

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054572.D
 Acq On : 16 Jun 2023 14:35
 Operator : MD/SY
 Sample : 03284-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ4

Quant Time: Jun 17 06:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

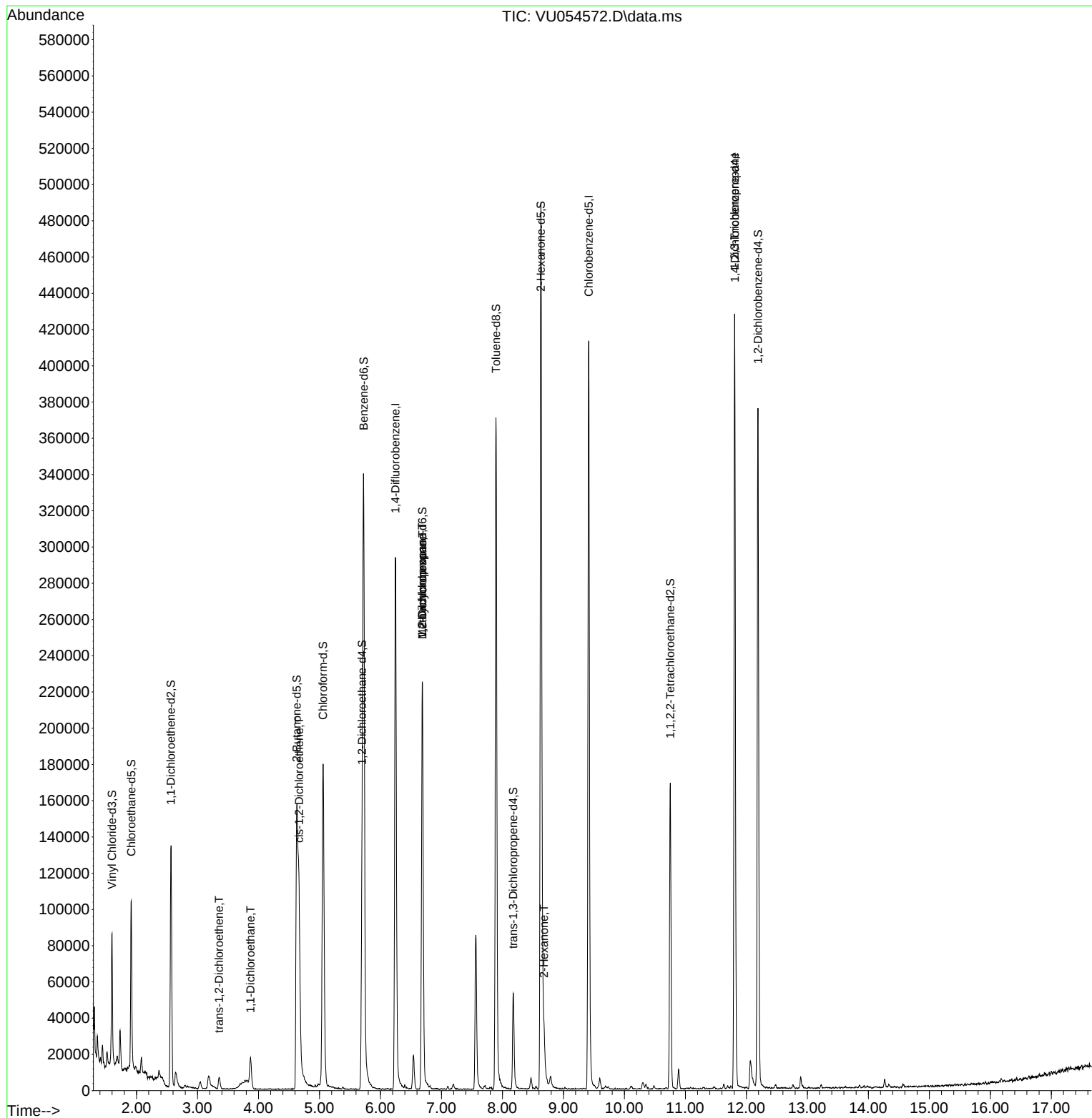
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246231	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	242139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	117341	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	53922	3.441	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.800%	
7) Chloroethane-d5	1.914	69	72717	4.956	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.563	65	26798	3.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	4.627	46	246051	55.846	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.700%	
24) Chloroform-d	5.058	84	168146	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	5.698	65	86083	5.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.724	84	318459	4.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.688	67	114223	5.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	254527	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.177	79	33104	4.235	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.631	63	165397	50.434	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.860%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89340	5.330	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	104036	5.256	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
						Qvalue
18) trans-1,2-Dichloroethene	3.354	96	2982	0.162	ug/L	79
19) 1,1-Dichloroethane	3.869	63	20058	0.526	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	36932	1.759	ug/L	92
35) Methylcyclohexane	6.688	83	25208	0.725	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11628	0.494	ug/L #	89
48) 2-Hexanone	8.682	43	10320	1.103	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	14023	1.183	ug/L #	70

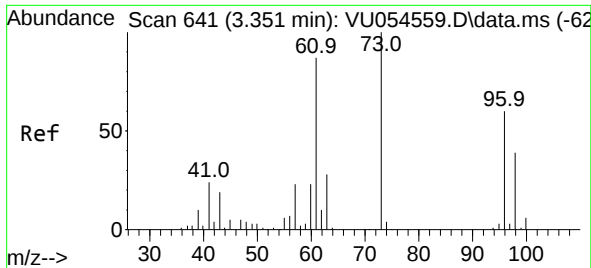
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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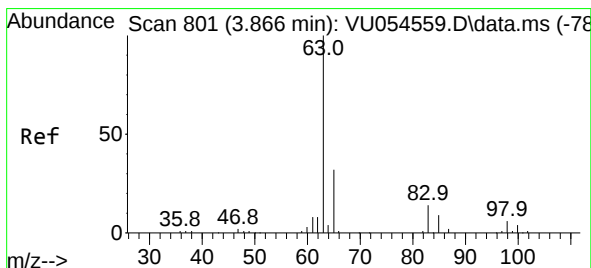
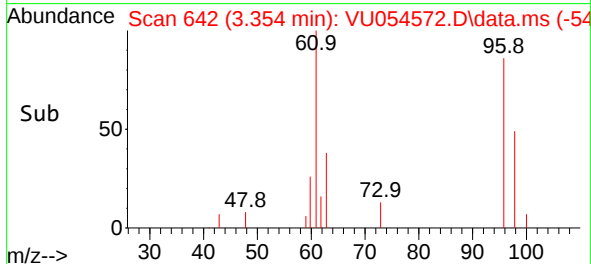
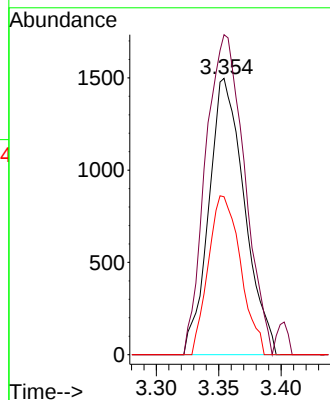
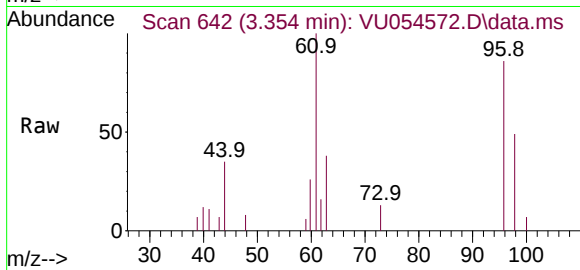




#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054572.D
Acq: 16 Jun 2023 14:35

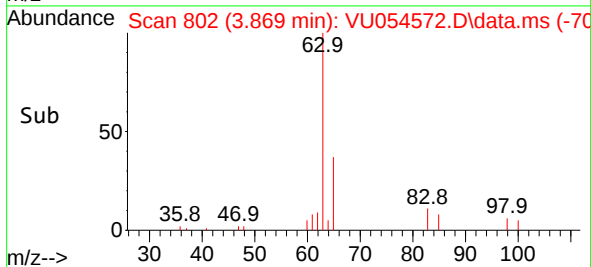
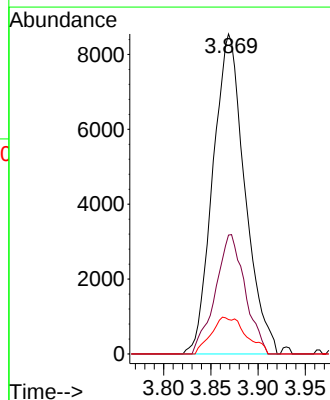
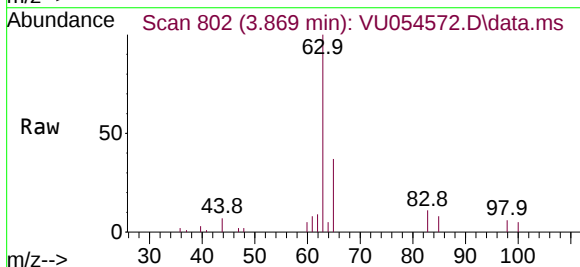
Instrument :
MSVOA_U
ClientSampleId :
DCGZ4

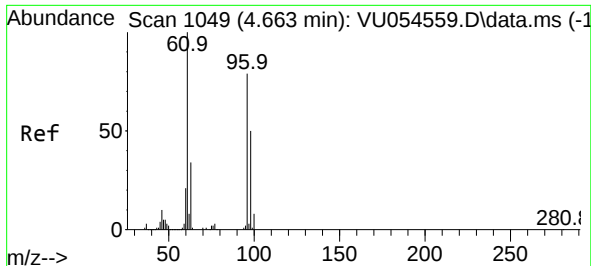
Tgt Ion: 96 Resp: 2982
Ion Ratio Lower Upper
96 100
61 115.8 104.6 194.2
98 57.2 45.4 84.4



#19
1,1-Dichloroethane
Concen: 0.526 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054572.D
Acq: 16 Jun 2023 14:35

Tgt Ion: 63 Resp: 20058
Ion Ratio Lower Upper
63 100
65 37.1 22.2 41.2
83 10.7 9.0 16.6

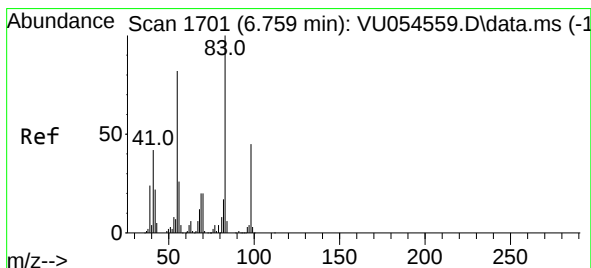
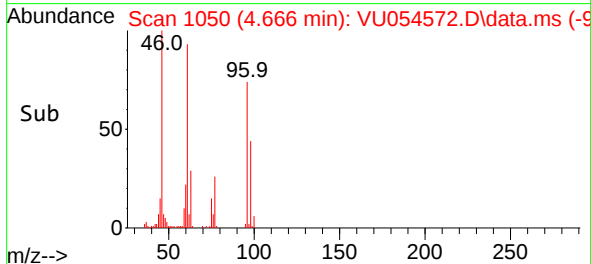
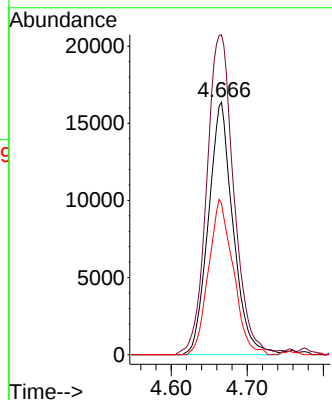
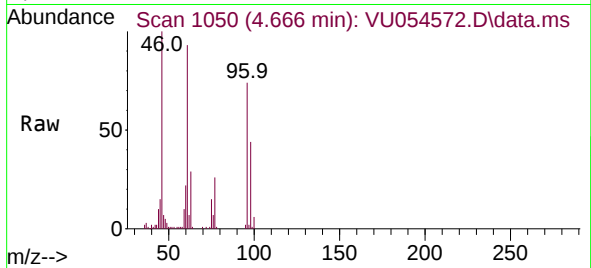




#22
 cis-1,2-Dichloroethene
 Concen: 1.759 ug/L
 RT: 4.666 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU054572.D
 Acq: 16 Jun 2023 14:35

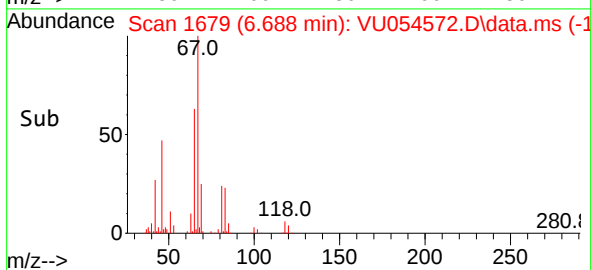
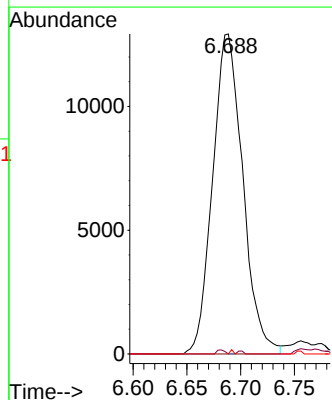
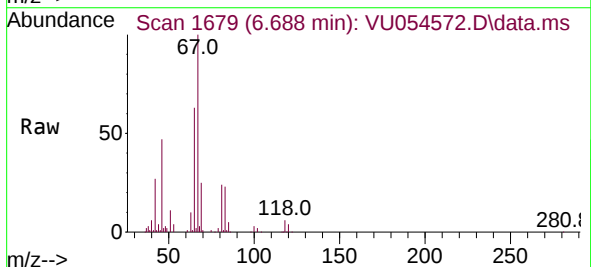
Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ4

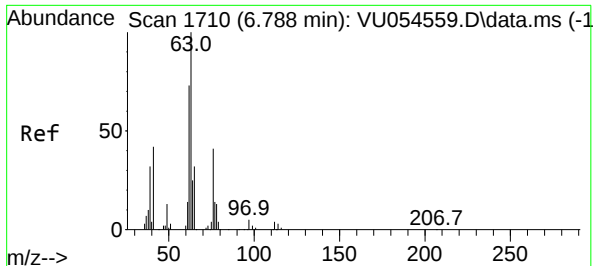
Tgt Ion: 96 Resp: 36932
 Ion Ratio Lower Upper
 96 100
 61 126.7 96.5 179.1
 98 59.9 44.9 83.3



#35
 Methylcyclohexane
 Concen: 0.725 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU054572.D
 Acq: 16 Jun 2023 14:35

Tgt Ion: 83 Resp: 25208
 Ion Ratio Lower Upper
 83 100
 55 0.2 67.1 100.7#
 98 0.1 35.1 52.7#

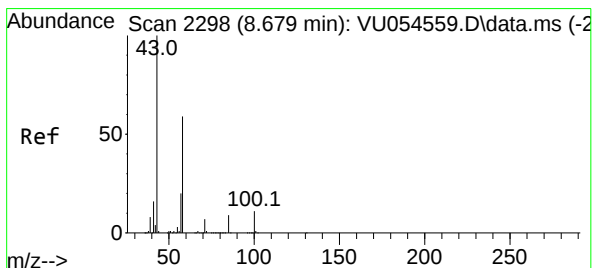
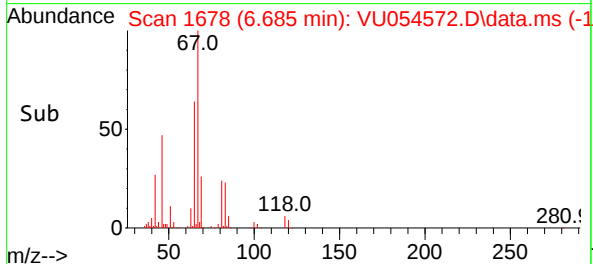
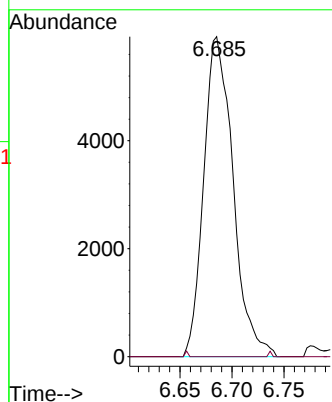
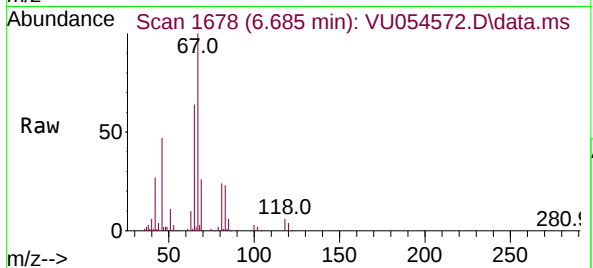




#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.685 min Scan# 11628
Delta R.T. -0.103 min
Lab File: VU054572.D
Acq: 16 Jun 2023 14:35

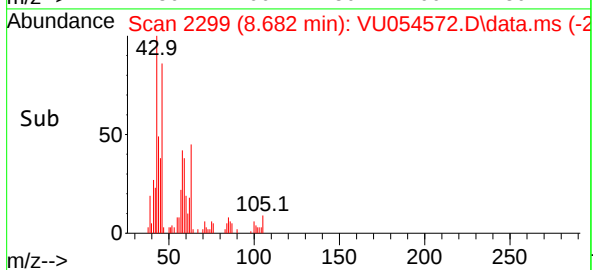
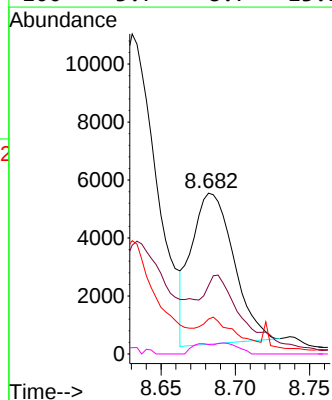
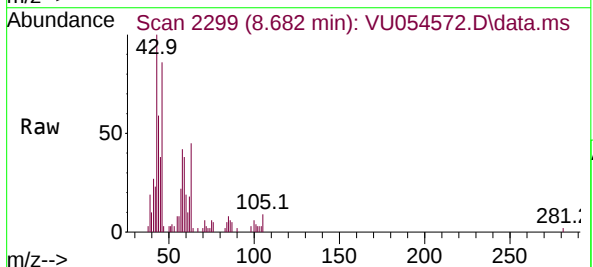
Instrument :
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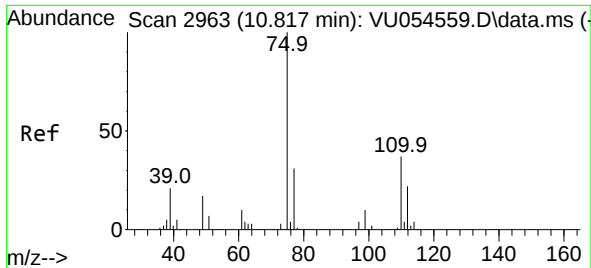
Tgt Ion: 63 Resp: 11628
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 1.103 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054572.D
Acq: 16 Jun 2023 14:35

Tgt Ion: 43 Resp: 10320
Ion Ratio Lower Upper
43 100
58 45.6 45.2 67.8
57 20.5 15.8 23.6
100 3.7 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.183 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054572.D
 Acq: 16 Jun 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGZ4

Tgt Ion: 75 Resp: 14023
 Ion Ratio Lower Upper
 75 100
 110 2.5 28.0 42.0#
 77 33.0 25.4 38.2

