

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055316.D
 Acq On : 14 Sep 2023 19:18
 Operator : MD/SY
 Sample : 04380-03 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:04:26 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)

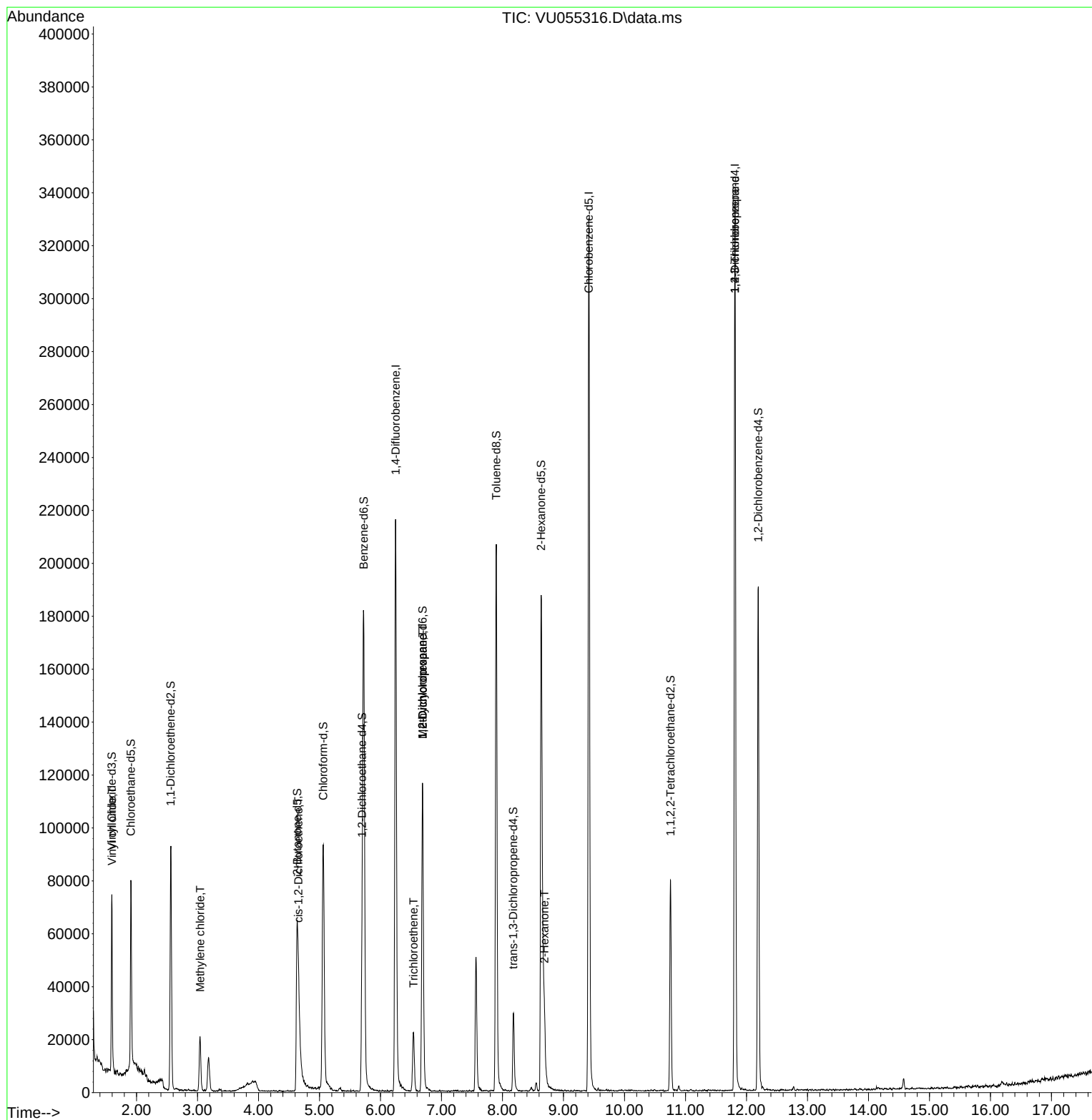
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	183817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47222	5.619	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.400%	
7) Chloroethane-d5	1.907	69	50151	5.156	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.560	65	17990	3.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.634	46	104350	42.791	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.580%	
24) Chloroform-d	5.062	84	88014	3.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
26) 1,2-Dichloroethane-d4	5.698	65	46917	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.724	84	172886	3.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.689	67	58239	4.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.898	98	143669	3.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	17235	4.337	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.634	63	59588	36.932	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.860%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	40431	3.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	49161	3.828	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.600%#	
Target Compounds						
5) Vinyl chloride	1.599	62	1333	0.119	ug/L #	30
16) Methylene chloride	3.042	84	9802	0.774	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	2787	0.271	ug/L	80
34) Trichloroethene	6.541	95	6684	0.615	ug/L	87
35) Methylcyclohexane	6.689	83	13259	0.869	ug/L #	23
37) 1,2-Dichloropropane	6.689	63	6627	0.622	ug/L #	90
48) 2-Hexanone	8.688	43	17359	3.648	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	11882	2.035	ug/L #	70

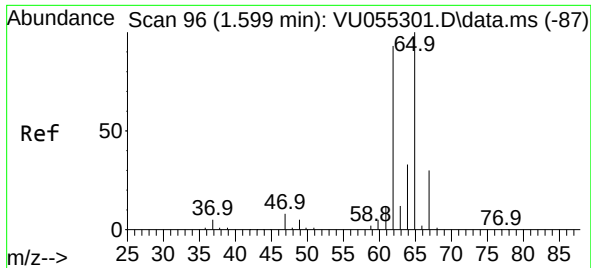
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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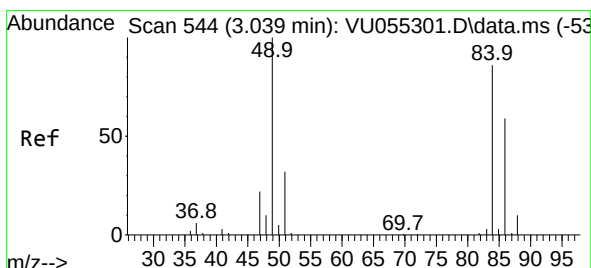
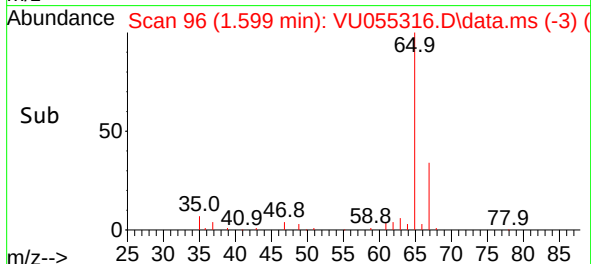
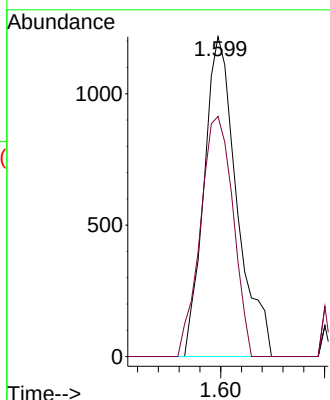
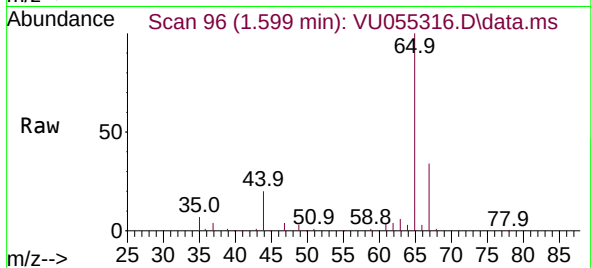




#5
 Vinyl chloride
 Concen: 0.119 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

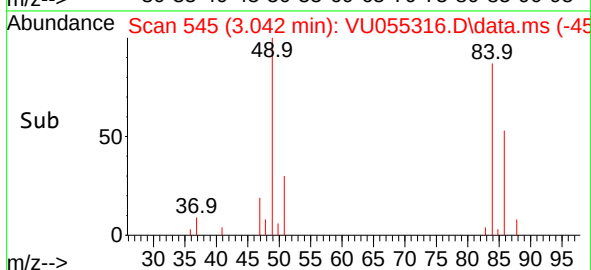
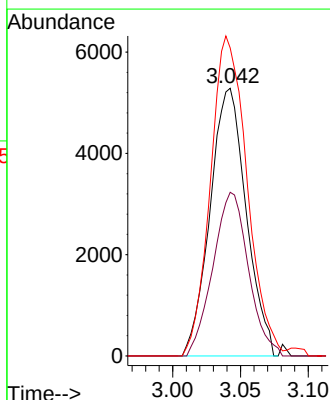
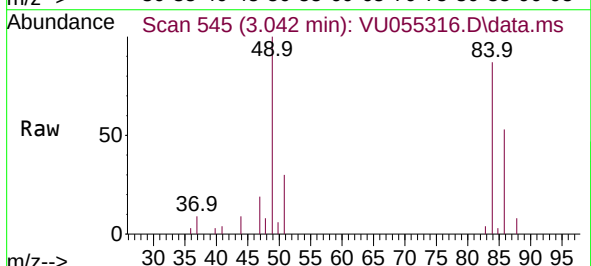
Instrument :
 MSVOA_U
 ClientSampleId :

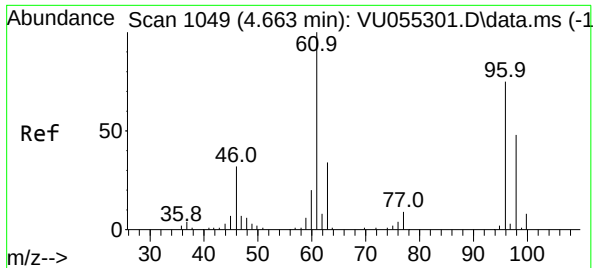
Tgt Ion: 62 Resp: 1333
 Ion Ratio Lower Upper
 62 100
 64 75.1 24.2 45.0#



#16
 Methylene chloride
 Concen: 0.774 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

Tgt Ion: 84 Resp: 9802
 Ion Ratio Lower Upper
 84 100
 86 61.2 43.4 80.6
 49 121.5 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 0.271 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.006 min

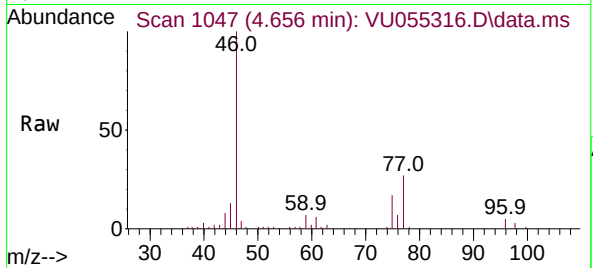
Lab File: VU055316.D

Acq: 14 Sep 2023 19:18

Instrument :

MSVOA_U

ClientSampleId :



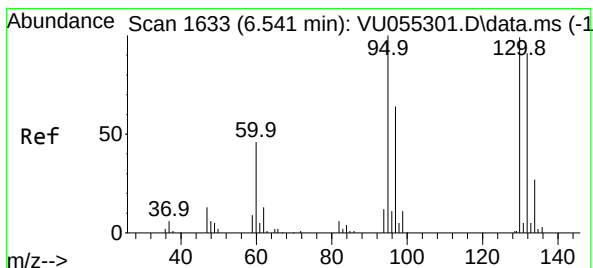
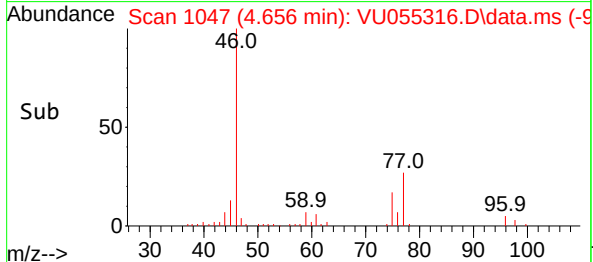
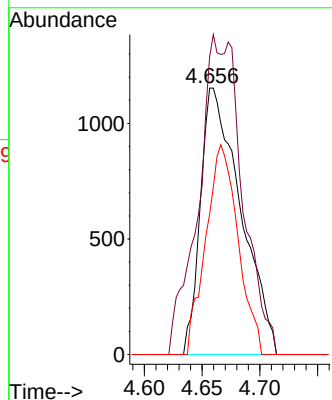
Tgt Ion: 96 Resp: 2787

Ion Ratio Lower Upper

96 100

61 111.8 97.2 180.4

98 52.6 46.1 85.7



#34

Trichloroethene

Concen: 0.615 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055316.D

Acq: 14 Sep 2023 19:18

Tgt Ion: 95 Resp: 6684

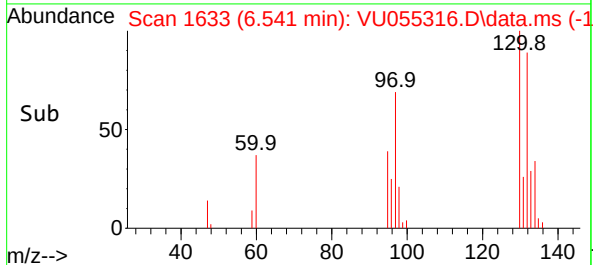
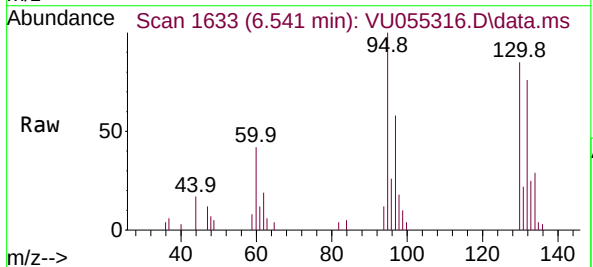
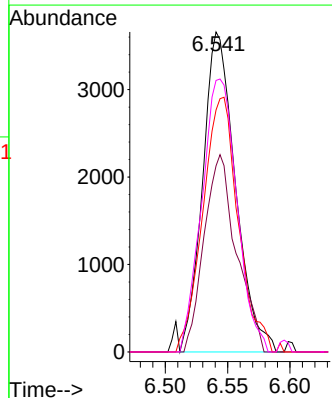
Ion Ratio Lower Upper

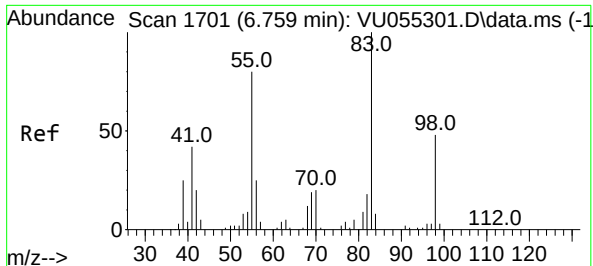
95 100

97 58.2 44.7 83.1

132 75.6 66.6 123.6

130 84.8 66.5 123.5

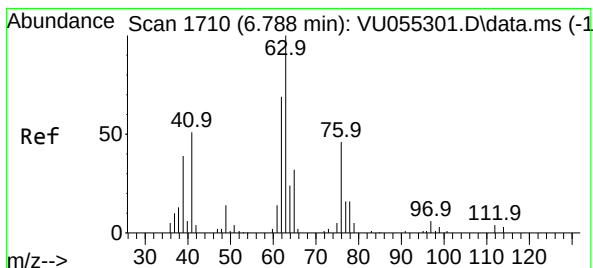
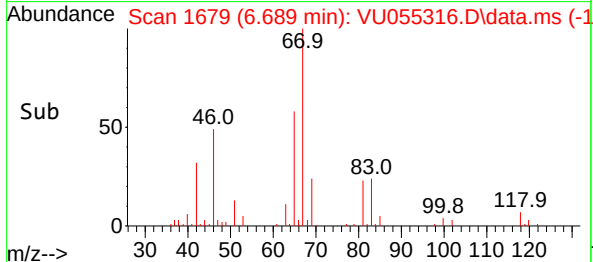
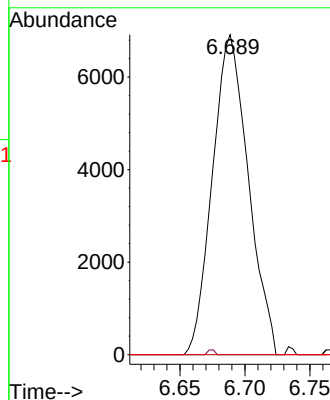
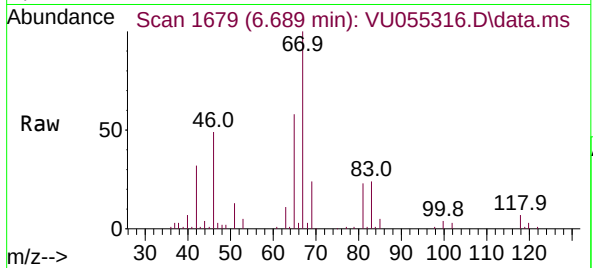




#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055316.D
Acq: 14 Sep 2023 19:18

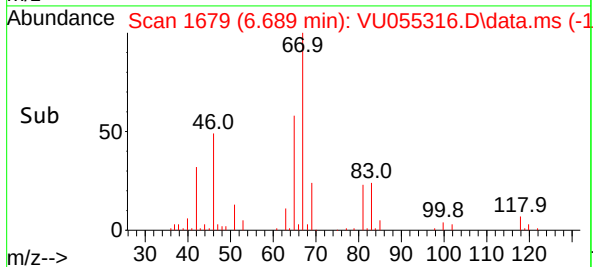
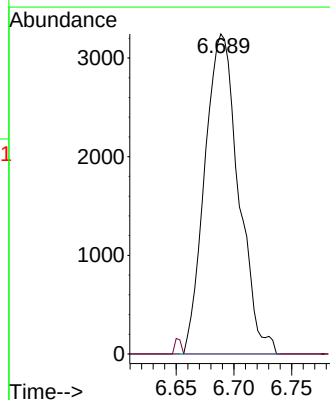
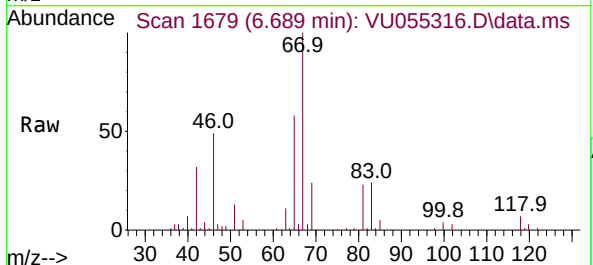
Instrument :
MSVOA_U
ClientSampleId :

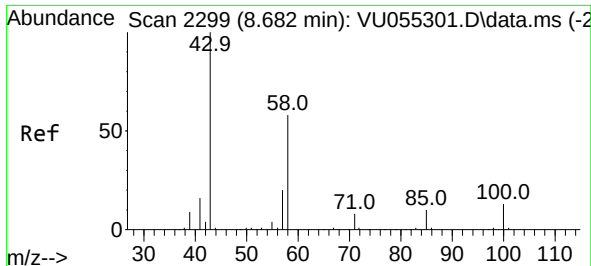
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	5.8	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055316.D
Acq: 14 Sep 2023 19:18

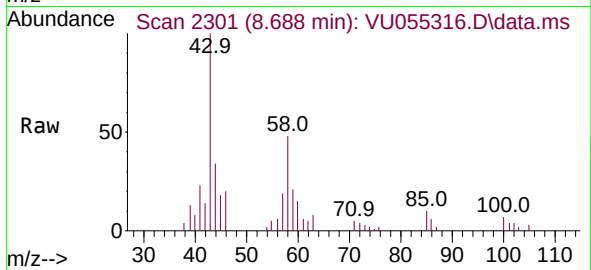
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.9	3.2	4.8#



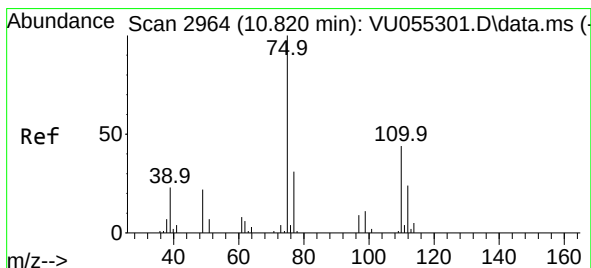
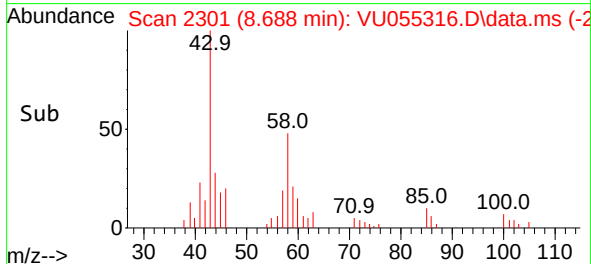
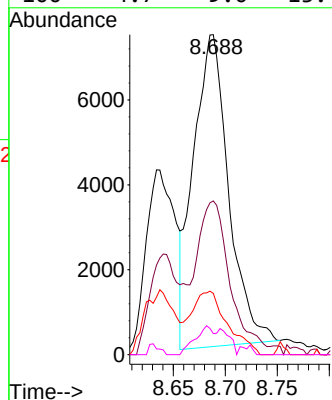


#48
2-Hexanone
Concen: 3.648 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055316.D
Acq: 14 Sep 2023 19:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	17359
Ion	Ratio	Lower	Upper
43	100		
58	45.2	44.0	66.0
57	20.5	16.2	24.2
100	4.7	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 2.035 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055316.D
Acq: 14 Sep 2023 19:18

Tgt Ion:	75	Resp:	11882
Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.2	42.2
77	32.3	26.2	39.4

