

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055433.D
 Acq On : 20 Sep 2023 18:30
 Operator : MD/SY
 Sample : 04398-01DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

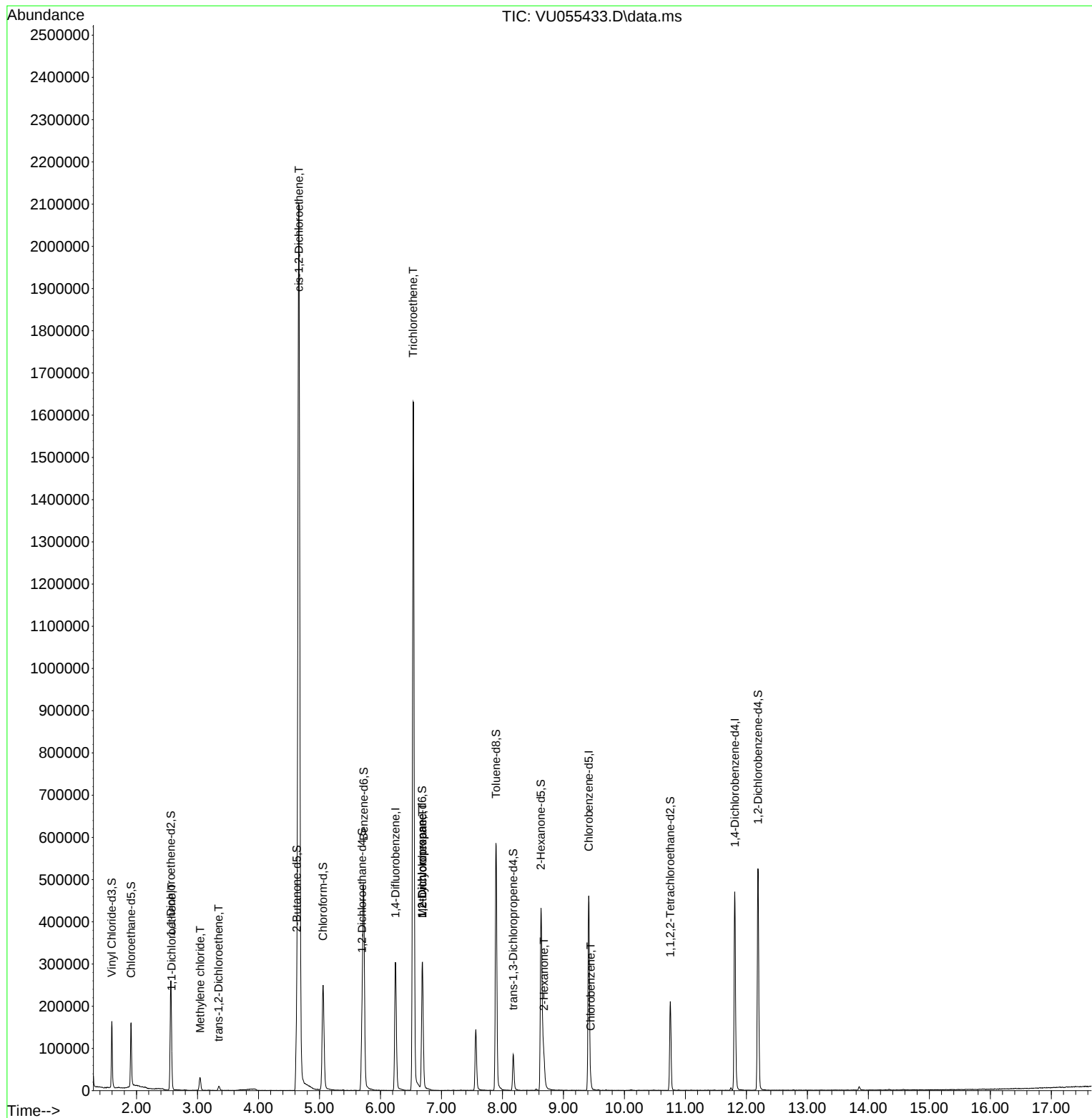
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	253782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	127432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	110391	4.304	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.911	69	106996	4.734	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.600%	
11) 1,1-Dichloroethene-d2	2.563	65	48734	4.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.628	46	248429	53.623	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.240%	
24) Chloroform-d	5.058	84	234855	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.698	65	120457	5.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.724	84	472180	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.685	67	142117	5.171	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.894	98	402832	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	8.177	79	47391	4.913	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.631	63	135406	46.155	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.300%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105598	5.127	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139381	5.419	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	2801	0.158	ug/L #	1
16) Methylene chloride	3.042	84	14775	0.695	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	3629	0.203	ug/L #	82
22) cis-1,2-Dichloroethene	4.663	96	1111740	53.617	ug/L	98
34) Trichloroethene	6.537	95	558899	26.104	ug/L	99
35) Methylcyclohexane	6.689	83	33668	1.092	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	15301	0.773	ug/L #	88
48) 2-Hexanone	8.682	43	39828	5.723	ug/L #	79
51) Chlorobenzene	9.447	112	7473	0.145	ug/L #	87

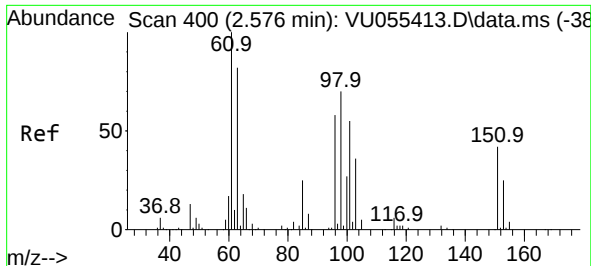
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.158 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055433.D

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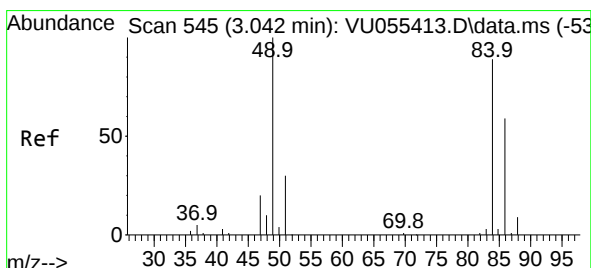
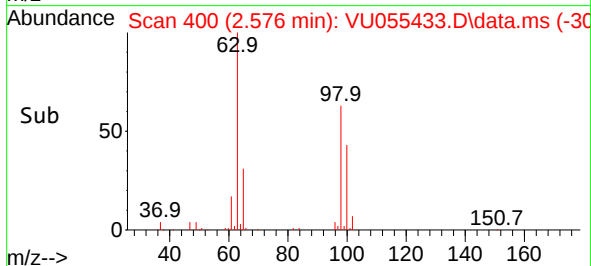
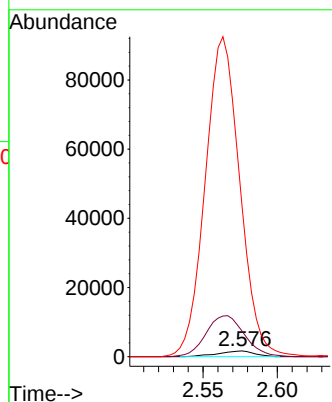
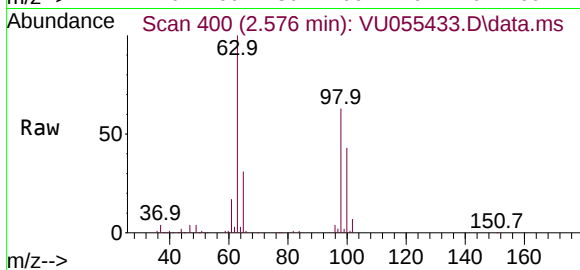
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2801

Ion	Ratio	Lower	Upper
96	100		
61	443.4	114.5	212.7#
63	2608.5	98.3	182.5#



#16

Methylene chloride

Concen: 0.695 ug/L

RT: 3.042 min Scan# 545

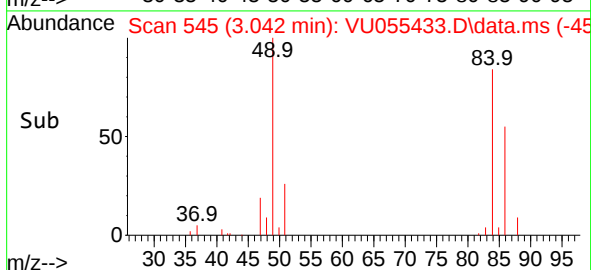
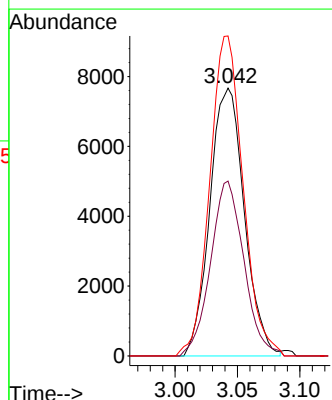
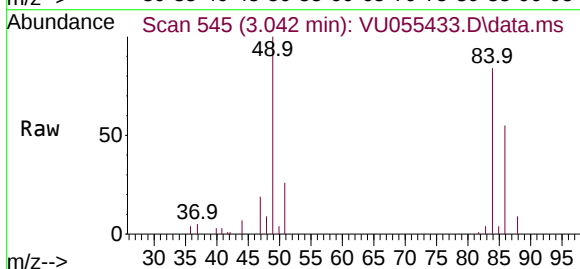
Delta R.T. 0.000 min

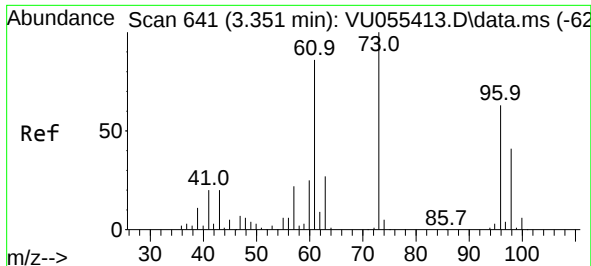
Lab File: VU055433.D

Acq: 20 Sep 2023 18:30

Tgt Ion: 84 Resp: 14775

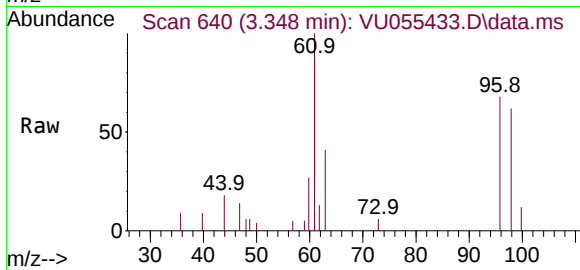
Ion	Ratio	Lower	Upper
84	100		
86	65.3	44.9	83.3
49	119.5	78.8	146.3



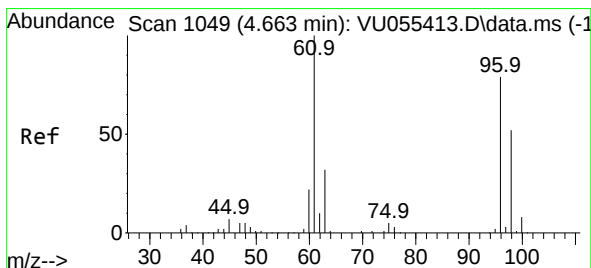
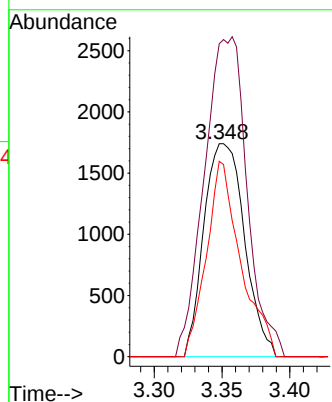
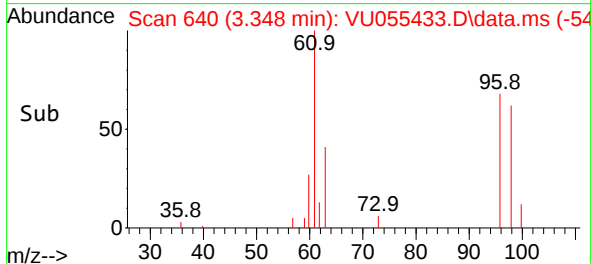


#18
trans-1,2-Dichloroethene
Concen: 0.203 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30

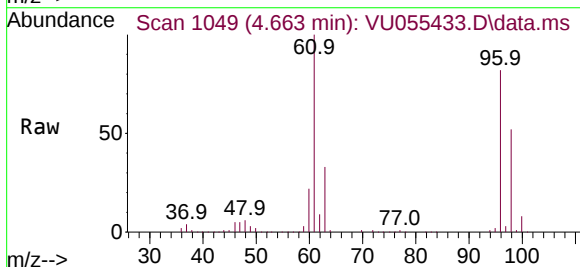
Instrument :
MSVOA_U
ClientSampleId :



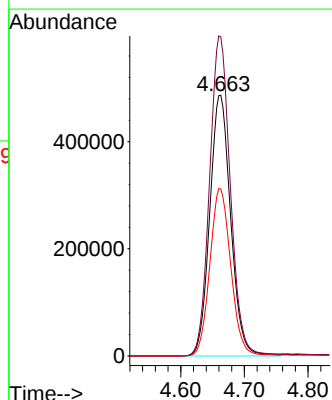
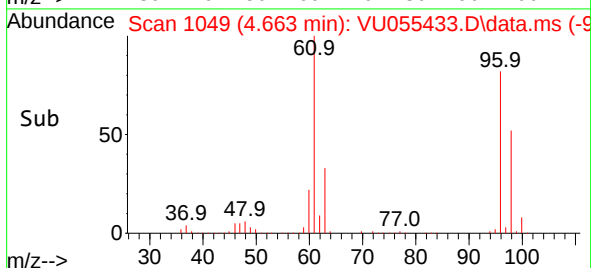
Tgt Ion: 96 Resp: 3629
Ion Ratio Lower Upper
96 100
61 146.9 94.6 175.6
98 91.7 45.7 84.9#

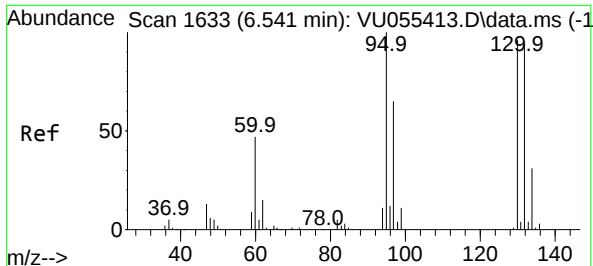


#22
cis-1,2-Dichloroethene
Concen: 53.617 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30



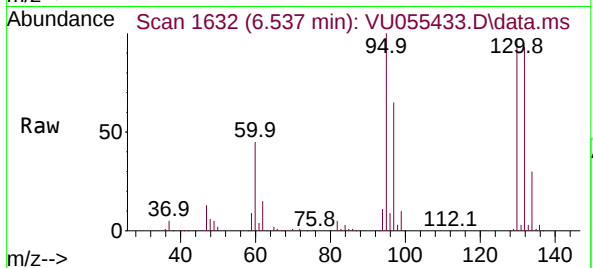
Tgt Ion: 96 Resp: 1111740
Ion Ratio Lower Upper
96 100
61 122.3 87.8 163.2
98 64.0 44.4 82.4





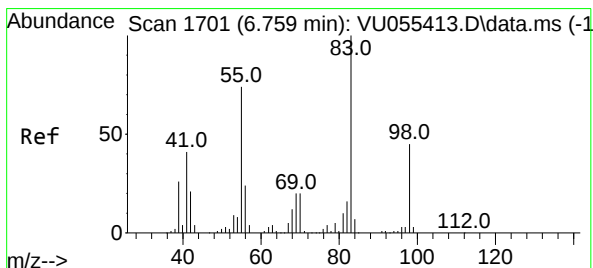
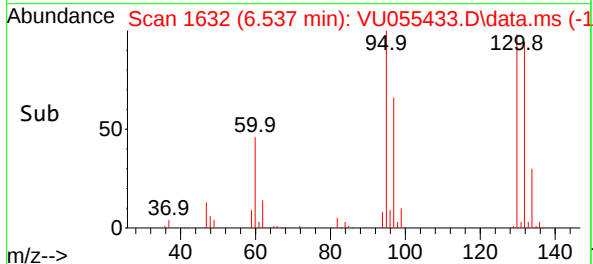
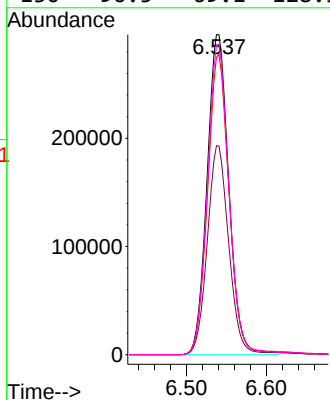
#34
Trichloroethene
Concen: 26.104 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 558899

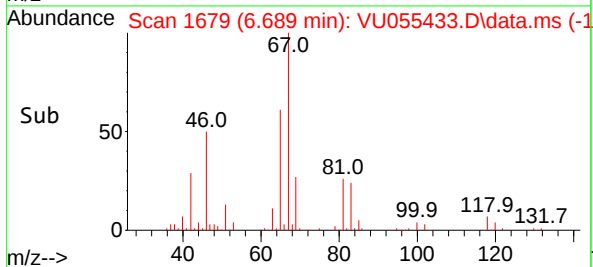
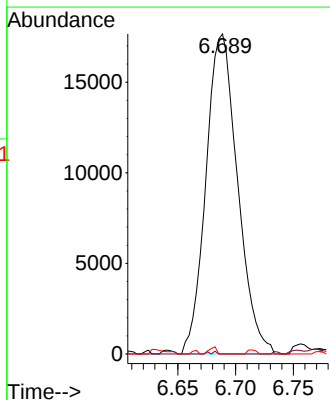
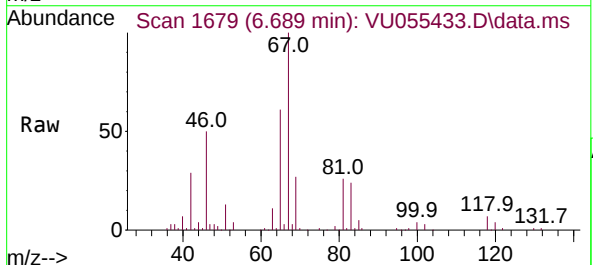
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.4	84.2
132	92.9	65.2	121.2
130	96.5	69.1	128.3

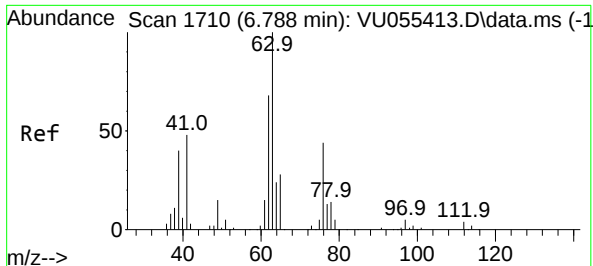


#35
Methylcyclohexane
Concen: 1.092 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30

Tgt Ion: 83 Resp: 33668

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.1	88.7#
98	0.0	36.3	54.5#

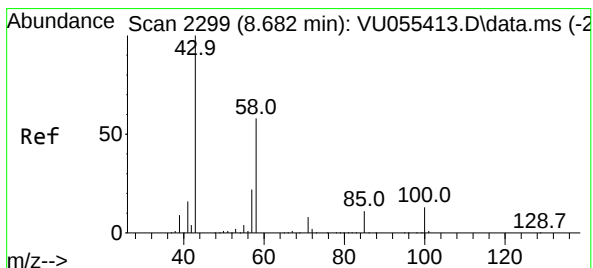
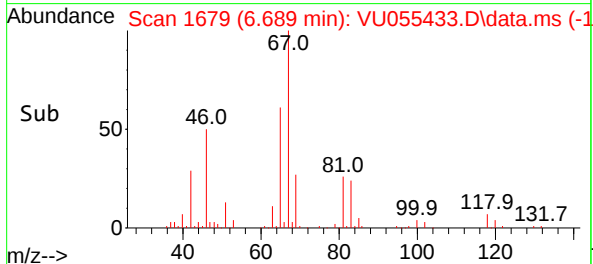
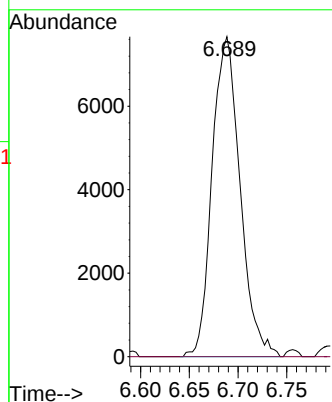
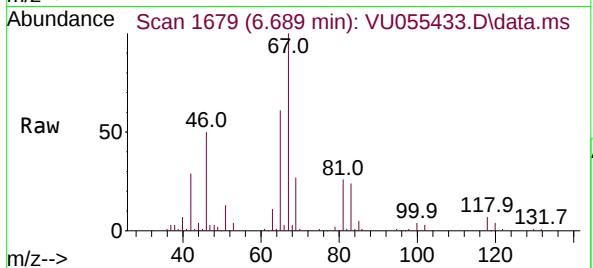




#37
1,2-Dichloropropane
Concen: 0.773 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30

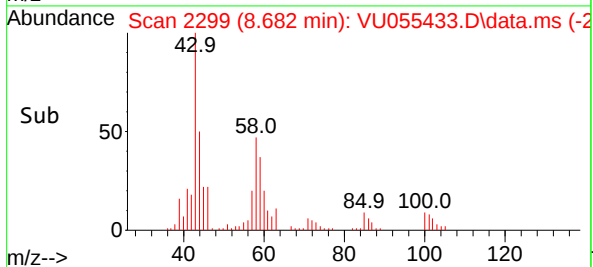
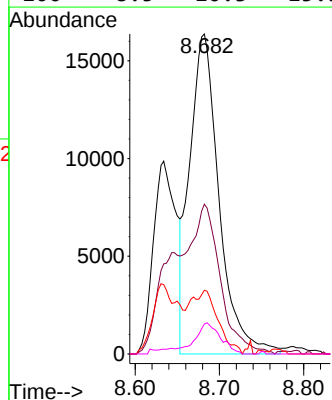
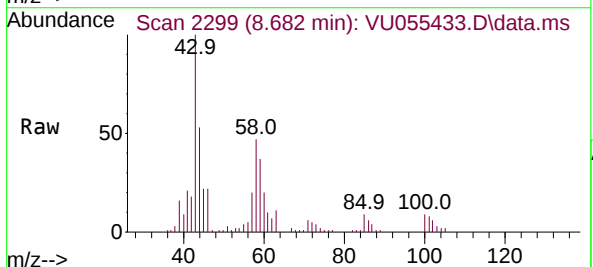
Instrument :
MSVOA_U
ClientSampleId :

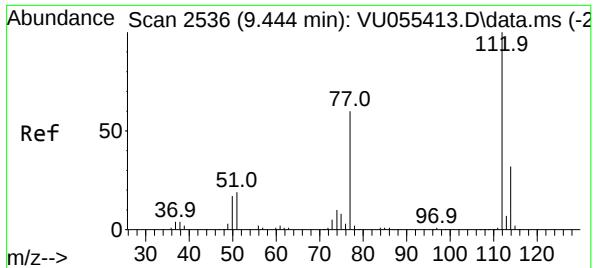
Tgt Ion: 63 Resp: 15301
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 5.723 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055433.D
Acq: 20 Sep 2023 18:30

Tgt Ion: 43 Resp: 39828
Ion Ratio Lower Upper
43 100
58 43.2 48.5 72.7#
57 11.8 17.0 25.4#
100 8.5 10.3 15.5#





#51
 Chlorobenzene
 Concen: 0.145 ug/L
 RT: 9.447 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055433.D
 Acq: 20 Sep 2023 18:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:112 Resp: 7473
 Ion Ratio Lower Upper
 112 100
 114 20.5 22.0 40.8#
 77 52.1 46.9 70.3

