

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055053.D
 Acq On : 01 Sep 2023 20:26
 Operator : MD/SY
 Sample : 04230-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:50:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

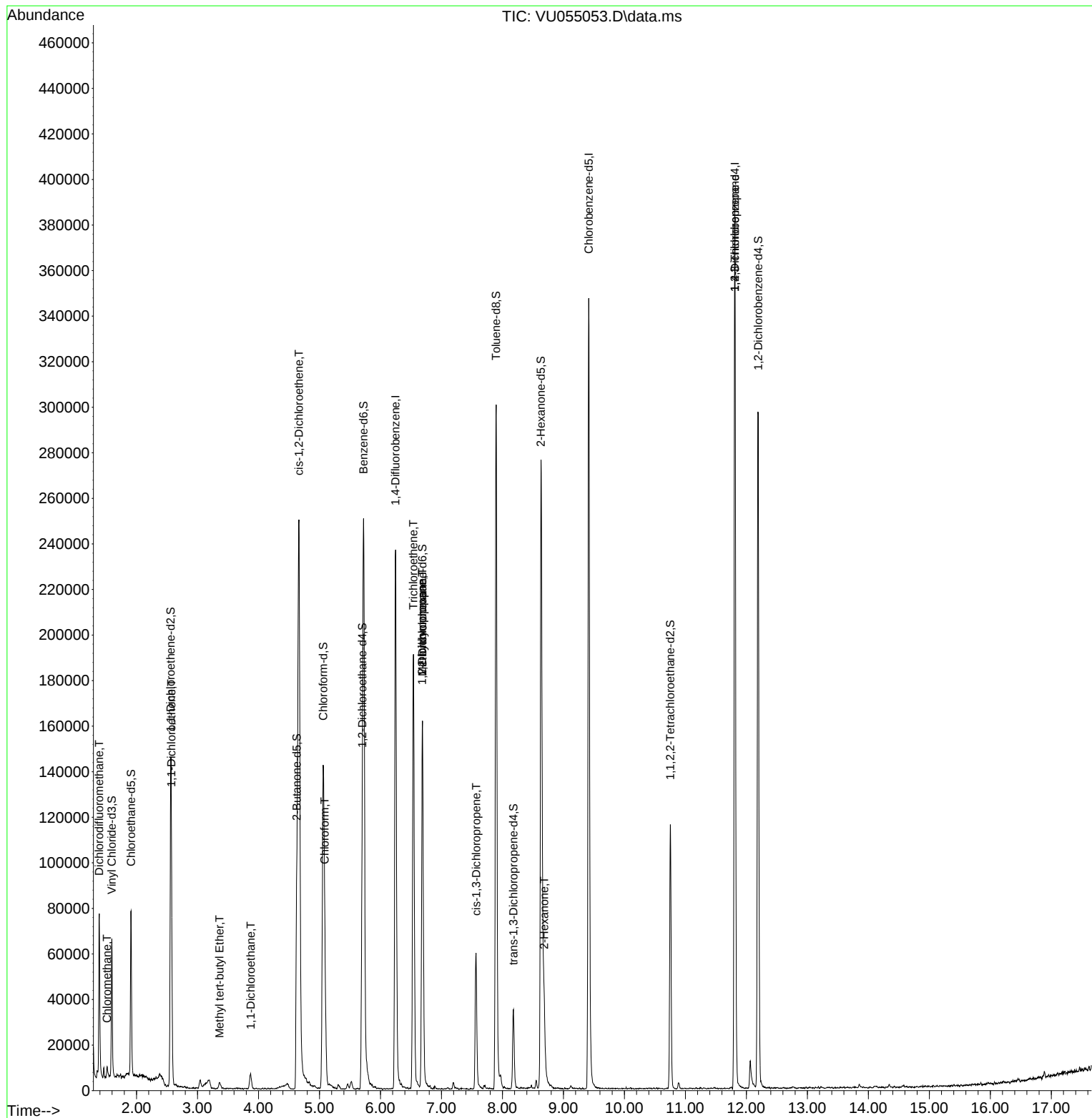
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41466	4.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.911	69	50169	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	24845	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.628	46	149535	57.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.960%
24) Chloroform-d	5.062	84	117591	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.701	65	63360	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	233767	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.689	67	76740	5.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.898	98	207831	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.180	79	19741	4.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	89513	53.399	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55422	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	75949	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	1790	0.162	ug/L	91
3) Chloromethane	1.515	50	3745	0.334	ug/L	99
12) 1,1-Dichloroethene	2.573	96	11264	1.285	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	2723	0.118	ug/L	93
19) 1,1-Dichloroethane	3.872	63	7397	0.385	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	115577	10.615	ug/L	98
25) Chloroform	5.087	83	47540	2.375	ug/L	92
34) Trichloroethene	6.541	95	63502	5.622	ug/L	97
35) Methylcyclohexane	6.689	83	16839	1.062	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8483	0.767	ug/L #	88
39) cis-1,3-Dichloropropene	7.570	75	1689	0.112	ug/L #	75
48) 2-Hexanone	8.685	43	18546	3.751	ug/L #	90
61) 1,2,3-Trichloropropane	11.811	75	13438	2.054	ug/L #	68

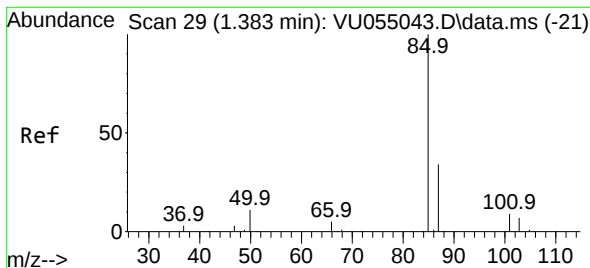
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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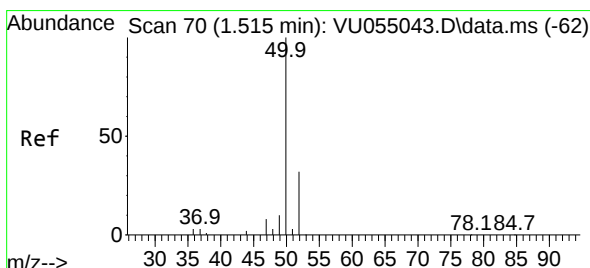
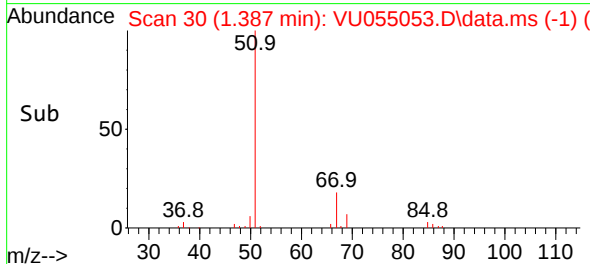
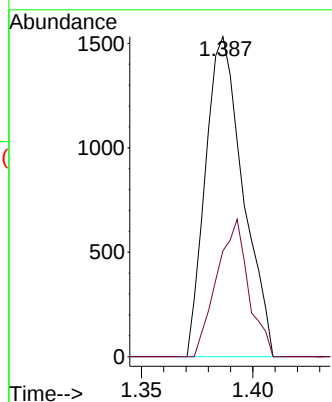
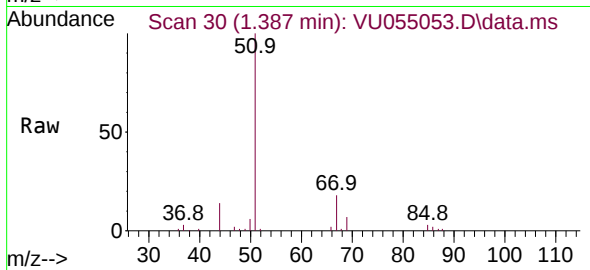




#2
 Dichlorodifluoromethane
 Concen: 0.162 ug/L
 RT: 1.387 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU055053.D
 Acq: 01 Sep 2023 20:26

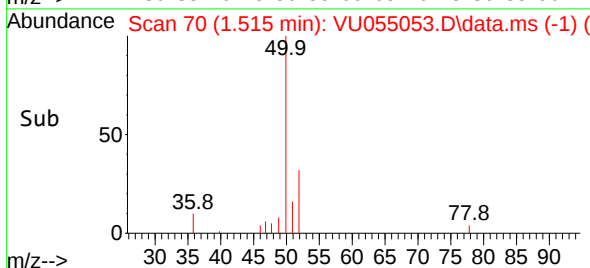
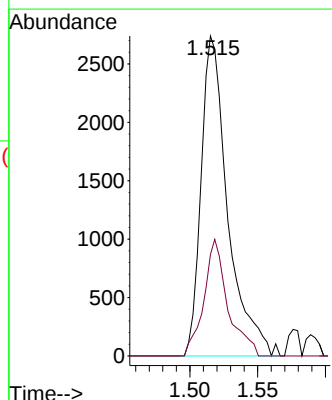
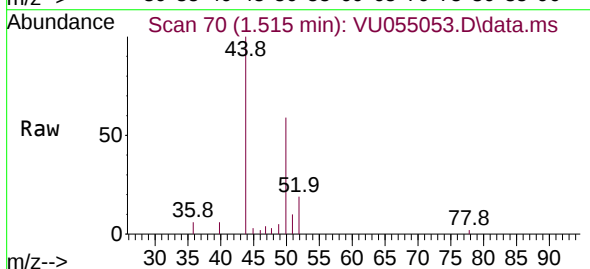
Instrument :
 MSVOA_U
 ClientSampleId :

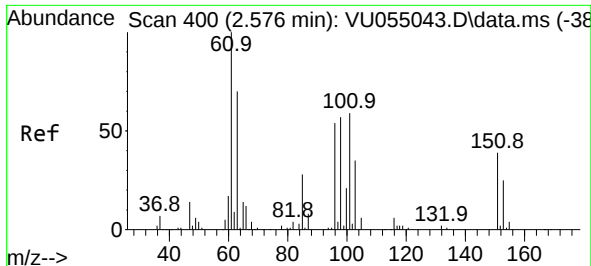
Tgt Ion: 85 Resp: 1790
 Ion Ratio Lower Upper
 85 100
 87 36.4 25.1 37.7



#3
 Chloromethane
 Concen: 0.334 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055053.D
 Acq: 01 Sep 2023 20:26

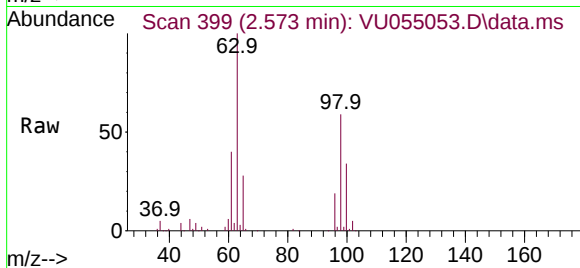
Tgt Ion: 50 Resp: 3745
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.5 41.7



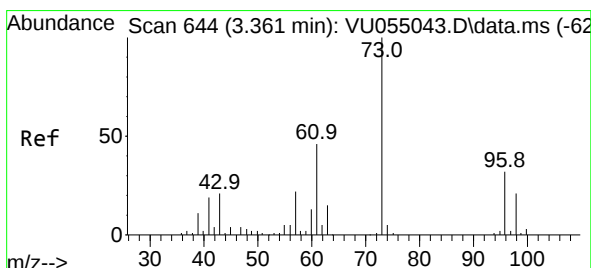
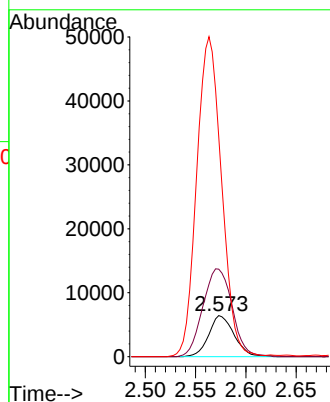
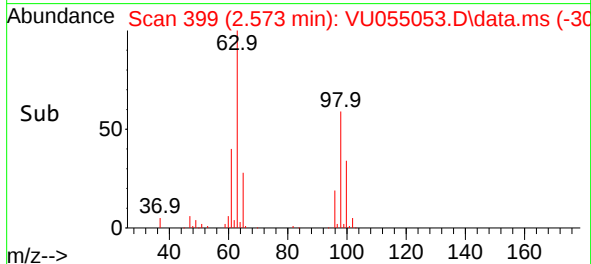


#12
1,1-Dichloroethene
Concen: 1.285 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU055053.D
Acq: 01 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

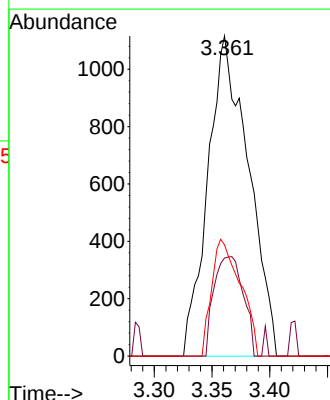
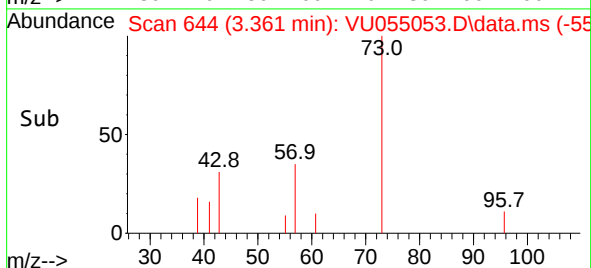
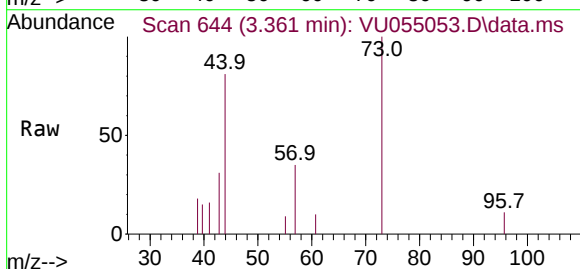


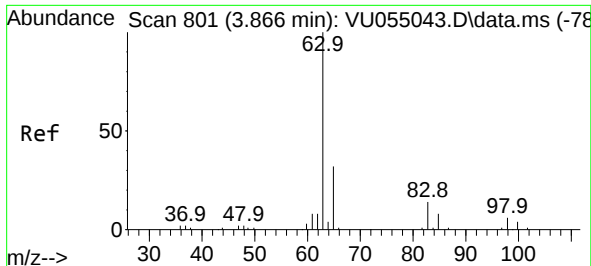
Tgt Ion: 96 Resp: 11264
Ion Ratio Lower Upper
96 100
61 195.8 120.8 224.4
63 491.3 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU055053.D
Acq: 01 Sep 2023 20:26

Tgt Ion: 73 Resp: 2723
Ion Ratio Lower Upper
73 100
43 22.4 16.2 24.2
57 26.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.385 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU055053.D

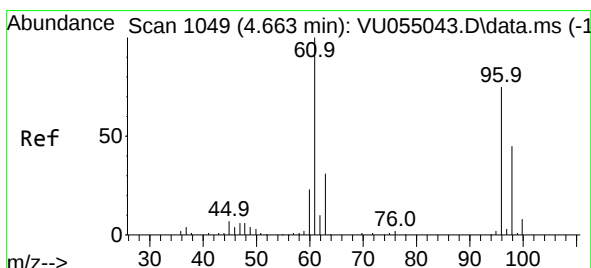
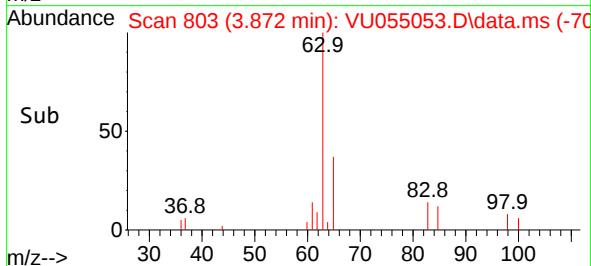
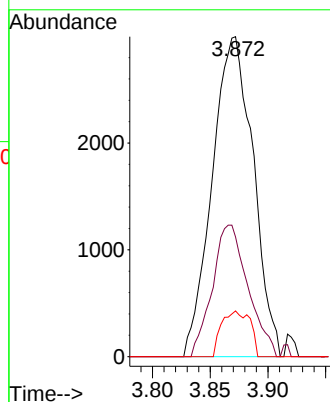
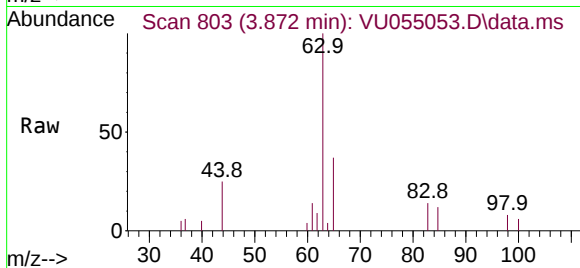
Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	7397
Ion	Ratio	Lower	Upper
63	100		
65	36.0	22.2	41.2
83	13.8	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 10.615 ug/L

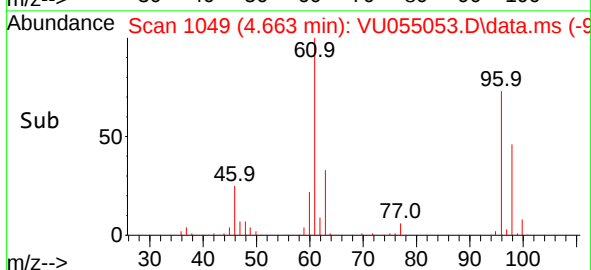
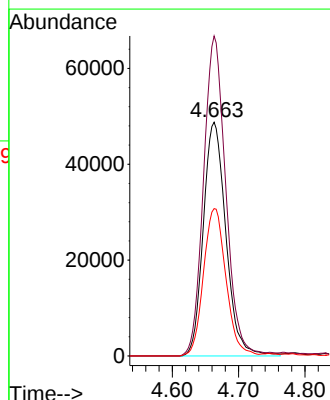
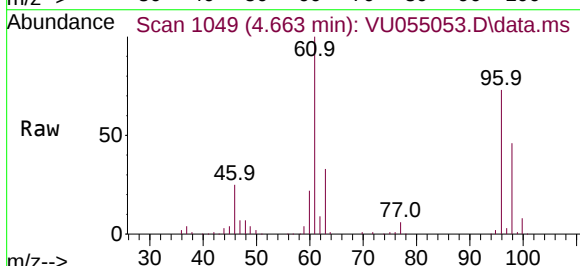
RT: 4.663 min Scan# 1049

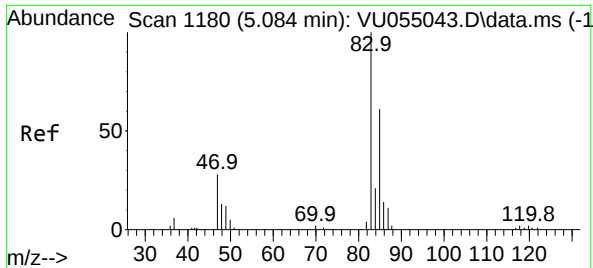
Delta R.T. 0.000 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Tgt Ion:	96	Resp:	115577
Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.2	180.4
98	63.0	46.1	85.7





#25

Chloroform

Concen: 2.375 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

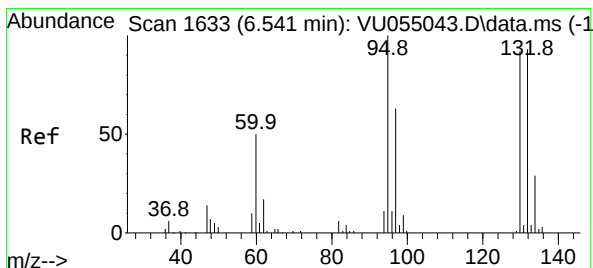
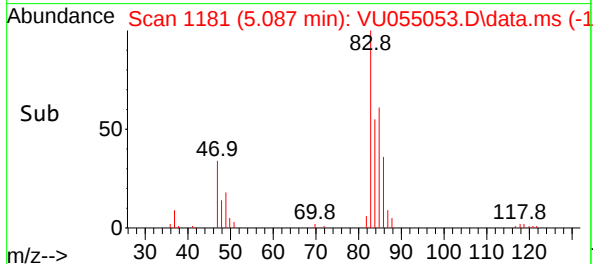
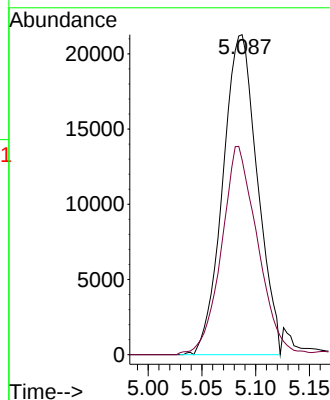
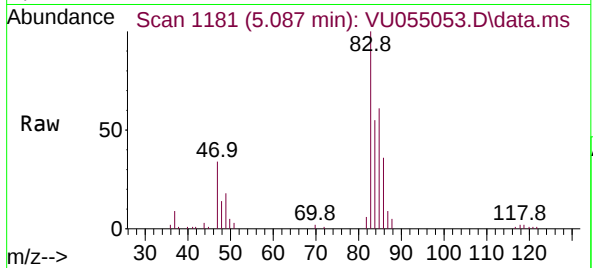
ClientSampleId :

Tgt Ion: 83 Resp: 47540

Ion Ratio Lower Upper

83 100

85 60.9 47.2 87.6



#34

Trichloroethene

Concen: 5.622 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Tgt Ion: 95 Resp: 63502

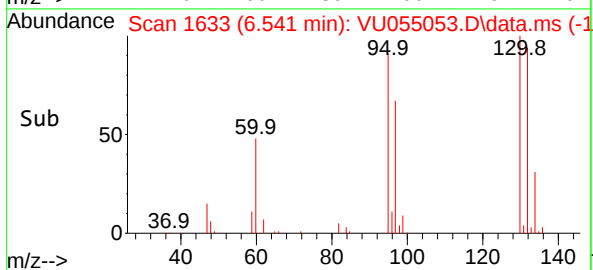
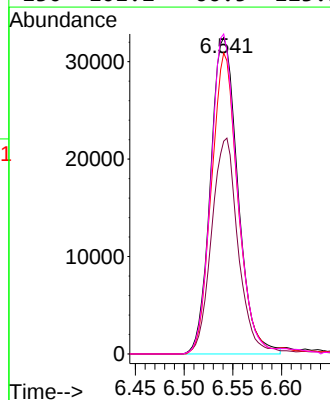
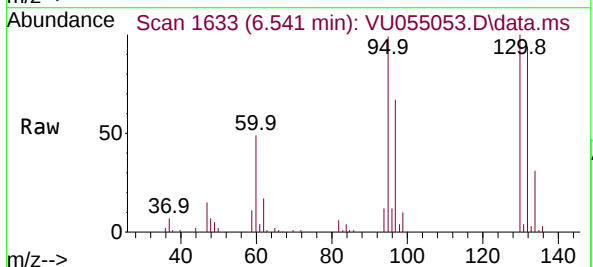
Ion Ratio Lower Upper

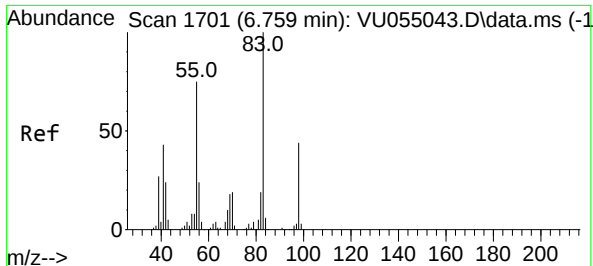
95 100

97 67.3 44.7 83.1

132 95.1 66.6 123.6

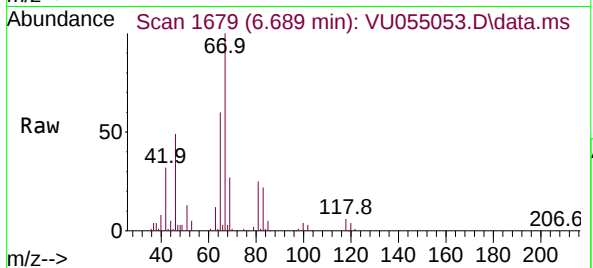
130 101.2 66.5 123.5



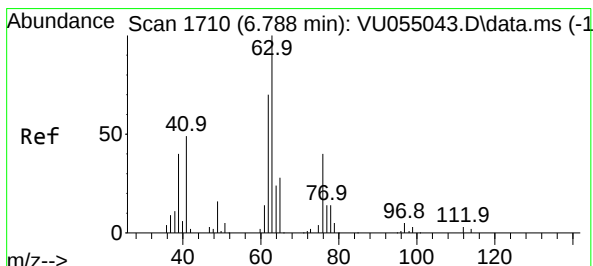
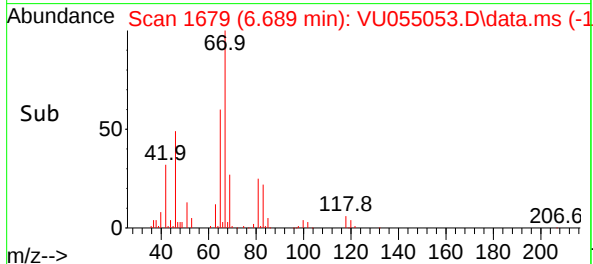
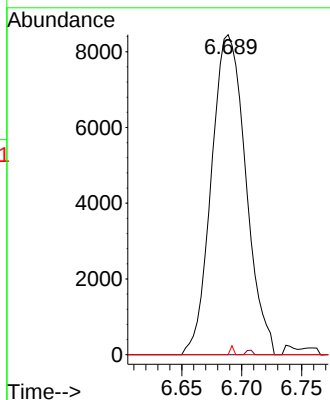


#35
Methylcyclohexane
Concen: 1.062 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055053.D
Acq: 01 Sep 2023 20:26

Instrument :
MSVOA_U
ClientSampleId :

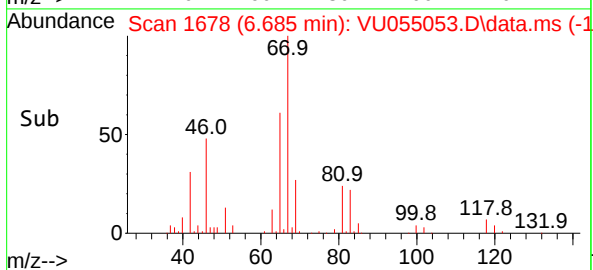
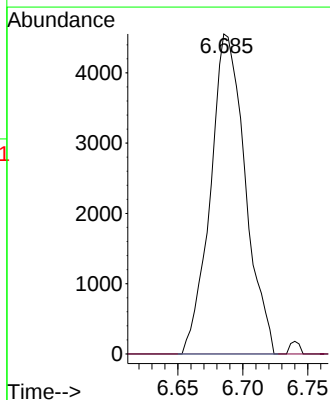
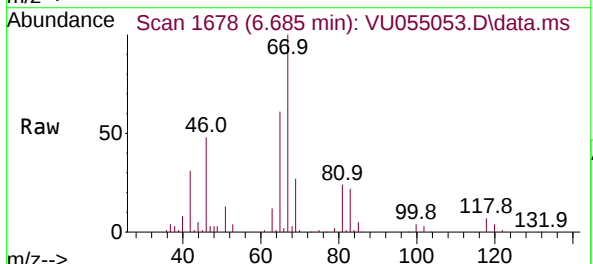


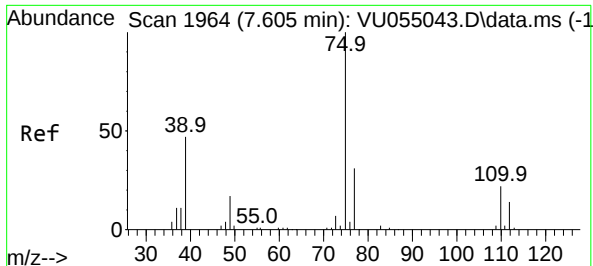
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.0	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.767 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055053.D
Acq: 01 Sep 2023 20:26

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





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.570 min Scan# 1964

Delta R.T. -0.035 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Instrument :

MSVOA_U

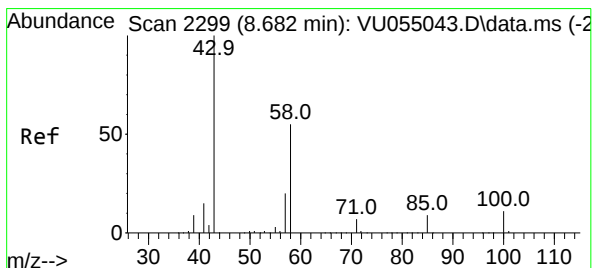
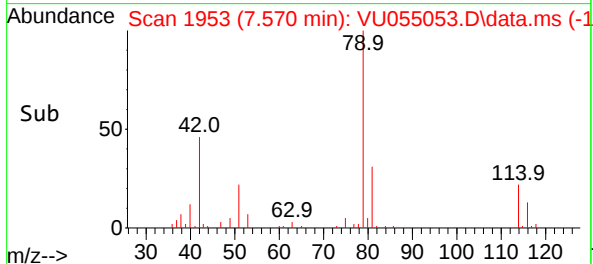
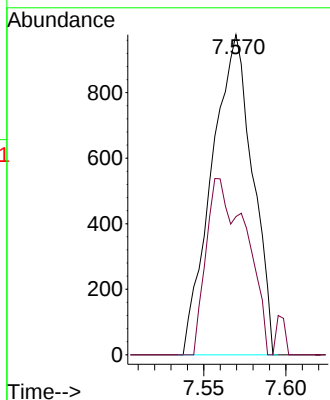
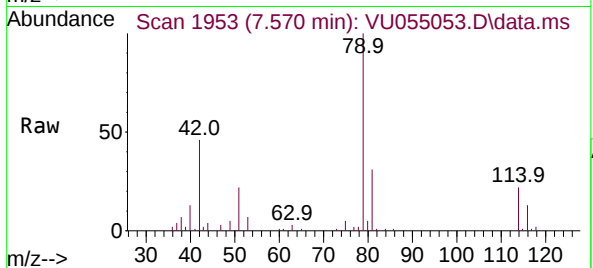
ClientSampleId :

Tgt Ion: 75 Resp: 1689

Ion Ratio Lower Upper

75 100

77 43.2 20.9 38.9#



#48

2-Hexanone

Concen: 3.751 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055053.D

Acq: 01 Sep 2023 20:26

Tgt Ion: 43 Resp: 18546

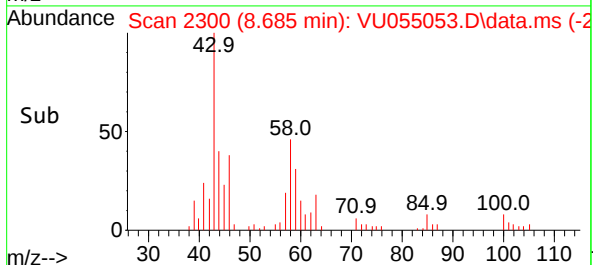
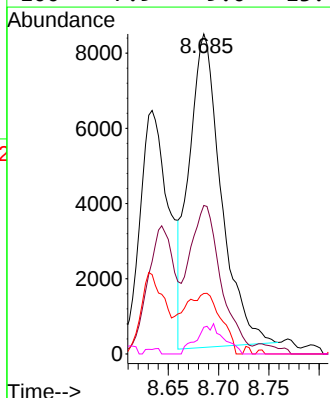
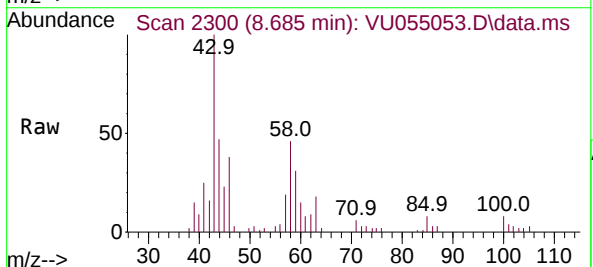
Ion Ratio Lower Upper

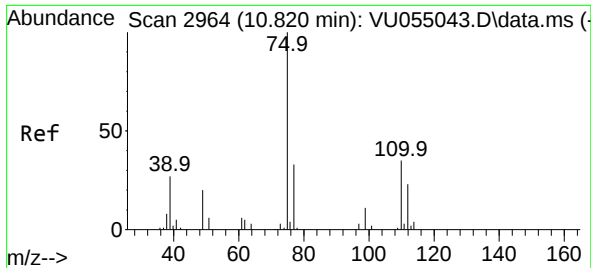
43 100

58 46.3 44.0 66.0

57 22.2 16.2 24.2

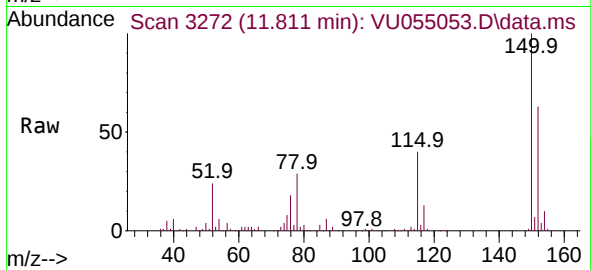
100 7.9 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.054 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055053.D
 Acq: 01 Sep 2023 20:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	13438
Ion	Ratio	Lower	Upper
75	100		
110	2.4	28.2	42.2#
77	35.8	26.2	39.4

