

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055183.D
 Acq On : 07 Sep 2023 13:02
 Operator : MD/SY
 Sample : 04286-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

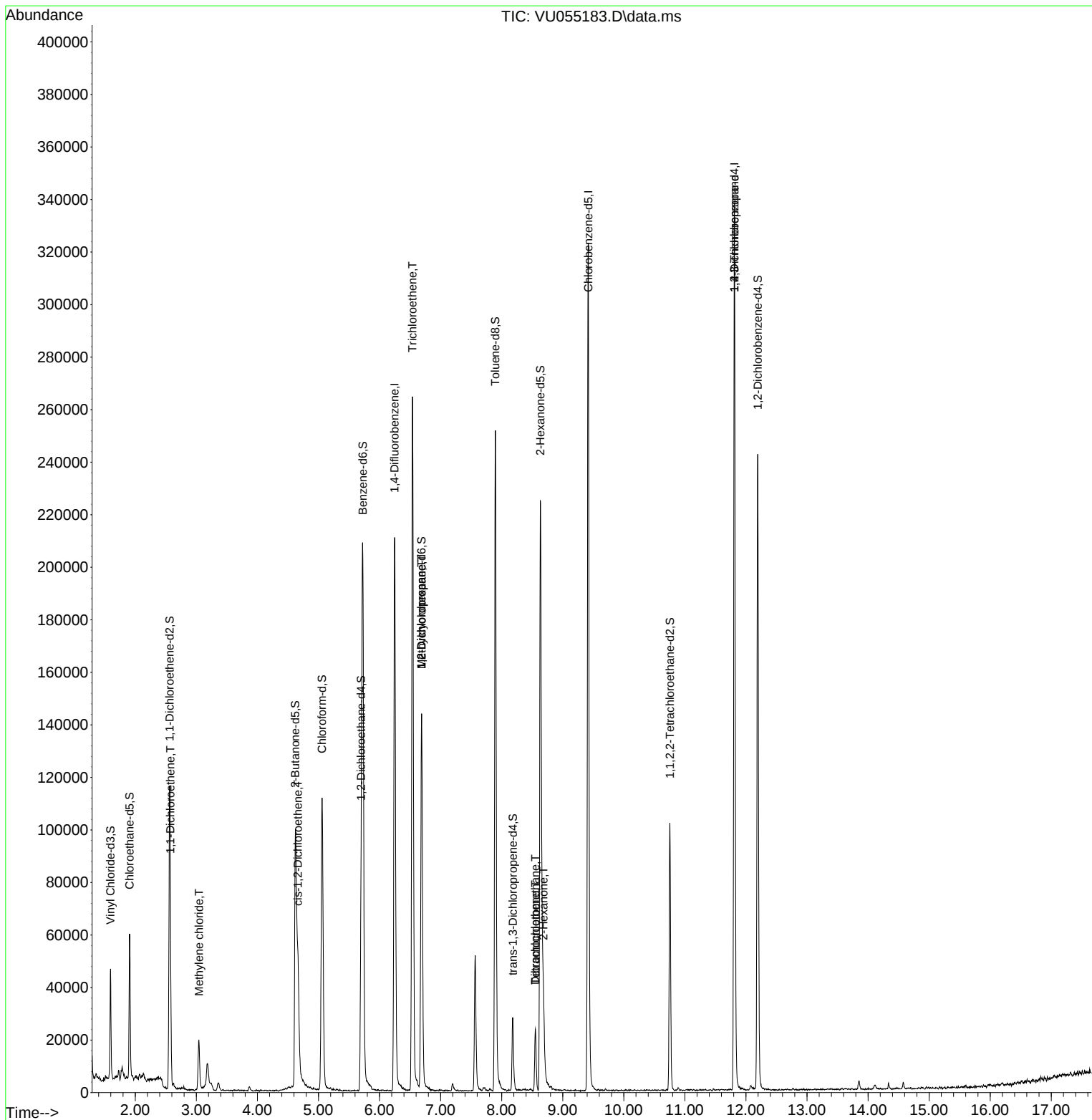
Quant Time: Sep 08 05:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

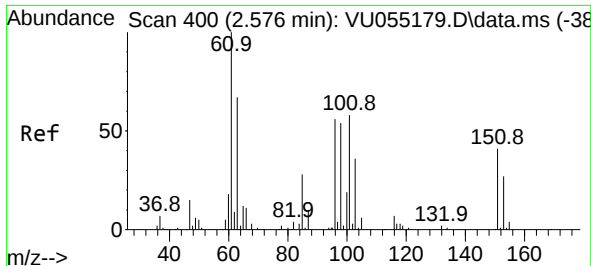
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165463	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	174078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	84624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28064	3.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.907	69	37773	4.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.563	65	18387	4.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.621	46	128447	57.077	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.160%
24) Chloroform-d	5.058	84	104018	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.698	65	54806	5.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.727	84	193576	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.689	67	67879	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.897	98	170082	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.184	79	17192	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.634	63	71526	46.811	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.620%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49255	5.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	61074	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	10595	1.385	ug/L #	35
16) Methylene chloride	3.042	84	8201	0.702	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	16110	1.696	ug/L	96
34) Trichloroethene	6.541	95	88140	8.560	ug/L	97
35) Methylcyclohexane	6.689	83	15526	1.075	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7819	0.775	ug/L #	88
47) Tetrachloroethene	8.553	164	4587	0.645	ug/L	82
48) 2-Hexanone	8.685	43	18068	4.009	ug/L #	94
49) Dibromochloromethane	8.553	129	4982	0.672	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	12103	2.155	ug/L #	69

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

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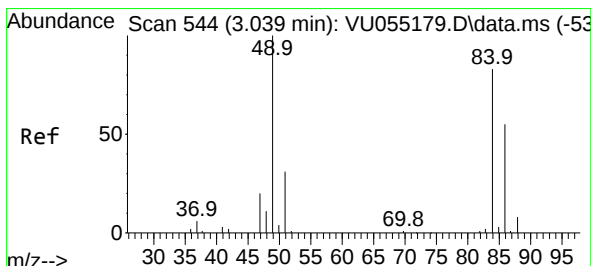
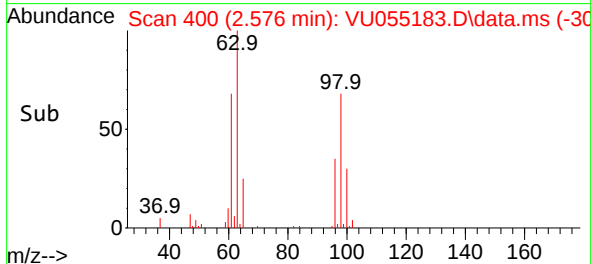
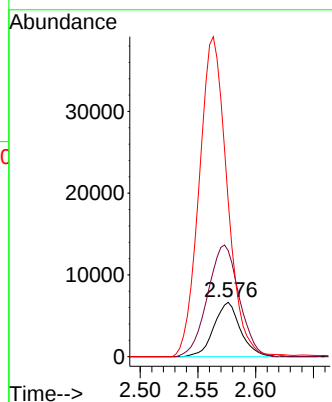
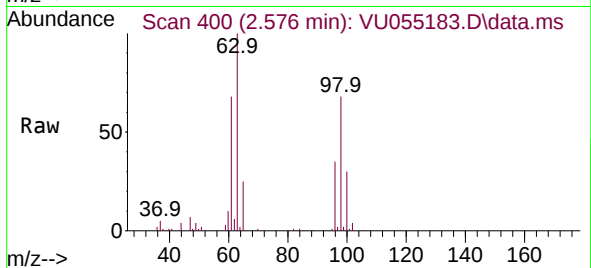




#12
1,1-Dichloroethene
Concen: 1.385 ug/L
RT: 2.576 min Scan# 40
Delta R.T. -0.000 min
Lab File: VU055183.D
Acq: 07 Sep 2023 13:02

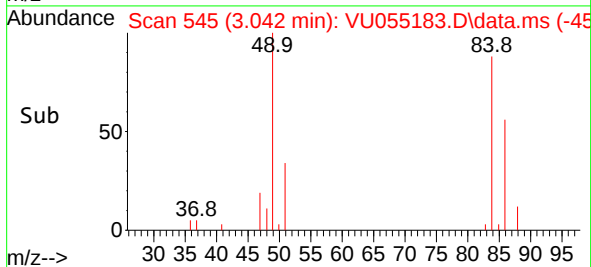
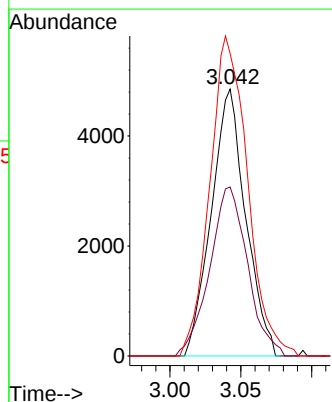
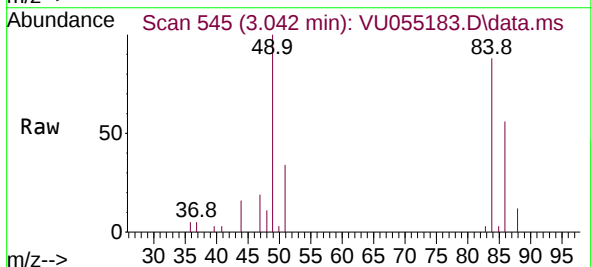
Instrument :
MSVOA_U
ClientSampleId :

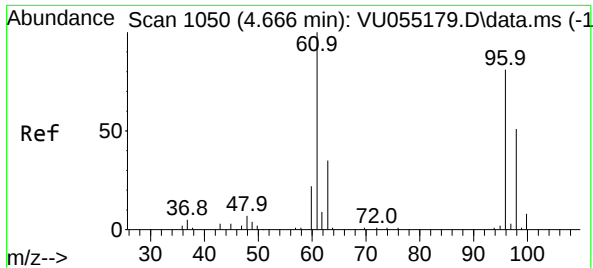
Tgt Ion: 96 Resp: 10595
Ion Ratio Lower Upper
96 100
61 195.0 120.8 224.4
63 285.9 94.5 175.5#



#16
Methylene chloride
Concen: 0.702 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055183.D
Acq: 07 Sep 2023 13:02

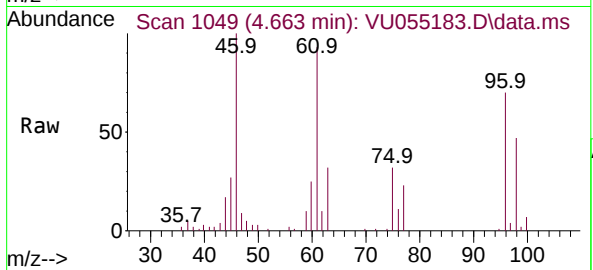
Tgt Ion: 84 Resp: 8201
Ion Ratio Lower Upper
84 100
86 63.3 43.4 80.6
49 113.3 87.7 162.9



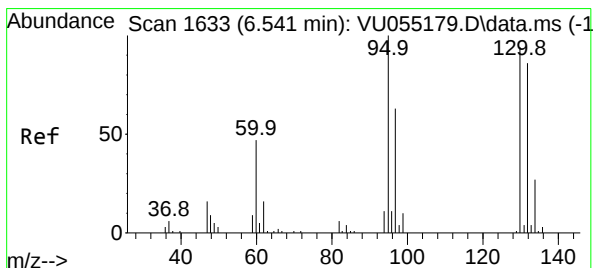
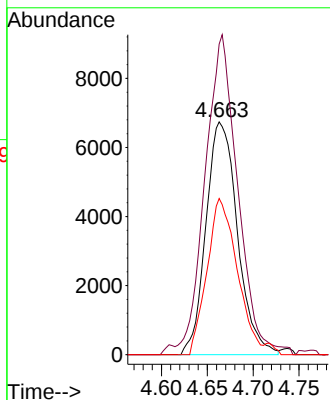
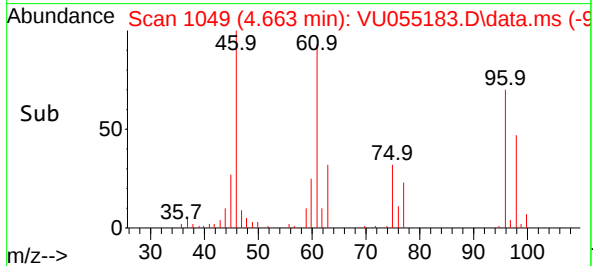


#22
 cis-1,2-Dichloroethene
 Concen: 1.696 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055183.D
 Acq: 07 Sep 2023 13:02

Instrument :
 MSVOA_U
 ClientSampleId :

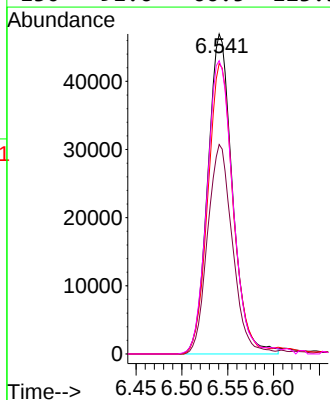
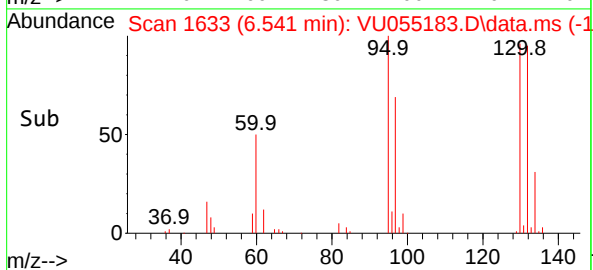
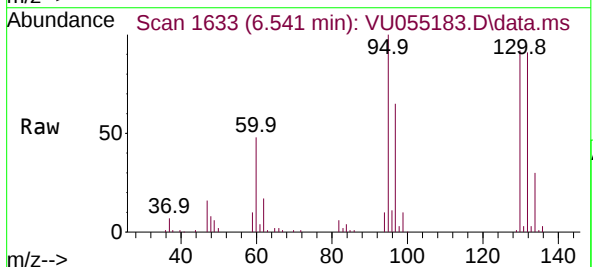


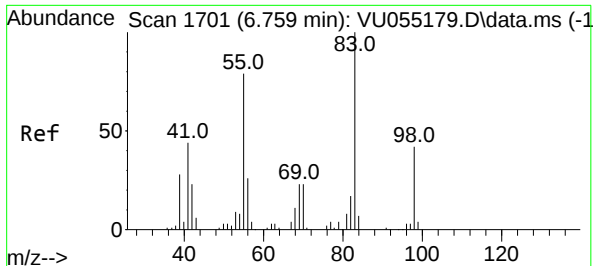
Tgt Ion:	96	Resp:	16110
Ion	Ratio	Lower	Upper
96	100		
61	133.4	97.2	180.4
98	67.1	46.1	85.7



#34
 Trichloroethene
 Concen: 8.560 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055183.D
 Acq: 07 Sep 2023 13:02

Tgt Ion:	95	Resp:	88140
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.7	83.1
132	90.8	66.6	123.6
130	91.6	66.5	123.5





#35

Methylcyclohexane

Concen: 1.075 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055183.D

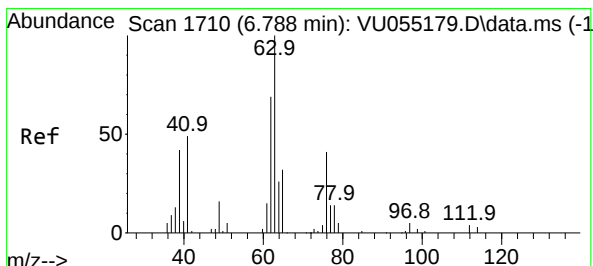
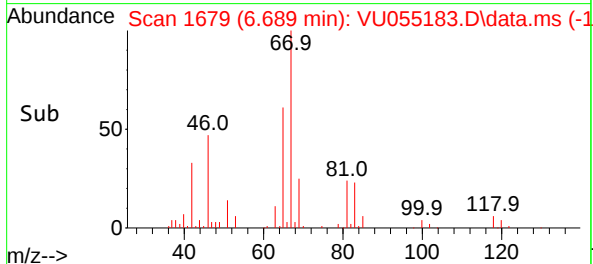
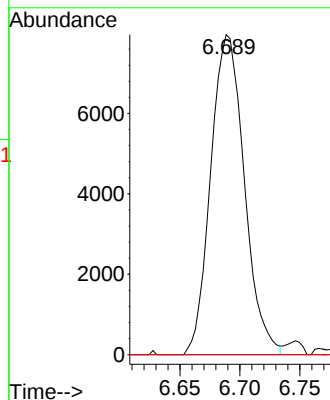
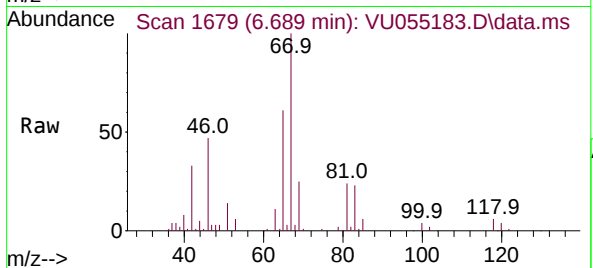
Acq: 07 Sep 2023 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15526
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.775 ug/L

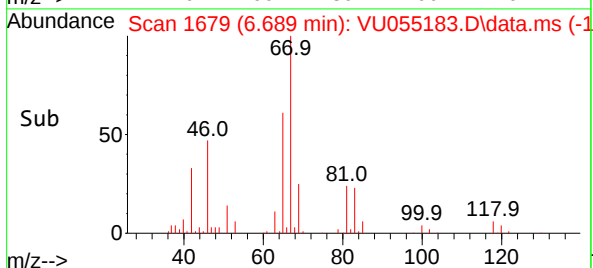
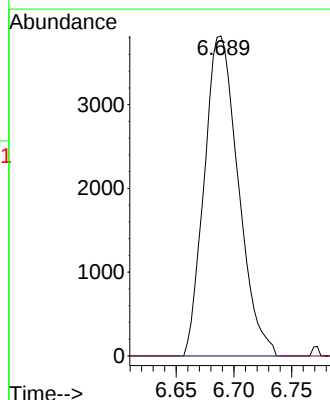
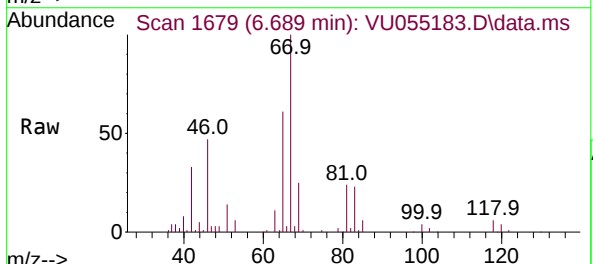
RT: 6.689 min Scan# 1679

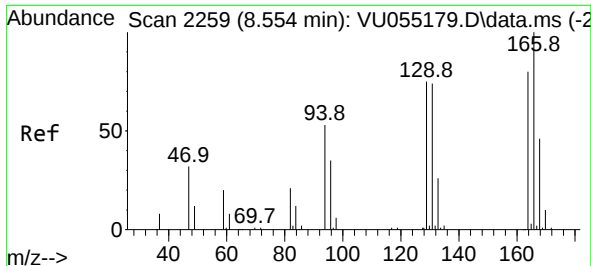
Delta R.T. -0.100 min

Lab File: VU055183.D

Acq: 07 Sep 2023 13:02

Tgt Ion:	63	Resp:	7819
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#47

Tetrachloroethene

Concen: 0.645 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.000 min

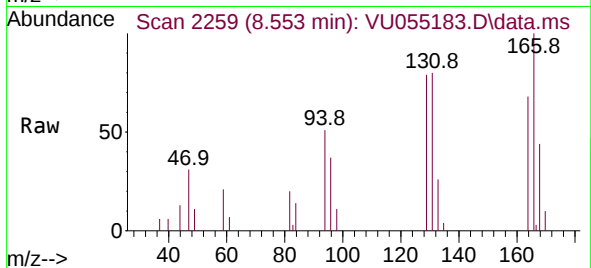
Lab File: VU055183.D

Acq: 07 Sep 2023 13:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4587

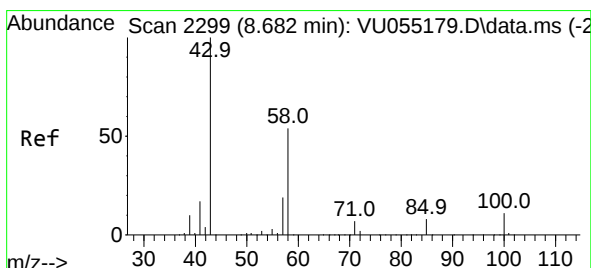
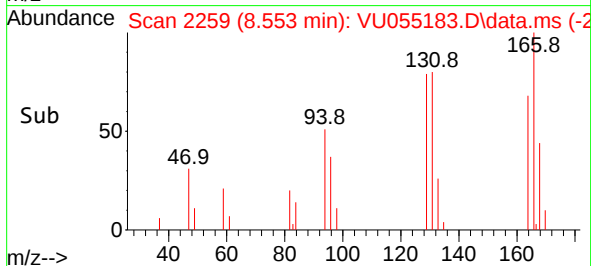
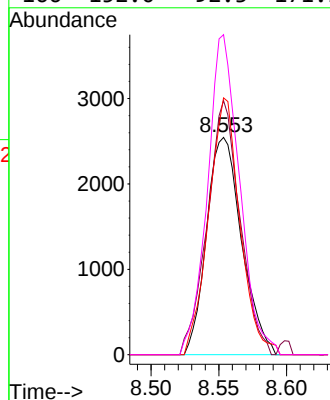
Ion Ratio Lower Upper

164 100

129 116.9 69.2 128.6

131 118.1 68.8 127.8

166 152.0 92.3 171.5



#48

2-Hexanone

Concen: 4.009 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055183.D

Acq: 07 Sep 2023 13:02

Tgt Ion: 43 Resp: 18068

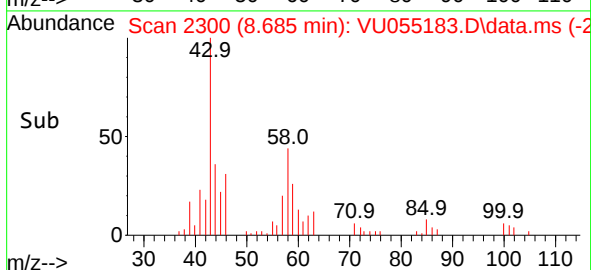
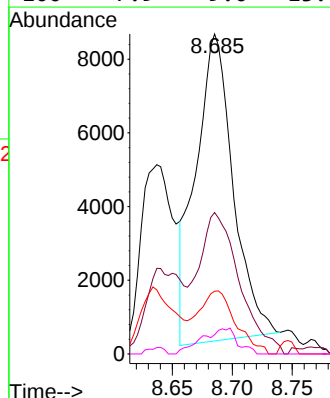
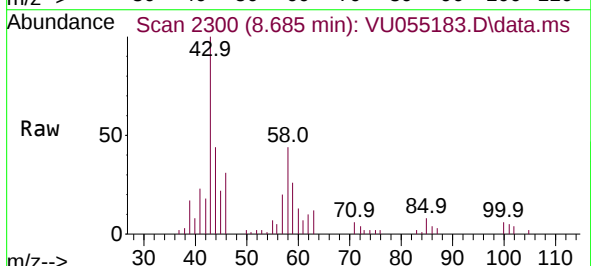
Ion Ratio Lower Upper

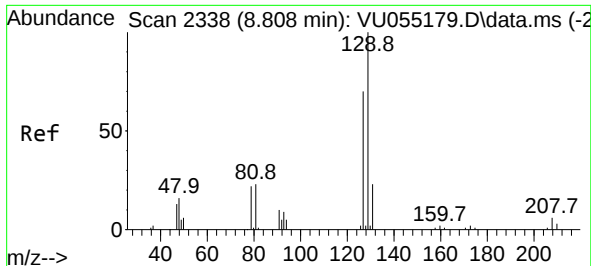
43 100

58 50.0 44.0 66.0

57 20.6 16.2 24.2

100 7.9 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.672 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055183.D

Acq: 07 Sep 2023 13:02

Instrument :

MSVOA_U

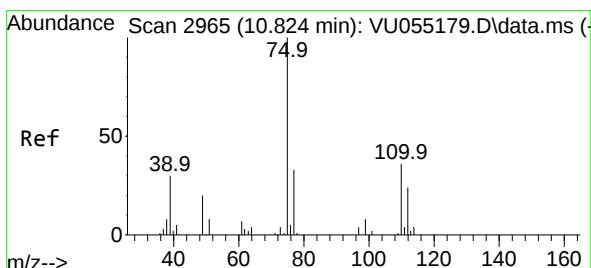
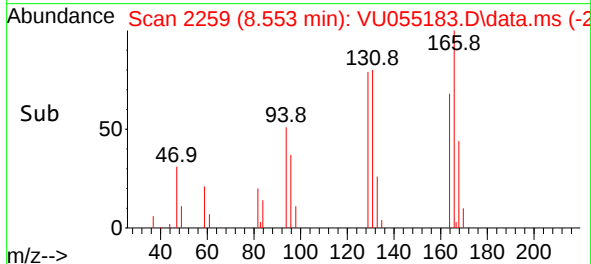
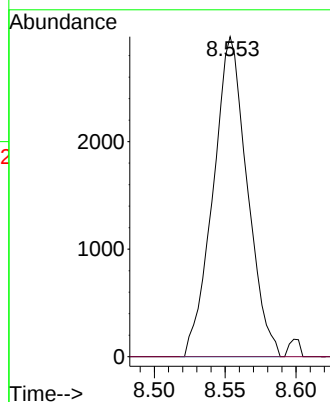
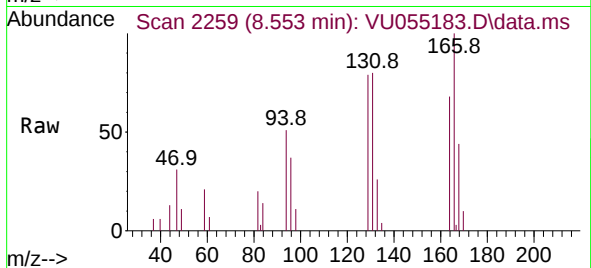
ClientSampleId :

Tgt Ion:129 Resp: 4982

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.155 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.987 min

Lab File: VU055183.D

Acq: 07 Sep 2023 13:02

Tgt Ion: 75 Resp: 12103

Ion Ratio Lower Upper

75 100

110 0.8 28.2 42.2#

77 33.0 26.2 39.4

