

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052725.D
 Acq On : 17 Jan 2023 16:49
 Operator : JC/MD
 Sample : 01138-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1X2

Quant Time: Jan 18 01:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

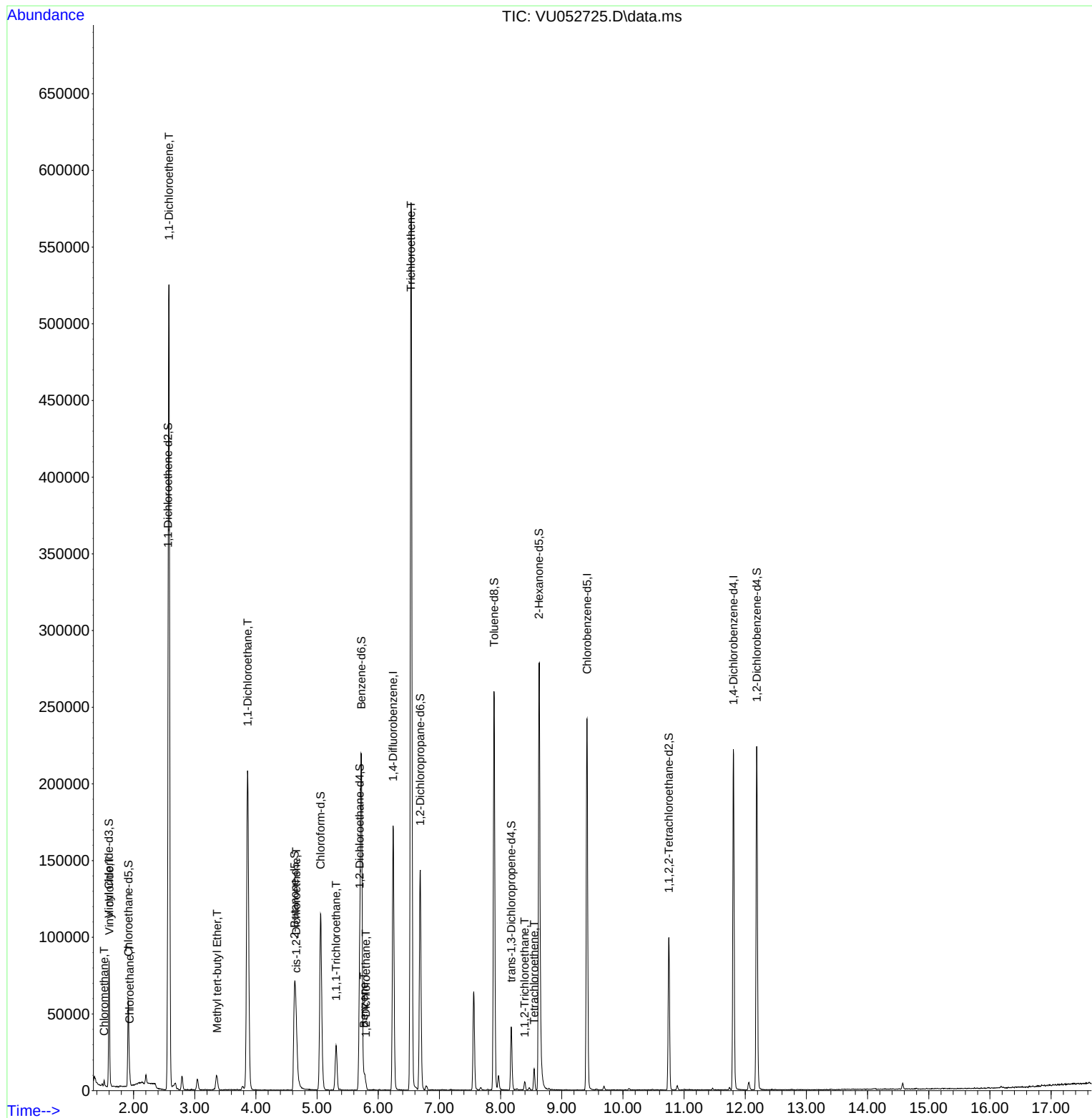
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	136923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	59457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49484	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.916	69	44064	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.565	65	24135	4.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.633	46	127305	39.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.160%
24) Chloroform-d	5.057	84	105043	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.697	65	55168	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.722	84	212023	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.687	67	67454	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.893	98	169774	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.176	79	23624	4.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.629	63	92854	40.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48844	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	59241	5.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2528	0.142	ug/L	90
5) Vinyl chloride	1.604	62	13011	0.761	ug/L	87
8) Chloroethane	1.935	64	4279	0.412	ug/L	84
12) 1,1-Dichloroethene	2.578	96	159069	13.400	ug/L #	76
17) Methyl tert-butyl Ether	3.366	73	8820	0.336	ug/L	96
19) 1,1-Dichloroethane	3.864	63	240678	9.574	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	6528	0.502	ug/L	97
27) 1,2-Dichloroethane	5.796	62	3881	0.259	ug/L #	93
29) 1,1,1-Trichloroethane	5.311	97	21020	0.985	ug/L	97
33) Benzene	5.768	78	7851	0.146	ug/L	100
34) Trichloroethene	6.536	95	196919	15.463	ug/L	96
45) 1,1,2-Trichloroethane	8.394	97	1633	0.180	ug/L	97
47) Tetrachloroethene	8.549	164	3061	0.326	ug/L	90

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

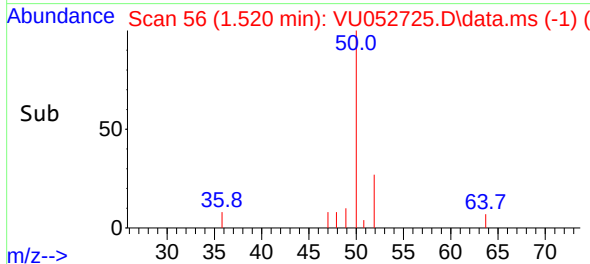
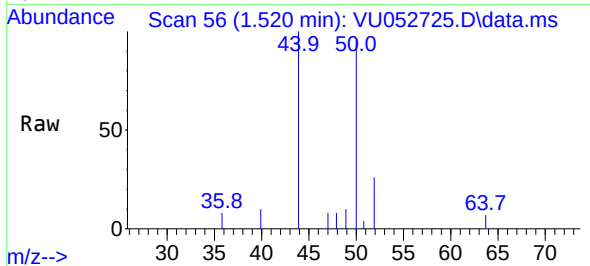
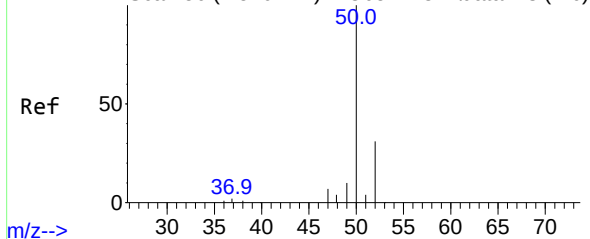
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
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QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration



Abundance Scan 56 (1.520 min): VU052713.D\data.ms (-46)



#3

Chloromethane

Concen: 0.142 ug/L

RT: 1.520 min Scan# 50

Delta R.T. -0.000 min

Lab File: VU052725.D

Acq: 17 Jan 2023 16:49

Instrument :

MSVOA_U

ClientSampleId :

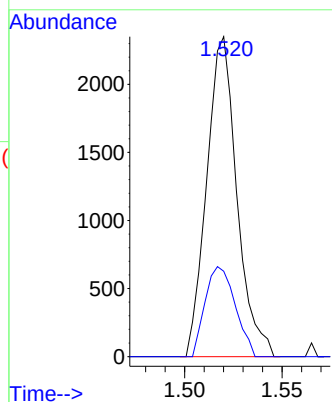
BH1X2

Tgt Ion: 50 Resp: 2528

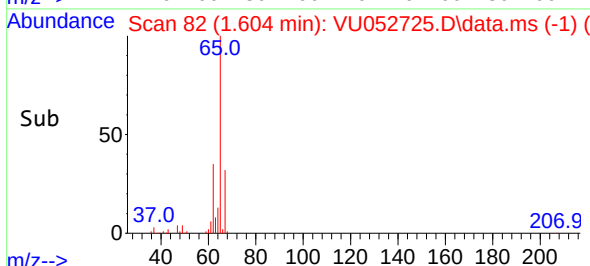
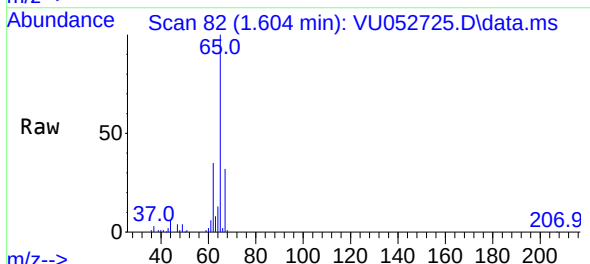
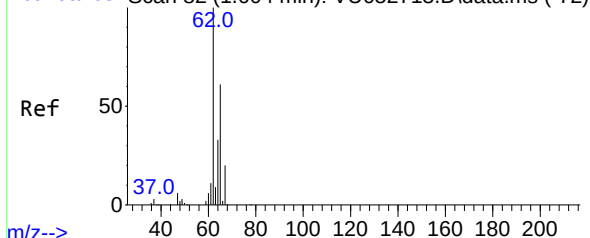
Ion Ratio Lower Upper

50 100

52 26.7 22.7 42.3



Abundance Scan 82 (1.604 min): VU052713.D\data.ms (-72)



#5

Vinyl chloride

Concen: 0.761 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU052725.D

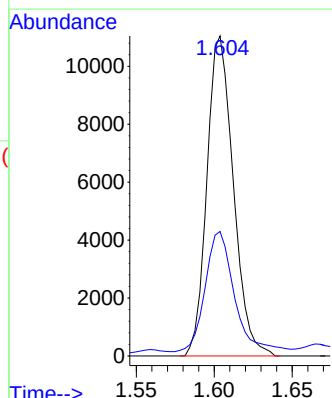
Acq: 17 Jan 2023 16:49

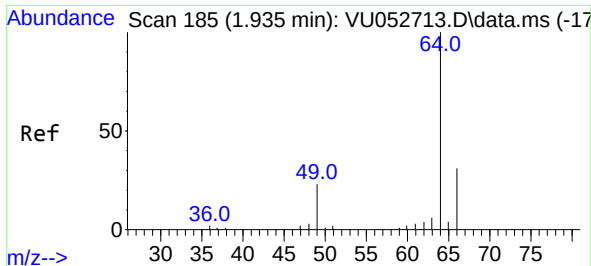
Tgt Ion: 62 Resp: 13011

Ion Ratio Lower Upper

62 100

64 38.9 22.3 41.3

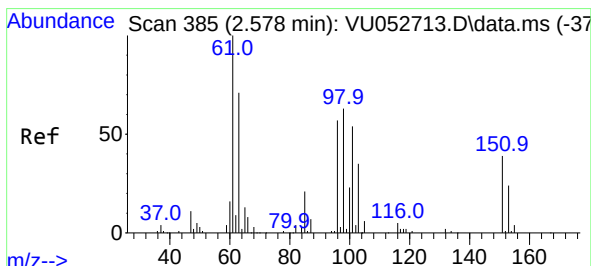
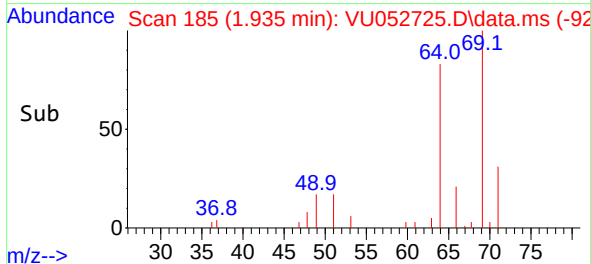
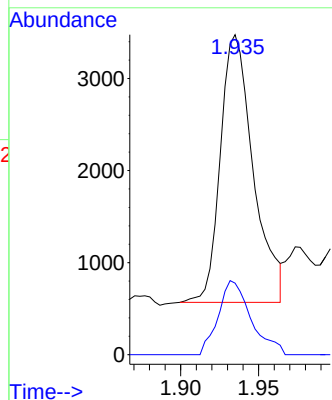
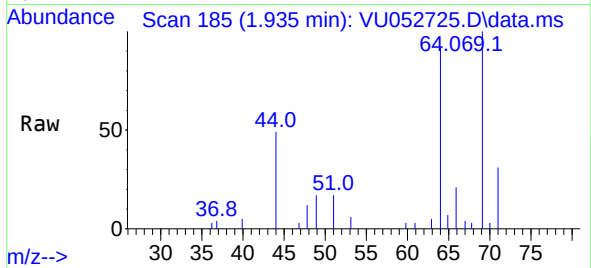




#8
Chloroethane
Concen: 0.412 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

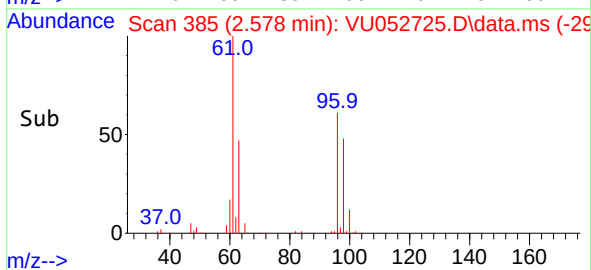
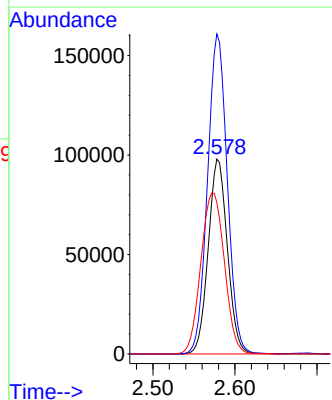
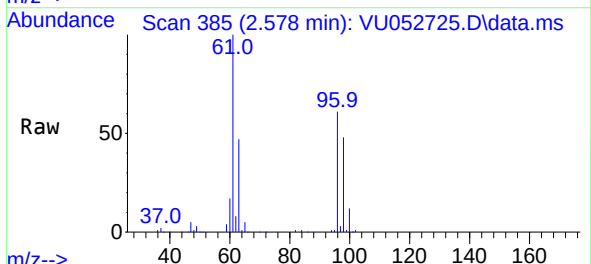
Instrument :
MSVOA_U
ClientSampleId :
BH1X2

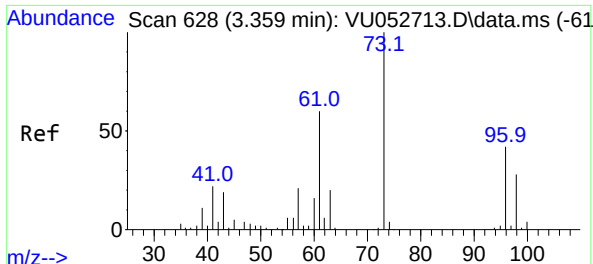
Tgt Ion: 64 Resp: 4279
Ion Ratio Lower Upper
64 100
66 22.4 21.6 40.2



#12
1,1-Dichloroethene
Concen: 13.400 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

Tgt Ion: 96 Resp: 159069
Ion Ratio Lower Upper
96 100
61 164.2 129.6 240.8
63 77.8 83.7 155.5#

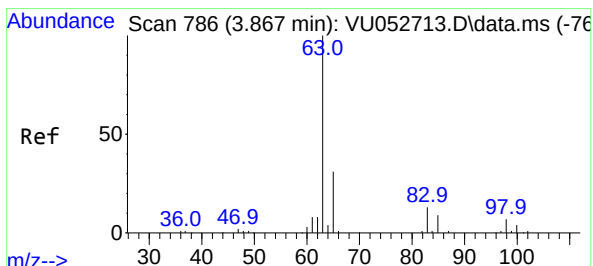
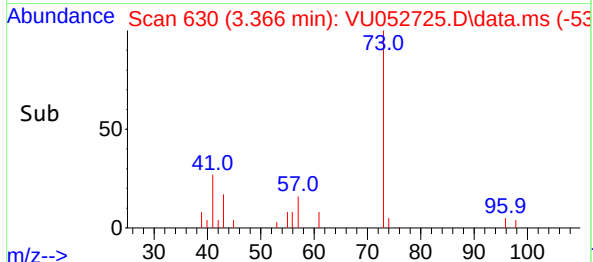
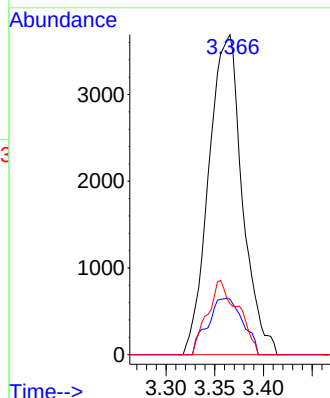
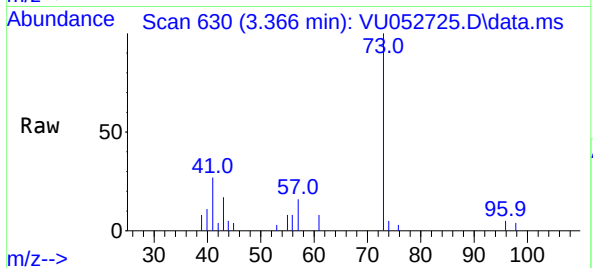




#17
Methyl tert-butyl Ether
Concen: 0.336 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

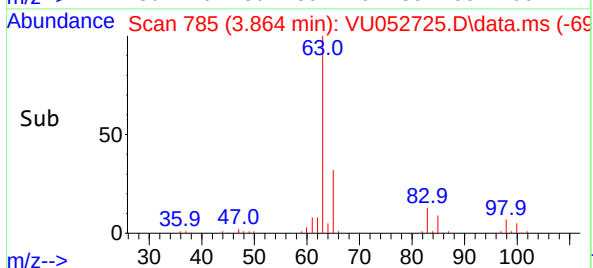
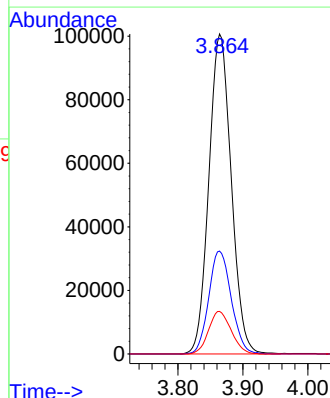
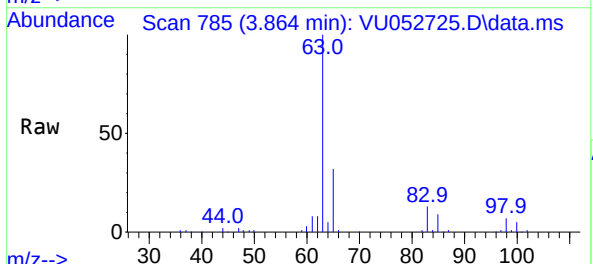
Instrument :
MSVOA_U
ClientSampleId :
BH1X2

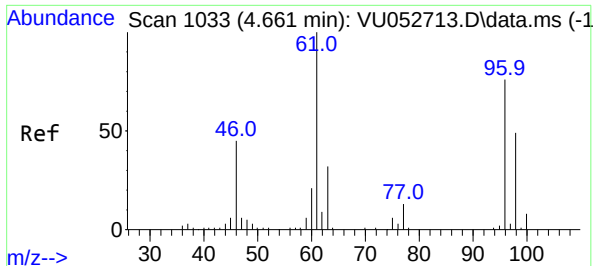
Tgt Ion: 73	Resp:	8820	
Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.8	23.8
57	21.2	18.6	28.0



#19
1,1-Dichloroethane
Concen: 9.574 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

Tgt Ion: 63	Resp: 240678
Ion Ratio	Lower Upper
63 100	
65 32.2	22.0 41.0
83 13.3	8.9 16.5

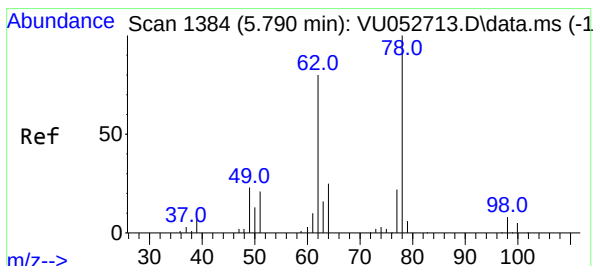
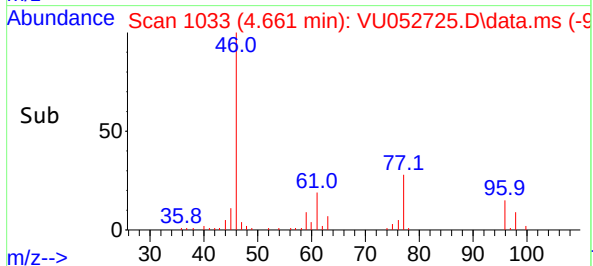
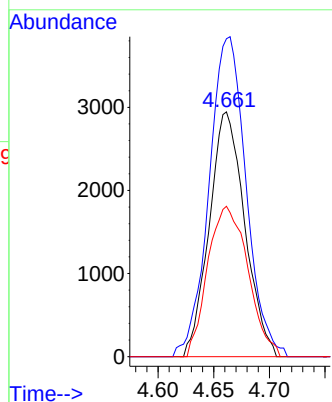
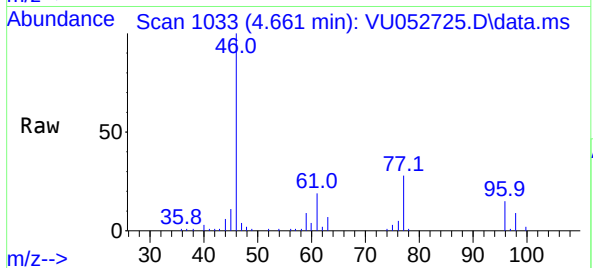




#22
cis-1,2-Dichloroethene
Concen: 0.502 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

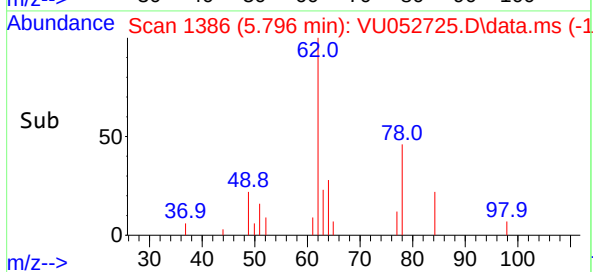
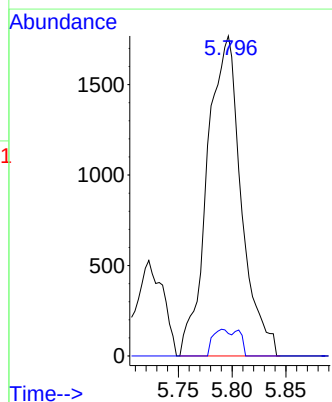
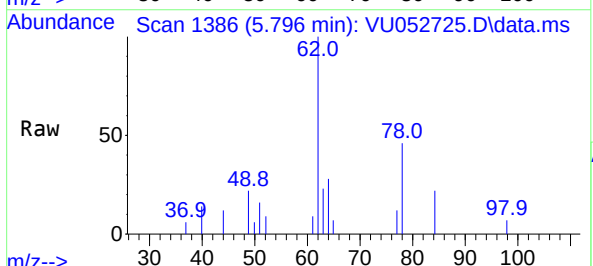
Instrument :
MSVOA_U
ClientSampleId :
BH1X2

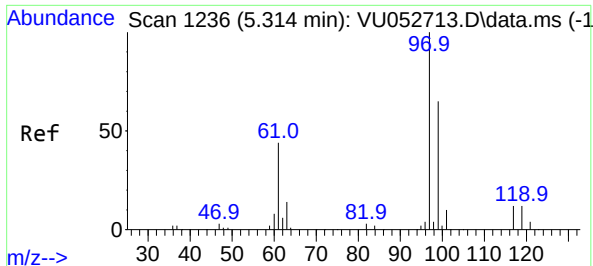
Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 129.9 94.6 175.8
98 61.4 43.3 80.3



#27
1,2-Dichloroethane
Concen: 0.259 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

Tgt Ion: 62 Resp: 3881
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#

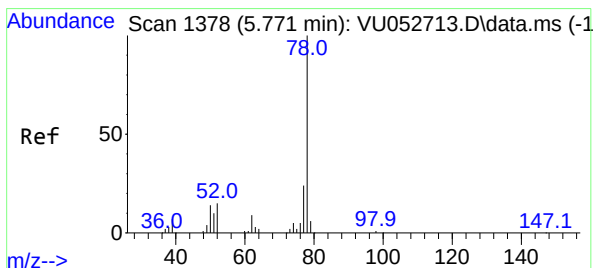
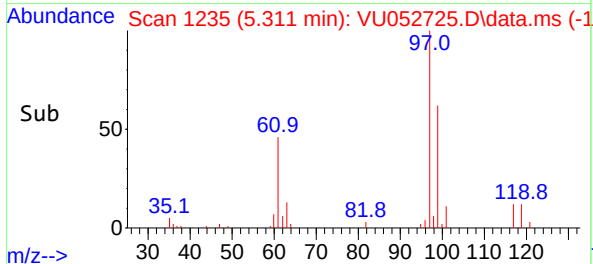
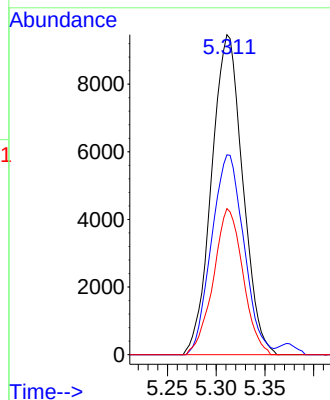
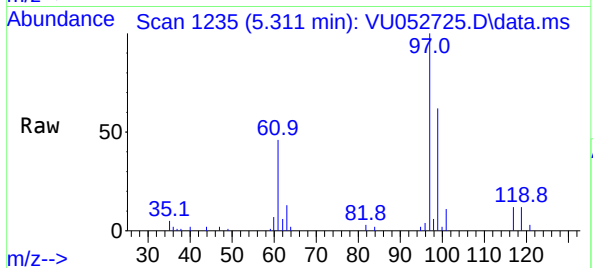




#29
1,1,1-Trichloroethane
Concen: 0.985 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

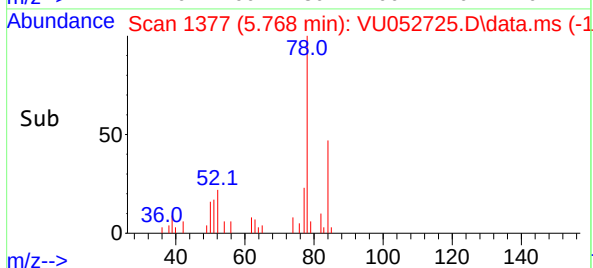
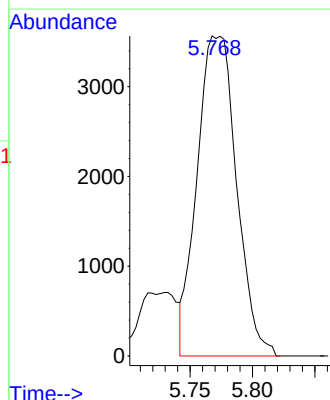
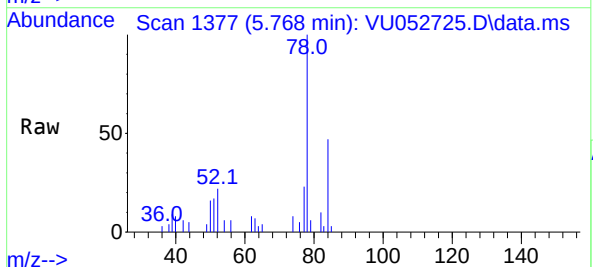
Instrument :
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ClientSampleId :
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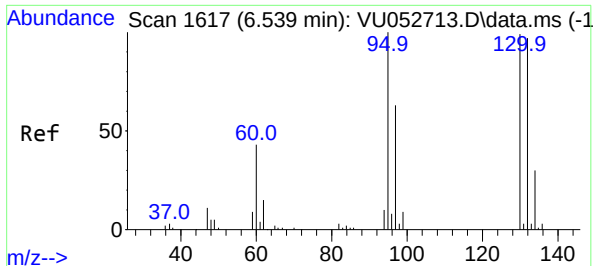
Tgt Ion: 97 Resp: 21020
Ion Ratio Lower Upper
97 100
99 65.0 52.4 78.6
61 43.5 38.5 57.7



#33
Benzene
Concen: 0.146 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

Tgt Ion: 78 Resp: 7851

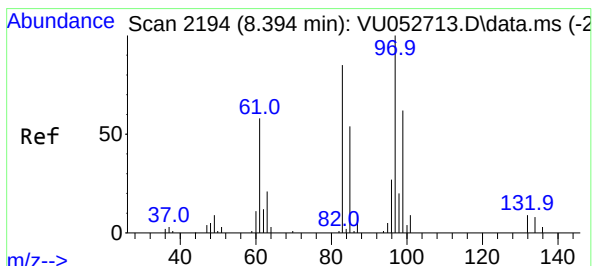
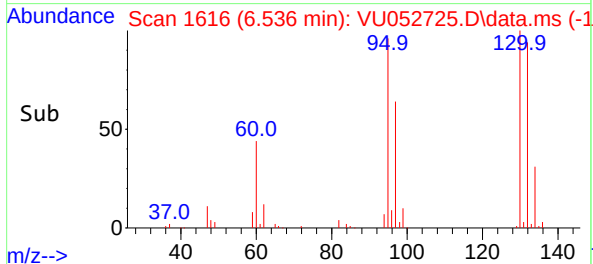
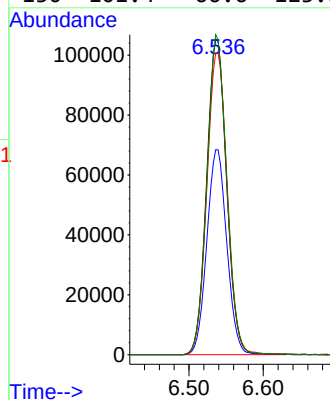
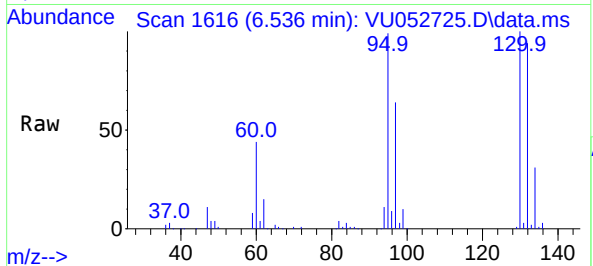




#34
Trichloroethene
Concen: 15.463 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

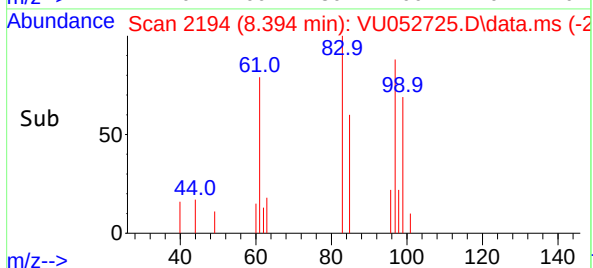
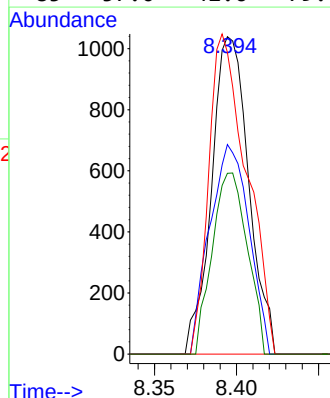
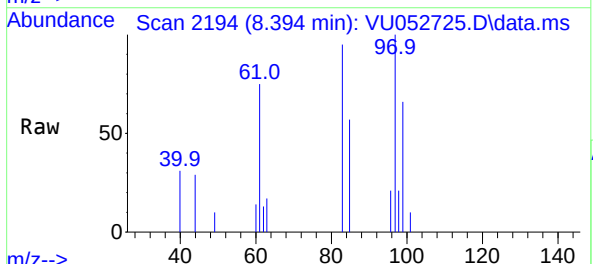
Instrument :
MSVOA_U
ClientSampleId :
BH1X2

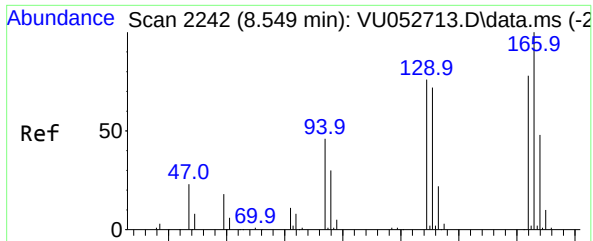
Tgt Ion: 95 Resp: 196919
Ion Ratio Lower Upper
95 100
97 65.0 46.0 85.4
132 95.6 64.0 118.8
130 101.4 66.6 123.8



#45
1,1,2-Trichloroethane
Concen: 0.180 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052725.D
Acq: 17 Jan 2023 16:49

Tgt Ion: 97 Resp: 1633
Ion Ratio Lower Upper
97 100
99 66.0 44.8 83.2
83 95.1 65.3 121.3
85 57.0 42.6 79.0





#47
 Tetrachloroethene
 Concen: 0.326 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU052725.D
 Acq: 17 Jan 2023 16:49

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1X2

Tgt Ion:164 Resp: 3061

Ion	Ratio	Lower	Upper
164	100		
129	88.6	71.8	133.4
131	88.6	66.6	123.6
166	140.8	89.9	167.0

