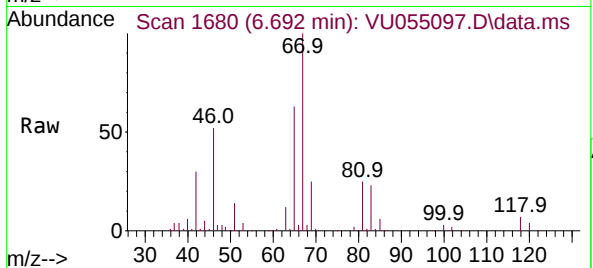




#37
1,2-Dichloropropane
Concen: 0.811 ug/L
RT: 6.692 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

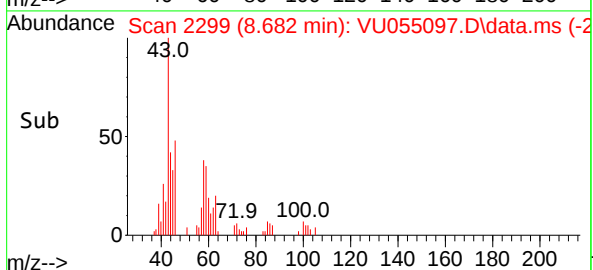
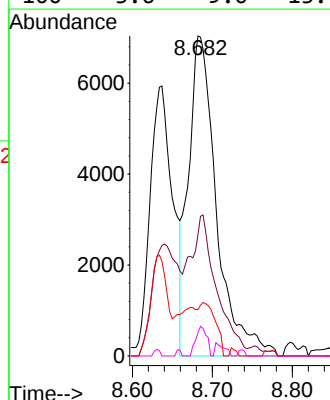
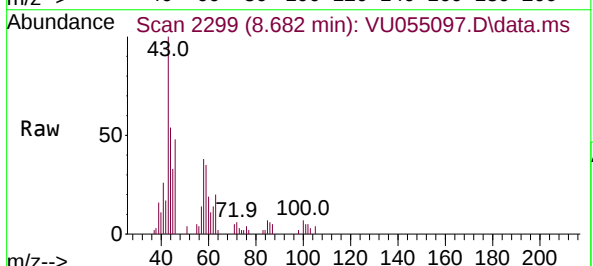
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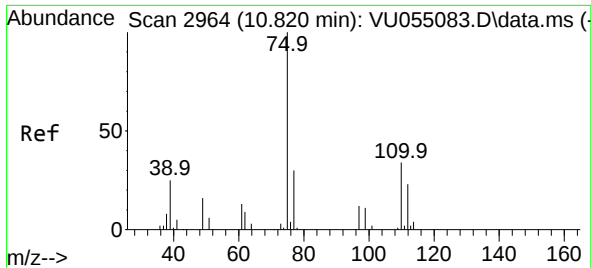
Tgt Ion: 63 Resp: 8380
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 3.729 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055097.D
Acq: 05 Sep 2023 16:25

Tgt Ion: 43 Resp: 17210
Ion Ratio Lower Upper
43 100
58 39.0 44.0 66.0#
57 9.3 16.2 24.2#
100 3.6 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.131 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

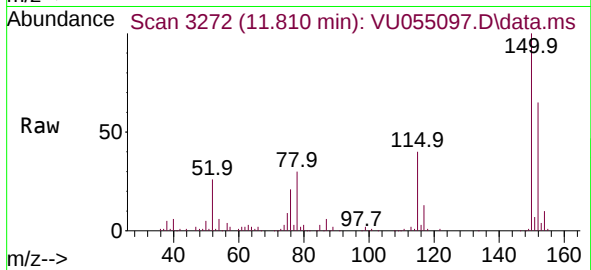
Lab File: VU055097.D

Acq: 05 Sep 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13247
Ion	Ratio	Lower	Upper
75	100		
110	3.6	28.2	42.2#
77	32.4	26.2	39.4

