

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055181.D
 Acq On : 07 Sep 2023 12:13
 Operator : MD/SY
 Sample : 04230-18DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:06:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

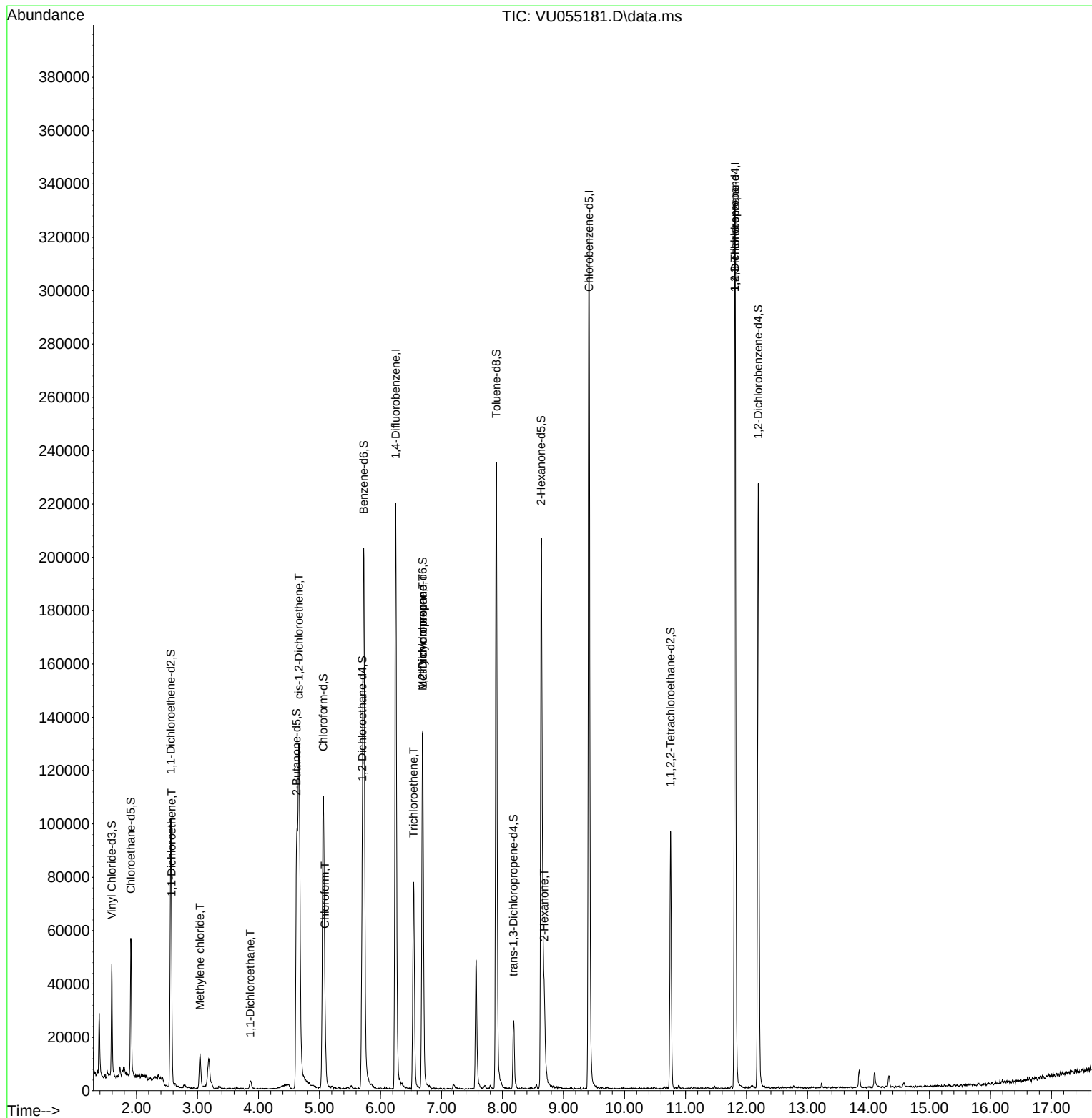
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	177424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27783	3.428	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.907	69	36063	3.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.800%	
11) 1,1-Dichloroethene-d2	2.563	65	17832	3.861	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	4.624	46	116530	49.545	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.080%	
24) Chloroform-d	5.062	84	97877	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	5.701	65	51027	4.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.727	84	185402	4.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.689	67	62686	4.500	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.000%	
41) Toluene-d8	7.898	98	158551	3.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.180	79	15162	3.953	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.634	63	63747	40.933	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.860%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	45762	4.671	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	56201	4.627	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	5368	0.671	ug/L #	1
16) Methylene chloride	3.039	84	5727	0.469	ug/L	93
19) 1,1-Dichloroethane	3.865	63	3699	0.211	ug/L #	85
22) cis-1,2-Dichloroethene	4.663	96	57218	5.763	ug/L	93
25) Chloroform	5.087	83	16938	0.928	ug/L	98
34) Trichloroethene	6.544	95	26539	2.529	ug/L	95
35) Methylcyclohexane	6.692	83	14756	1.002	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	7273	0.707	ug/L #	88
48) 2-Hexanone	8.685	43	18106	3.942	ug/L #	85
61) 1,2,3-Trichloropropane	11.811	75	11841	2.144	ug/L #	68

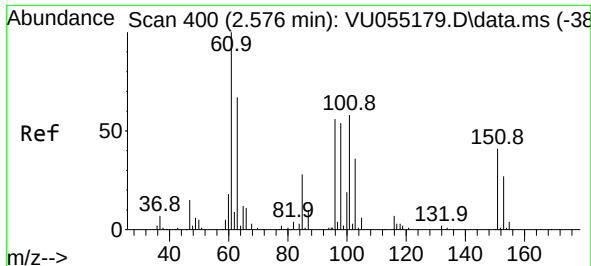
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.671 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055181.D

Acq: 07 Sep 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

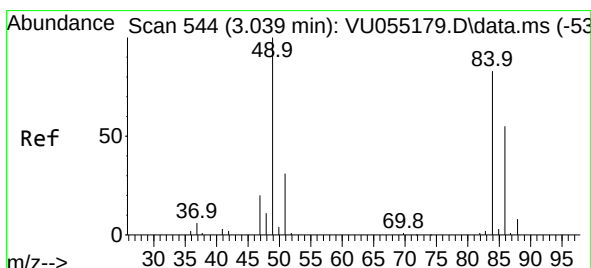
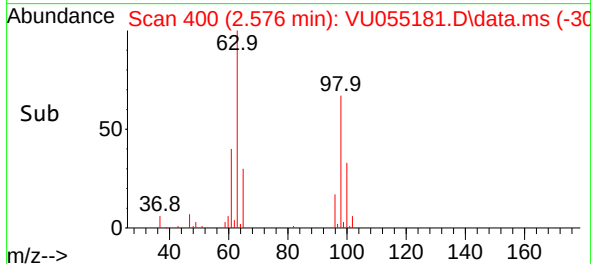
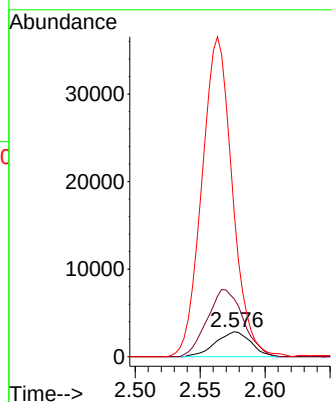
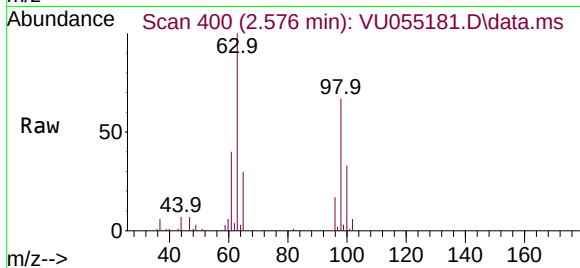
Tgt Ion: 96 Resp: 5368

Ion Ratio Lower Upper

96 100

61 230.1 120.8 224.4#

63 571.9 94.5 175.5#



#16

Methylene chloride

Concen: 0.469 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU055181.D

Acq: 07 Sep 2023 12:13

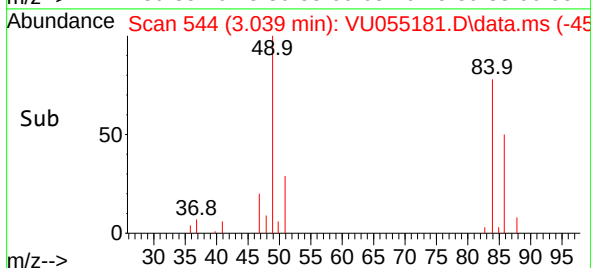
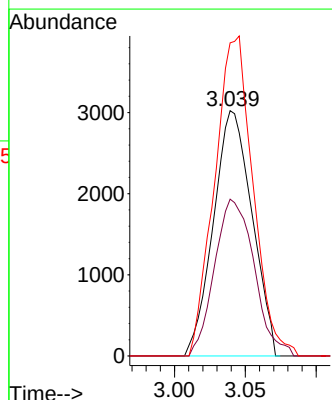
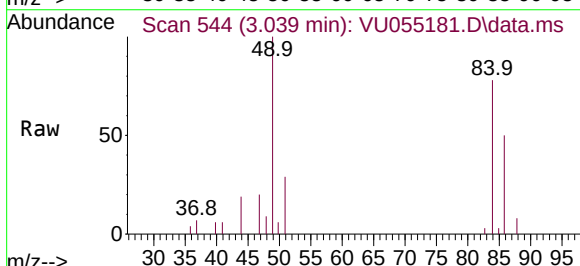
Tgt Ion: 84 Resp: 5727

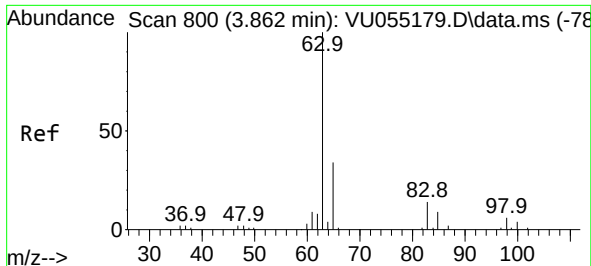
Ion Ratio Lower Upper

84 100

86 63.9 43.4 80.6

49 135.8 87.7 162.9





#19

1,1-Dichloroethane

Concen: 0.211 ug/L

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU055181.D

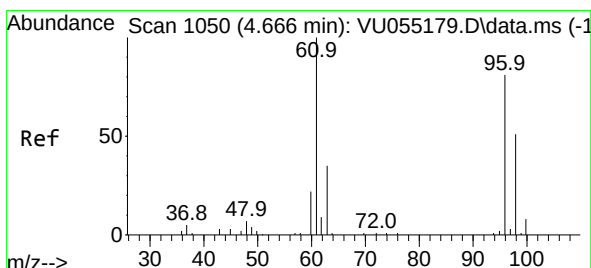
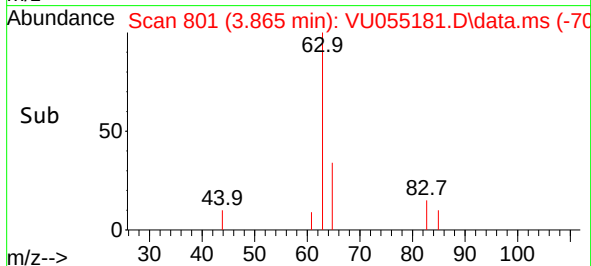
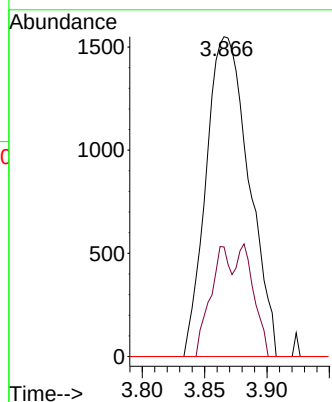
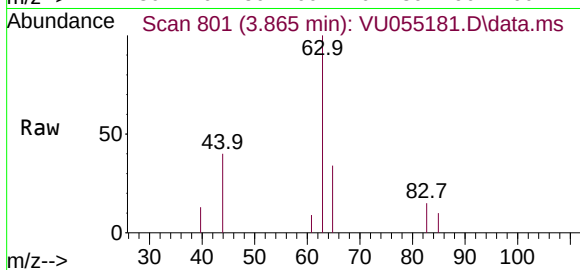
Acq: 07 Sep 2023 12:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	3699
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.2	41.2
83	0.0	10.6	19.8



#22

cis-1,2-Dichloroethene

Concen: 5.763 ug/L

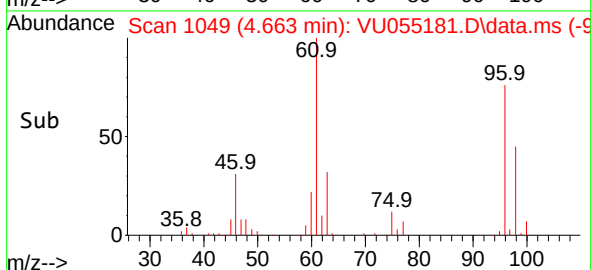
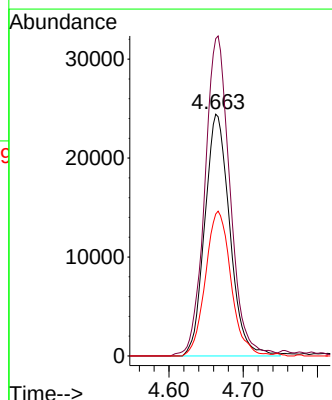
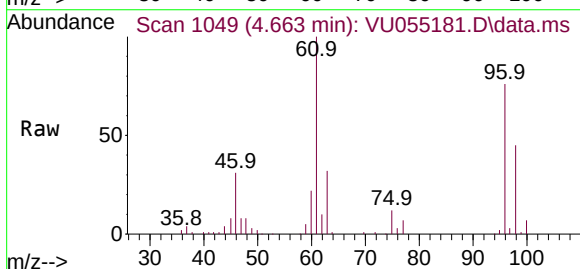
RT: 4.663 min Scan# 1049

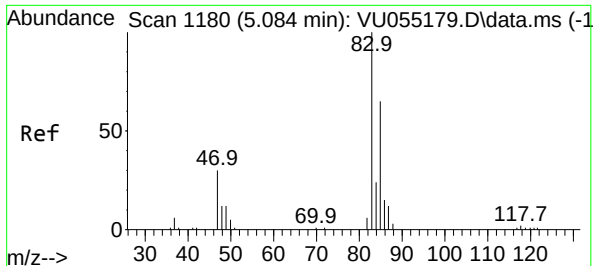
Delta R.T. -0.003 min

Lab File: VU055181.D

Acq: 07 Sep 2023 12:13

Tgt Ion:	96	Resp:	57218
Ion	Ratio	Lower	Upper
96	100		
61	131.2	97.2	180.4
98	58.7	46.1	85.7





#25

Chloroform

Concen: 0.928 ug/L

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055181.D

Acq: 07 Sep 2023 12:13

Instrument :

MSVOA_U

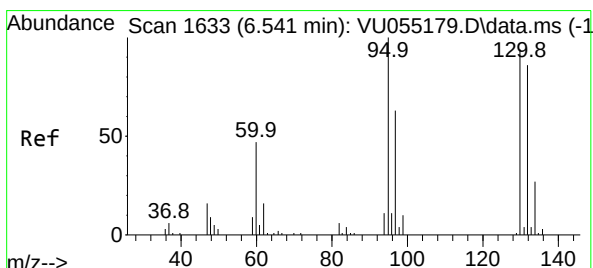
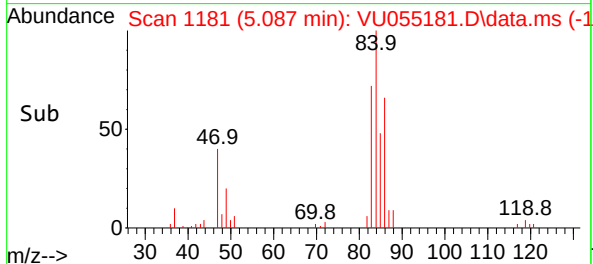
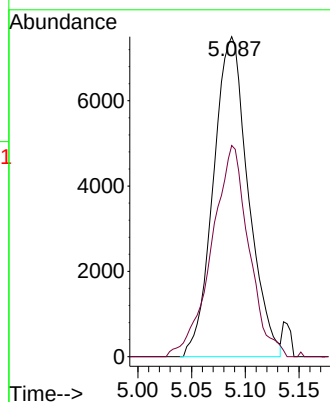
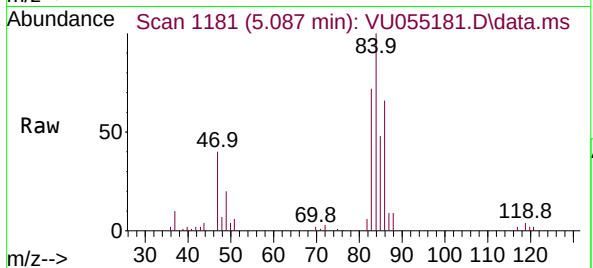
ClientSampleId :

Tgt Ion: 83 Resp: 16938

Ion Ratio Lower Upper

83 100

85 66.0 47.2 87.6



#34

Trichloroethene

Concen: 2.529 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.003 min

Lab File: VU055181.D

Acq: 07 Sep 2023 12:13

Tgt Ion: 95 Resp: 26539

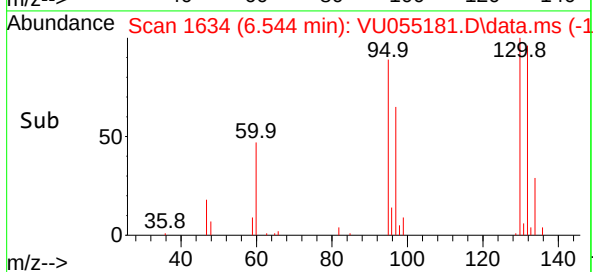
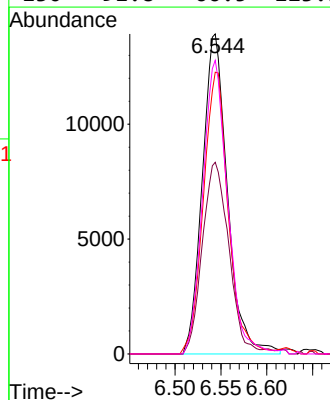
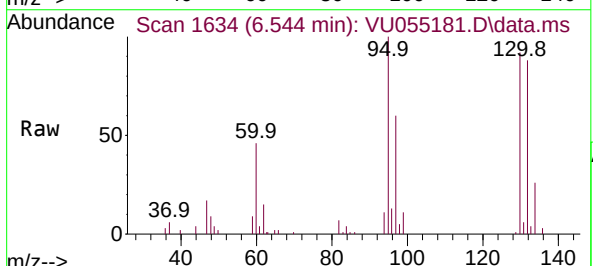
Ion Ratio Lower Upper

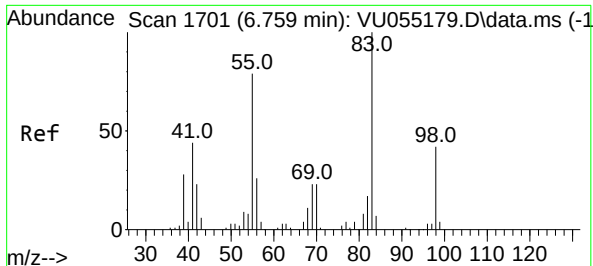
95 100

97 59.9 44.7 83.1

132 88.1 66.6 123.6

130 91.8 66.5 123.5

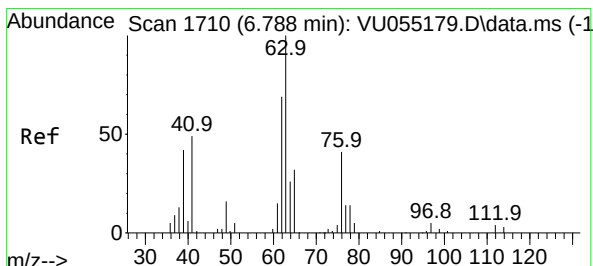
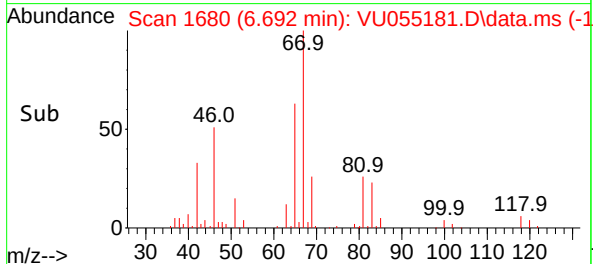
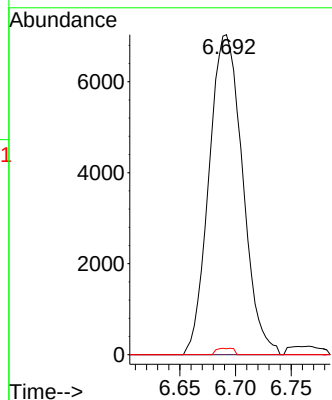
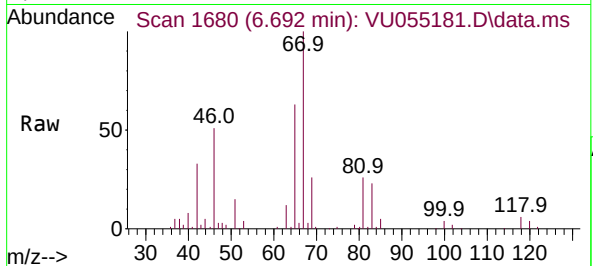




#35
Methylcyclohexane
Concen: 1.002 ug/L
RT: 6.692 min Scan# 1679
Delta R.T. -0.068 min
Lab File: VU055181.D
Acq: 07 Sep 2023 12:13

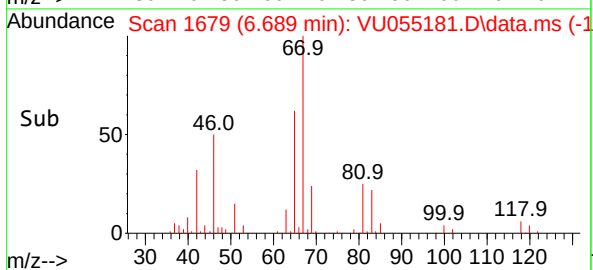
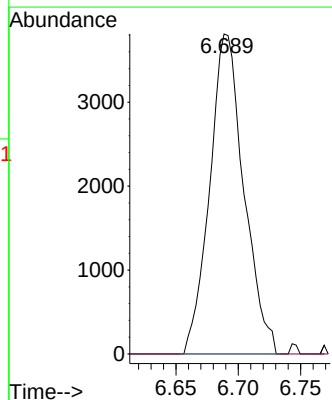
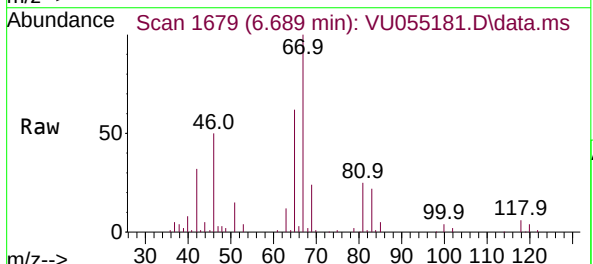
Instrument :
MSVOA_U
ClientSampleId :

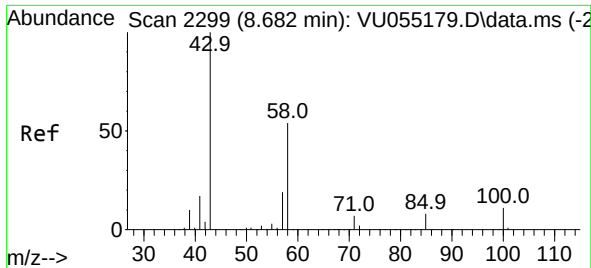
Tgt Ion: 83 Resp: 14756
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.707 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055181.D
Acq: 07 Sep 2023 12:13

Tgt Ion: 63 Resp: 7273
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

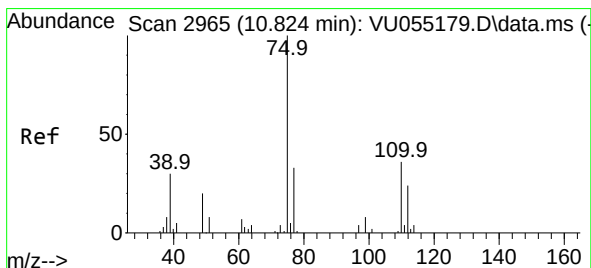
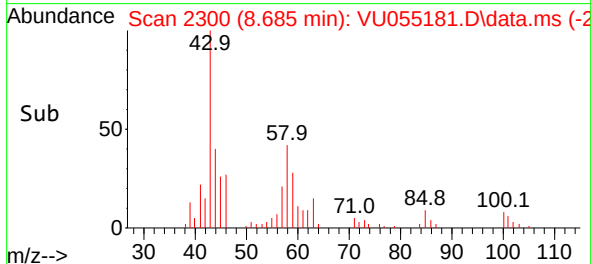
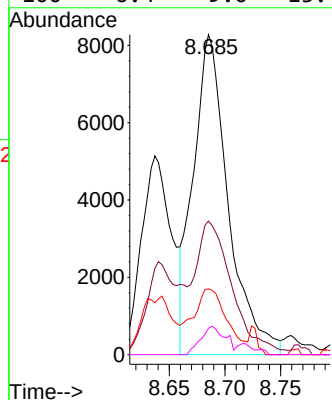
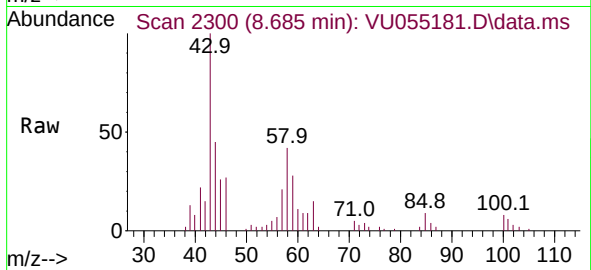




#48
2-Hexanone
Concen: 3.942 ug/L
RT: 8.685 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VU055181.D
Acq: 07 Sep 2023 12:13

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ClientSampleId :

Tgt Ion:	43	Resp:	18106
Ion	Ratio	Lower	Upper
43	100		
58	43.5	44.0	66.0#
57	13.4	16.2	24.2#
100	6.4	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 2.144 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055181.D
Acq: 07 Sep 2023 12:13

Tgt Ion:	75	Resp:	11841
Ion	Ratio	Lower	Upper
75	100		
110	2.5	28.2	42.2#
77	35.6	26.2	39.4

