

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055380.D
 Acq On : 18 Sep 2023 18:51
 Operator : MD/SY
 Sample : 04398-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:17:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

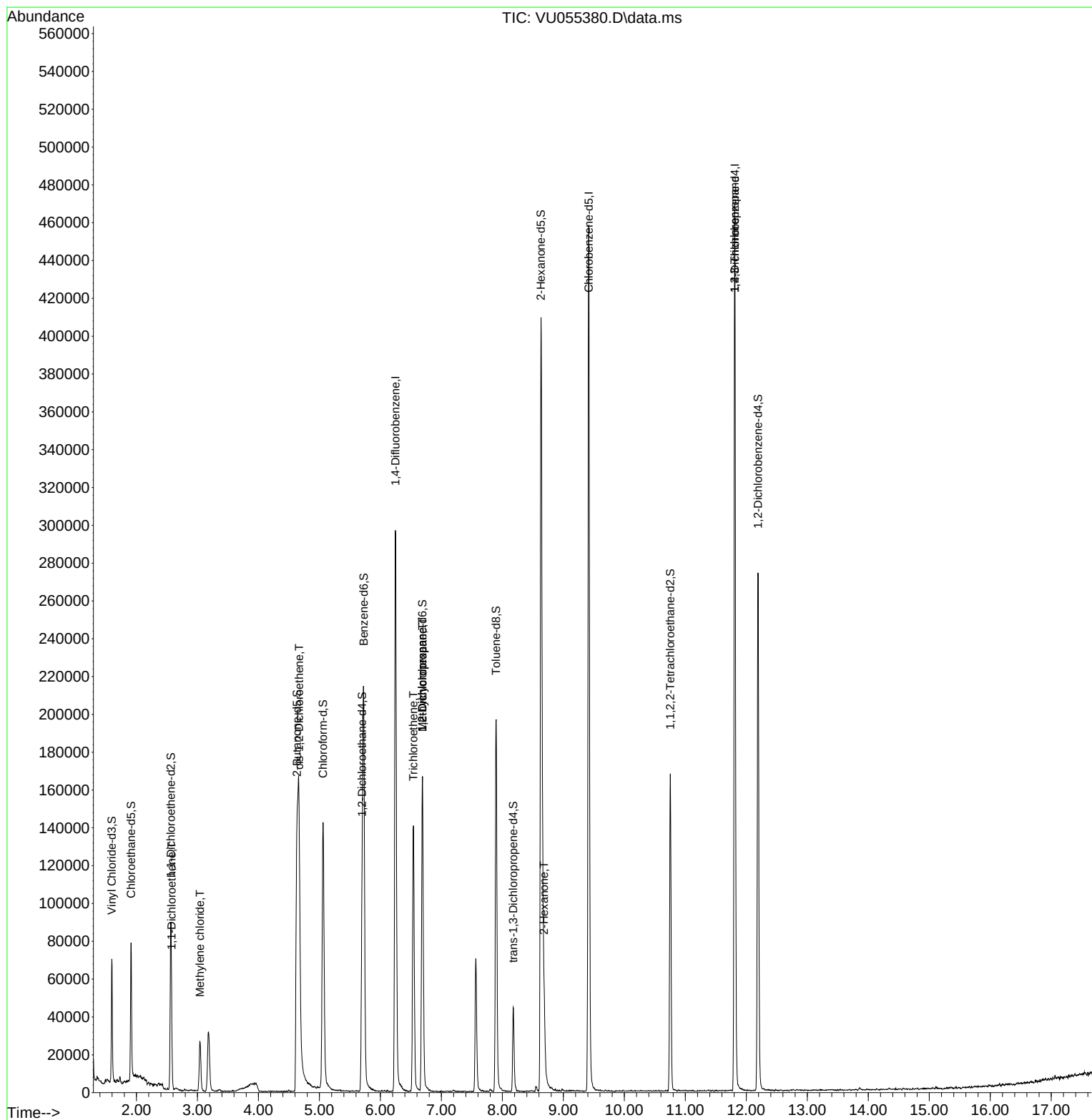
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	250384	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	123805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45830	3.185	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.911	69	50071	3.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.563	65	16169	3.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.631	46	244241	61.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.740%
24) Chloroform-d	5.059	84	132992	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	72142	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.724	84	202221	3.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.689	67	82136	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.898	98	137984	2.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	8.177	79	25244	3.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.631	63	132614	55.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83316	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	76269	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	2499	0.142	ug/L #	1
16) Methylene chloride	3.039	84	12876	0.491	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	51277	2.262	ug/L	96
34) Trichloroethene	6.541	95	48928	2.017	ug/L	96
35) Methylcyclohexane	6.689	83	19503	0.553	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8868	0.396	ug/L #	89
48) 2-Hexanone	8.682	43	25142	3.140	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	15681	1.308	ug/L #	66

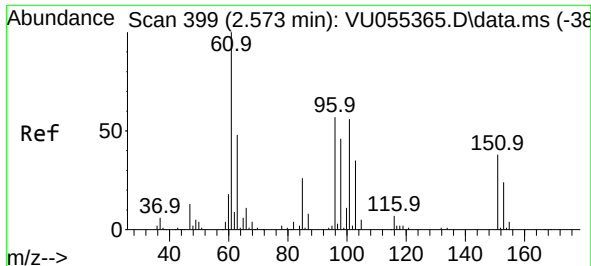
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055380.D

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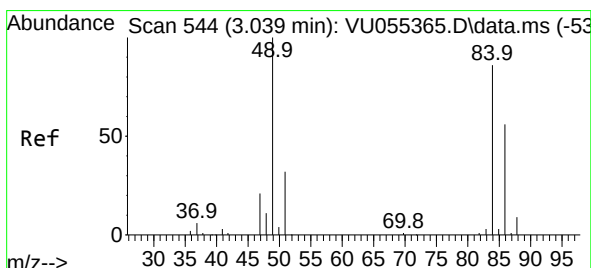
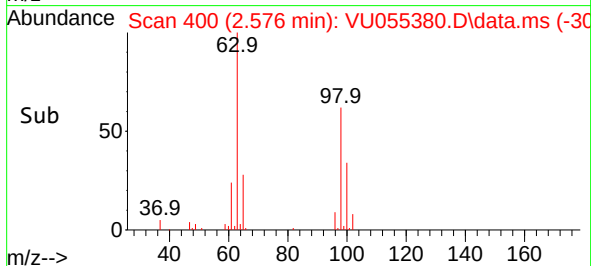
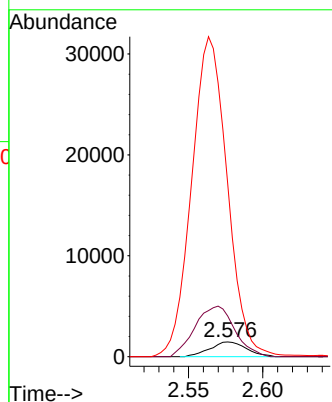
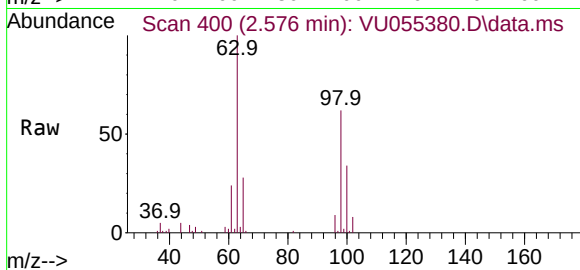
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2499

Ion	Ratio	Lower	Upper
96	100		
61	274.9	122.8	228.0#
63	1168.9	71.7	133.3#



#16

Methylene chloride

Concen: 0.491 ug/L

RT: 3.039 min Scan# 544

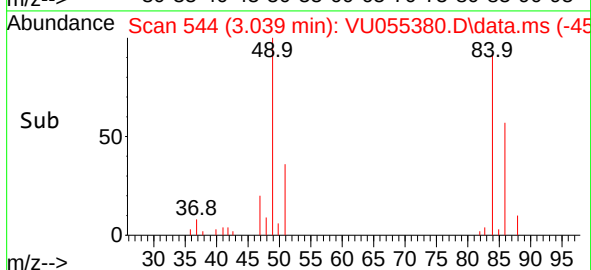
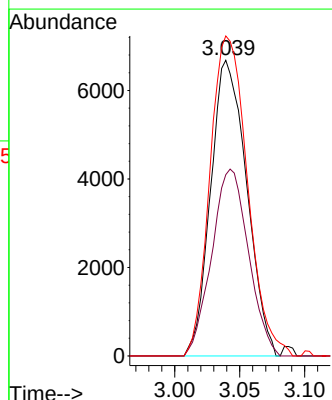
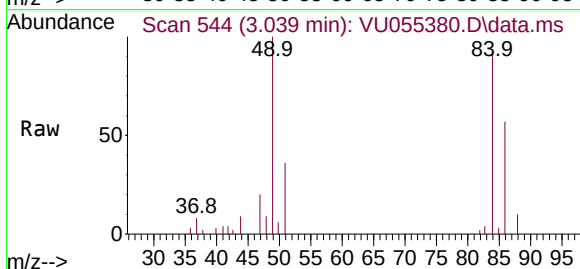
Delta R.T. -0.000 min

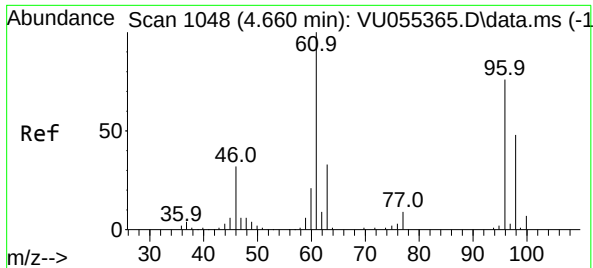
Lab File: VU055380.D

Acq: 18 Sep 2023 18:51

Tgt Ion: 84 Resp: 12876

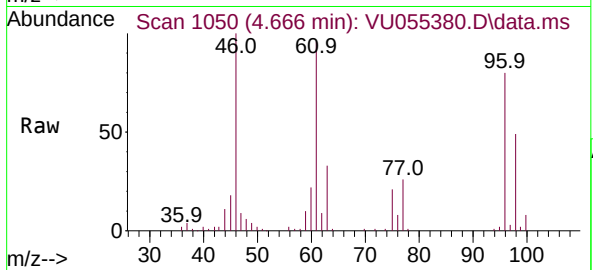
Ion	Ratio	Lower	Upper
84	100		
86	61.3	42.4	78.8
49	114.9	79.9	148.3





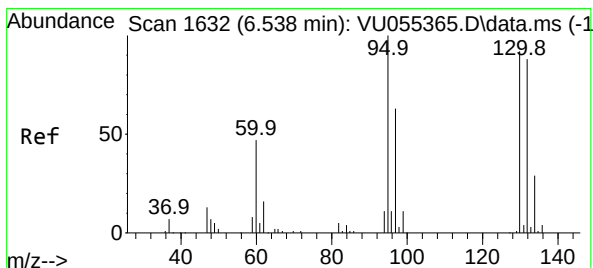
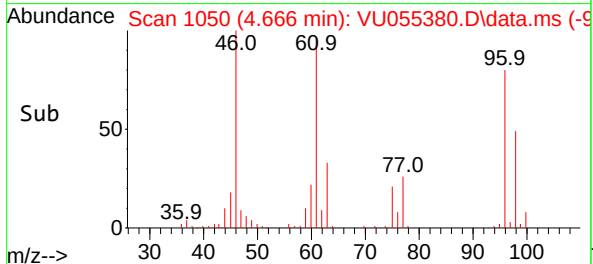
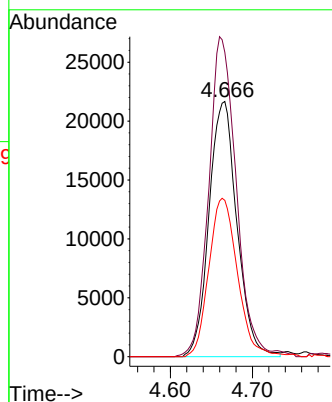
#22
cis-1,2-Dichloroethene
Concen: 2.262 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 51277

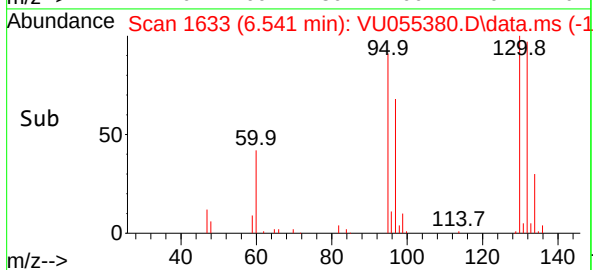
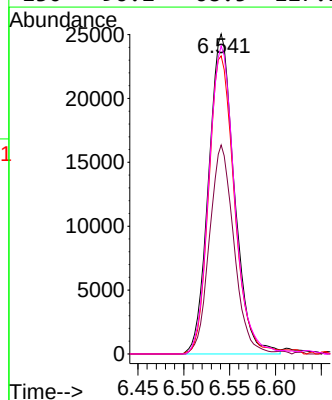
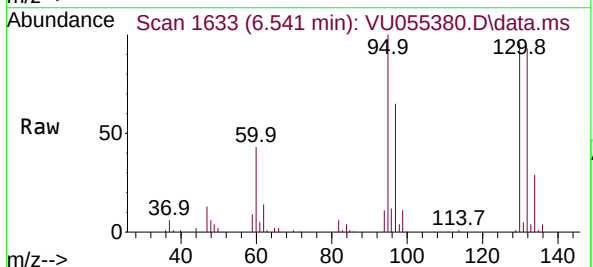
Ion	Ratio	Lower	Upper
96	100		
61	119.2	88.1	163.7
98	61.2	43.5	80.7

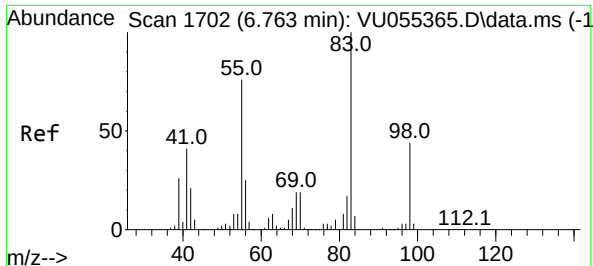


#34
Trichloroethene
Concen: 2.017 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51

Tgt Ion: 95 Resp: 48928

Ion	Ratio	Lower	Upper
95	100		
97	65.3	47.4	88.0
132	93.1	60.5	112.3
130	96.2	68.5	127.1

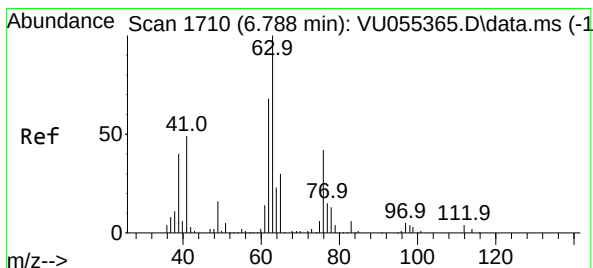
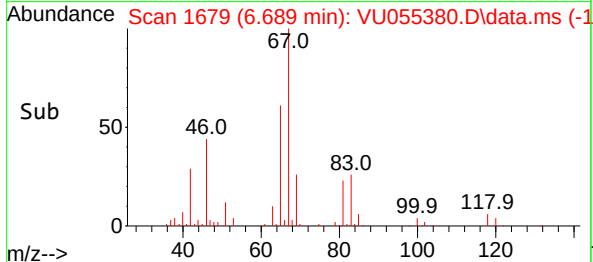
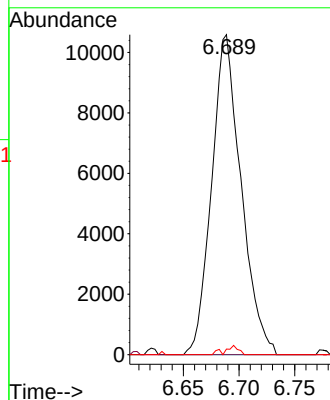
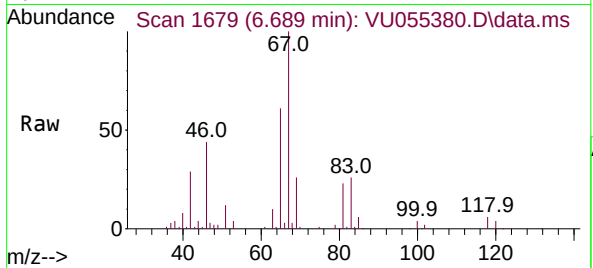




#35
Methylcyclohexane
Concen: 0.553 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51

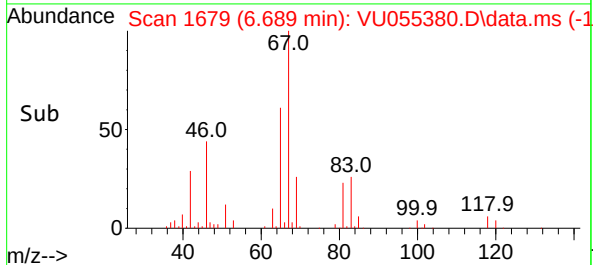
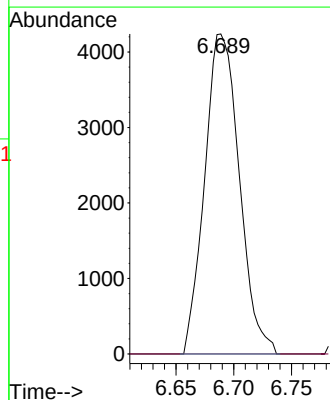
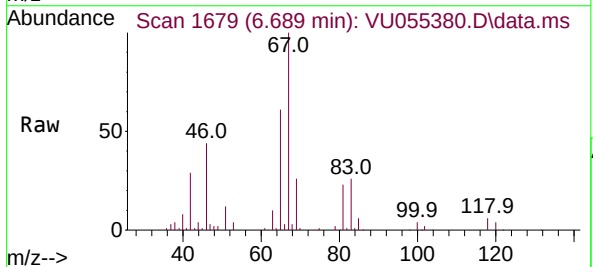
Instrument :
MSVOA_U
ClientSampleId :

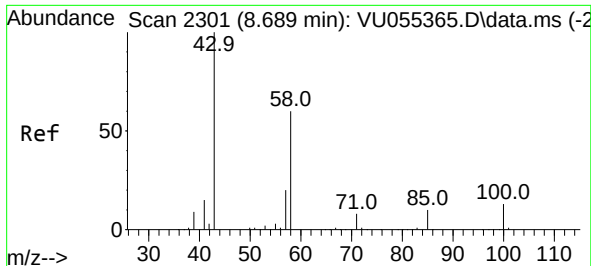
Tgt Ion: 83 Resp: 19503
Ion Ratio Lower Upper
83 100
55 0.0 58.7 88.1#
98 1.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.396 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51

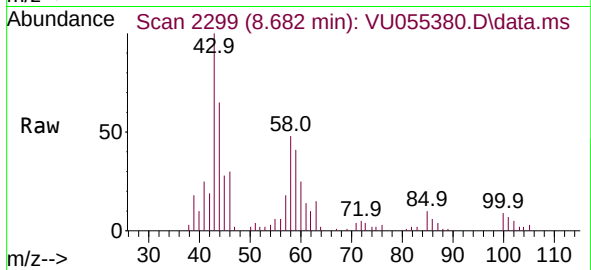
Tgt Ion: 63 Resp: 8868
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



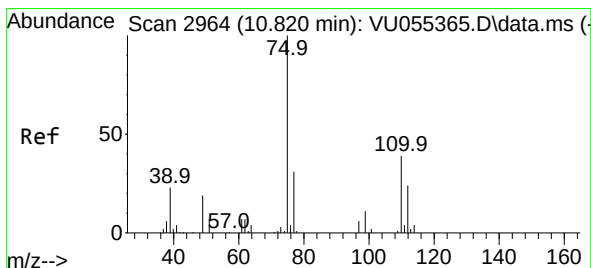
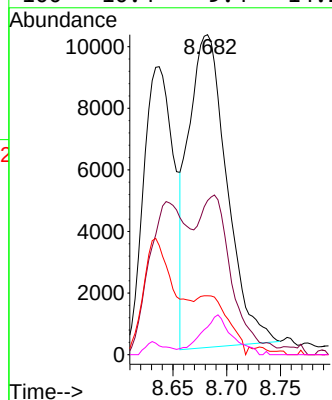
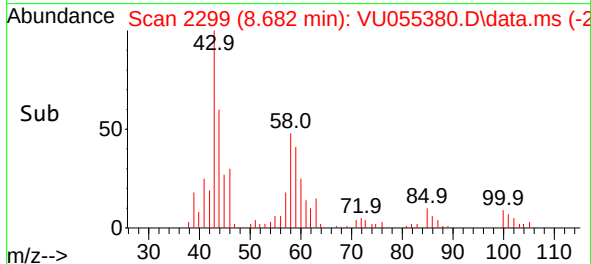


#48
2-Hexanone
Concen: 3.140 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51

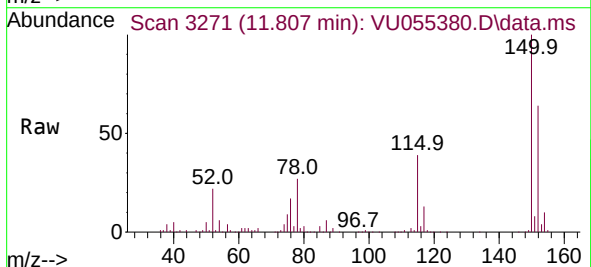
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 25142
Ion Ratio Lower Upper
43 100
58 41.0 47.8 71.6#
57 0.0 15.4 23.2#
100 10.4 9.4 14.2



#61
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055380.D
Acq: 18 Sep 2023 18:51



Tgt Ion: 75 Resp: 15681
Ion Ratio Lower Upper
75 100
110 2.4 31.4 47.2#
77 33.9 26.0 39.0

