

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052672.D
 Acq On : 13 Jan 2023 17:46
 Operator : JC/MD
 Sample : N1139-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z6

Quant Time: Jan 13 22:27:41 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)

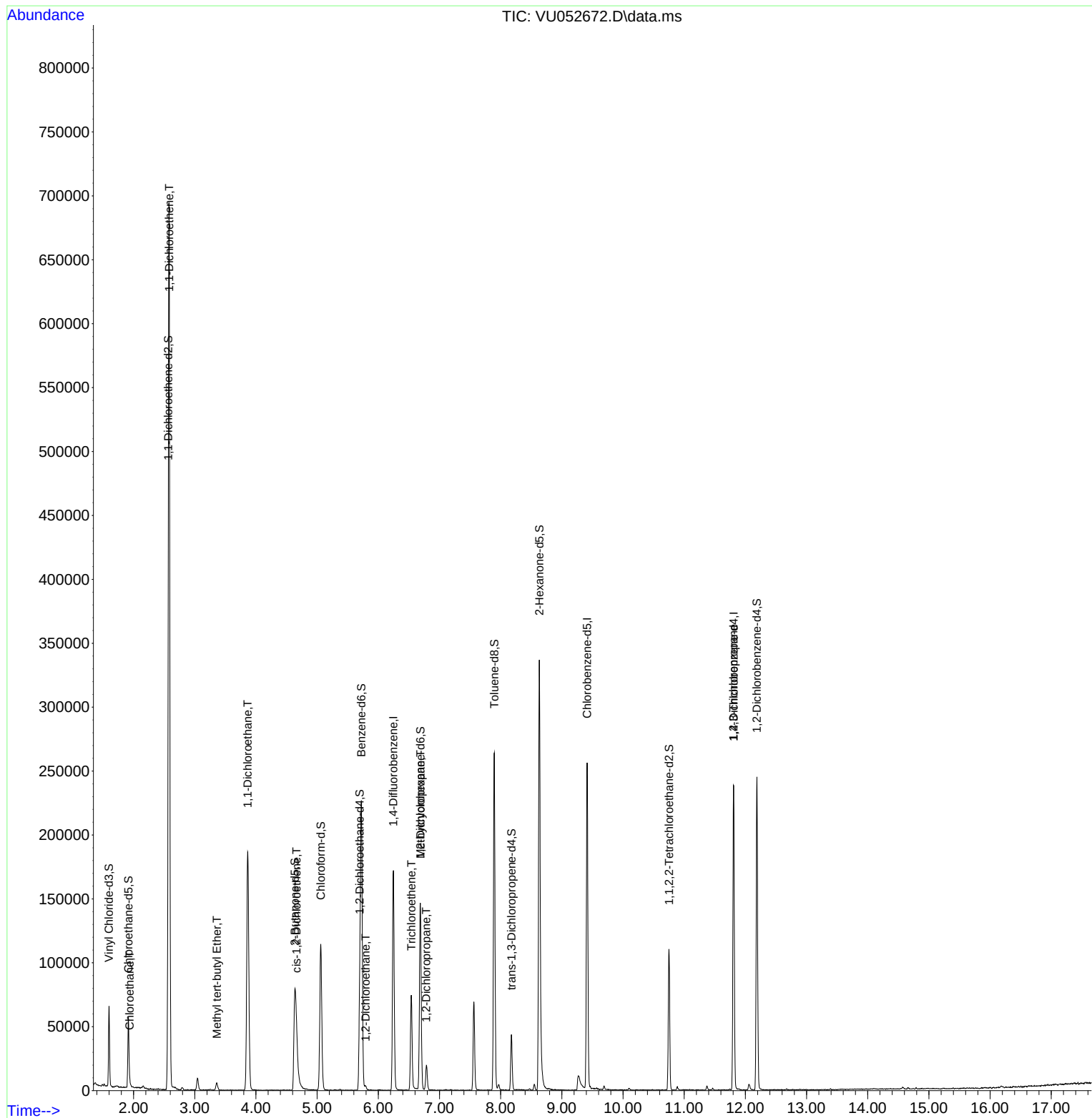
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45418	3.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.916	69	42583	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.568	65	22843	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.636	46	158714	49.480	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.060	84	109589	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.697	65	58031	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.723	84	211708	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.687	67	71437	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.896	98	172854	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.176	79	24614	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.632	63	113298	48.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53692	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	63808	5.472	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
8) Chloroethane	1.935	64	1759	0.170	ug/L	97
12) 1,1-Dichloroethene	2.581	96	216374	18.276	ug/L #	74
17) Methyl tert-butyl Ether	3.363	73	4989	0.190	ug/L	97
19) 1,1-Dichloroethane	3.864	63	220892	8.810	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	4727	0.365	ug/L	85
27) 1,2-Dichloroethane	5.793	62	2123	0.142	ug/L	98
34) Trichloroethene	6.539	95	25118	1.918	ug/L	94
35) Methylcyclohexane	6.687	83	16135	0.746	ug/L #	16
37) 1,2-Dichloropropane	6.784	63	7265	0.489	ug/L #	97
61) 1,2,3-Trichloropropane	11.806	75	8165	1.097	ug/L #	68

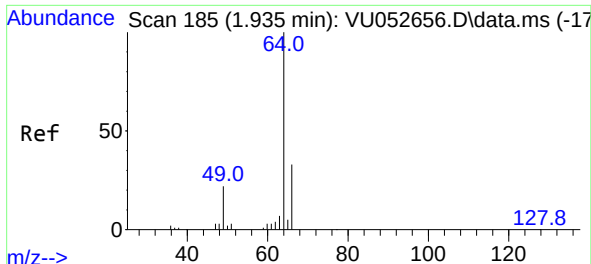
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
Data File : VU052672.D
Acq On : 13 Jan 2023 17:46
Operator : JC/MD
Sample : N1139-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6

Quant Time: Jan 13 22:27:41 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

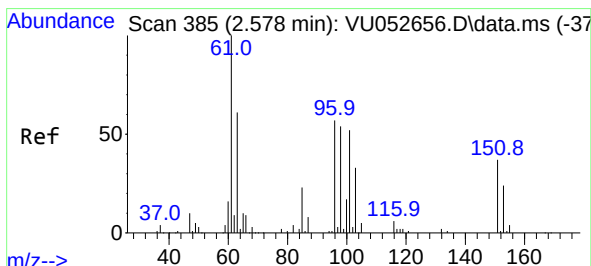
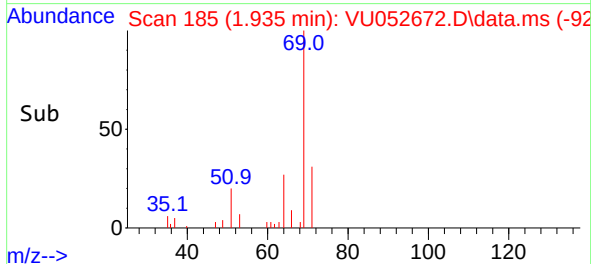
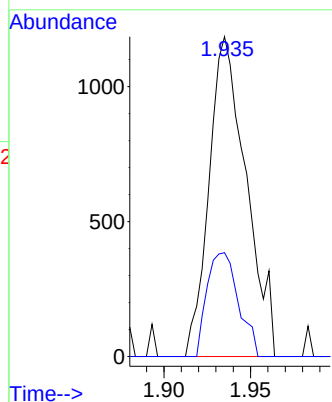
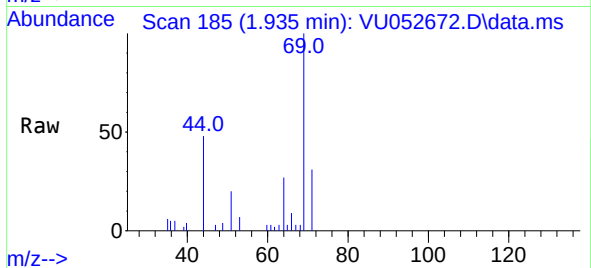




#8
Chloroethane
Concen: 0.170 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

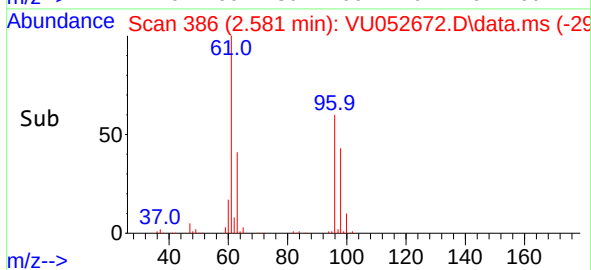
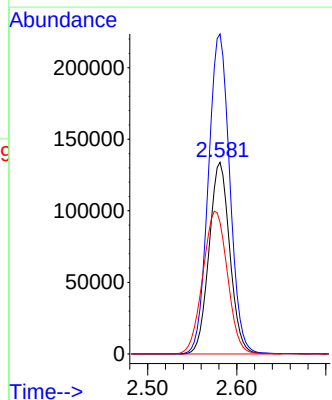
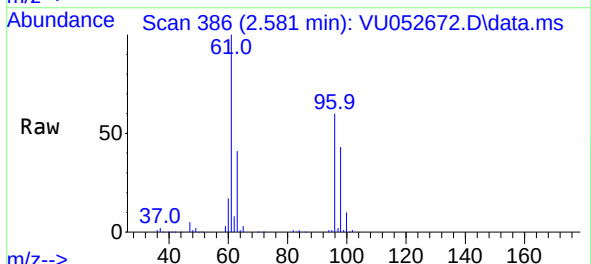
Instrument :
MSVOA_U
ClientSampleId :
BH1Z6

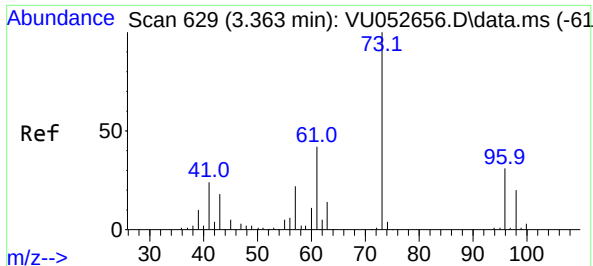
Tgt Ion: 64 Resp: 1759
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.2



#12
1,1-Dichloroethene
Concen: 18.276 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

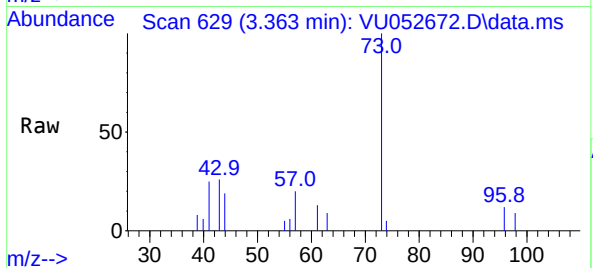
Tgt Ion: 96 Resp: 216374
Ion Ratio Lower Upper
96 100
61 166.9 129.6 240.8
63 68.6 83.7 155.5#



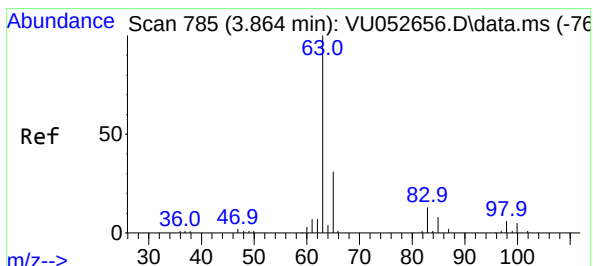
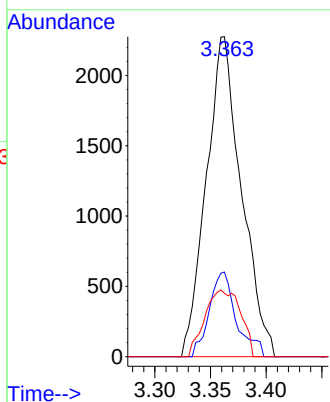
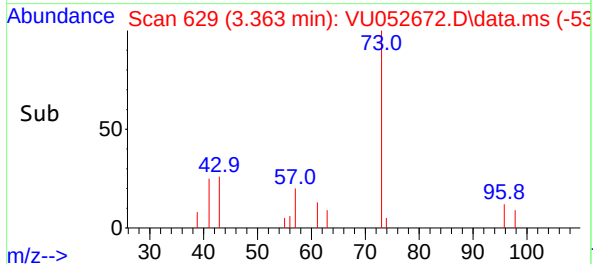


#17
Methyl tert-butyl Ether
Concen: 0.190 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

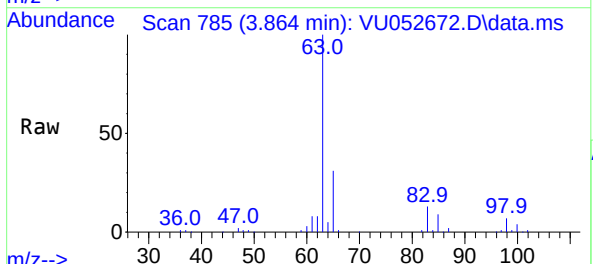
Instrument :
MSVOA_U
ClientSampleId :
BH1Z6



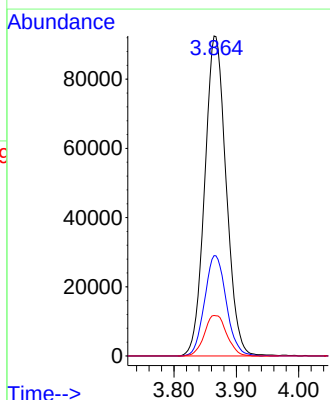
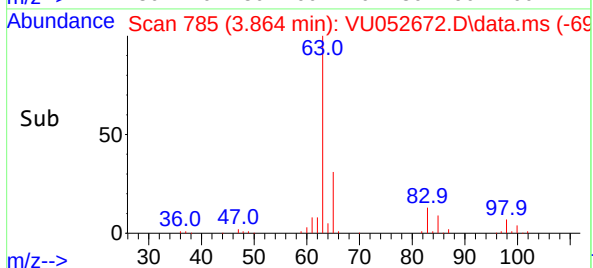
Tgt Ion: 73 Resp: 4989
Ion Ratio Lower Upper
73 100
43 20.5 15.8 23.8
57 21.2 18.6 28.0

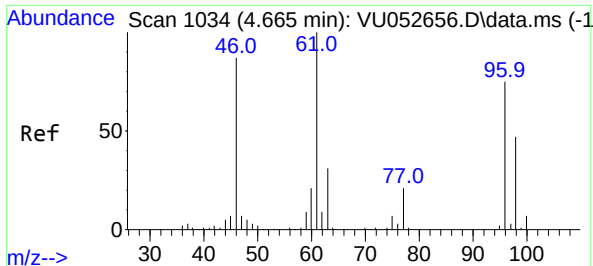


#19
1,1-Dichloroethane
Concen: 8.810 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46



Tgt Ion: 63 Resp: 220892
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 12.6 8.9 16.5

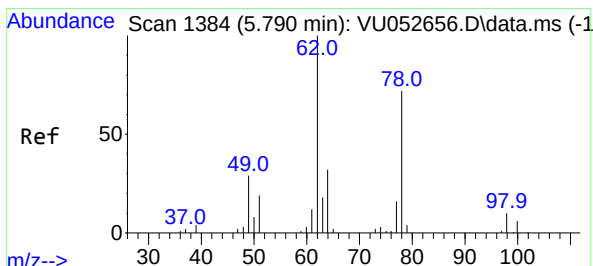
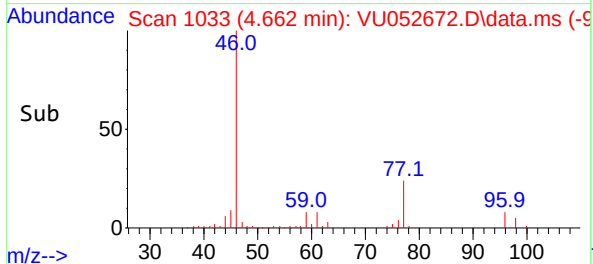
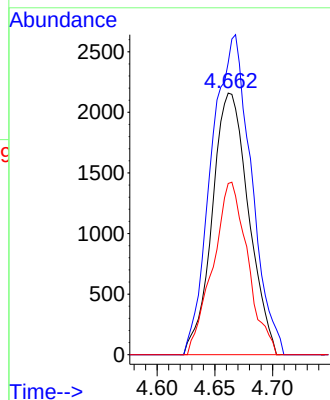
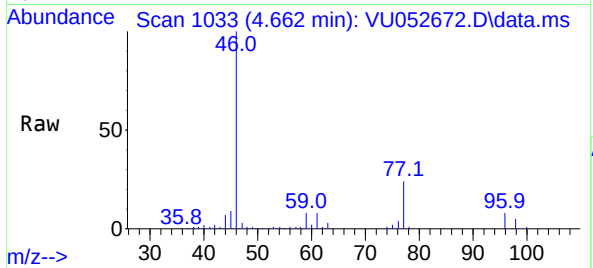




#22
cis-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

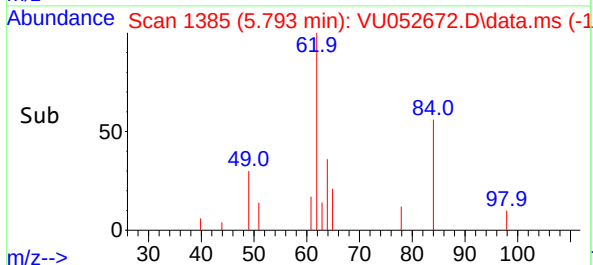
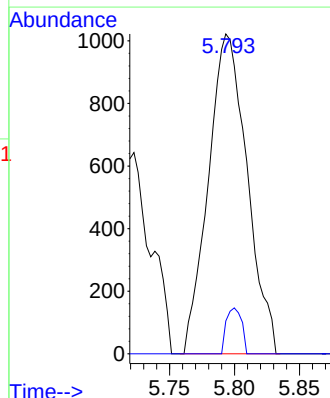
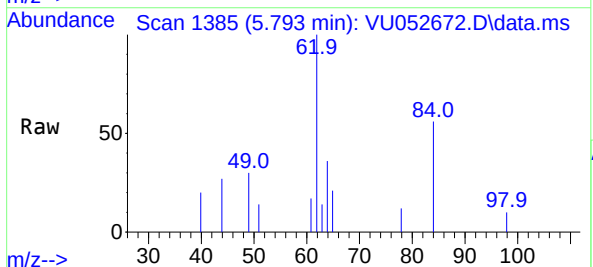
Instrument :
MSVOA_U
ClientSampleId :
BH1Z6

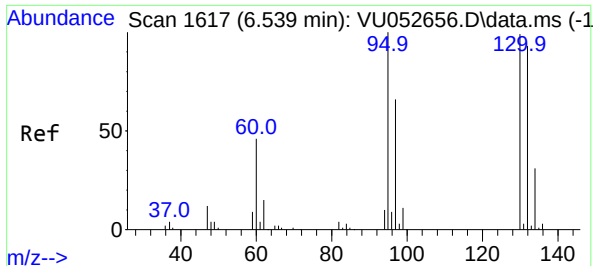
Tgt Ion: 96 Resp: 4727
Ion Ratio Lower Upper
96 100
61 111.6 94.6 175.8
98 65.4 43.3 80.3



#27
1,2-Dichloroethane
Concen: 0.142 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

Tgt Ion: 62 Resp: 2123
Ion Ratio Lower Upper
62 100
98 10.3 7.5 11.3



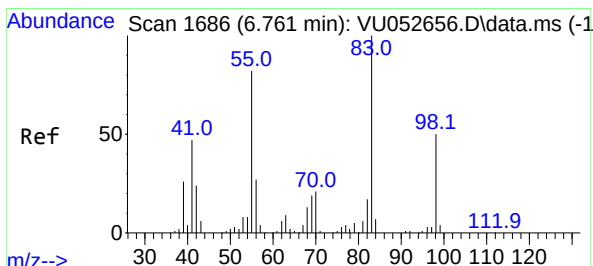
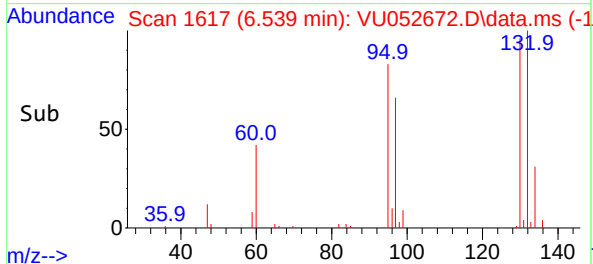
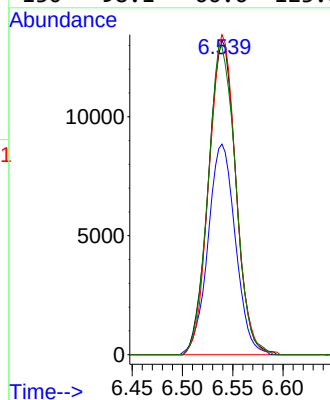
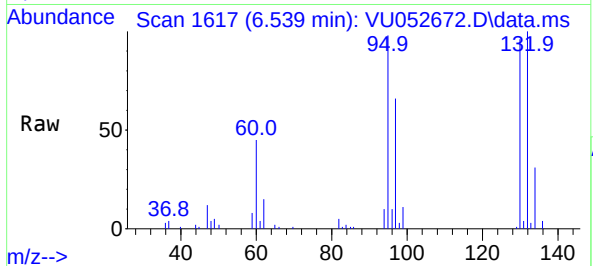


#34
Trichloroethene
Concen: 1.918 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6

Tgt Ion: 95 Resp: 25118

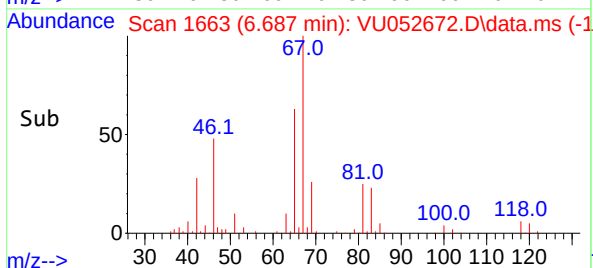
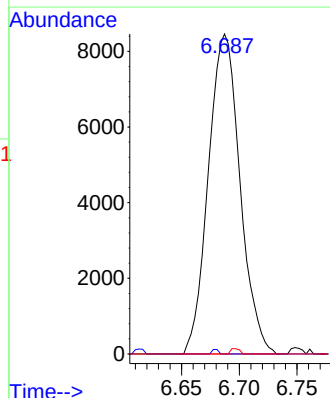
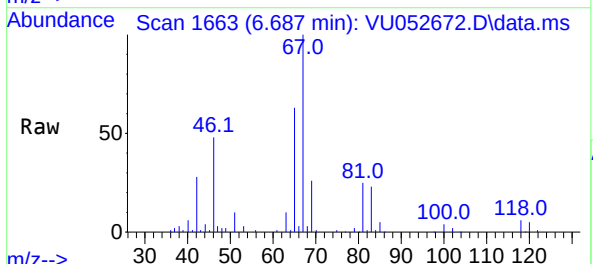
Ion	Ratio	Lower	Upper
95	100		
97	67.0	46.0	85.4
132	101.9	64.0	118.8
130	98.1	66.6	123.8

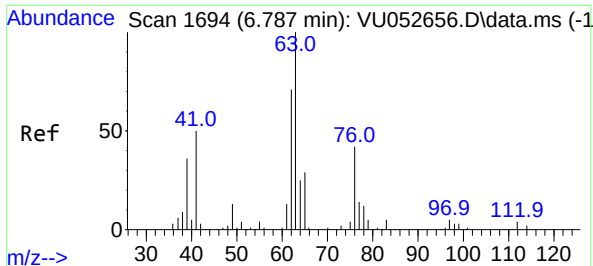


#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

Tgt Ion: 83 Resp: 16135

Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.6	101.4#
98	0.5	37.1	55.7#

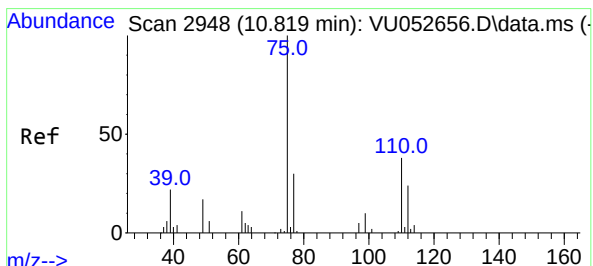
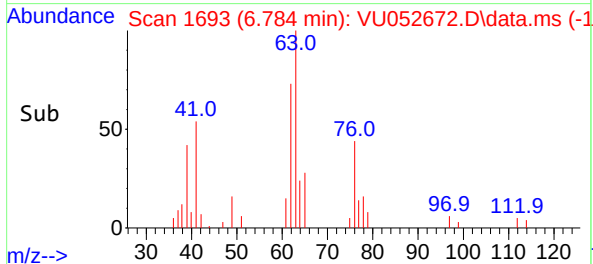
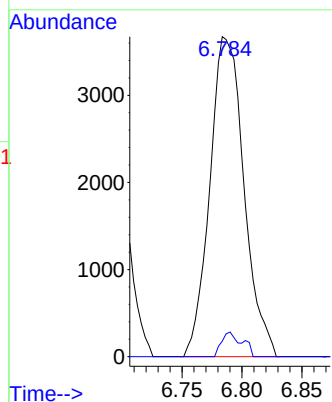
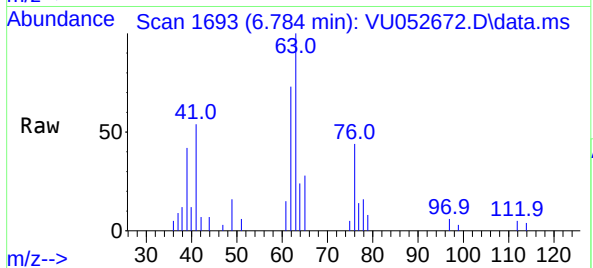




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

Instrument :
MSVOA_U
ClientSampleId :
BH1Z6

Tgt Ion: 63 Resp: 7265
Ion Ratio Lower Upper
63 100
112 4.6 2.9 4.3#



#61
1,2,3-Trichloropropane
Concen: 1.097 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052672.D
Acq: 13 Jan 2023 17:46

Tgt Ion: 75 Resp: 8165
Ion Ratio Lower Upper
75 100
110 0.9 27.2 40.8#
77 31.0 24.0 36.0

