

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052706.D
 Acq On : 16 Jan 2023 17:20
 Operator : JC/MD
 Sample : 01138-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1X4DL

Quant Time: Jan 17 05:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

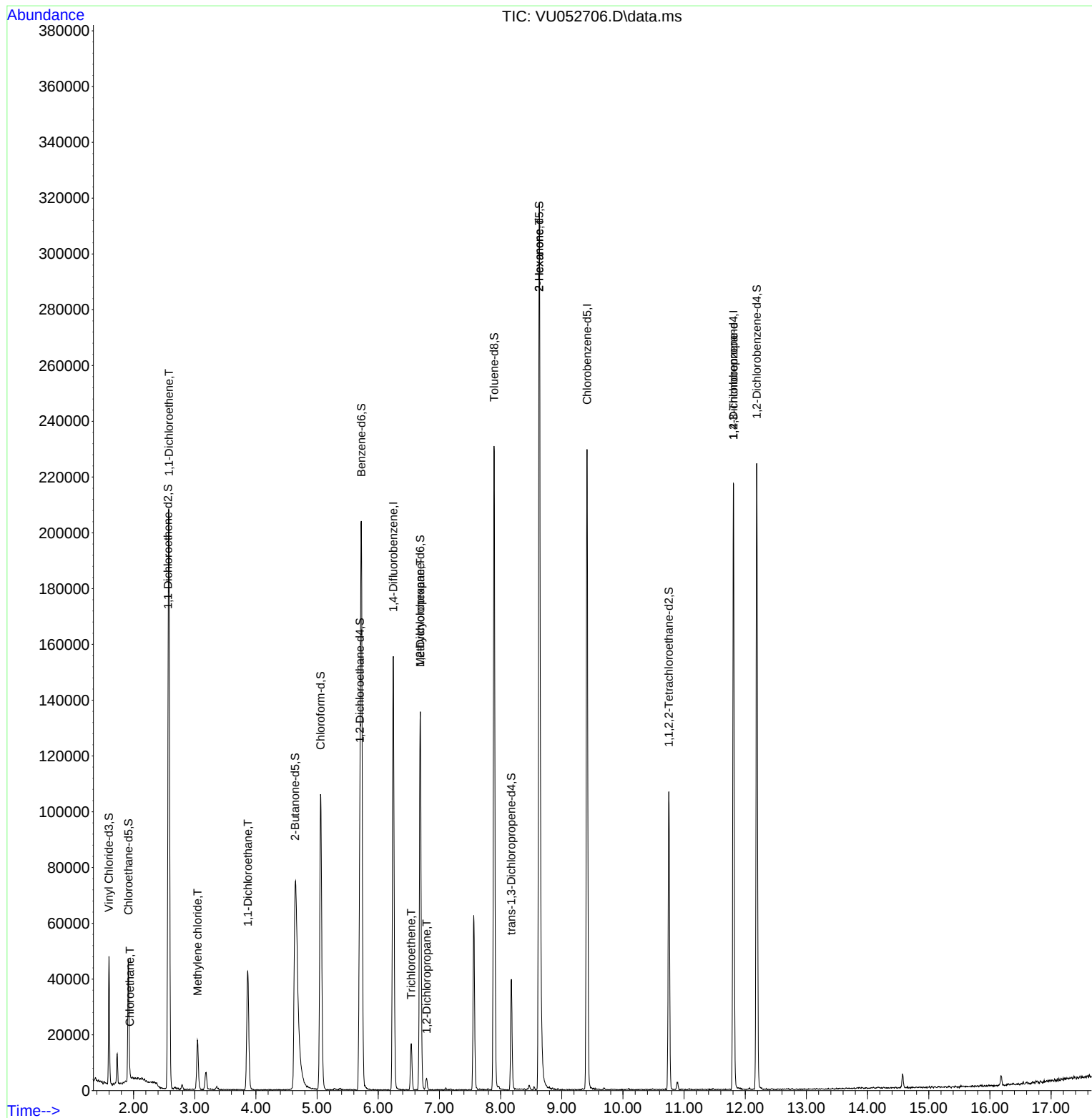
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	125446	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33405	3.031	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.600%	
7) Chloroethane-d5	1.916	69	34065	3.794	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.565	65	19323	3.981	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	4.642	46	158978	53.950	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.900%	
24) Chloroform-d	5.057	84	100969	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.700	65	55662	5.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.723	84	191726	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.687	67	64147	4.618	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.893	98	151528	4.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.176	79	22683	4.391	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.632	63	108178	50.410	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.820%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53721	5.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	58213	5.486	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						Qvalue
8) Chloroethane	1.941	64	1931	0.203	ug/L #	55
12) 1,1-Dichloroethene	2.578	96	52457	4.823	ug/L	96
16) Methylene chloride	3.044	84	8433	0.583	ug/L	97
19) 1,1-Dichloroethane	3.867	63	49765	2.161	ug/L	96
34) Trichloroethene	6.539	95	6039	0.502	ug/L	98
35) Methylcyclohexane	6.687	83	15323	0.771	ug/L #	16
37) 1,2-Dichloropropane	6.790	63	1692	0.124	ug/L #	89
48) 2-Hexanone	8.632	43	14595	2.551	ug/L #	74
61) 1,2,3-Trichloropropane	11.809	75	6906	1.019	ug/L #	70

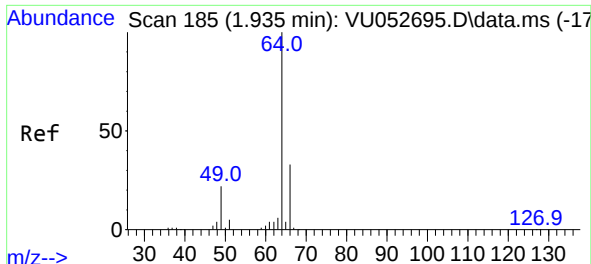
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

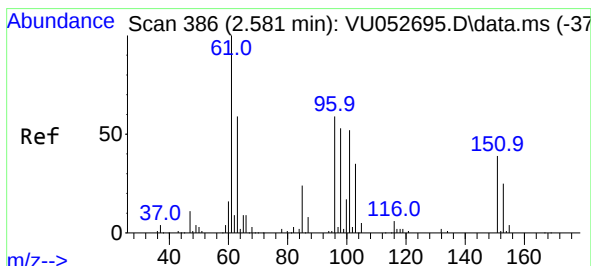
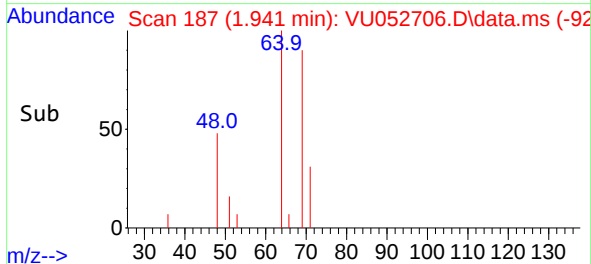
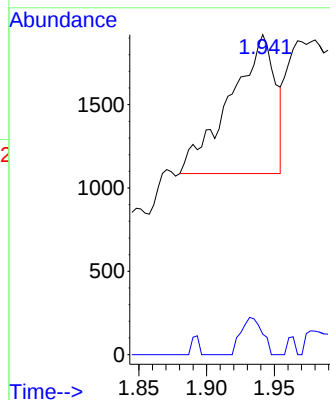
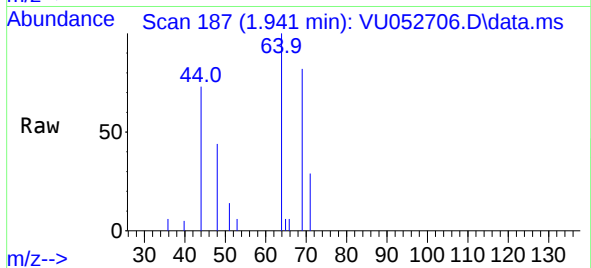




#8
Chloroethane
Concen: 0.203 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

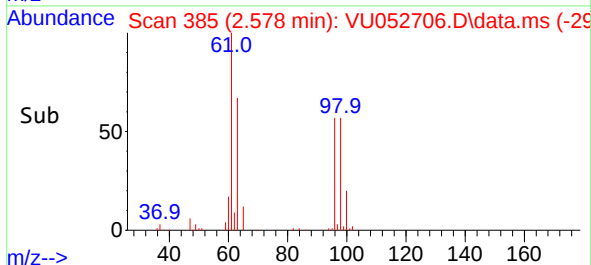
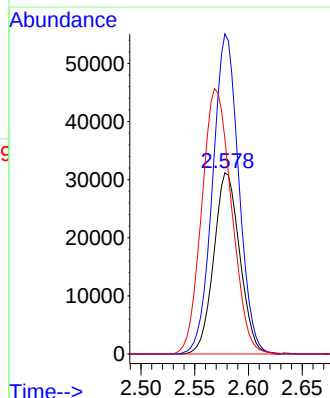
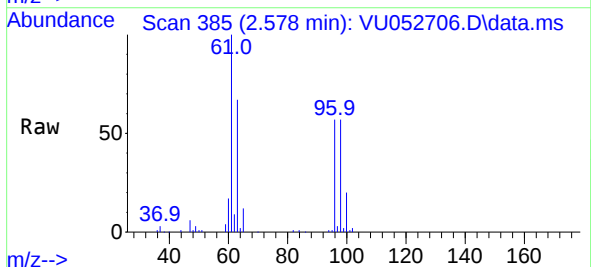
Instrument :
MSVOA_U
ClientSampleId :
BH1X4DL

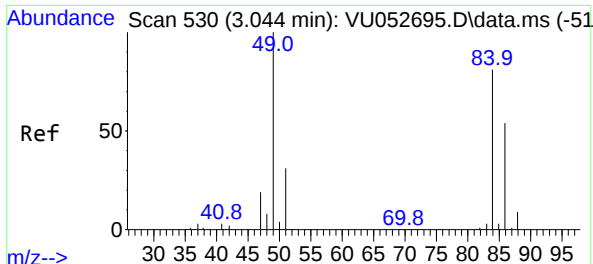
Tgt Ion: 64 Resp: 1931
Ion Ratio Lower Upper
64 100
66 6.4 21.6 40.2#



#12
1,1-Dichloroethene
Concen: 4.823 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

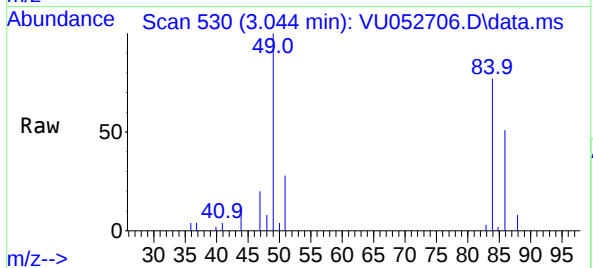
Tgt Ion: 96 Resp: 52457
Ion Ratio Lower Upper
96 100
61 176.6 129.6 240.8
63 119.0 83.7 155.5





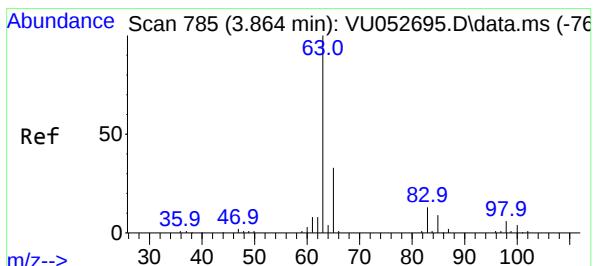
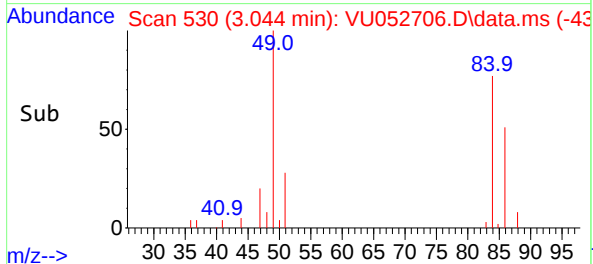
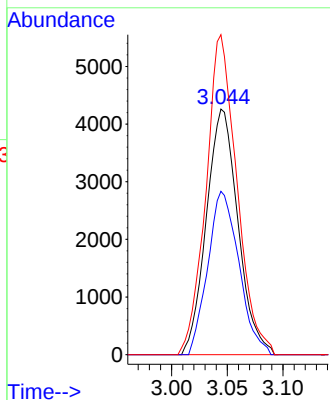
#16
Methylene chloride
Concen: 0.583 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
BH1X4DL



Tgt Ion: 84 Resp: 8433

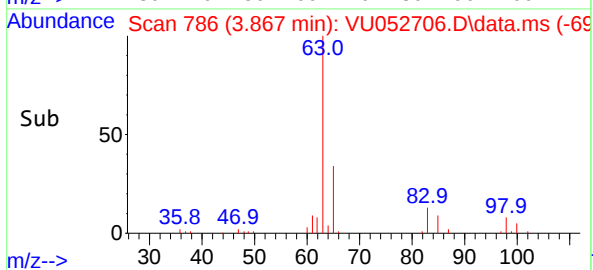
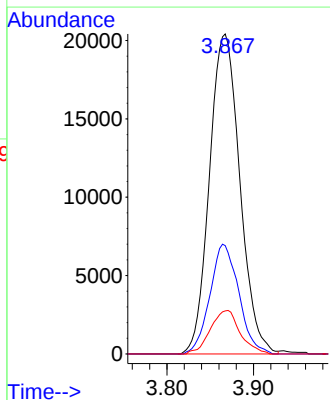
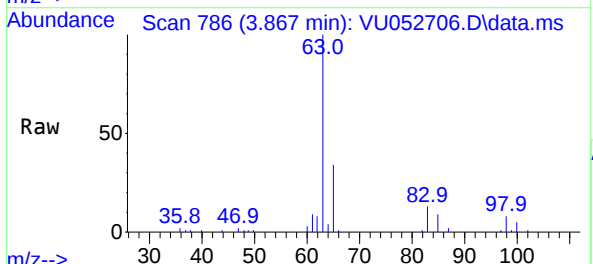
Ion	Ratio	Lower	Upper
84	100		
86	66.6	45.6	84.6
49	130.3	94.8	176.0

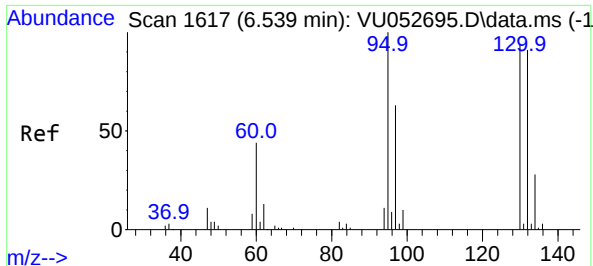


#19
1,1-Dichloroethane
Concen: 2.161 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

Tgt Ion: 63 Resp: 49765

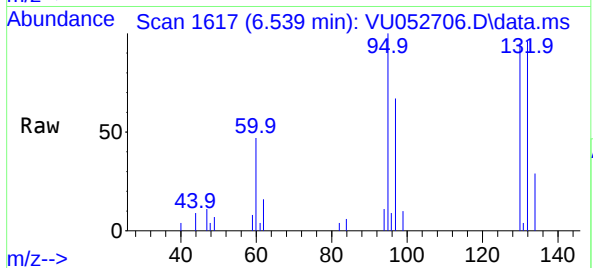
Ion	Ratio	Lower	Upper
63	100		
65	33.8	22.0	41.0
83	13.4	8.9	16.5





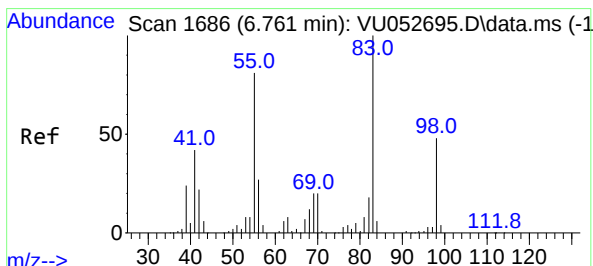
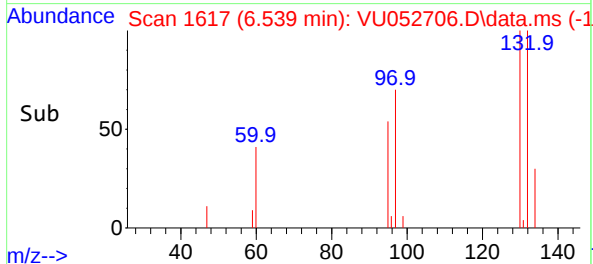
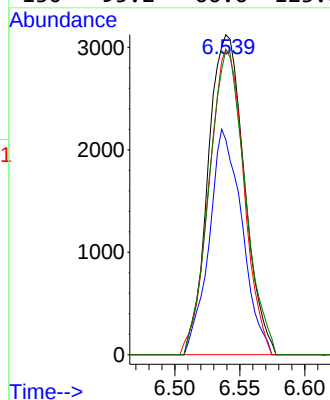
#34
Trichloroethene
Concen: 0.502 ug/L
RT: 6.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

Instrument :
MSVOA_U
ClientSampleId :
BH1X4DL



Tgt Ion: 95 Resp: 6039

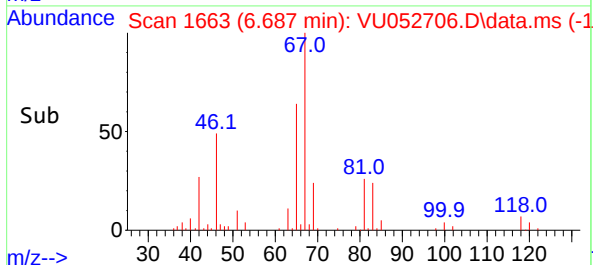
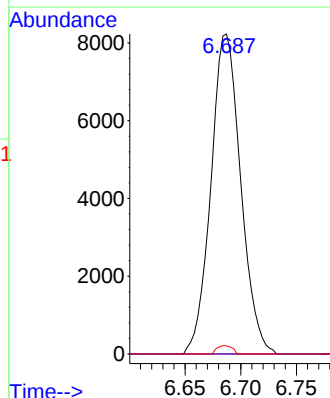
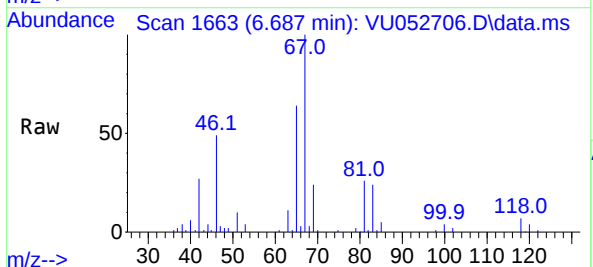
Ion	Ratio	Lower	Upper
95	100		
97	67.2	46.0	85.4
132	95.5	64.0	118.8
130	95.2	66.6	123.8

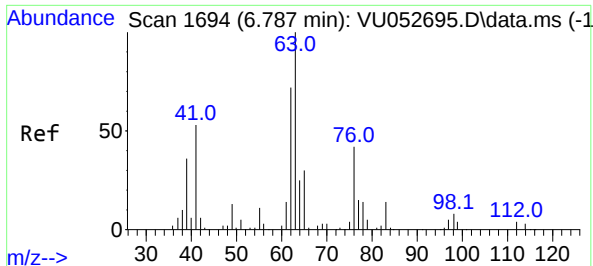


#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

Tgt Ion: 83 Resp: 15323

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	1.3	37.1	55.7#

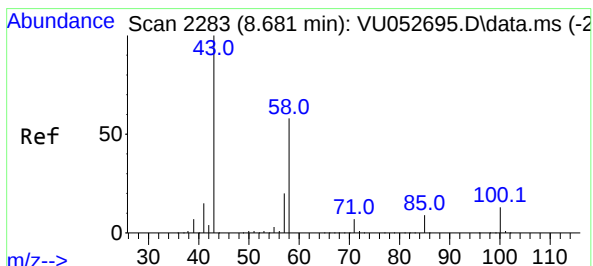
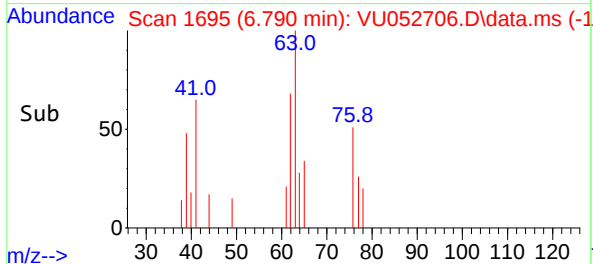
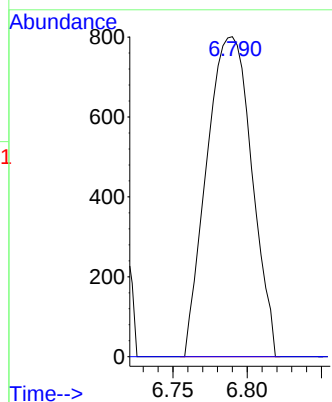
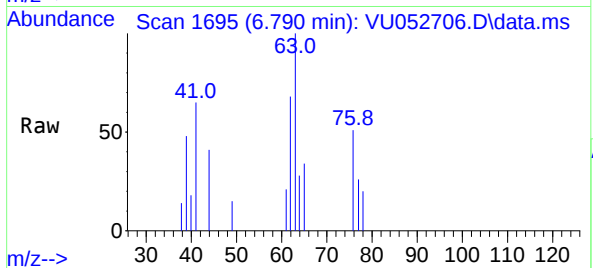




#37
1,2-Dichloropropane
Concen: 0.124 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

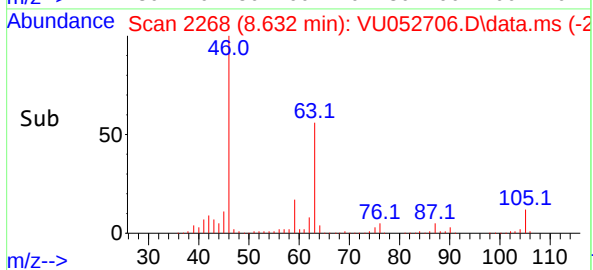
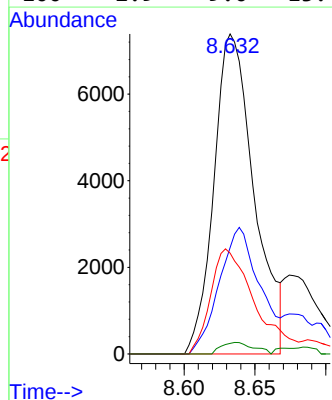
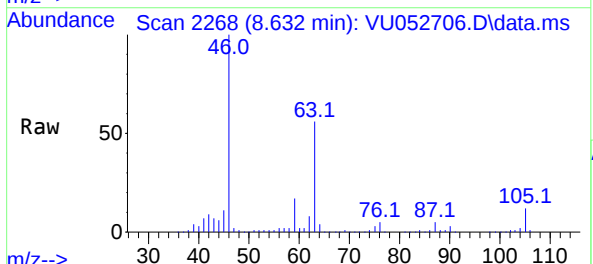
Instrument :
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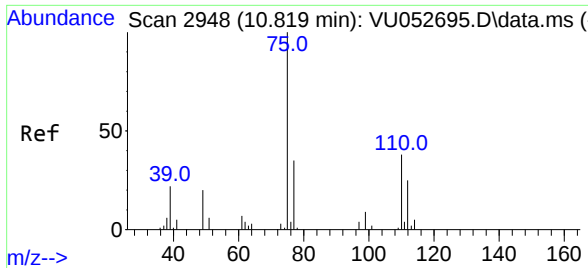
Tgt Ion: 63 Resp: 1692
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#48
2-Hexanone
Concen: 2.551 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.048 min
Lab File: VU052706.D
Acq: 16 Jan 2023 17:20

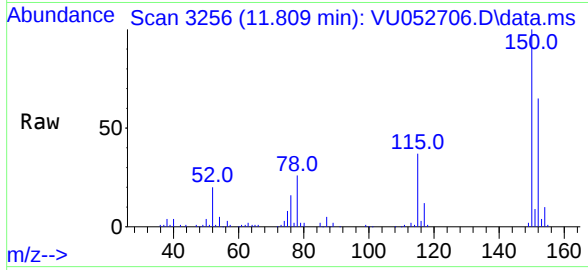
Tgt Ion: 43 Resp: 14595
Ion Ratio Lower Upper
43 100
58 40.1 45.1 67.7#
57 36.0 15.1 22.7#
100 2.9 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.019 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052706.D
 Acq: 16 Jan 2023 17:20

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 6906
 Ion Ratio Lower Upper
 75 100
 110 1.9 27.2 40.8#
 77 30.8 24.0 36.0

