

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052705.D
 Acq On : 16 Jan 2023 16:57
 Operator : JC/MD
 Sample : 01138-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W8DL

Quant Time: Jan 17 05:34:24 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)

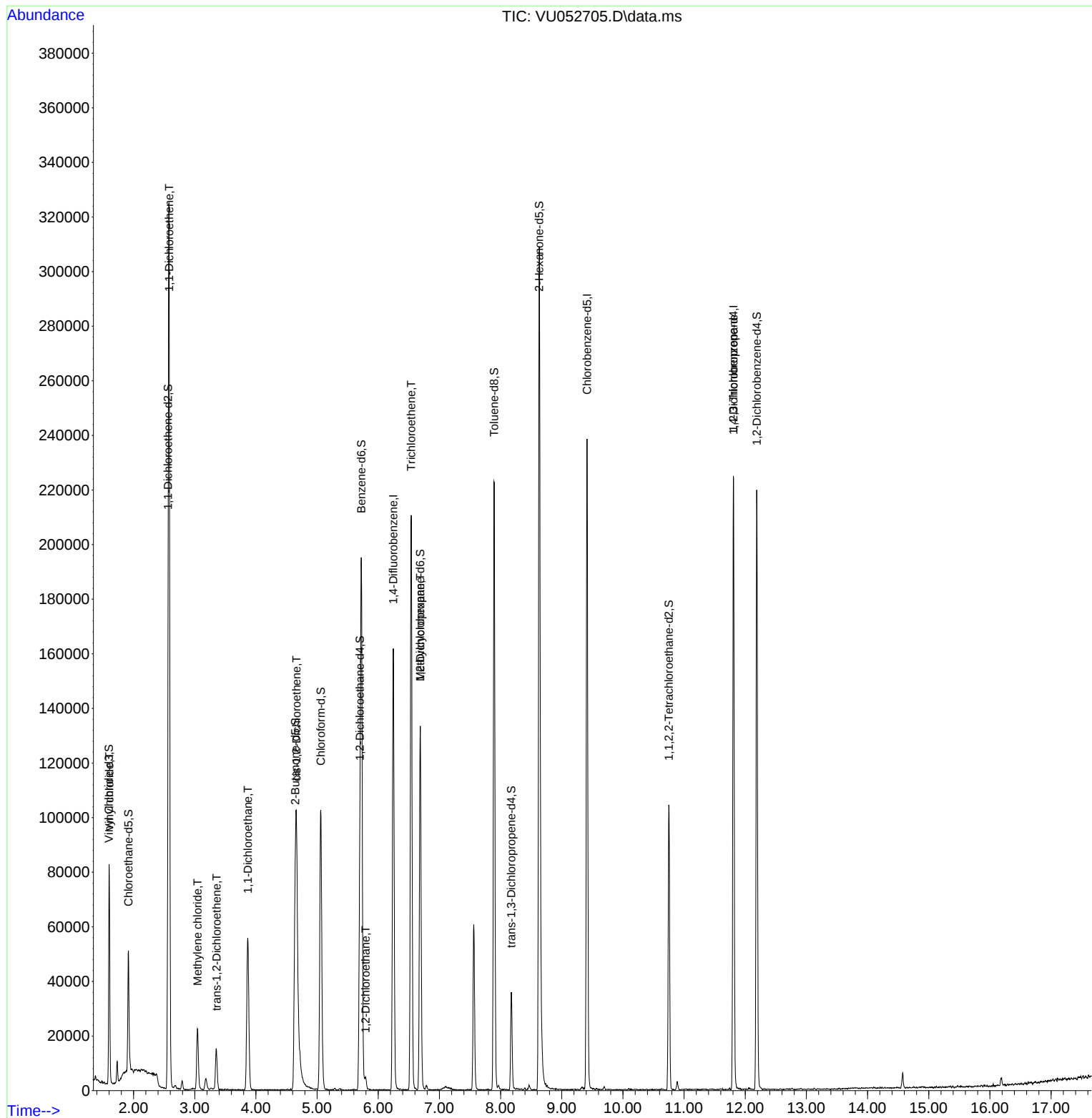
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33105	2.865	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.200%	
7) Chloroethane-d5	1.916	69	34014	3.613	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.200%	
11) 1,1-Dichloroethene-d2	2.565	65	18079	3.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	4.645	46	149757	48.466	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.940%	
24) Chloroform-d	5.060	84	97803	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.700	65	52845	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.722	84	183319	4.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.687	67	64903	4.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.893	98	146464	3.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
43) trans-1,3-Dichloroprop...	8.176	79	21122	4.048	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.632	63	107209	49.457	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.920%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50984	4.745	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	58211	5.280	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	29553	1.800	ug/L	98
12) 1,1-Dichloroethene	2.581	96	94791	8.312	ug/L #	79
16) Methylene chloride	3.047	84	11537	0.760	ug/L	79
18) trans-1,2-Dichloroethene	3.359	96	6330	0.544	ug/L	87
19) 1,1-Dichloroethane	3.867	63	66252	2.743	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	22366	1.791	ug/L	99
27) 1,2-Dichloroethane	5.793	62	3625	0.252	ug/L	98
34) Trichloroethene	6.539	95	72190	5.935	ug/L	95
35) Methylcyclohexane	6.687	83	14642	0.729	ug/L #	16
61) 1,2,3-Trichloropropane	11.806	75	7311	1.039	ug/L #	66

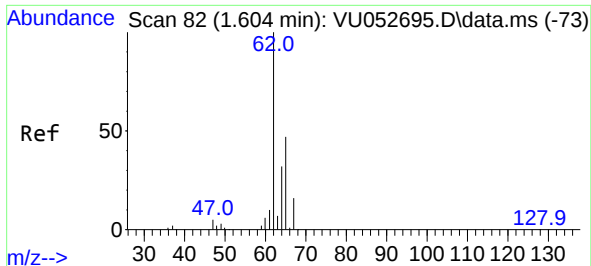
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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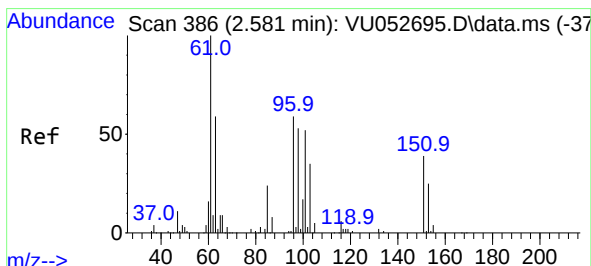
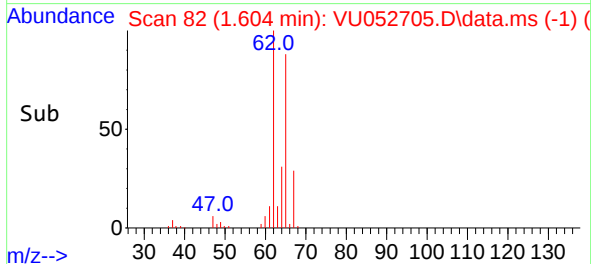
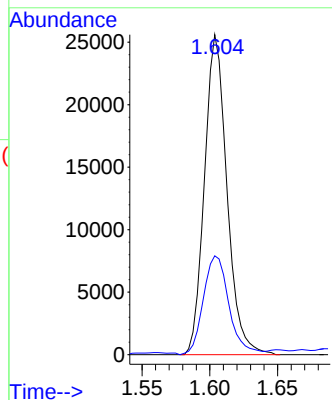
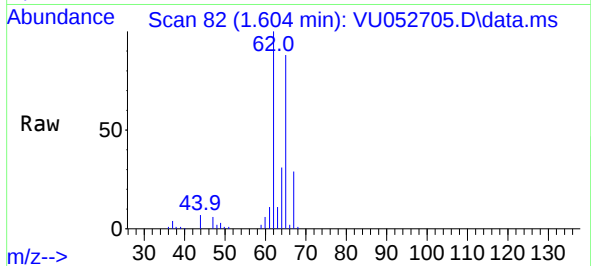




#5
 Vinyl chloride
 Concen: 1.800 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052705.D
 Acq: 16 Jan 2023 16:57

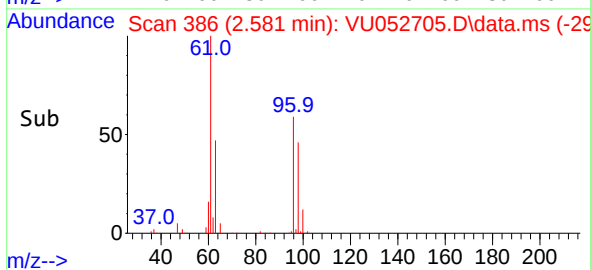
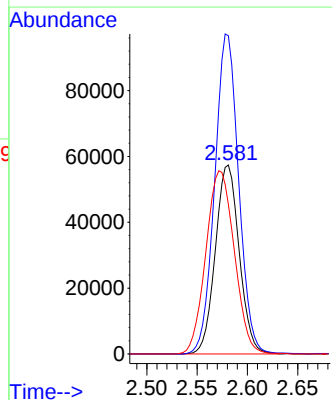
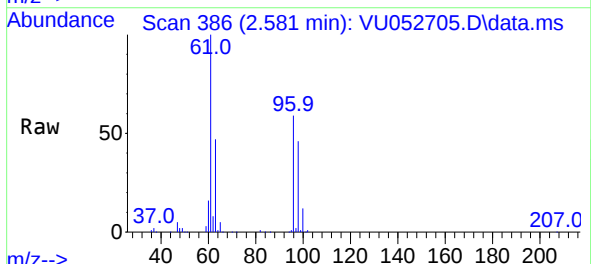
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W8DL

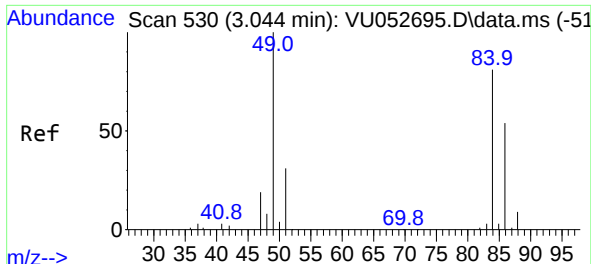
Tgt Ion: 62 Resp: 29553
 Ion Ratio Lower Upper
 62 100
 64 30.9 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 8.312 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052705.D
 Acq: 16 Jan 2023 16:57

Tgt Ion: 96 Resp: 94791
 Ion Ratio Lower Upper
 96 100
 61 168.4 129.6 240.8
 63 79.1 83.7 155.5#



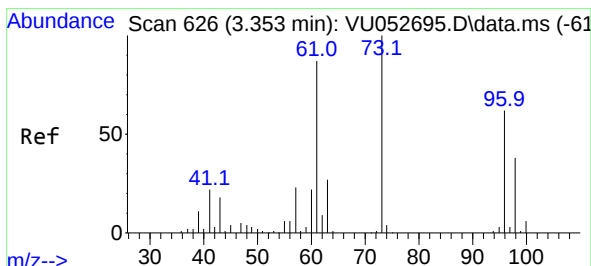
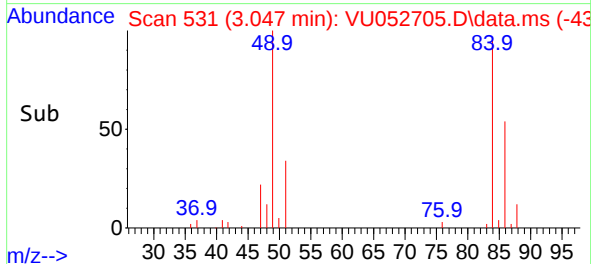
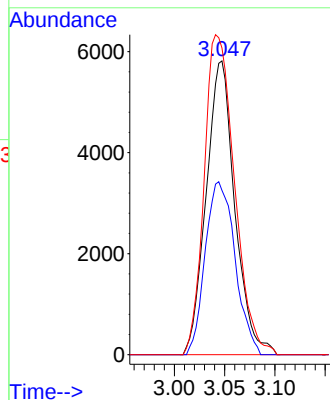
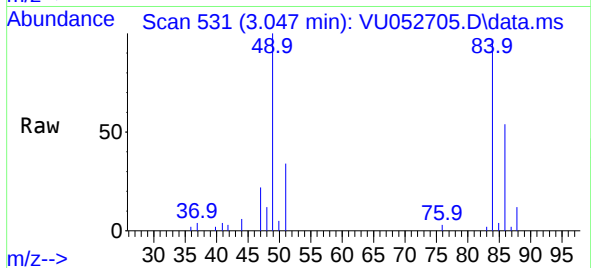


#16
Methylene chloride
Concen: 0.760 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

Tgt Ion: 84 Resp: 11537

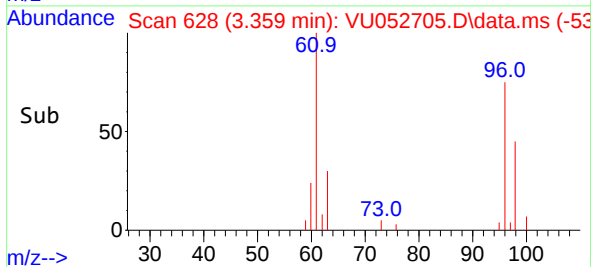
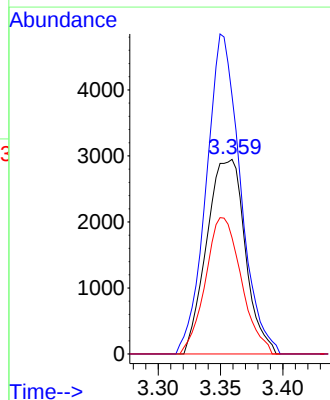
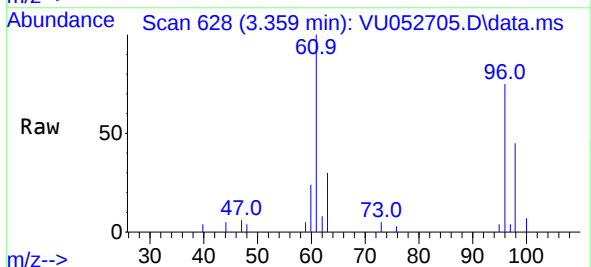
Ion	Ratio	Lower	Upper
84	100		
86	55.9	45.6	84.6
49	104.4	94.8	176.0

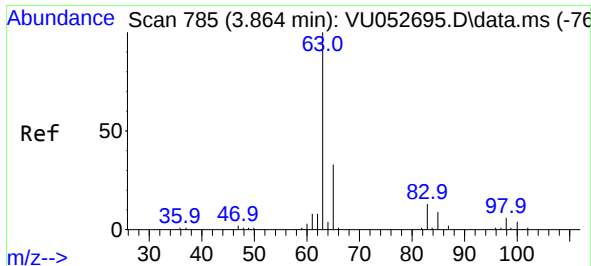


#18
trans-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 96 Resp: 6330

Ion	Ratio	Lower	Upper
96	100		
61	132.6	108.4	201.4
98	59.7	43.8	81.4



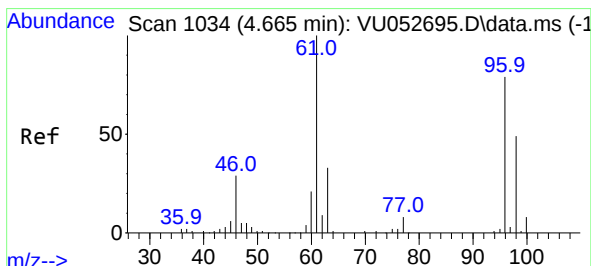
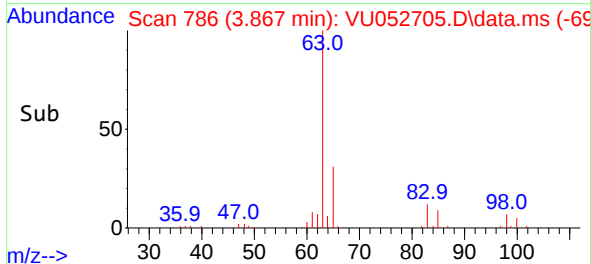
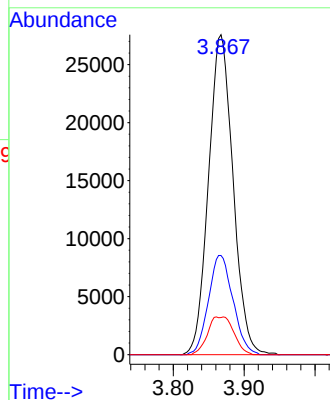
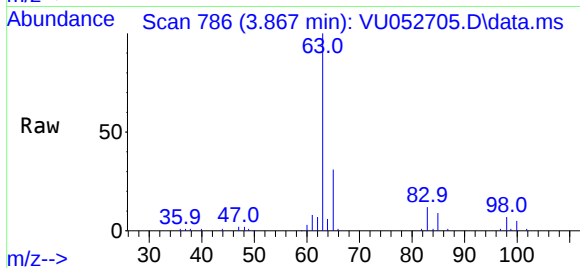


#19
1,1-Dichloroethane
Concen: 2.743 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

Tgt Ion: 63 Resp: 66252

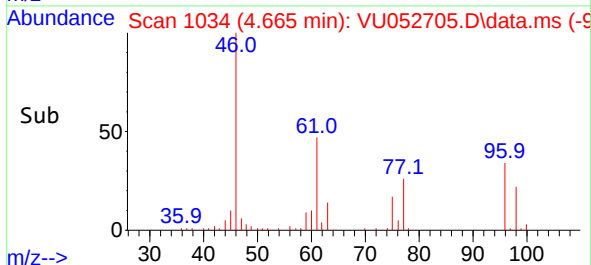
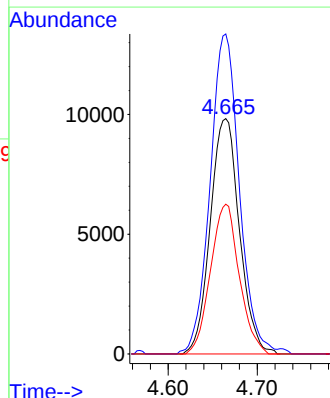
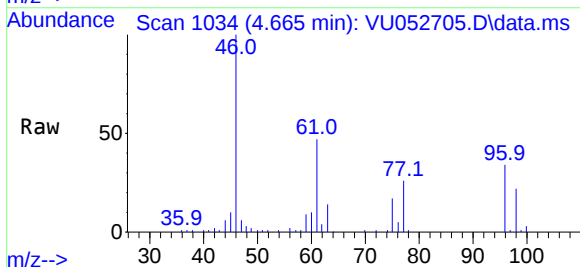
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.0	41.0
83	11.6	8.9	16.5

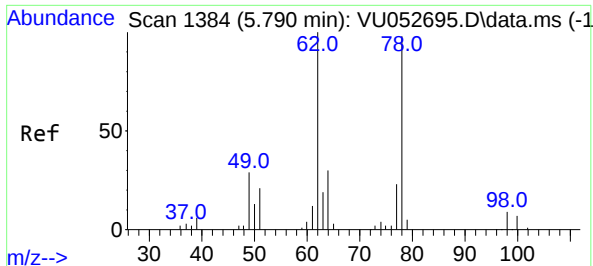


#22
cis-1,2-Dichloroethene
Concen: 1.791 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 96 Resp: 22366

Ion	Ratio	Lower	Upper
96	100		
61	136.0	94.6	175.8
98	63.7	43.3	80.3

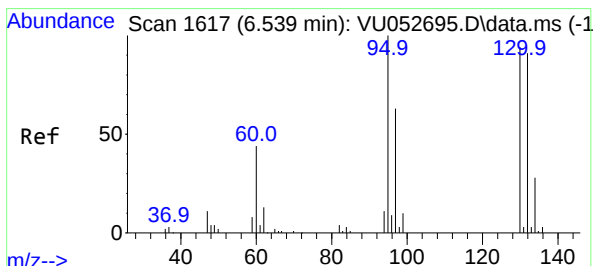
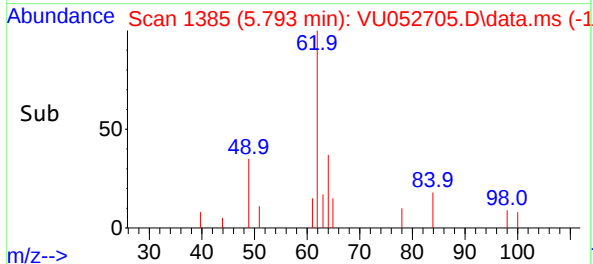
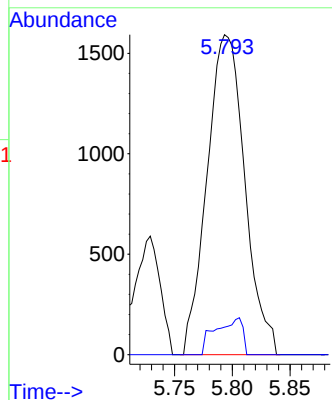
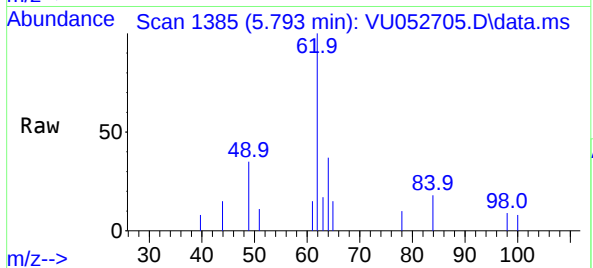




#27
1,2-Dichloroethane
Concen: 0.252 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

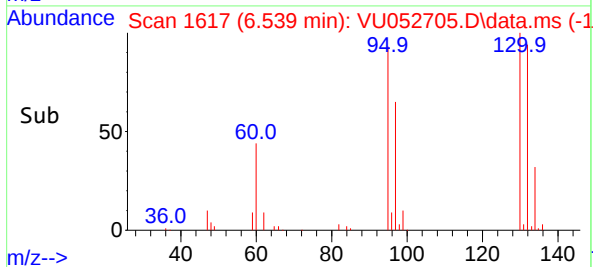
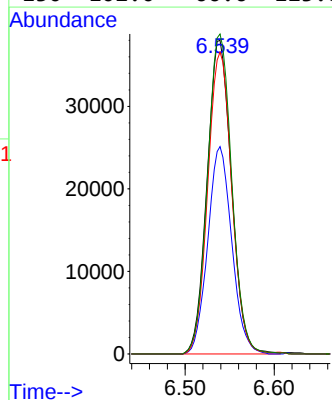
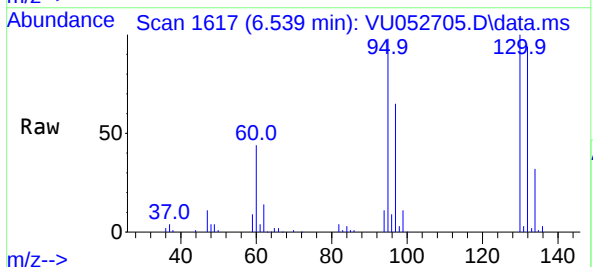
Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

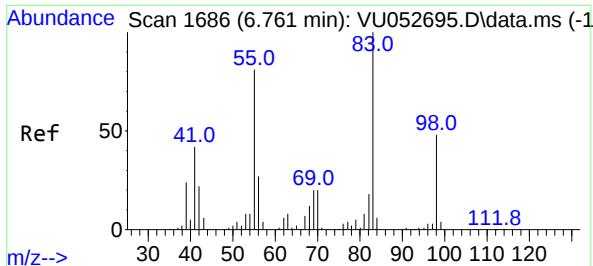
Tgt Ion: 62 Resp: 3625
Ion Ratio Lower Upper
62 100
98 8.6 7.5 11.3



#34
Trichloroethene
Concen: 5.935 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 95 Resp: 72190
Ion Ratio Lower Upper
95 100
97 66.1 46.0 85.4
132 96.2 64.0 118.8
130 102.0 66.6 123.8

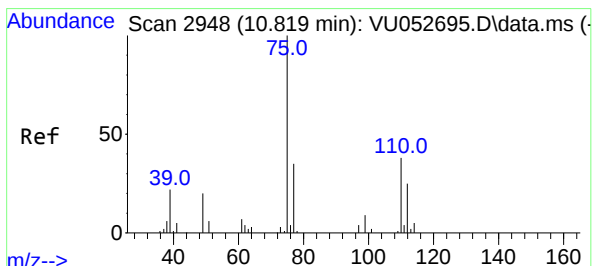
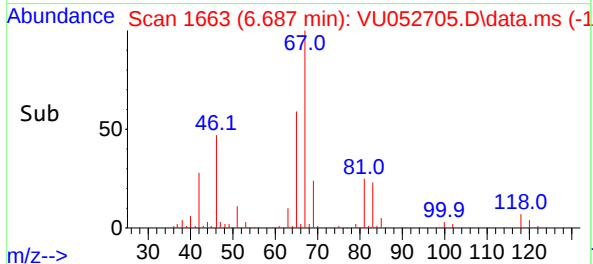
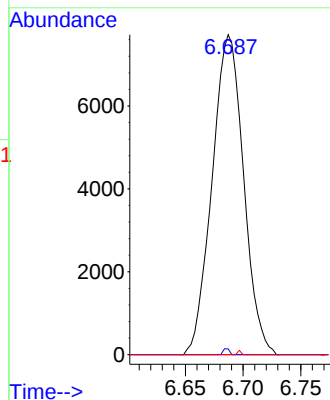
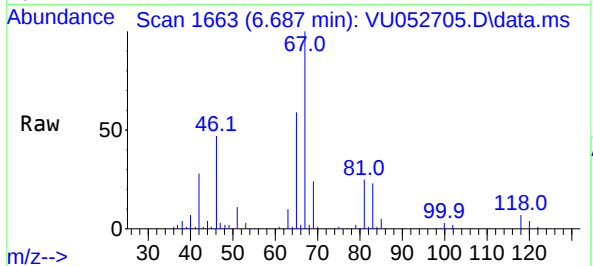




#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

Tgt Ion: 83 Resp: 14642
Ion Ratio Lower Upper
83 100
55 0.4 67.6 101.4#
98 0.0 37.1 55.7#



#61
1,2,3-Trichloropropane
Concen: 1.039 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 75 Resp: 7311
Ion Ratio Lower Upper
75 100
110 0.0 27.2 40.8#
77 33.4 24.0 36.0

