

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055282.D
 Acq On : 13 Sep 2023 14:14
 Operator : MD/SY
 Sample : 04306-15 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:05:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

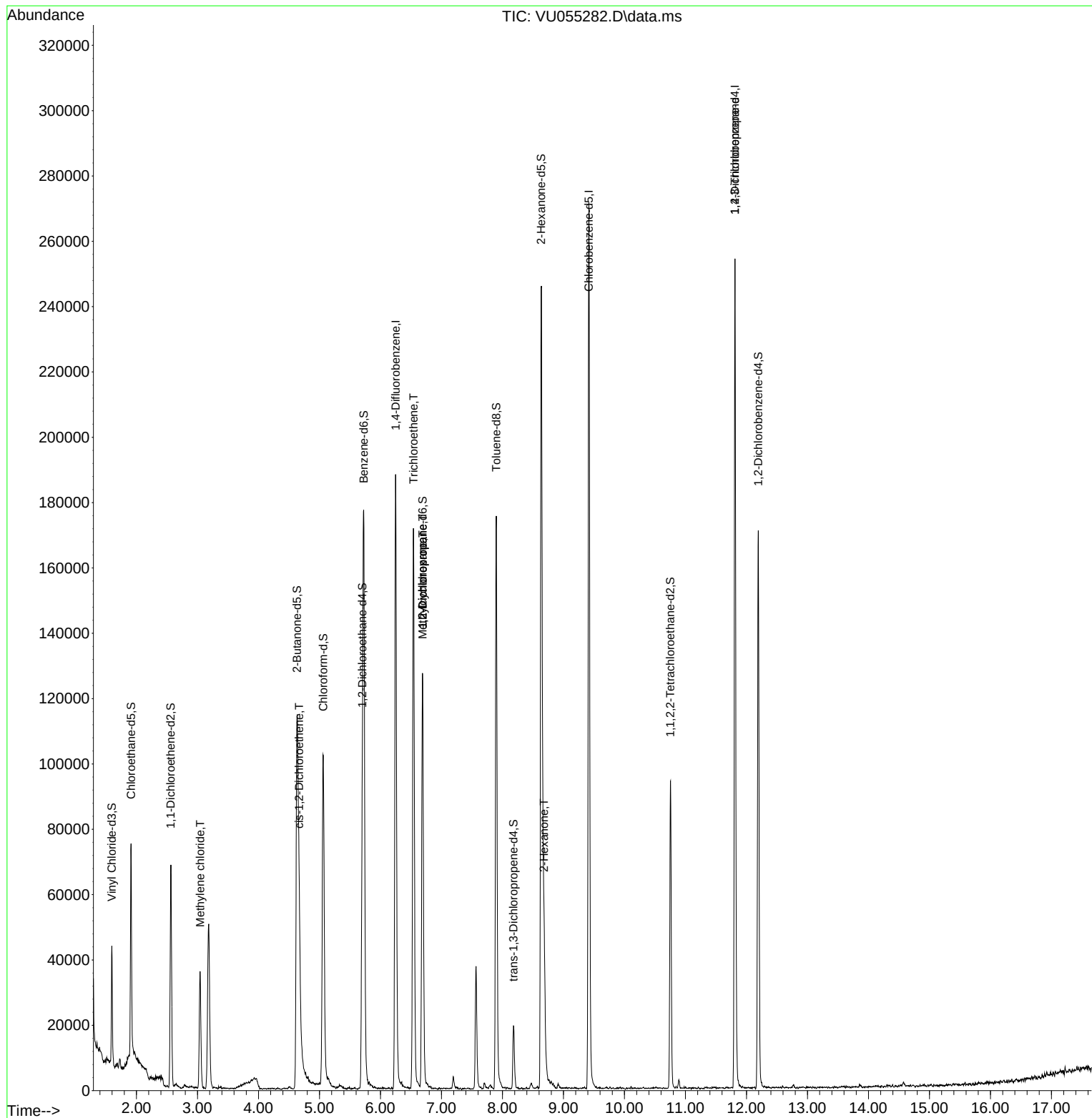
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	152948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	152824	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	63810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24741	3.451	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.000%	
7) Chloroethane-d5	1.911	69	45632	5.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.000%	
11) 1,1-Dichloroethene-d2	2.560	65	12918	3.163	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	4.631	46	148869	71.564	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.120%#	
24) Chloroform-d	5.062	84	95403	5.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.702	65	54666	5.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	5.727	84	164062	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.689	67	60518	5.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.898	98	121179	3.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.800%#	
43) trans-1,3-Dichloroprop...	8.181	79	11968	3.622	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.634	63	77394	57.695	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.400%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	47433	5.621	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	44941	4.825	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
16) Methylene chloride	3.043	84	16521	1.529	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	10752	1.224	ug/L	94
34) Trichloroethene	6.541	95	57811	6.395	ug/L	95
35) Methylcyclohexane	6.692	83	14914	1.176	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	6225	0.703	ug/L #	88
48) 2-Hexanone	8.682	43	24654	6.231	ug/L #	90
61) 1,2,3-Trichloropropane	11.811	75	9123	2.154	ug/L #	71

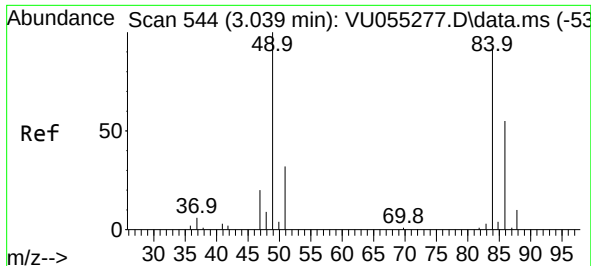
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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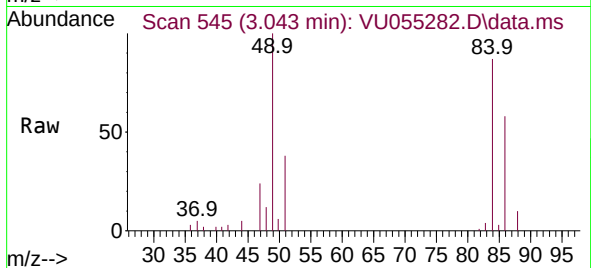
Quant Time: Sep 14 05:05:03 2023
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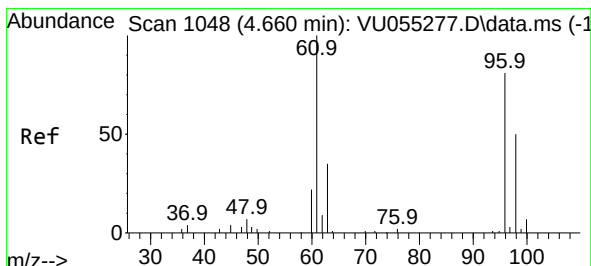
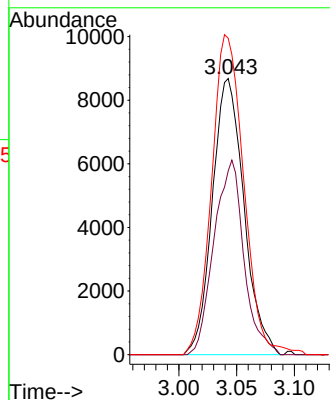
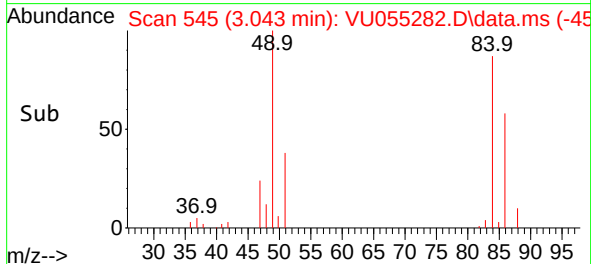


#16
Methylene chloride
Concen: 1.529 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055282.D
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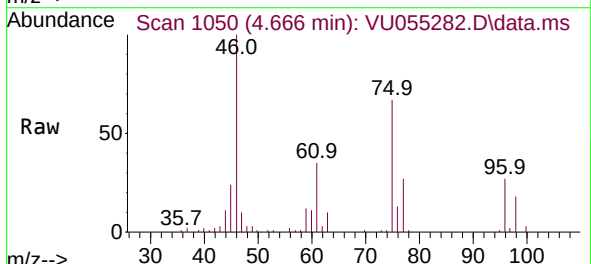
Instrument :
MSVOA_U
ClientSampleId :



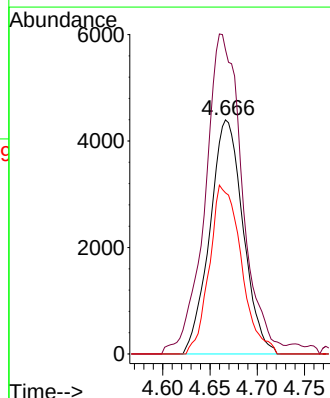
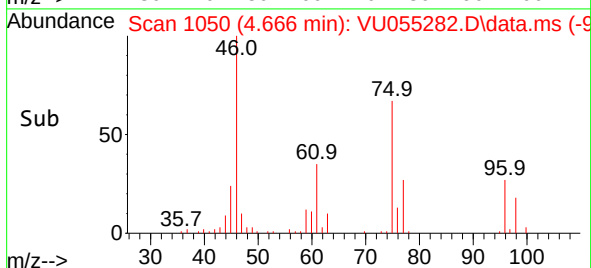
Tgt Ion: 84 Resp: 16521
Ion Ratio Lower Upper
84 100
86 66.5 43.4 80.6
49 121.7 87.7 162.9

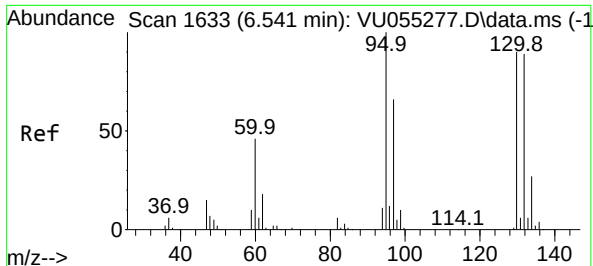


#22
cis-1,2-Dichloroethene
Concen: 1.224 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU055282.D
Acq: 13 Sep 2023 14:14



Tgt Ion: 96 Resp: 10752
Ion Ratio Lower Upper
96 100
61 130.0 97.2 180.4
98 68.8 46.1 85.7

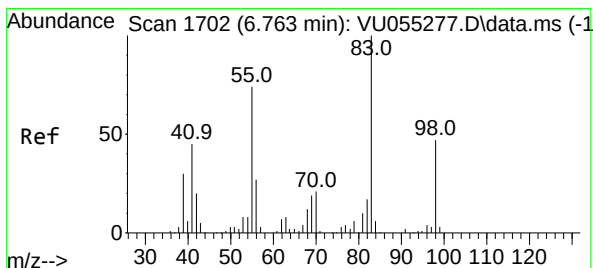
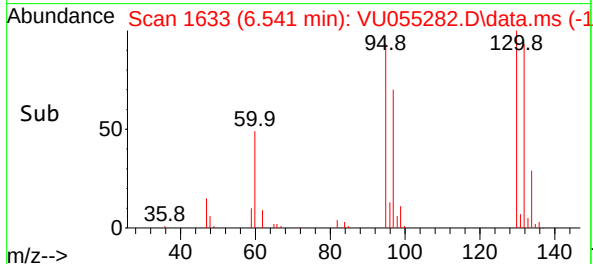
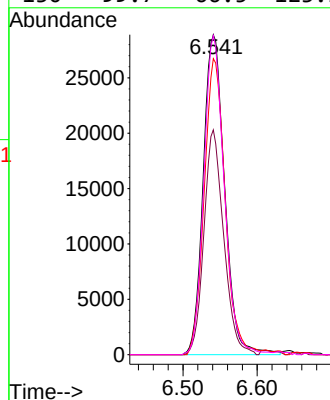
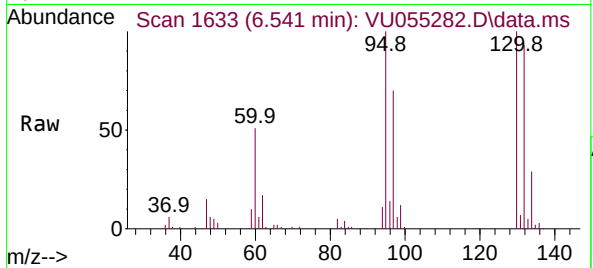




#34
Trichloroethene
Concen: 6.395 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055282.D
Acq: 13 Sep 2023 14:14

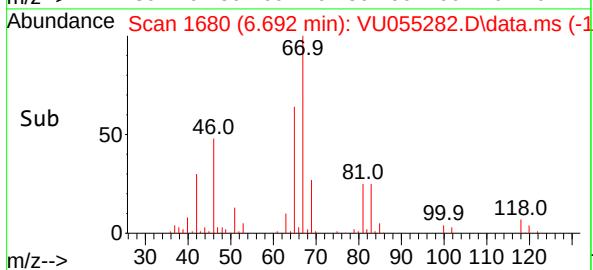
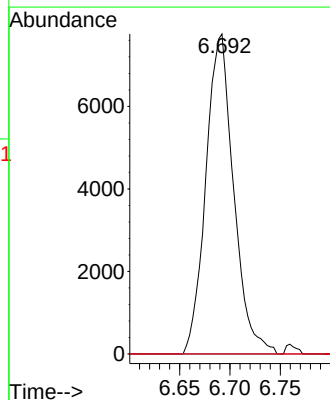
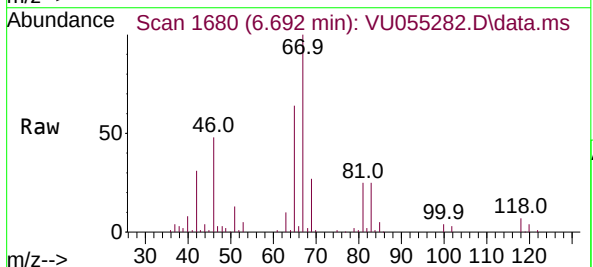
Instrument :
MSVOA_U
ClientSampleId :

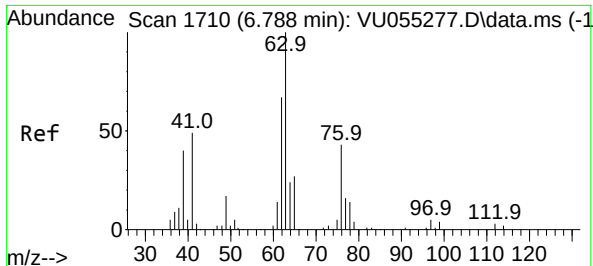
Tgt Ion: 95 Resp: 57811
Ion Ratio Lower Upper
95 100
97 70.3 44.7 83.1
132 92.5 66.6 123.6
130 99.7 66.5 123.5



#35
Methylcyclohexane
Concen: 1.176 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055282.D
Acq: 13 Sep 2023 14:14

Tgt Ion: 83 Resp: 14914
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 35.3 52.9#

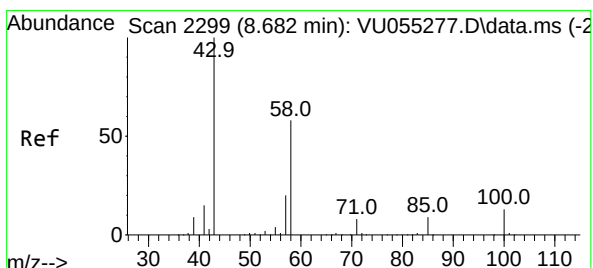
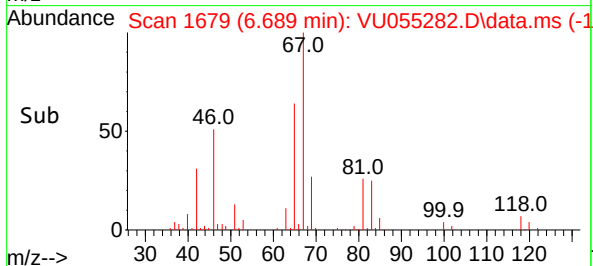
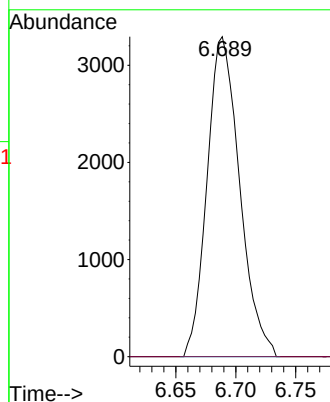
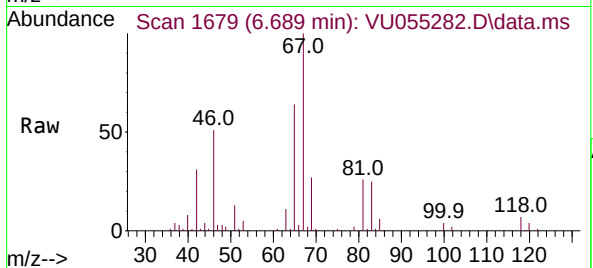




#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU055282.D
Acq: 13 Sep 2023 14:14

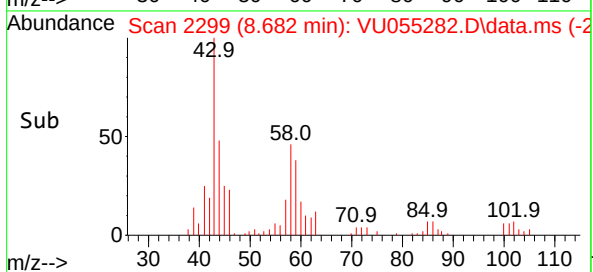
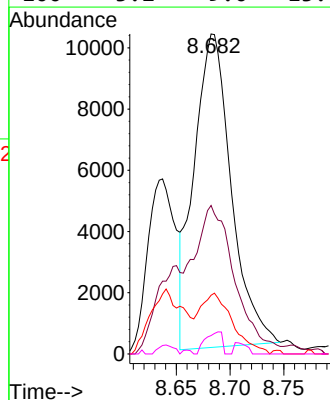
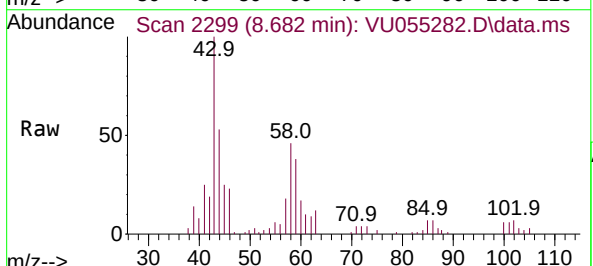
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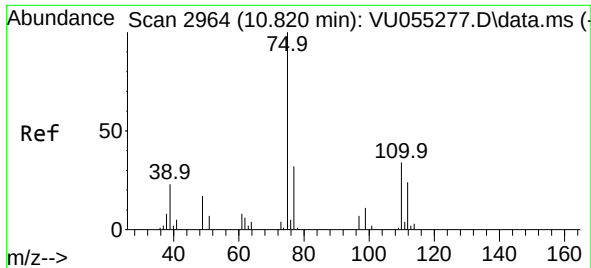
Tgt Ion: 63 Resp: 6225
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 6.231 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055282.D
Acq: 13 Sep 2023 14:14

Tgt Ion: 43 Resp: 24654
Ion Ratio Lower Upper
43 100
58 48.6 44.0 66.0
57 16.9 16.2 24.2
100 3.2 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.154 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.991 min

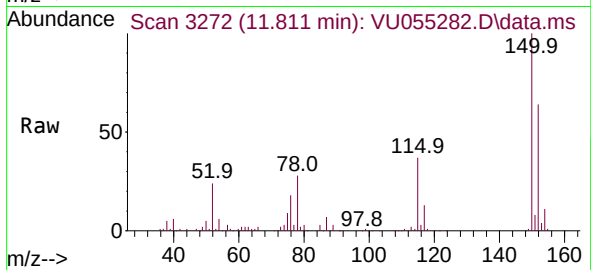
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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75	Resp:	9123
Ion	Ratio	Lower Upper
75	100	
110	2.9	28.2 42.2#
77	32.8	26.2 39.4

