

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055313.D
 Acq On : 14 Sep 2023 18:04
 Operator : MD/SY
 Sample : 04350-04DL10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

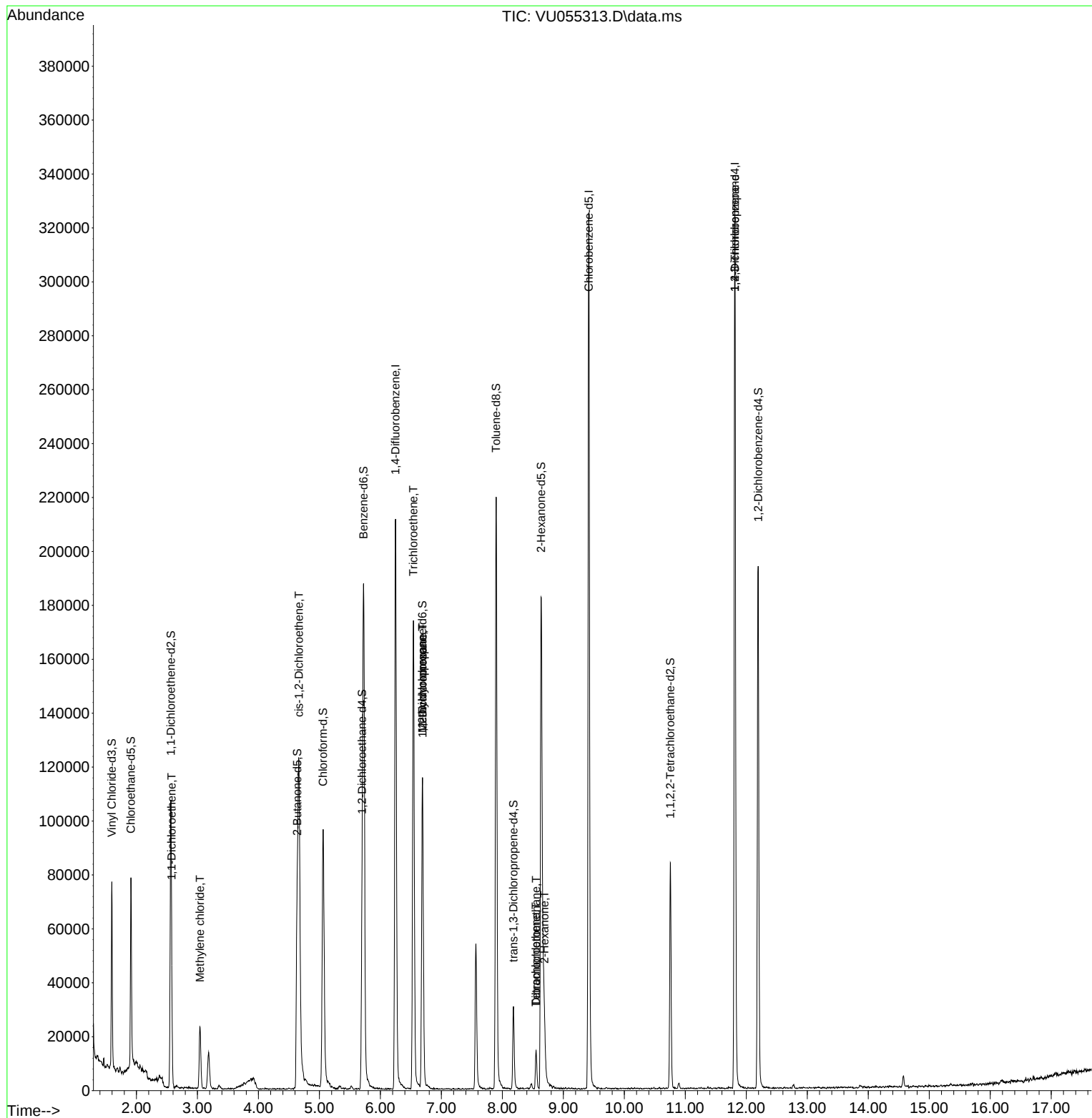
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48622	5.947	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	119.000%	
7) Chloroethane-d5	1.907	69	47945	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.563	65	18311	3.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	4.634	46	110541	46.590	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.180%	
24) Chloroform-d	5.058	84	91092	4.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.698	65	48672	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.724	84	180113	4.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.689	67	55947	3.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.600%	
41) Toluene-d8	7.898	98	149245	3.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
43) trans-1,3-Dichloroprop...	8.181	79	17122	4.426	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.634	63	59949	38.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.340%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39790	4.028	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	51704	4.149	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	5442	0.675	ug/L #	1
16) Methylene chloride	3.039	84	11103	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	47468	4.739	ug/L	92
34) Trichloroethene	6.541	95	59150	5.589	ug/L	98
35) Methylcyclohexane	6.689	83	13273	0.894	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	6250	0.603	ug/L #	88
47) Tetrachloroethene	8.550	164	2996	0.410	ug/L	92
48) 2-Hexanone	8.689	43	18847	4.069	ug/L #	84
49) Dibromochloromethane	8.553	129	2968	0.389	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11428	2.017	ug/L #	68

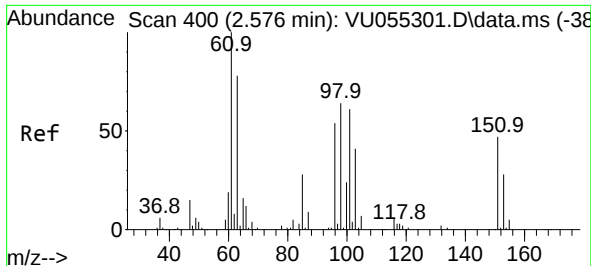
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.675 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Instrument :

MSVOA_U

ClientSampleId :

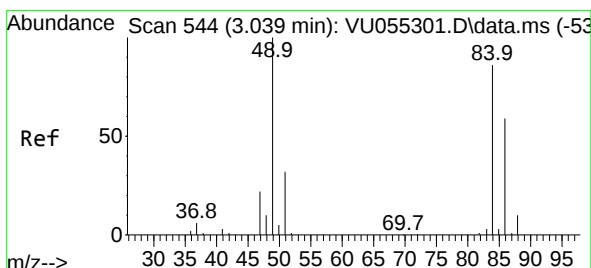
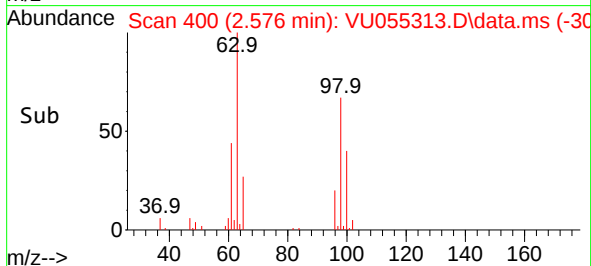
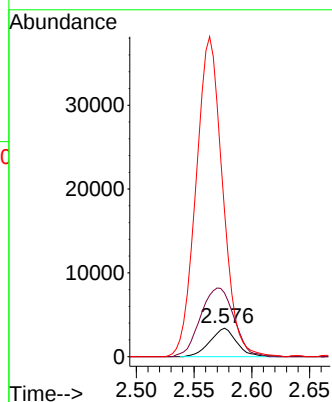
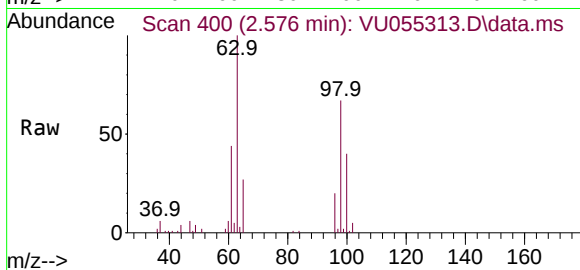
Tgt Ion: 96 Resp: 5442

Ion Ratio Lower Upper

96 100

61 223.7 120.8 224.4

63 512.1 94.5 175.5#



#16

Methylene chloride

Concen: 0.901 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

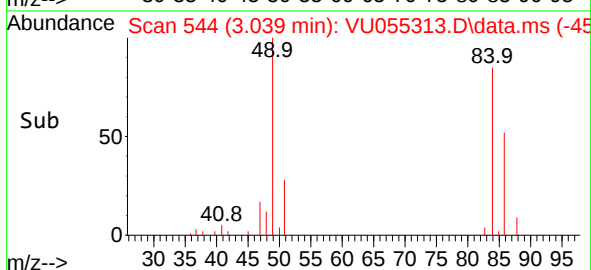
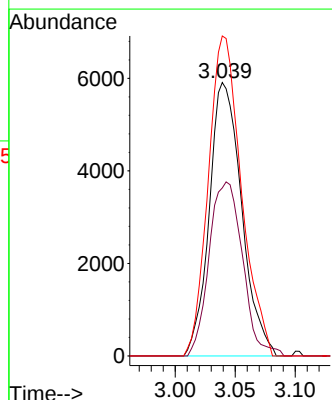
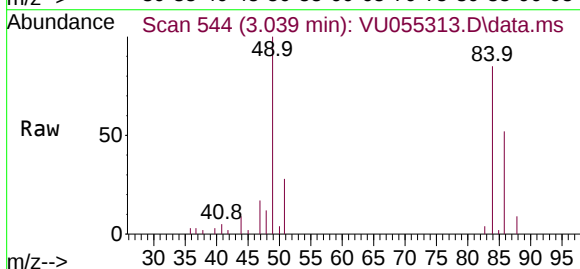
Tgt Ion: 84 Resp: 11103

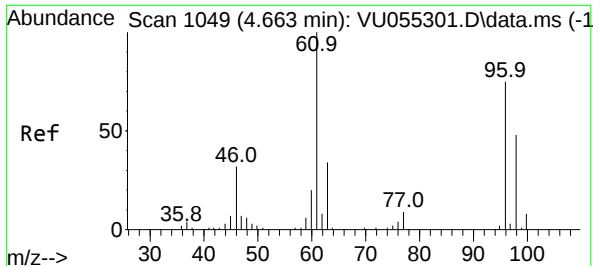
Ion Ratio Lower Upper

84 100

86 61.4 43.4 80.6

49 117.0 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 4.739 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Instrument :

MSVOA_U

ClientSampleId :

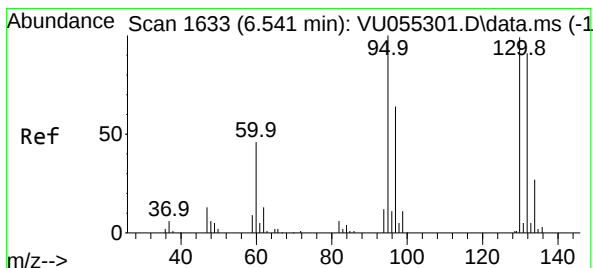
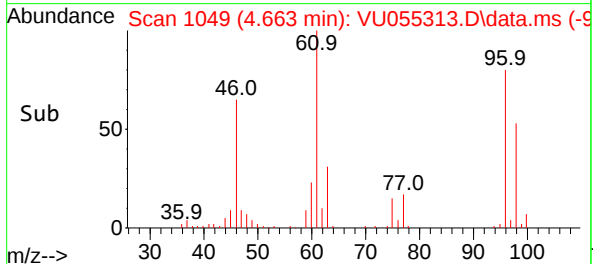
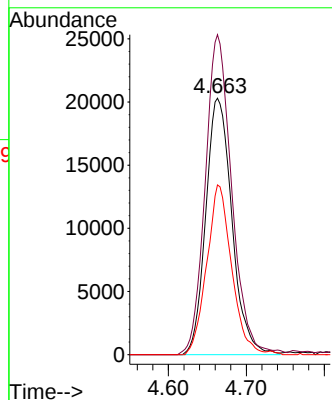
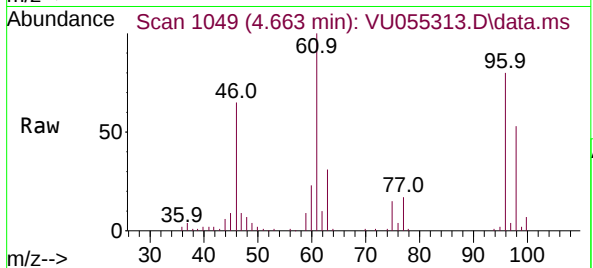
Tgt Ion: 96 Resp: 47468

Ion Ratio Lower Upper

96 100

61 124.7 97.2 180.4

98 66.2 46.1 85.7



#34

Trichloroethene

Concen: 5.589 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Tgt Ion: 95 Resp: 59150

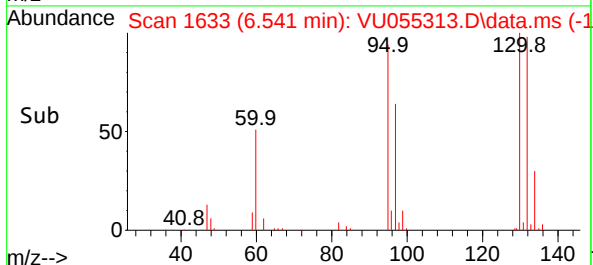
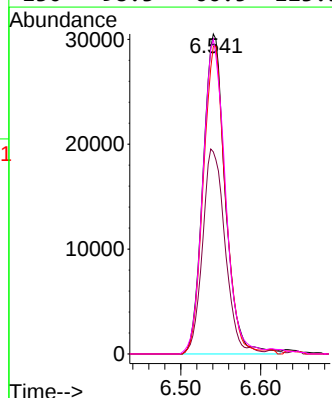
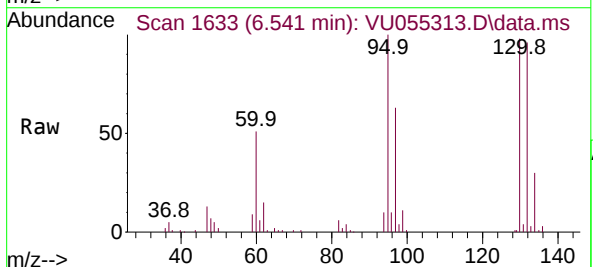
Ion Ratio Lower Upper

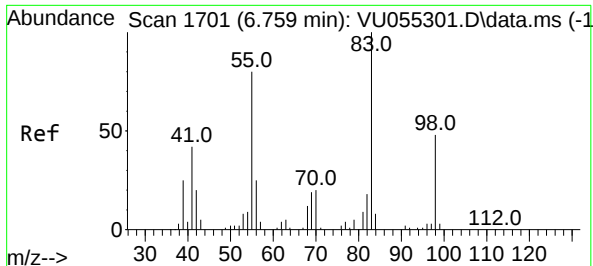
95 100

97 63.2 44.7 83.1

132 96.1 66.6 123.6

130 98.3 66.5 123.5

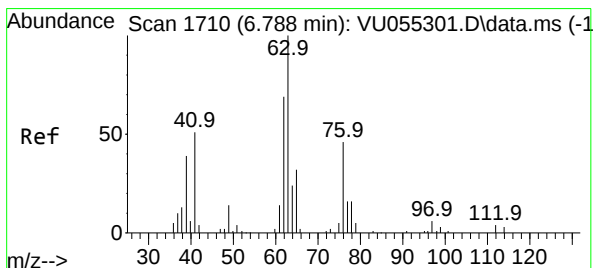
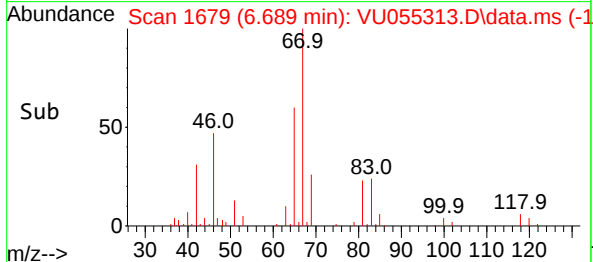
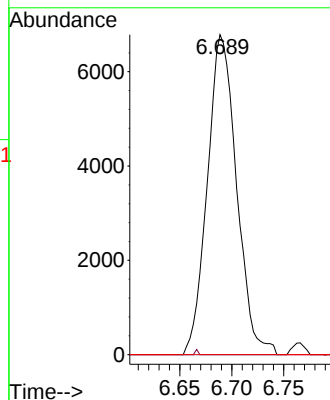
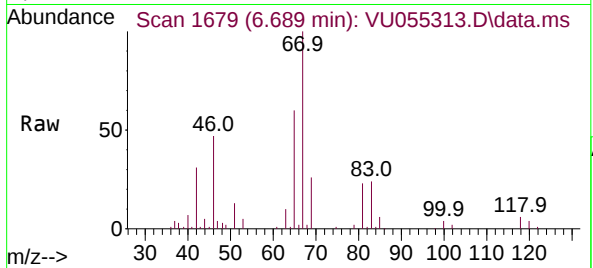




#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055313.D
Acq: 14 Sep 2023 18:04

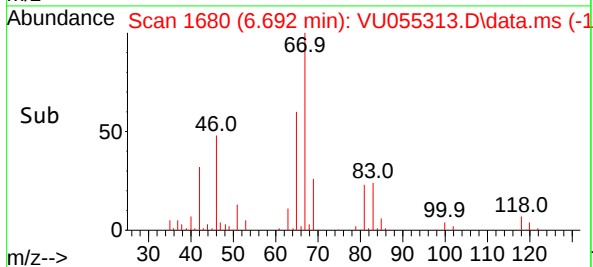
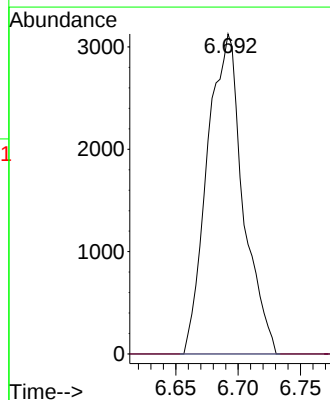
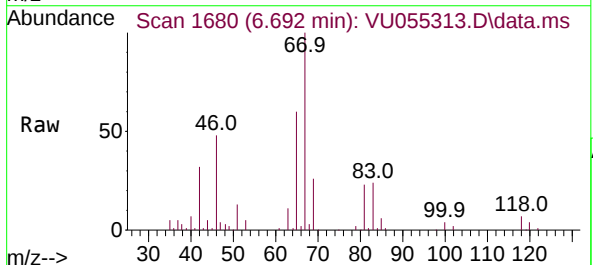
Instrument :
MSVOA_U
ClientSampleId :

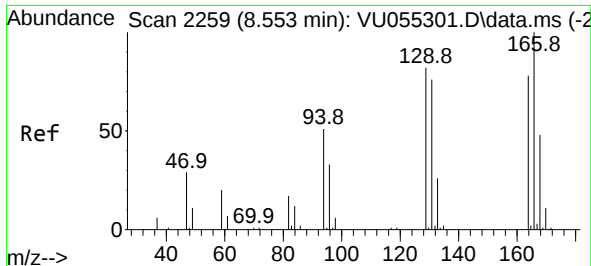
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	0.0	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU055313.D
Acq: 14 Sep 2023 18:04

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





#47

Tetrachloroethene

Concen: 0.410 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.003 min

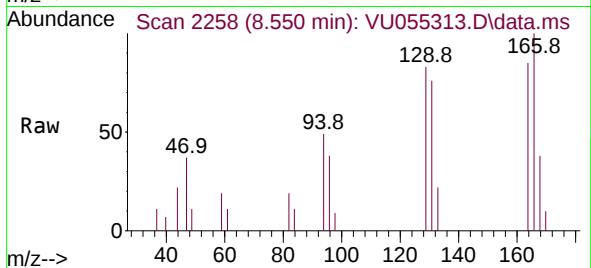
Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2996

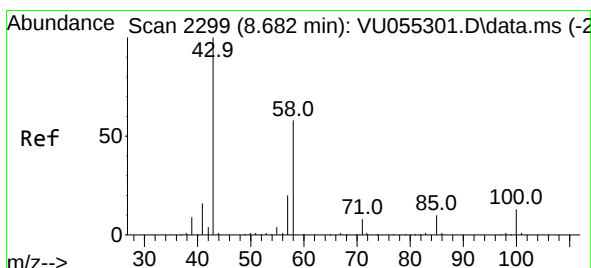
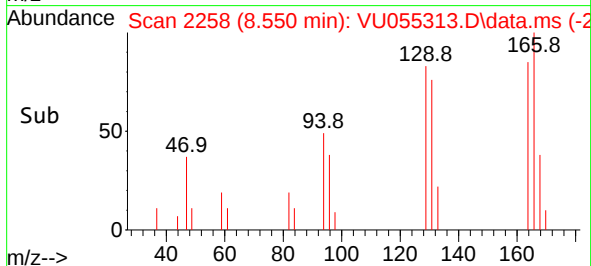
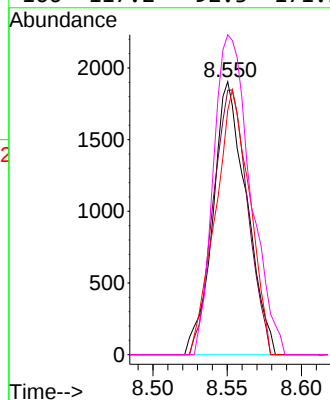
Ion Ratio Lower Upper

164 100

129 96.9 69.2 128.6

131 89.4 68.8 127.8

166 117.2 92.3 171.5



#48

2-Hexanone

Concen: 4.069 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.007 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Tgt Ion: 43 Resp: 18847

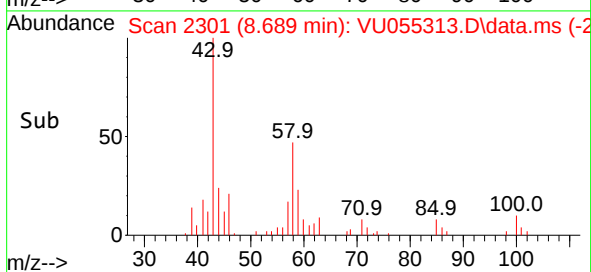
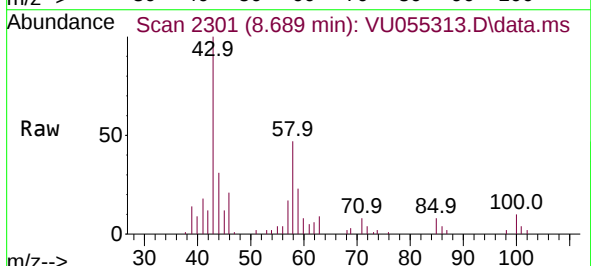
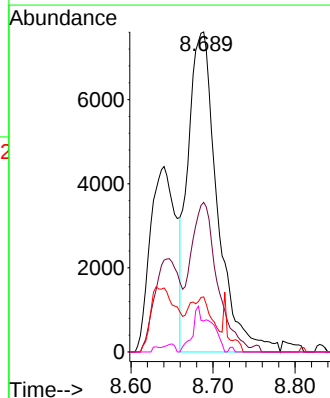
Ion Ratio Lower Upper

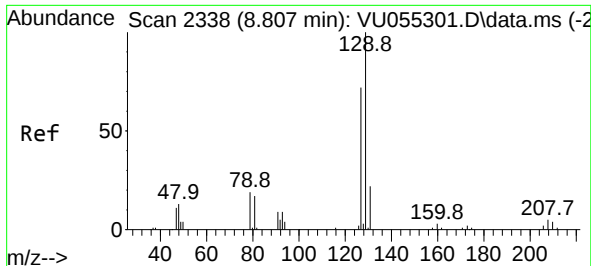
43 100

58 40.8 44.0 66.0#

57 14.1 16.2 24.2#

100 8.9 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.389 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Instrument :

MSVOA_U

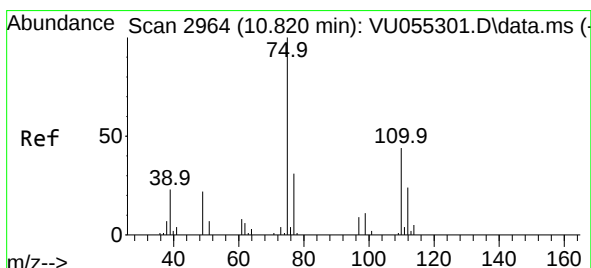
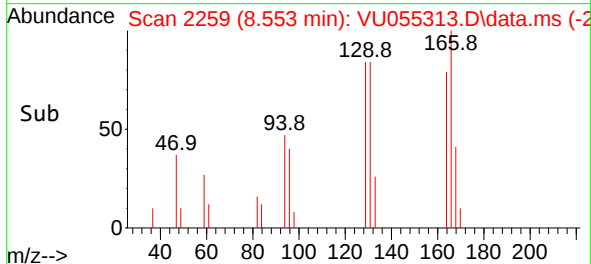
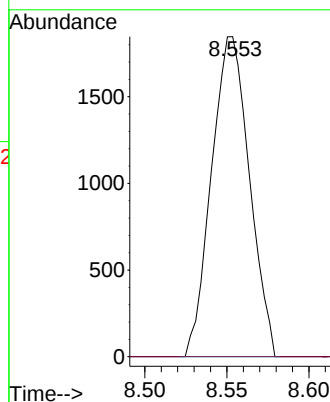
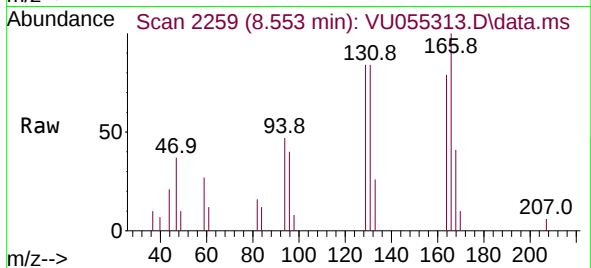
ClientSampleId :

Tgt Ion:129 Resp: 2968

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.017 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055313.D

Acq: 14 Sep 2023 18:04

Tgt Ion: 75 Resp: 11428

Ion Ratio Lower Upper

75 100

110 2.0 28.2 42.2#

77 35.3 26.2 39.4

