

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055106.D
 Acq On : 05 Sep 2023 20:03
 Operator : MD/SY
 Sample : 04230-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:20:53 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)

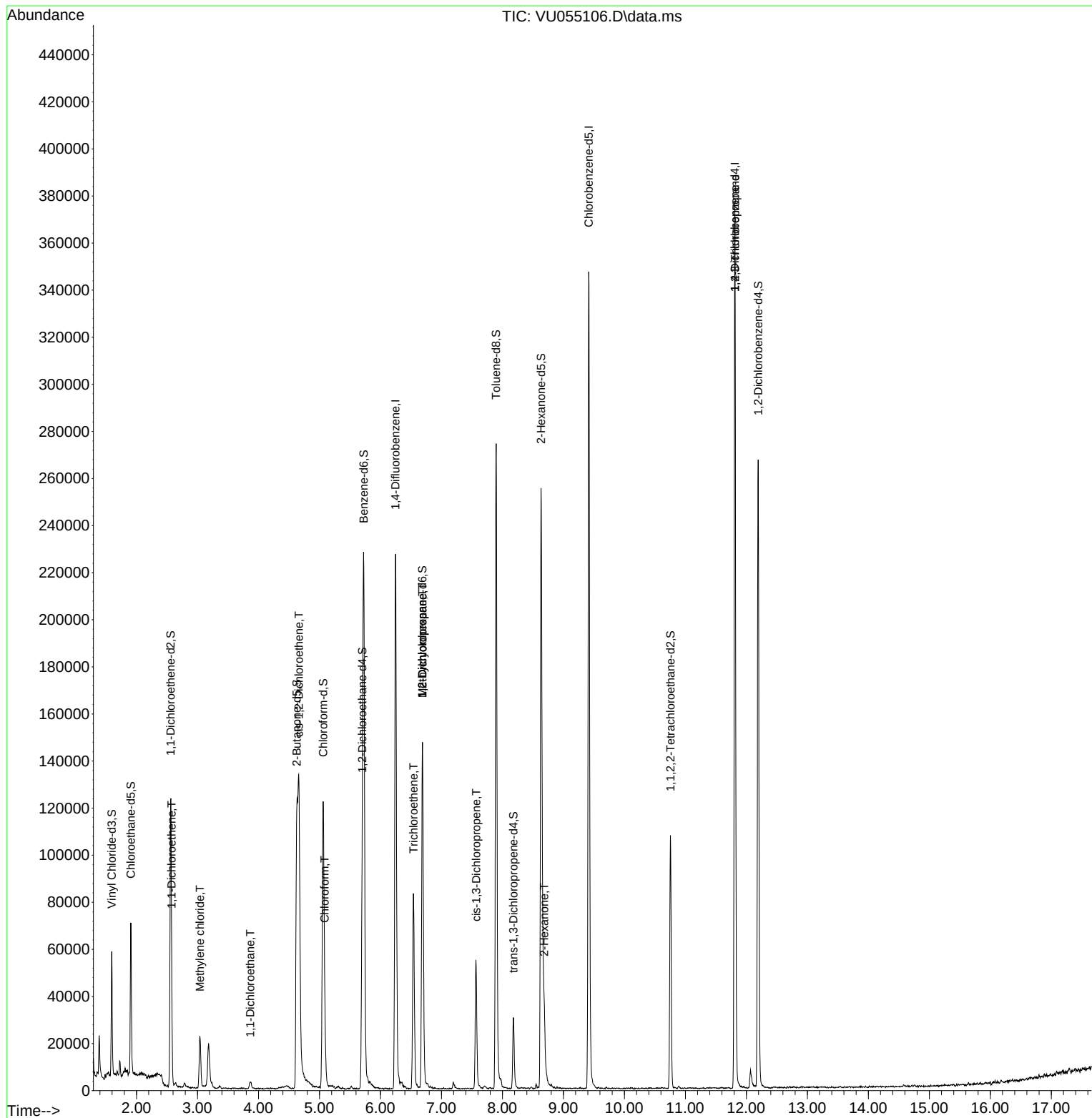
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180904	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188711	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36192	4.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	44771	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	22378	4.632	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.627	46	133857	54.404	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.800%
24) Chloroform-d	5.062	84	106792	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.701	65	56627	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.727	84	210131	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.689	67	69829	4.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.897	98	184225	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.180	79	17514	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.634	63	82411	49.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52350	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	67597	4.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	5744	0.687	ug/L #	1
16) Methylene chloride	3.039	84	10254	0.802	ug/L	94
19) 1,1-Dichloroethane	3.865	63	4106	0.224	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	49154	4.732	ug/L	95
25) Chloroform	5.084	83	14741	0.772	ug/L	88
34) Trichloroethene	6.544	95	27198	2.437	ug/L	98
35) Methylcyclohexane	6.689	83	15158	0.968	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8073	0.738	ug/L #	89
39) cis-1,3-Dichloropropene	7.569	75	1680	0.113	ug/L #	62
48) 2-Hexanone	8.685	43	16630	3.404	ug/L #	93
61) 1,2,3-Trichloropropane	11.814	75	13282	2.090	ug/L #	70

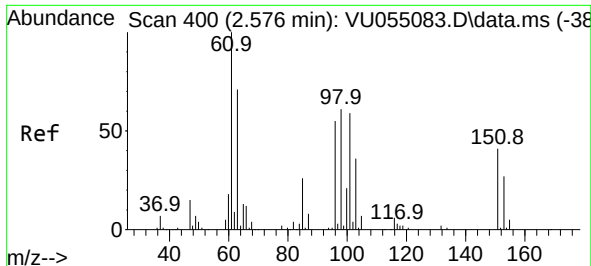
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.687 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

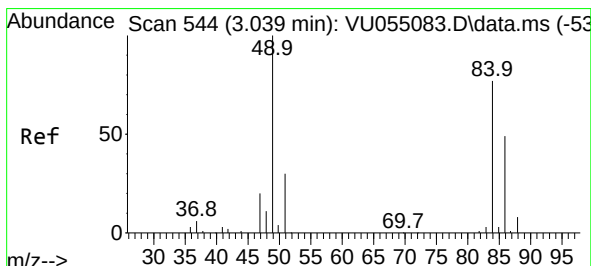
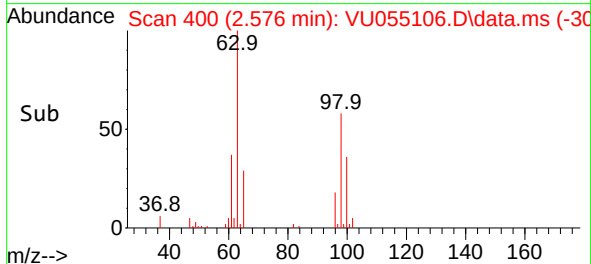
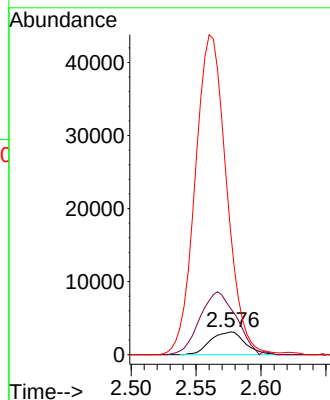
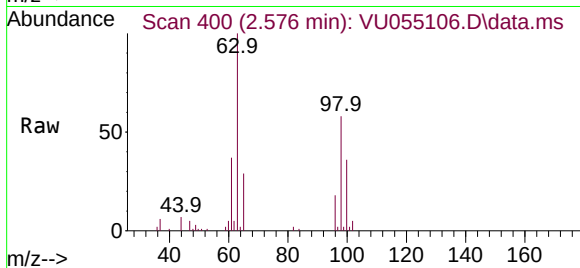
Tgt Ion: 96 Resp: 5744

Ion Ratio Lower Upper

96 100

61 206.1 120.8 224.4

63 564.0 94.5 175.5#



#16

Methylene chloride

Concen: 0.802 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

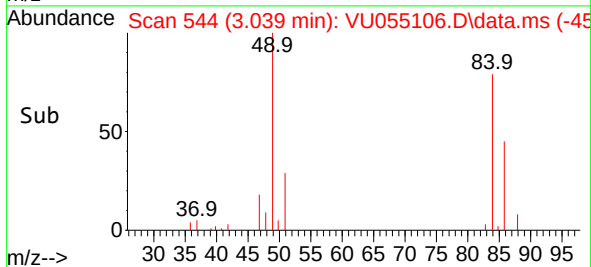
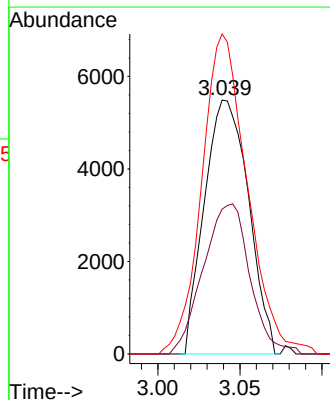
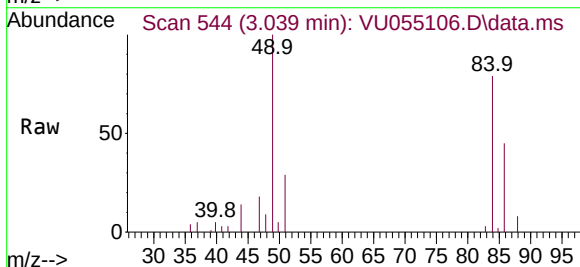
Tgt Ion: 84 Resp: 10254

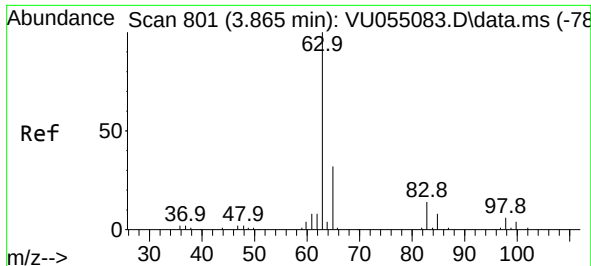
Ion Ratio Lower Upper

84 100

86 57.0 43.4 80.6

49 132.1 87.7 162.9





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.000 min

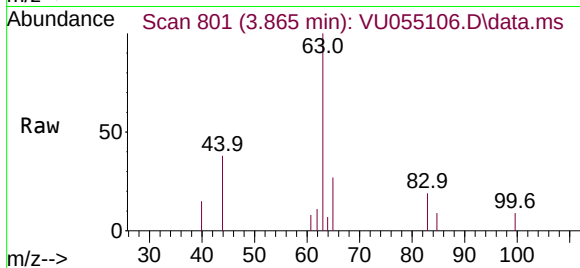
Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

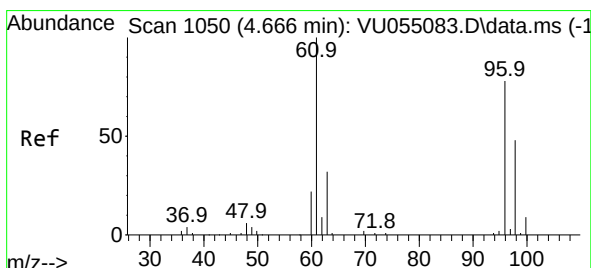
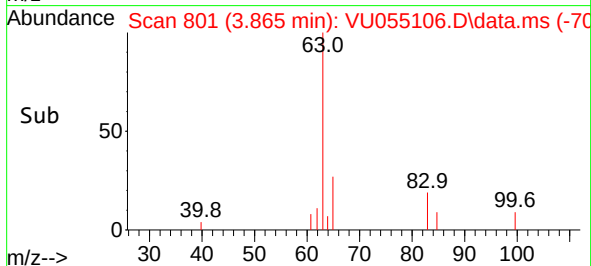
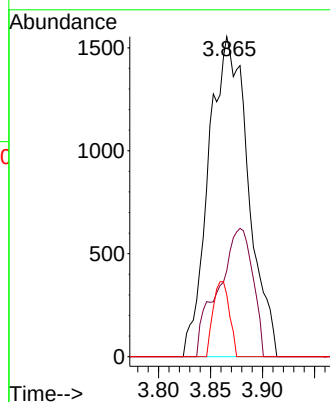
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	4106
Ion Ratio	Lower	Upper	
63	100		
65	26.8	22.2	41.2
83	19.4	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 4.732 ug/L

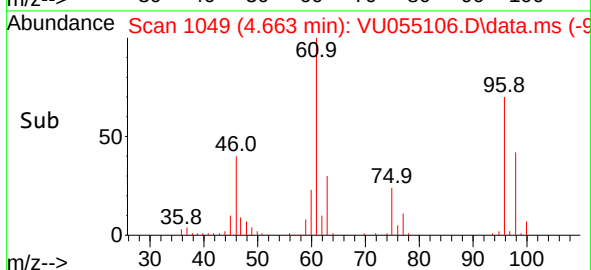
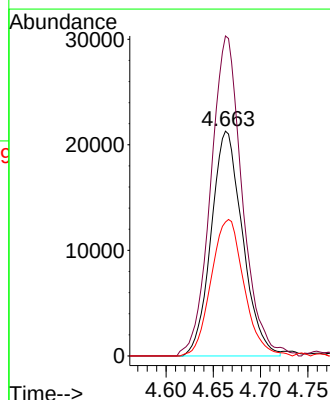
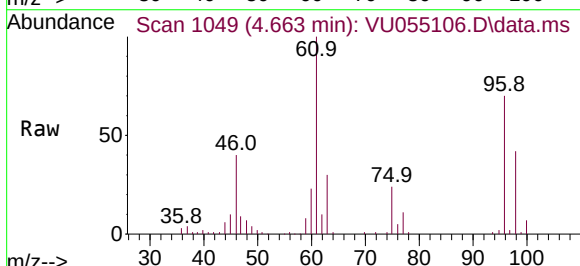
RT: 4.663 min Scan# 1049

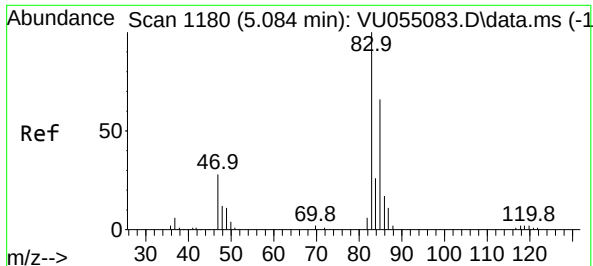
Delta R.T. -0.003 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Tgt Ion:	96	Resp:	49154
Ion Ratio	Lower	Upper	
96	100		
61	142.3	97.2	180.4
98	59.6	46.1	85.7





#25

Chloroform

Concen: 0.772 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA_U

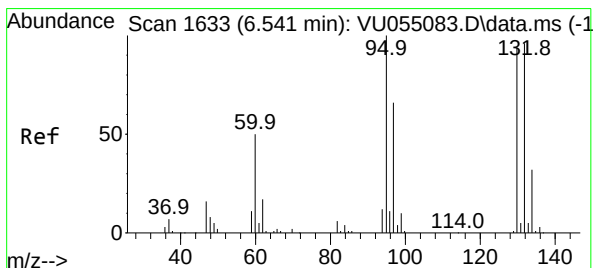
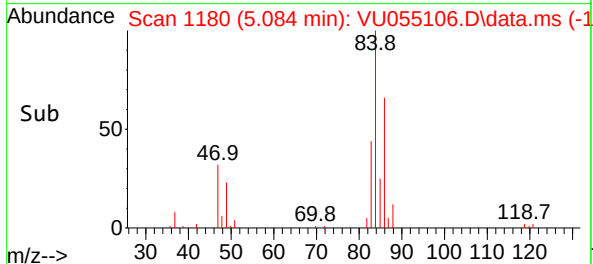
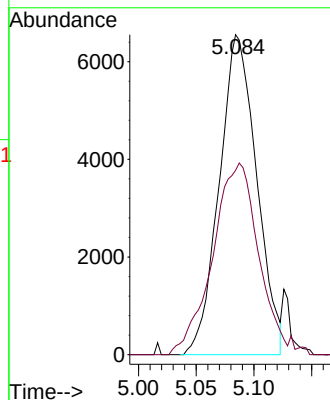
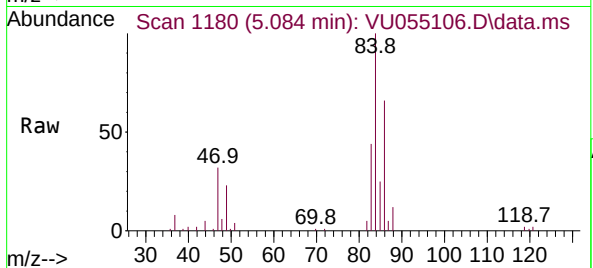
ClientSampleId :

Tgt Ion: 83 Resp: 14741

Ion Ratio Lower Upper

83 100

85 57.6 47.2 87.6



#34

Trichloroethene

Concen: 2.437 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Tgt Ion: 95 Resp: 27198

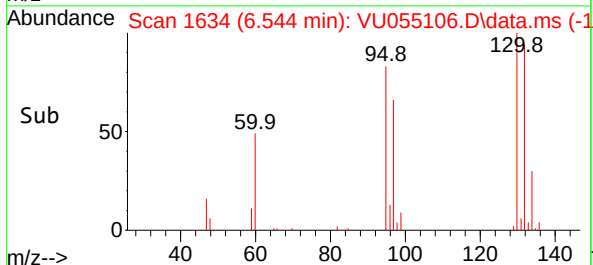
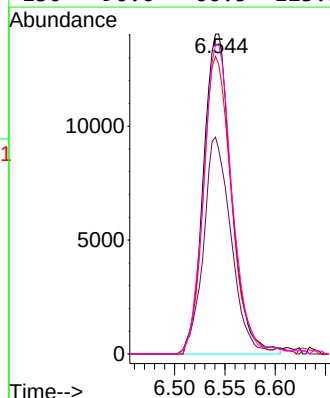
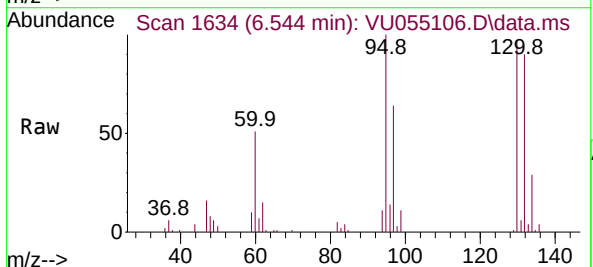
Ion Ratio Lower Upper

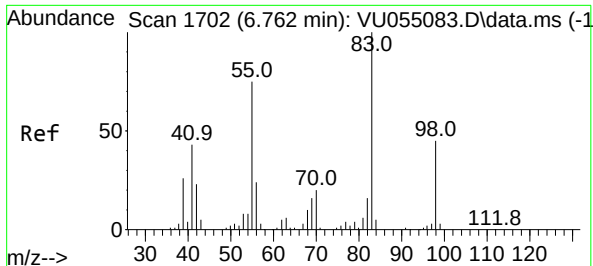
95 100

97 63.8 44.7 83.1

132 90.4 66.6 123.6

130 96.6 66.5 123.5





#35

Methylcyclohexane

Concen: 0.968 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055106.D

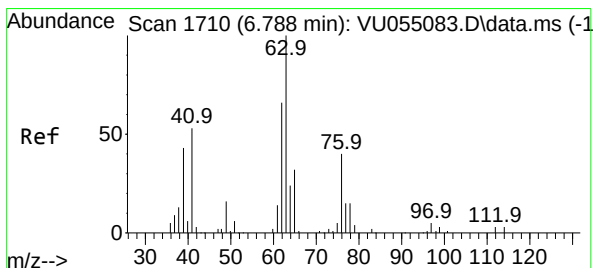
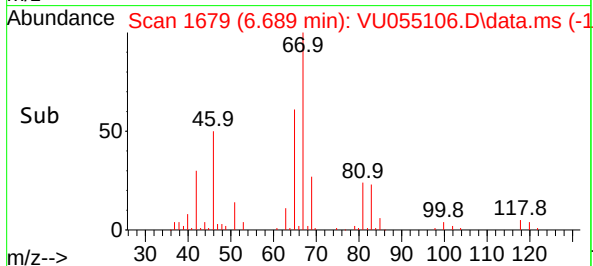
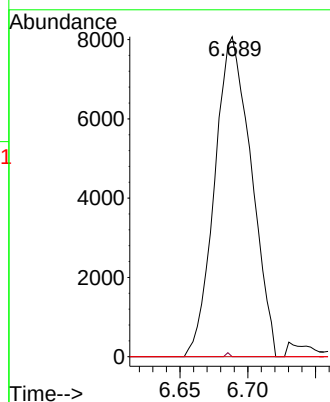
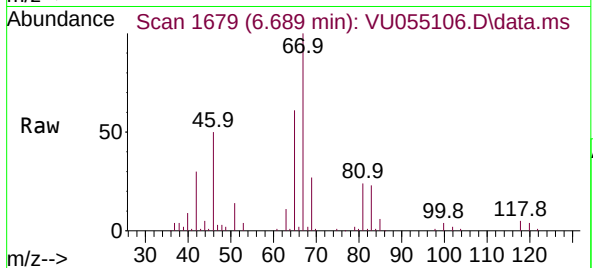
Acq: 05 Sep 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15158
Ion Ratio	Lower Upper
83	100
55	0.1 60.4 90.6#
98	0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.738 ug/L

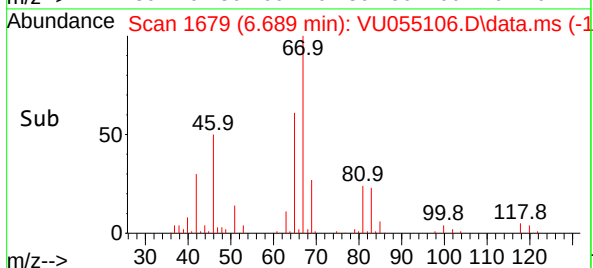
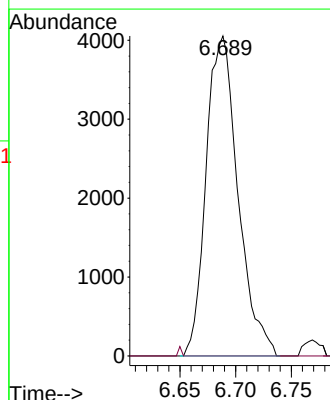
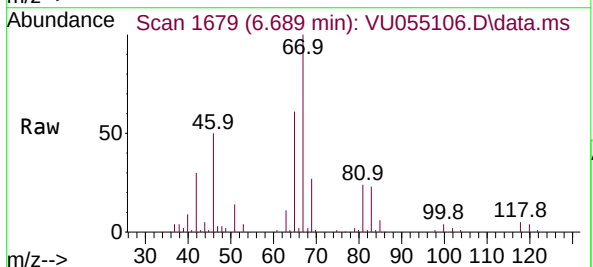
RT: 6.689 min Scan# 1679

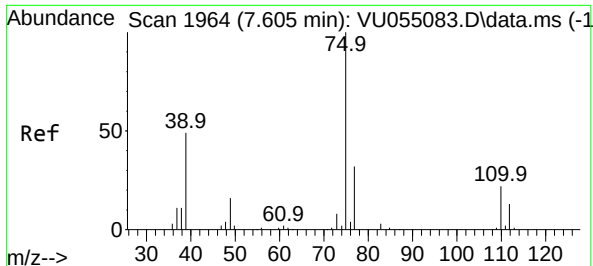
Delta R.T. -0.100 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Tgt Ion: 63	Resp: 8073
Ion Ratio	Lower Upper
63	100
112	0.3 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.569 min Scan# 1964

Delta R.T. -0.035 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA_U

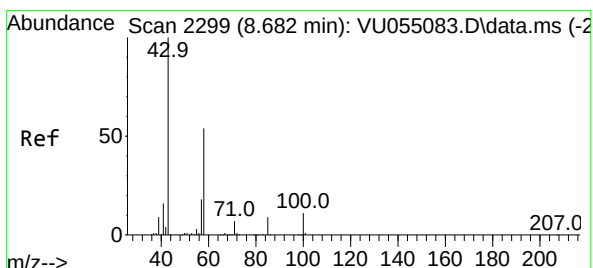
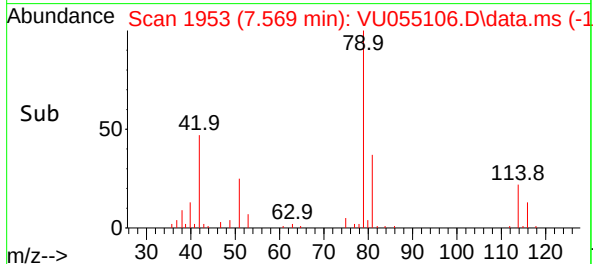
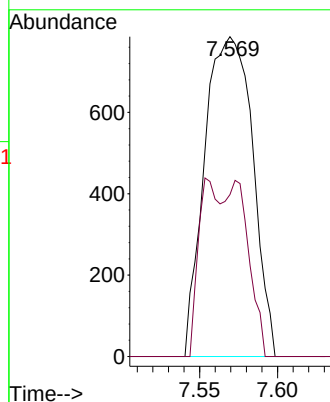
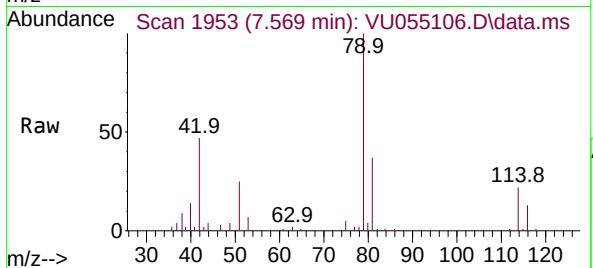
ClientSampleId :

Tgt Ion: 75 Resp: 1680

Ion Ratio Lower Upper

75 100

77 50.6 20.9 38.9#



#48

2-Hexanone

Concen: 3.404 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055106.D

Acq: 05 Sep 2023 20:03

Tgt Ion: 43 Resp: 16630

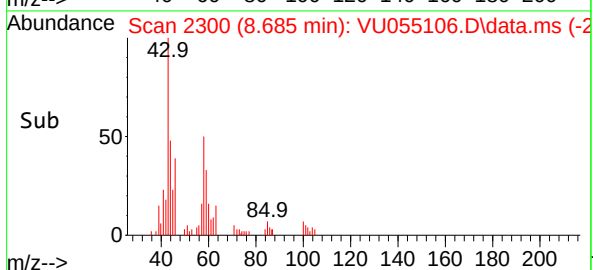
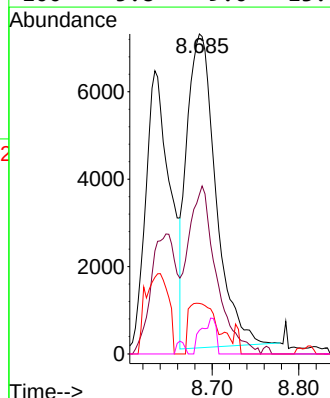
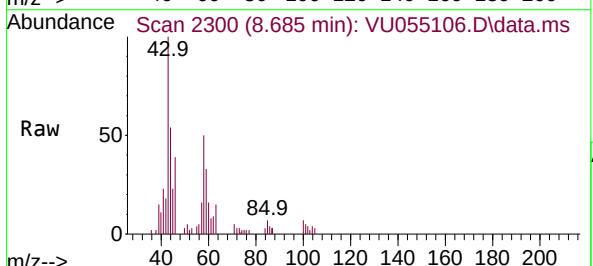
Ion Ratio Lower Upper

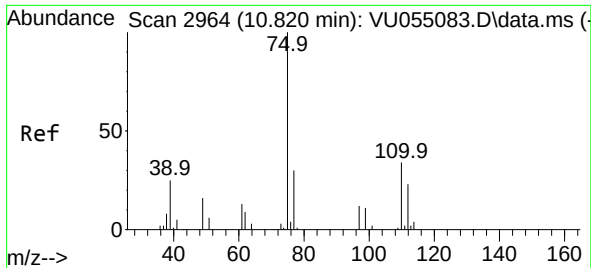
43 100

58 52.4 44.0 66.0

57 14.4 16.2 24.2#

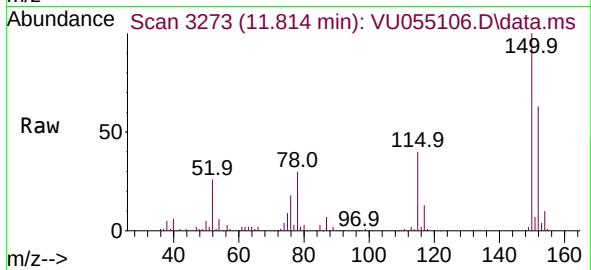
100 5.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.090 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU055106.D
 Acq: 05 Sep 2023 20:03

Instrument :
 MSVOA_U
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Tgt Ion:	75	Resp:	13282
Ion	Ratio	Lower	Upper
75	100		
110	3.0	28.2	42.2#
77	34.9	26.2	39.4

