

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055259.D
 Acq On : 12 Sep 2023 19:44
 Operator : MD/SY
 Sample : 04306-14 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

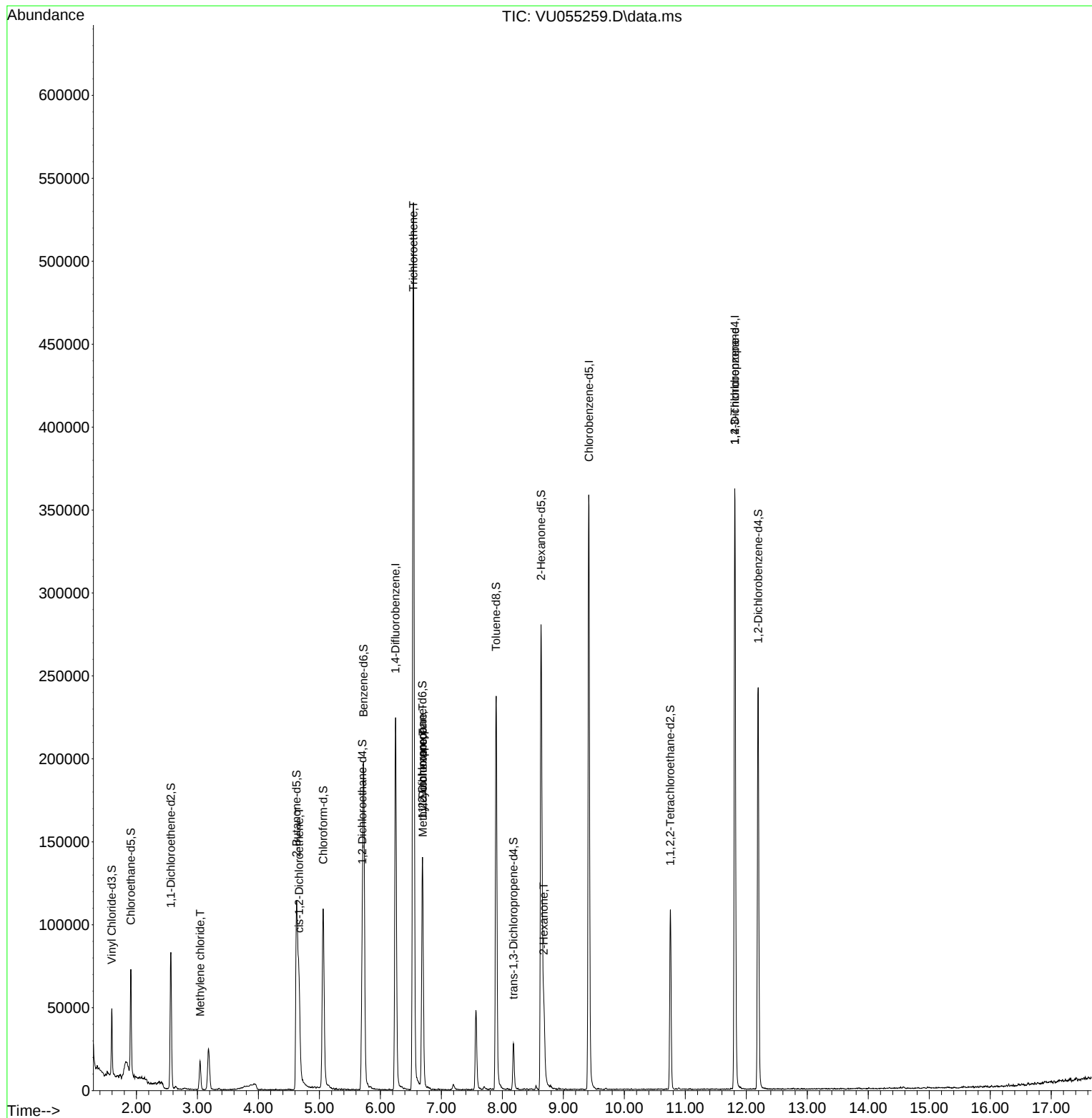
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179089	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	199998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	95719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28579	3.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.908	69	45174	4.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	15422	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.624	46	145620	59.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.560%
24) Chloroform-d	5.062	84	100664	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.702	65	54734	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	183824	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.689	67	67593	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.898	98	161038	3.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.181	79	15760	3.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.634	63	90527	51.568	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53432	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	62336	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	7868	0.622	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	24163	2.350	ug/L	92
34) Trichloroethene	6.541	95	176429	14.914	ug/L	97
35) Methylcyclohexane	6.695	83	15078	0.908	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	7265	0.627	ug/L #	88
48) 2-Hexanone	8.679	43	21353	4.124	ug/L #	94
61) 1,2,3-Trichloropropane	11.811	75	14130	2.224	ug/L #	70

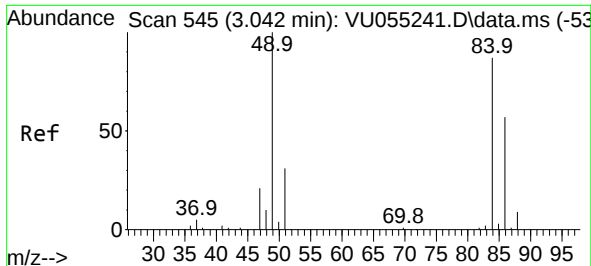
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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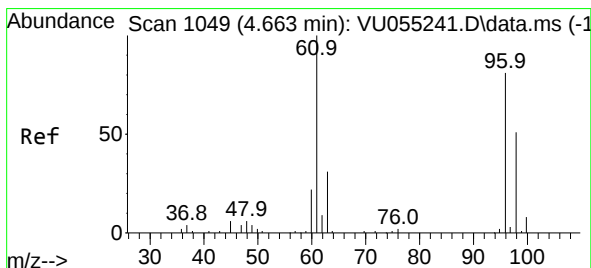
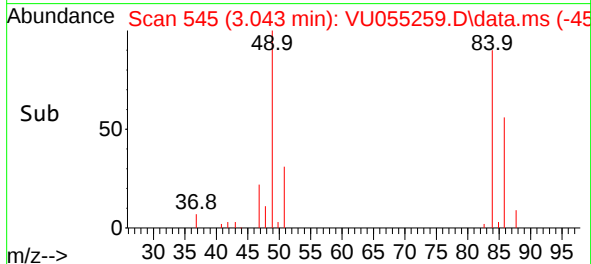
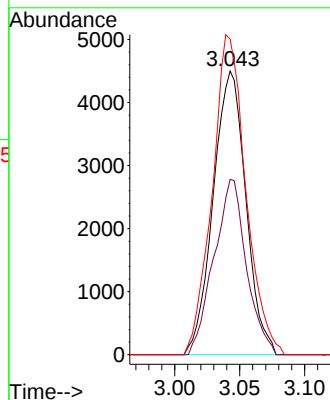
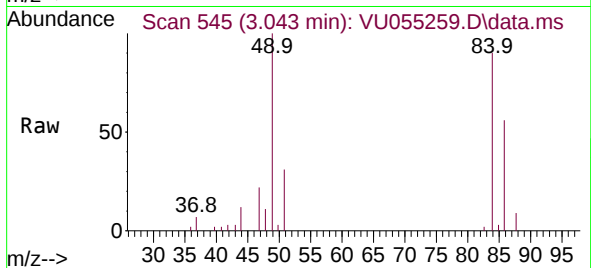




#16
Methylene chloride
Concen: 0.622 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055259.D
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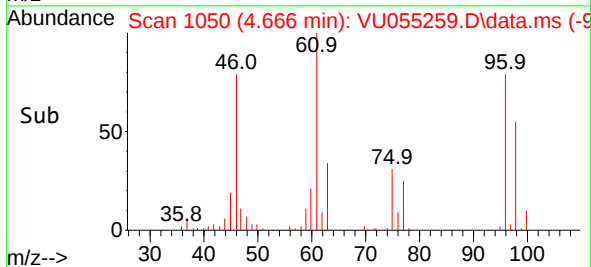
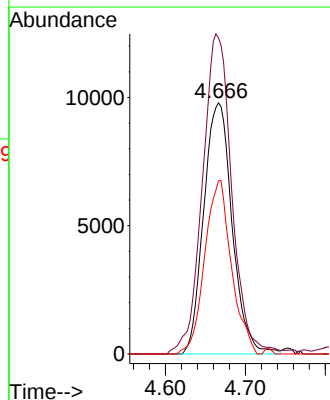
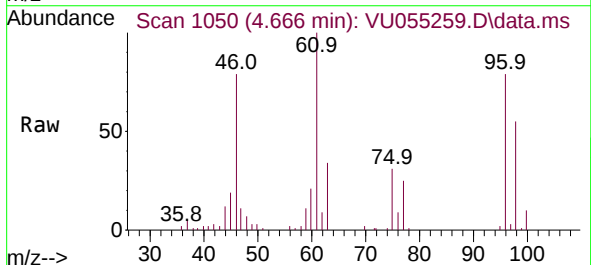
Instrument :
MSVOA_U
ClientSampleId :

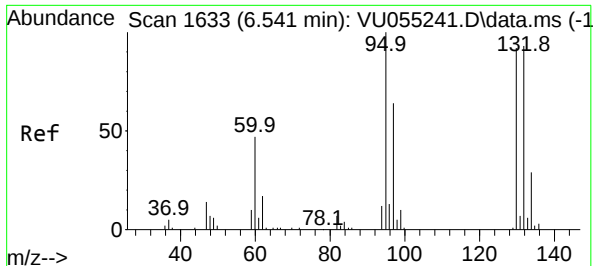
Tgt Ion: 84 Resp: 7868
Ion Ratio Lower Upper
84 100
86 61.8 43.4 80.6
49 115.0 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 2.350 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055259.D
Acq: 12 Sep 2023 19:44

Tgt Ion: 96 Resp: 24163
Ion Ratio Lower Upper
96 100
61 125.9 97.2 180.4
98 68.8 46.1 85.7

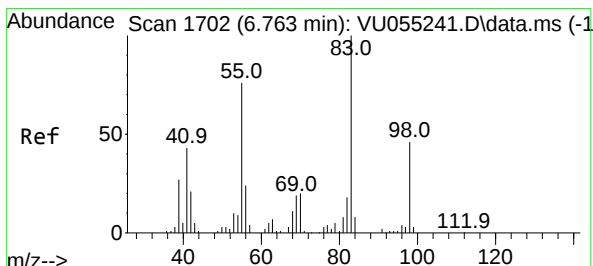
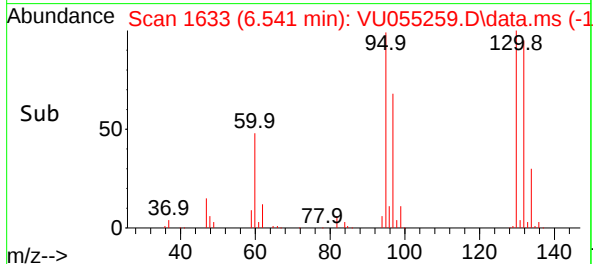
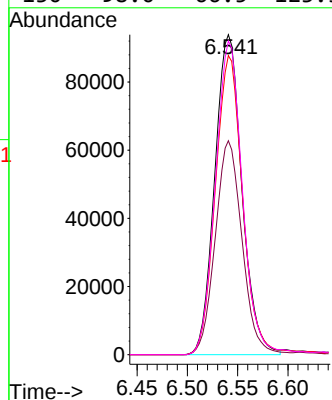
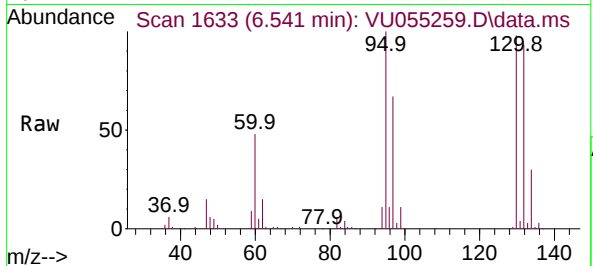




#34
Trichloroethene
Concen: 14.914 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055259.D
Acq: 12 Sep 2023 19:44

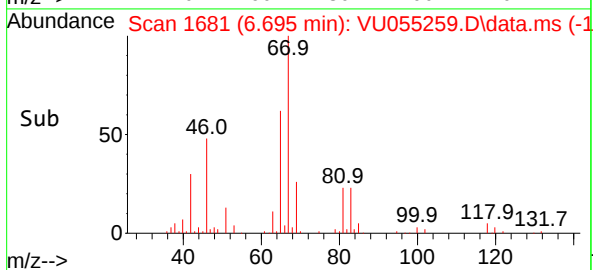
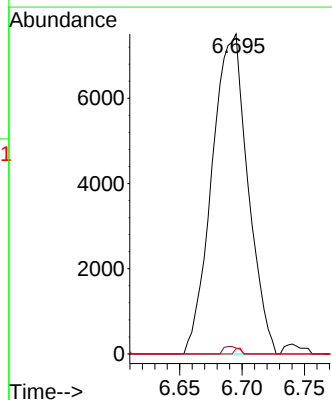
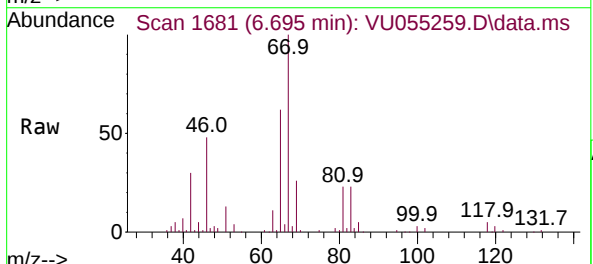
Instrument :
MSVOA_U
ClientSampleId :

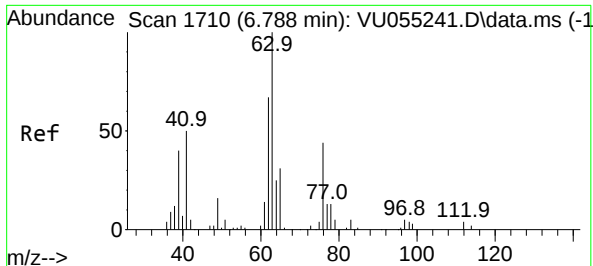
Tgt Ion: 95 Resp: 176429
Ion Ratio Lower Upper
95 100
97 66.9 44.7 83.1
132 93.4 66.6 123.6
130 98.0 66.5 123.5



#35
Methylcyclohexane
Concen: 0.908 ug/L
RT: 6.695 min Scan# 1681
Delta R.T. -0.067 min
Lab File: VU055259.D
Acq: 12 Sep 2023 19:44

Tgt Ion: 83 Resp: 15078
Ion Ratio Lower Upper
83 100
55 1.0 60.4 90.6#
98 0.0 35.3 52.9#

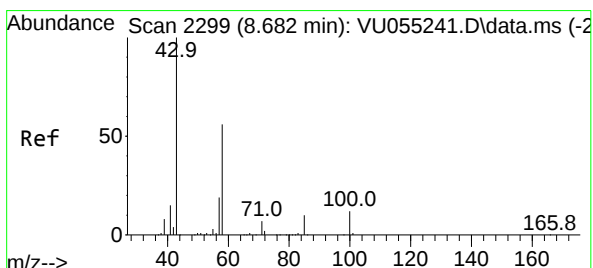
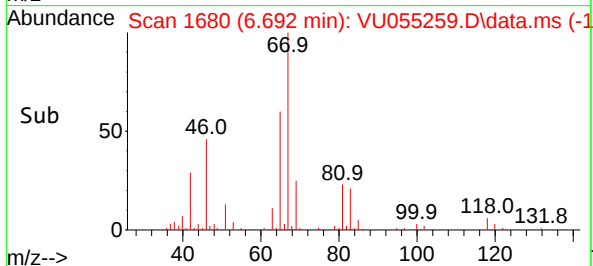
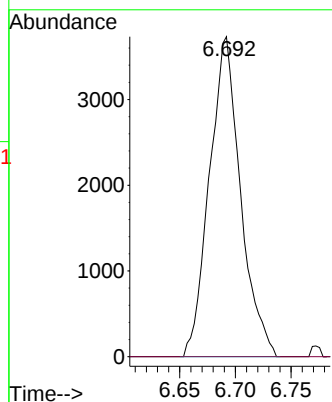
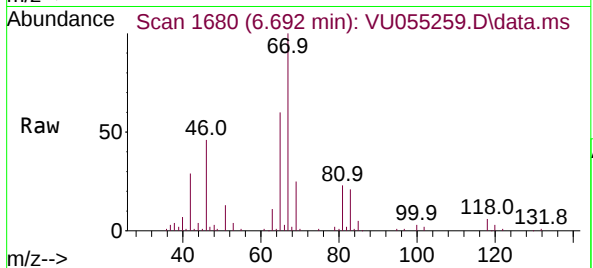




#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.692 min Scan# 11
Delta R.T. -0.096 min
Lab File: VU055259.D
Acq: 12 Sep 2023 19:44

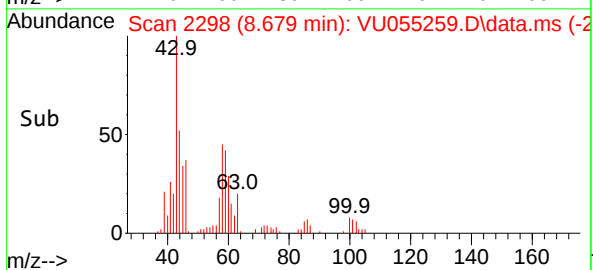
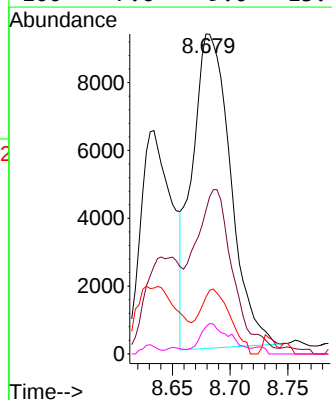
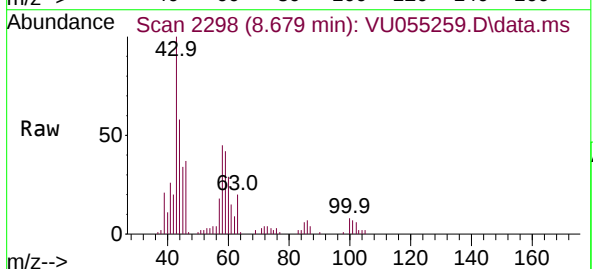
Instrument :
MSVOA_U
ClientSampleId :

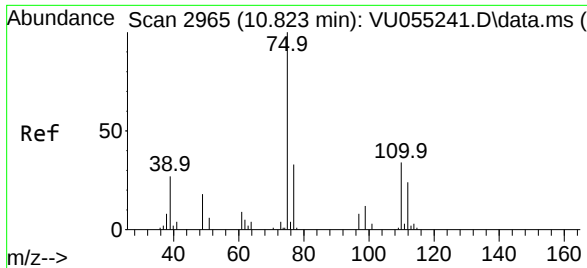
Tgt Ion: 63 Resp: 7265
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.124 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU055259.D
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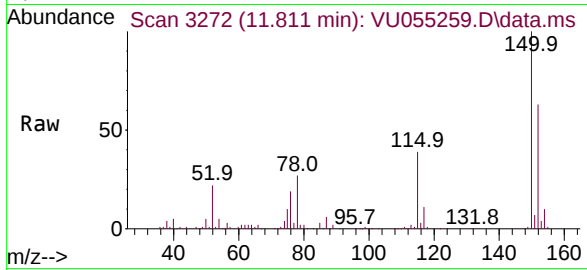
Tgt Ion: 43 Resp: 21353
Ion Ratio Lower Upper
43 100
58 52.2 44.0 66.0
57 16.5 16.2 24.2
100 7.6 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.224 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055259.D
 Acq: 12 Sep 2023 19:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.2	42.2#
77	31.7	26.2	39.4

