

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052972.D
 Acq On : 06 Feb 2023 11:51
 Operator : JC/MD
 Sample : 01444-04 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM08

Quant Time: Feb 06 13:42:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

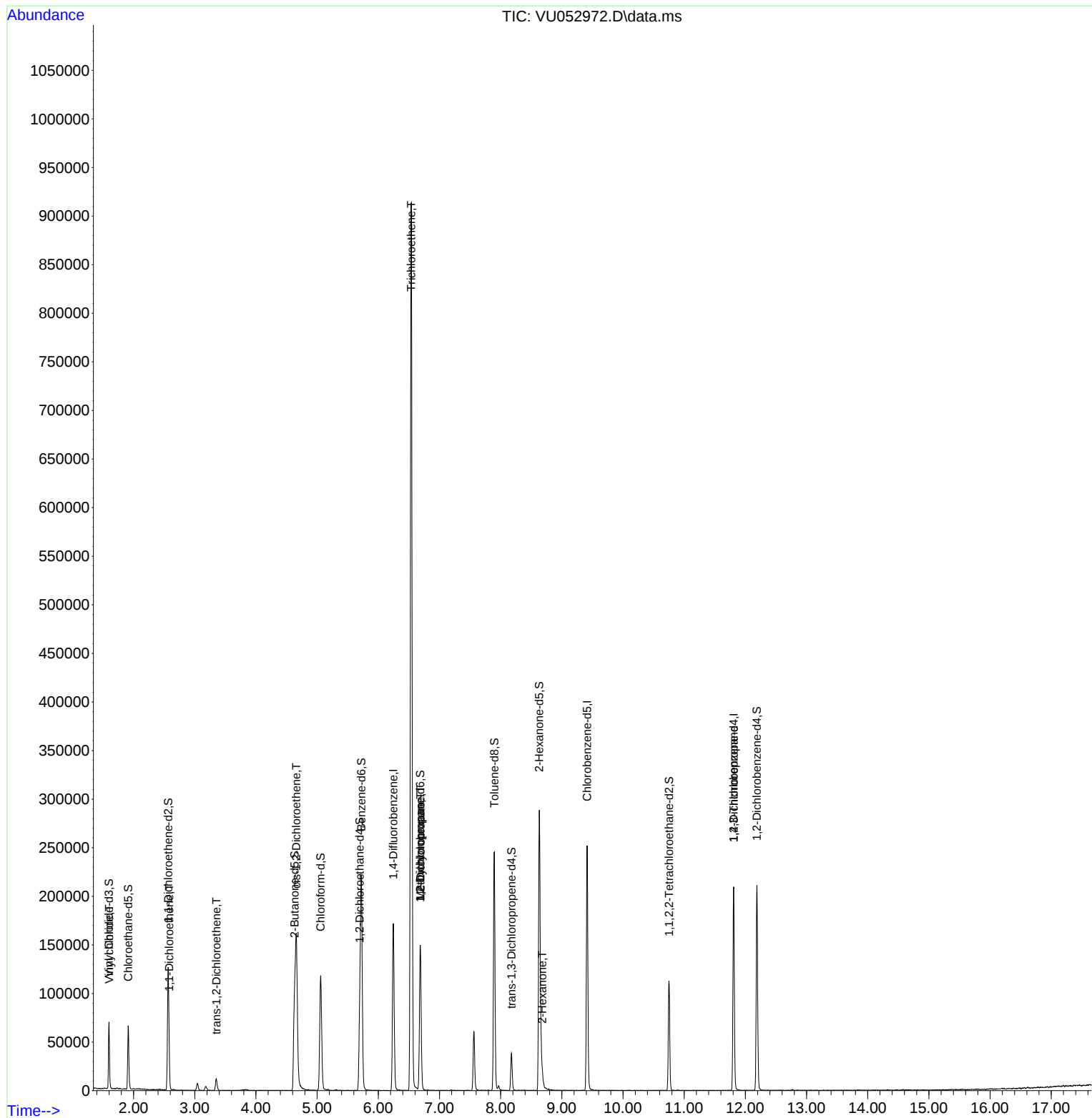
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49060	3.933	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.913	69	48152	4.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.565	65	22613	4.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	4.633	46	147006	44.079	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.160%	
24) Chloroform-d	5.057	84	115174	4.950	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.697	65	58774	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.723	84	216590	4.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.684	67	72934	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.896	98	167744	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.176	79	22380	3.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.629	63	95117	39.881	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.760%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	56433	4.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	58896	5.516	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	2606	0.147	ug/L #	60
12) 1,1-Dichloroethene	2.581	96	5578	0.453	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	5234	0.417	ug/L	83
22) cis-1,2-Dichloroethene	4.658	96	65393	4.851	ug/L	94
34) Trichloroethene	6.536	95	322308	24.083	ug/L	97
35) Methylcyclohexane	6.687	83	18372	0.831	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	7825	0.515	ug/L #	90
48) 2-Hexanone	8.681	43	4126	0.649	ug/L #	86
61) 1,2,3-Trichloropropane	11.809	75	6760	0.992	ug/L #	66

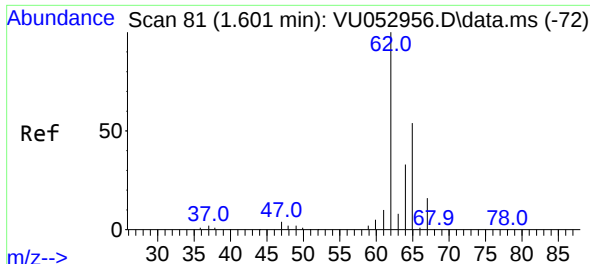
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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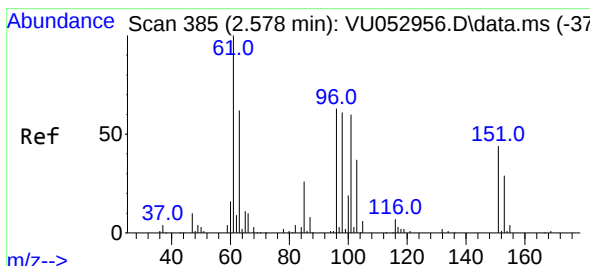
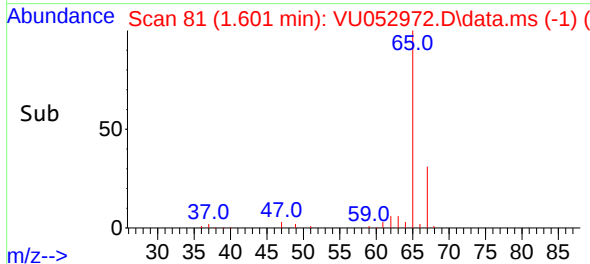
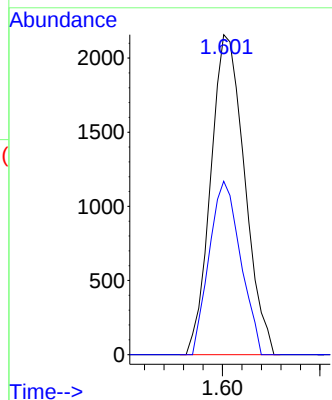
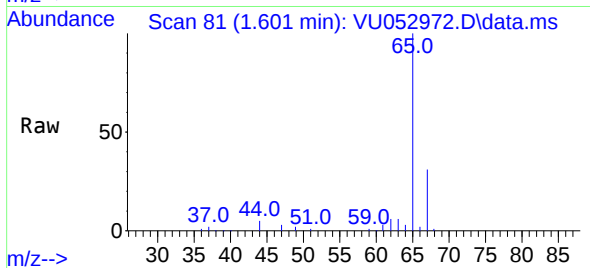




#5
 Vinyl chloride
 Concen: 0.147 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052972.D
 Acq: 06 Feb 2023 11:51

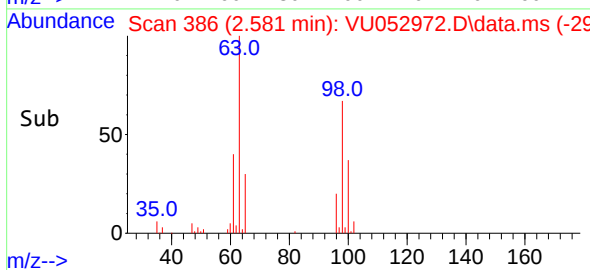
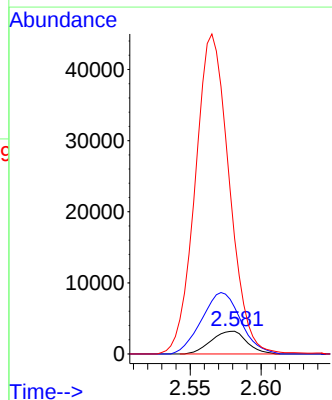
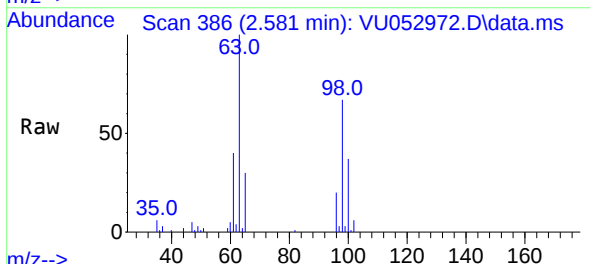
Instrument :
 MSVOA_U
 ClientSampleId :
 COM08

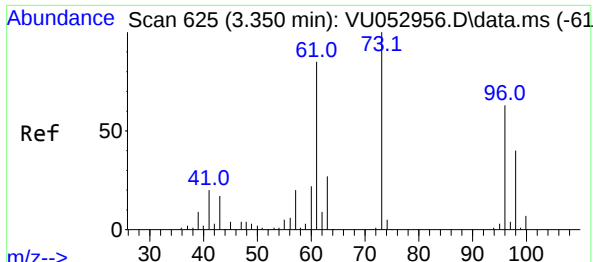
Tgt Ion: 62 Resp: 2606
 Ion Ratio Lower Upper
 62 100
 64 54.2 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 0.453 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU052972.D
 Acq: 06 Feb 2023 11:51

Tgt Ion: 96 Resp: 5578
 Ion Ratio Lower Upper
 96 100
 61 204.3 129.6 240.8
 63 508.0 83.7 155.5#

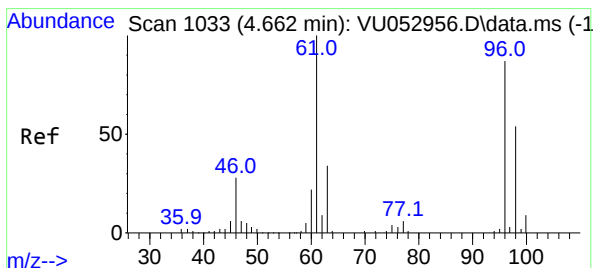
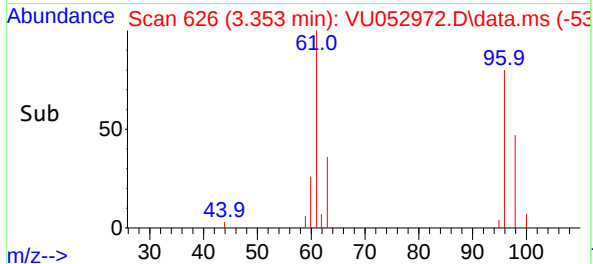
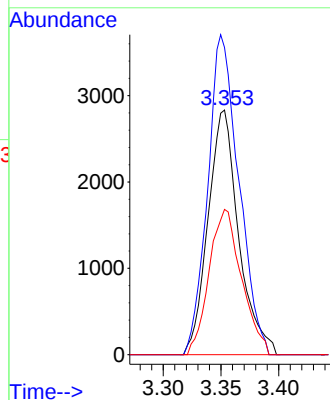
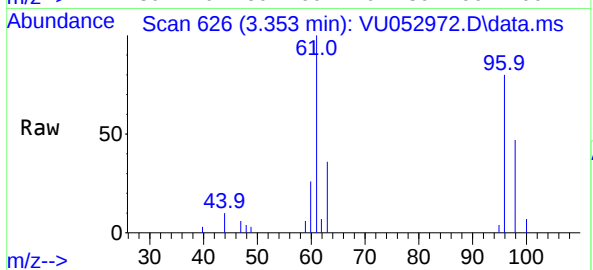




#18
trans-1,2-Dichloroethene
Concen: 0.417 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052972.D
Acq: 06 Feb 2023 11:51

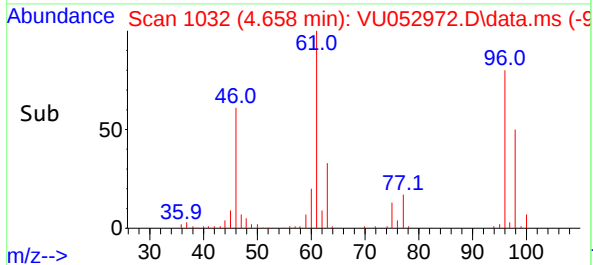
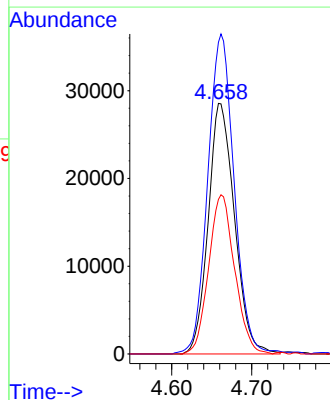
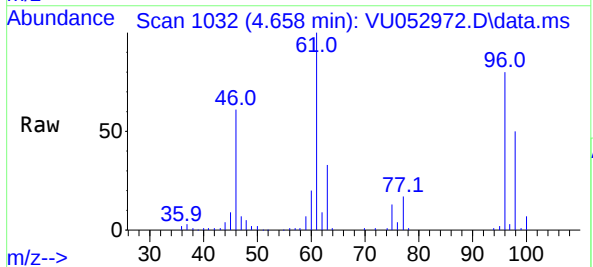
Instrument :
MSVOA_U
ClientSampleId :
COM08

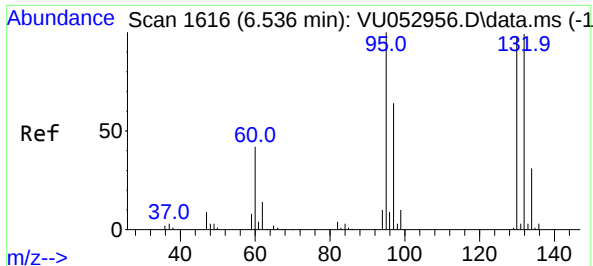
Tgt Ion: 96 Resp: 5234
Ion Ratio Lower Upper
96 100
61 125.6 108.4 201.4
98 59.4 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 4.851 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU052972.D
Acq: 06 Feb 2023 11:51

Tgt Ion: 96 Resp: 65393
Ion Ratio Lower Upper
96 100
61 124.4 94.6 175.8
98 61.7 43.3 80.3

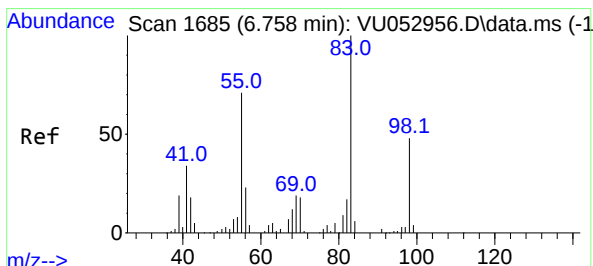
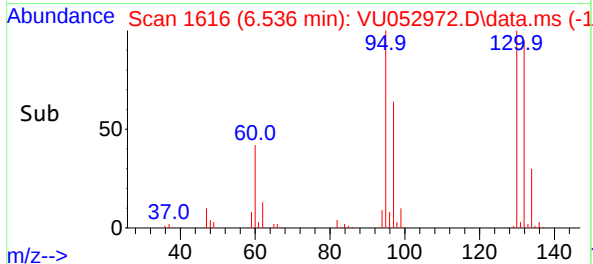
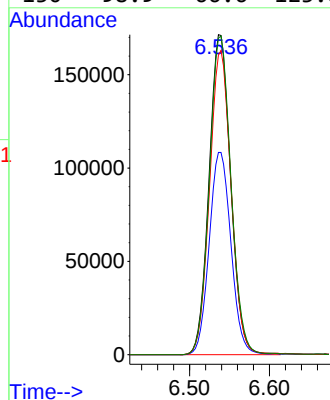
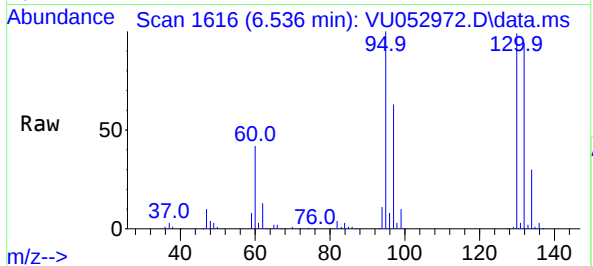




#34
Trichloroethene
Concen: 24.083 ug/L
RT: 6.536 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052972.D
Acq: 06 Feb 2023 11:51

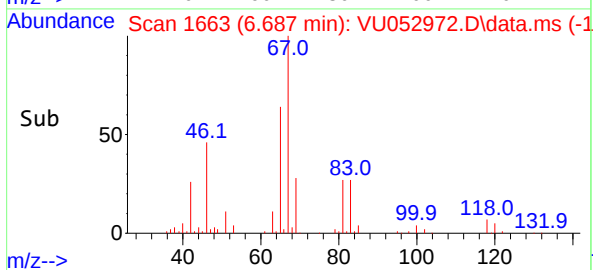
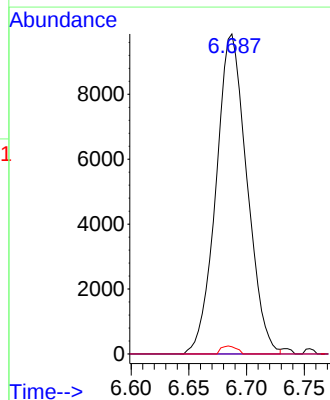
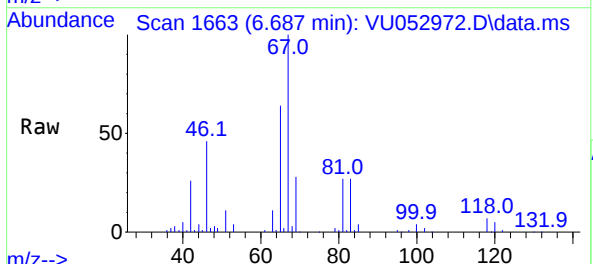
Instrument :
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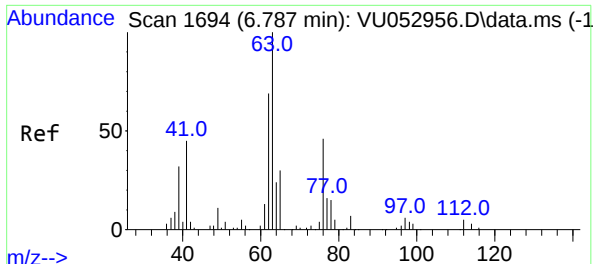
Tgt Ion: 95 Resp: 322308
Ion Ratio Lower Upper
95 100
97 63.2 46.0 85.4
132 93.7 64.0 118.8
130 98.9 66.6 123.8



#35
Methylcyclohexane
Concen: 0.831 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052972.D
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Tgt Ion: 83 Resp: 18372
Ion Ratio Lower Upper
83 100
55 0.0 67.6 101.4#
98 0.0 37.1 55.7#

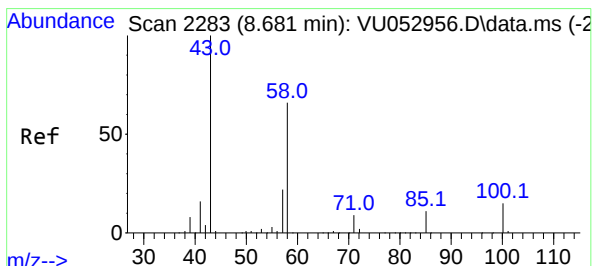
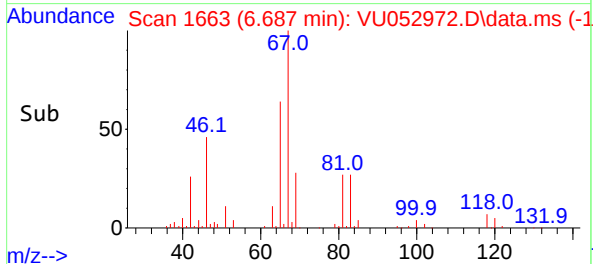
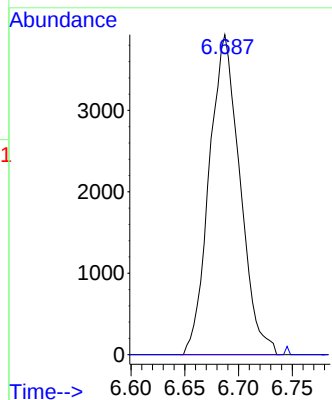
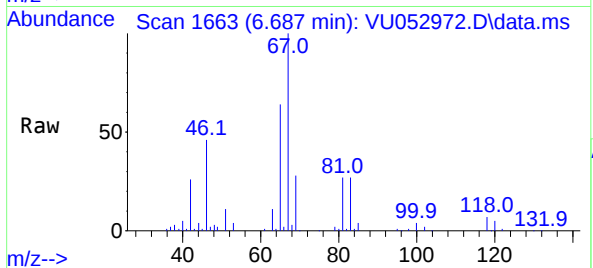




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052972.D
Acq: 06 Feb 2023 11:51

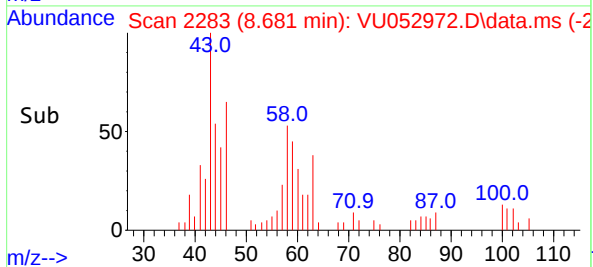
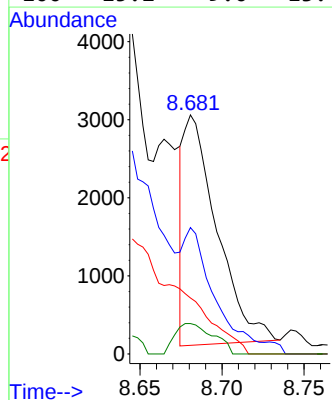
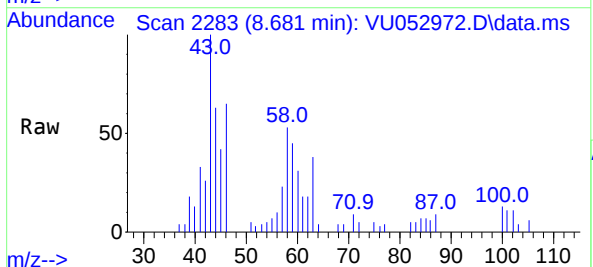
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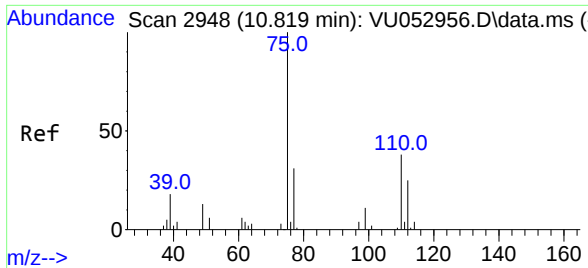
Tgt Ion: 63 Resp: 7825
Ion Ratio Lower Upper
63 100
112 0.3 2.9 4.3#



#48
2-Hexanone
Concen: 0.649 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU052972.D
Acq: 06 Feb 2023 11:51

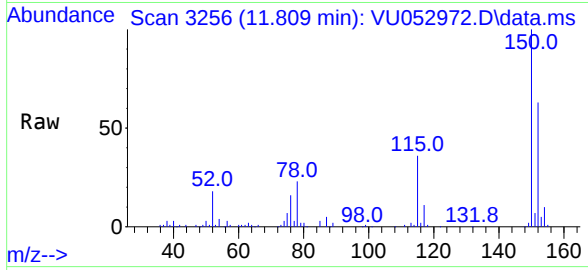
Tgt Ion: 43 Resp: 4126
Ion Ratio Lower Upper
43 100
58 52.9 45.1 67.7
57 0.0 15.1 22.7#
100 15.2 9.0 13.4#





#61
1,2,3-Trichloropropane
Concen: 0.992 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052972.D
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Tgt Ion: 75 Resp: 6760
Ion Ratio Lower Upper
75 100
110 0.0 27.2 40.8#
77 32.5 24.0 36.0

