

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052668.D
 Acq On : 13 Jan 2023 16:14
 Operator : JC/MD
 Sample : N1139-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 13 22:27:07 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)

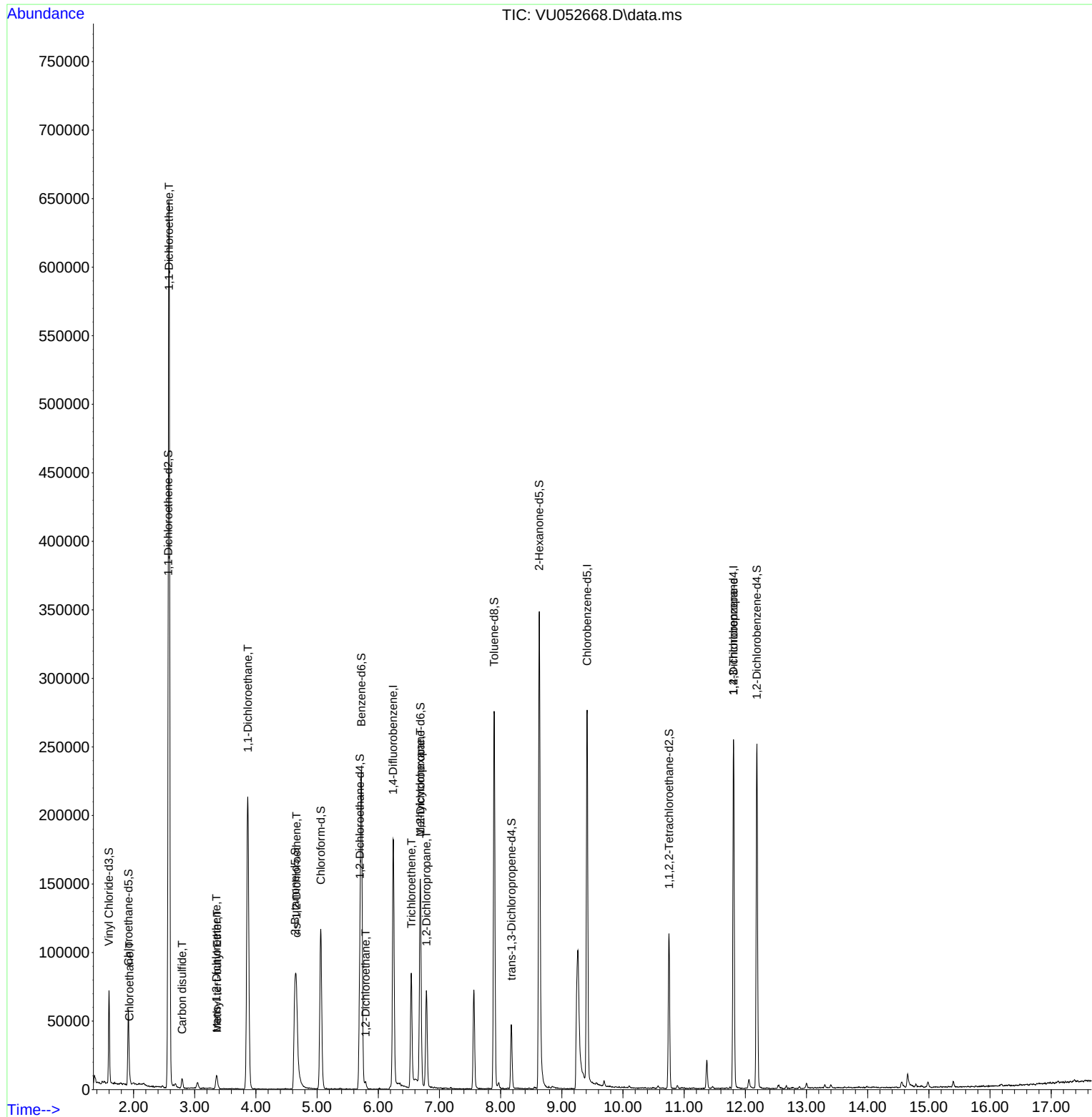
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	141995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	147701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	67904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	48698	3.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.916	69	42386	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.565	65	23839	4.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.639	46	159532	47.828	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.660%
24) Chloroform-d	5.060	84	109639	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.700	65	58877	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.723	84	215159	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	73034	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.893	98	180389	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.176	79	26177	4.412	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.629	63	121519	49.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.620%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	56547	4.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	64258	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
8) Chloroethane	1.932	64	2038	0.189	ug/L	91
12) 1,1-Dichloroethene	2.581	96	199287	16.188	ug/L #	77
14) Carbon disulfide	2.794	76	10040	0.236	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	6354	0.233	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	2015	0.160	ug/L	94
19) 1,1-Dichloroethane	3.868	63	252343	9.679	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	14728	1.092	ug/L	96
27) 1,2-Dichloroethane	5.794	62	3843	0.247	ug/L	99
34) Trichloroethene	6.539	95	28075	2.030	ug/L	97
35) Methylcyclohexane	6.684	83	17140	0.751	ug/L #	18
37) 1,2-Dichloropropane	6.787	63	27326	1.742	ug/L #	97
61) 1,2,3-Trichloropropane	11.806	75	8520	1.080	ug/L #	67

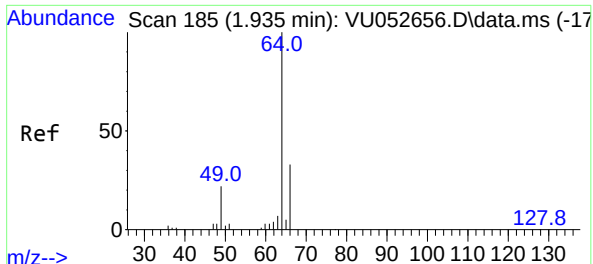
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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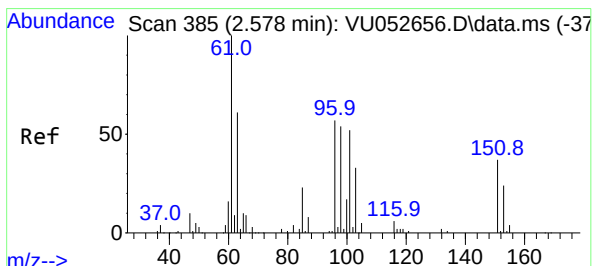
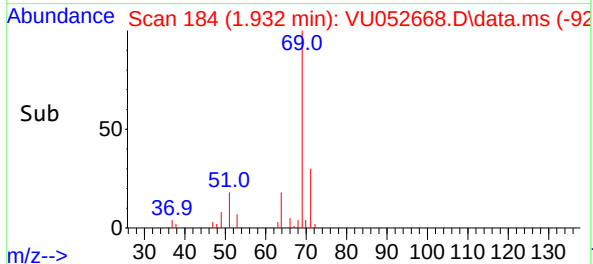
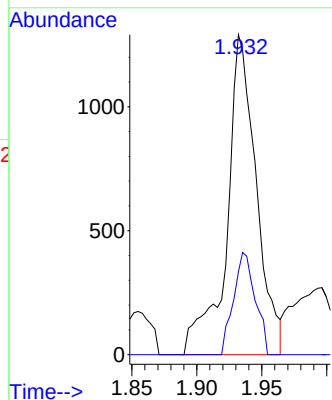
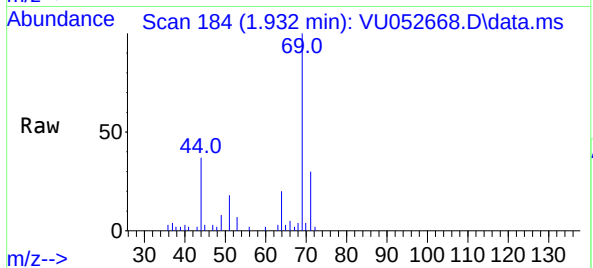




#8
Chloroethane
Concen: 0.189 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

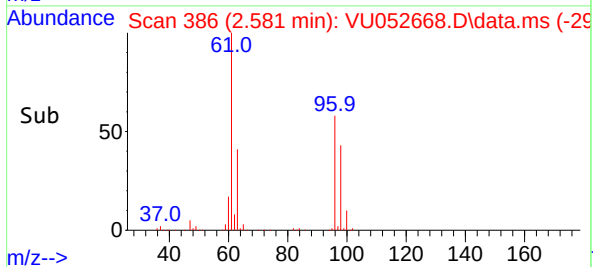
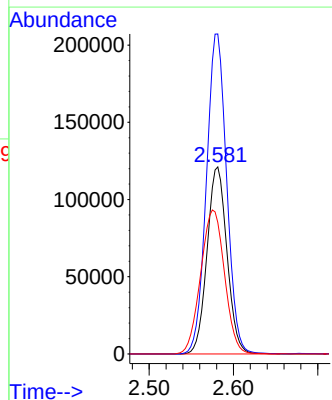
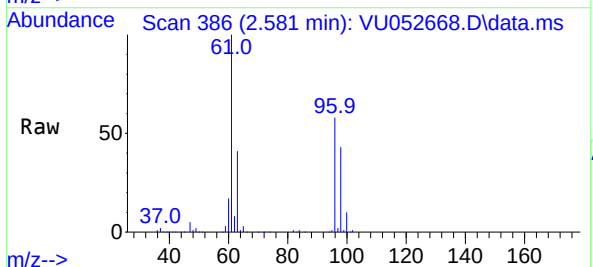
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

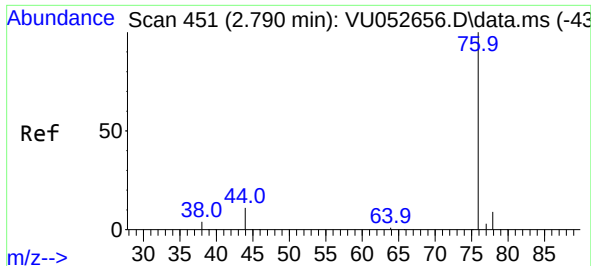
Tgt Ion: 64 Resp: 2038
Ion Ratio Lower Upper
64 100
66 25.9 21.6 40.2



#12
1,1-Dichloroethene
Concen: 16.188 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

Tgt Ion: 96 Resp: 199287
Ion Ratio Lower Upper
96 100
61 171.0 129.6 240.8
63 70.3 83.7 155.5#





#14

Carbon disulfide

Concen: 0.236 ug/L

RT: 2.794 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU052668.D

Acq: 13 Jan 2023 16:14

Instrument :

MSVOA_U

ClientSampleId :

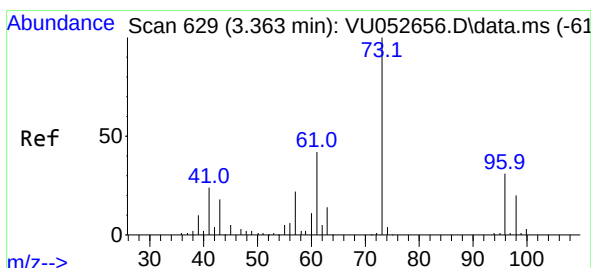
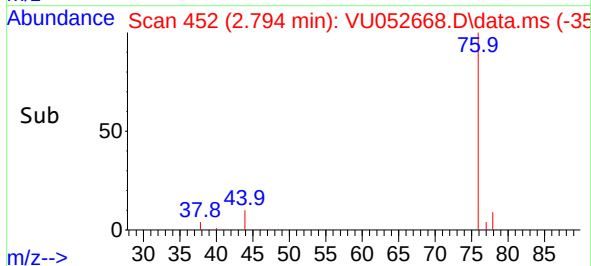
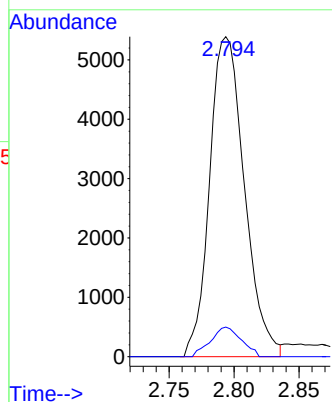
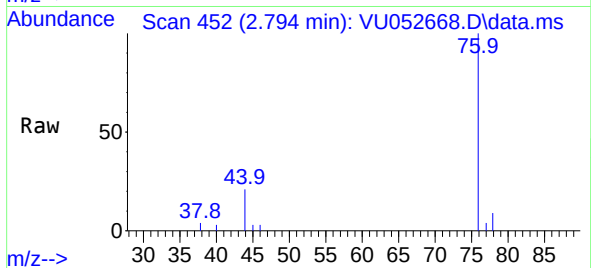
VSTDCCC050EC

Tgt Ion: 76 Resp: 10040

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#17

Methyl tert-butyl Ether

Concen: 0.233 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.007 min

Lab File: VU052668.D

Acq: 13 Jan 2023 16:14

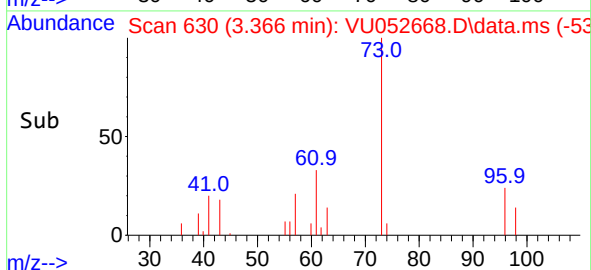
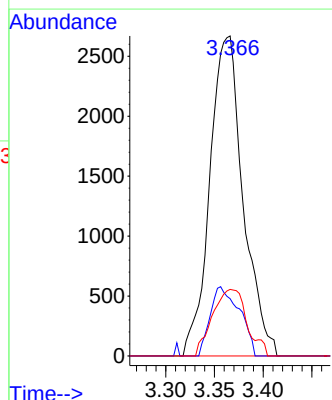
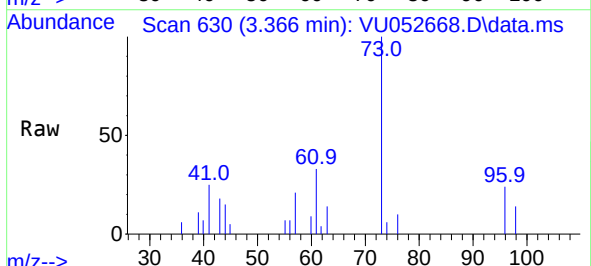
Tgt Ion: 73 Resp: 6354

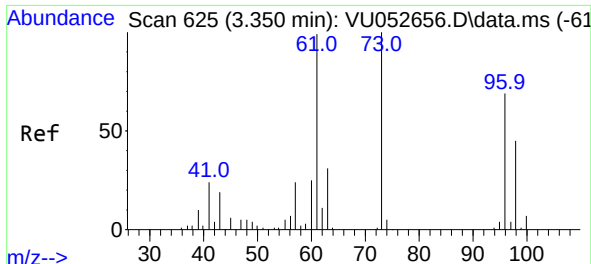
Ion Ratio Lower Upper

73 100

43 19.0 15.8 23.8

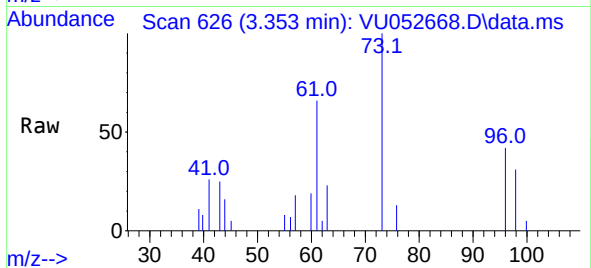
57 21.5 18.6 28.0



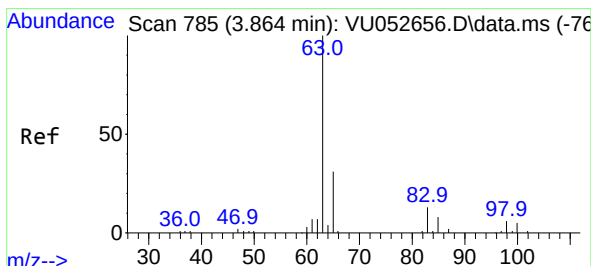
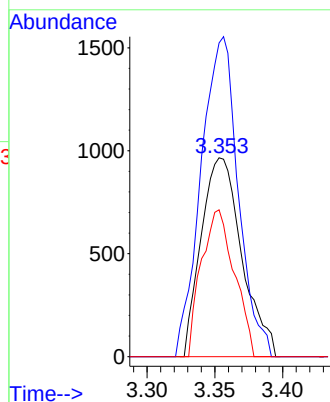
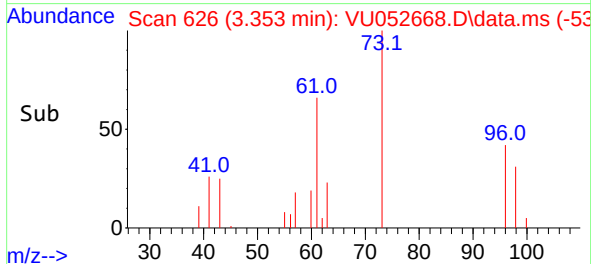


#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

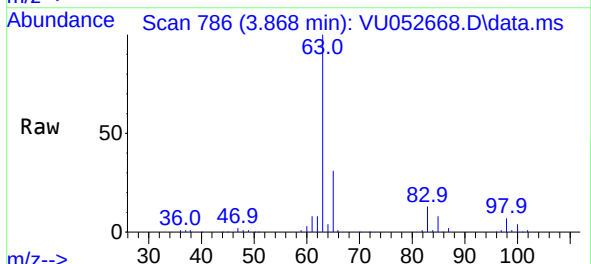
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



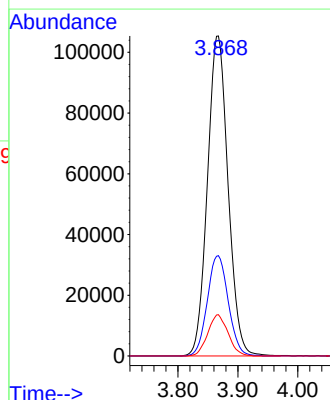
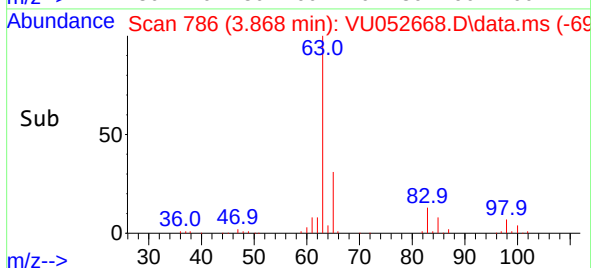
Tgt Ion: 96 Resp: 2015
Ion Ratio Lower Upper
96 100
61 157.8 108.4 201.4
98 73.8 43.8 81.4

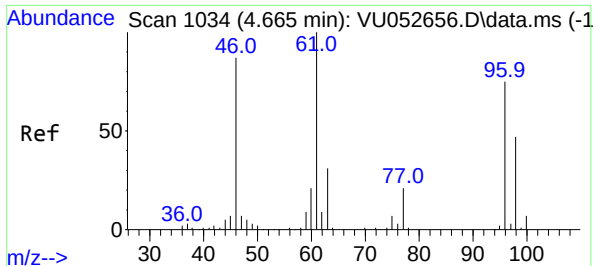


#19
1,1-Dichloroethane
Concen: 9.679 ug/L
RT: 3.868 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14



Tgt Ion: 63 Resp: 252343
Ion Ratio Lower Upper
63 100
65 31.3 22.0 41.0
83 12.9 8.9 16.5

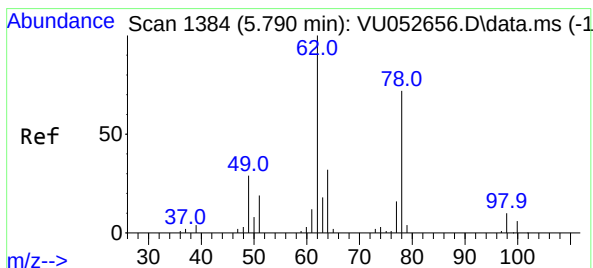
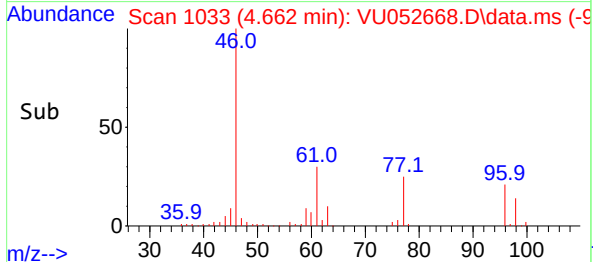
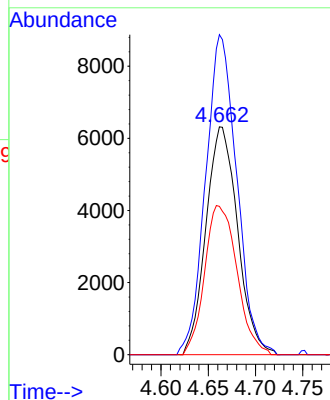
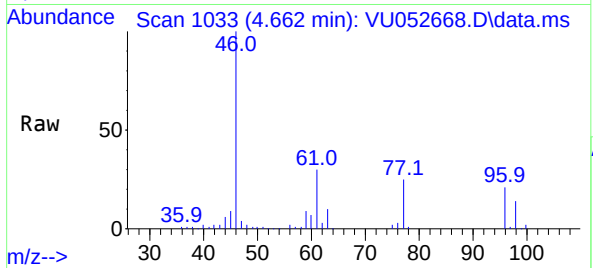




#22
cis-1,2-Dichloroethene
Concen: 1.092 ug/L
RT: 4.662 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

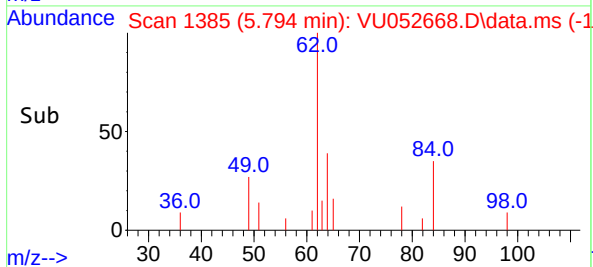
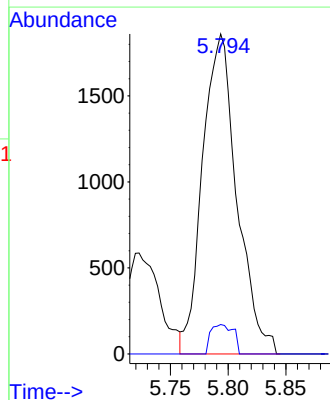
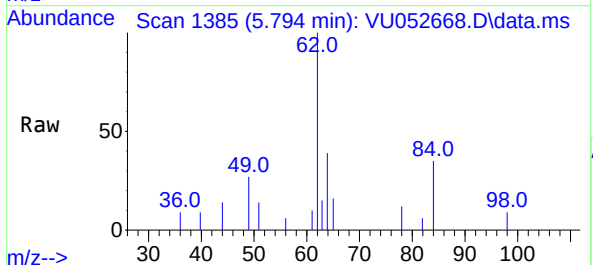
Instrument :
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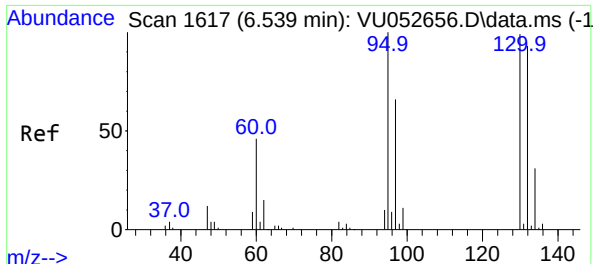
Tgt Ion: 96 Resp: 14728
Ion Ratio Lower Upper
96 100
61 140.5 94.6 175.8
98 65.1 43.3 80.3



#27
1,2-Dichloroethane
Concen: 0.247 ug/L
RT: 5.794 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

Tgt Ion: 62 Resp: 3843
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3



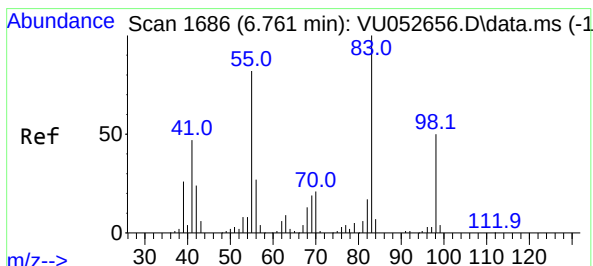
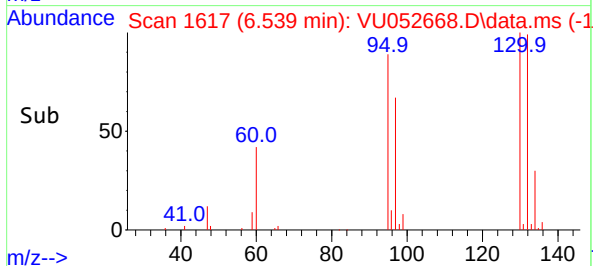
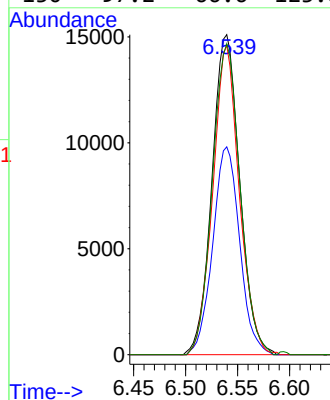
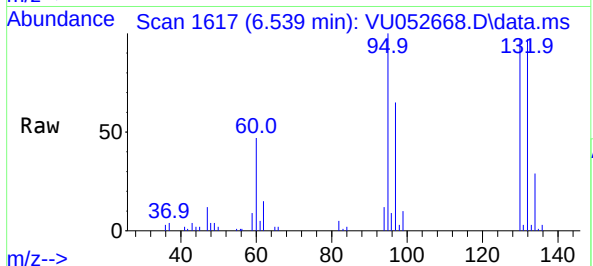


#34
Trichloroethene
Concen: 2.030 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052668.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 95 Resp: 28075

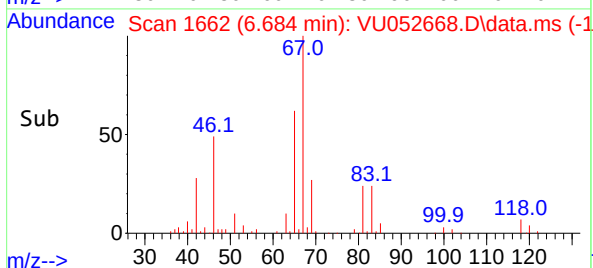
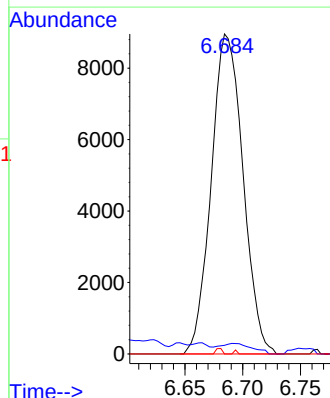
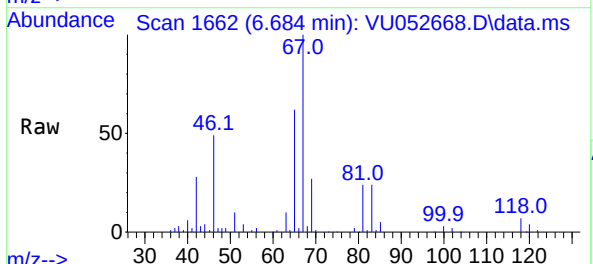
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.0	85.4
132	96.6	64.0	118.8
130	97.2	66.6	123.8

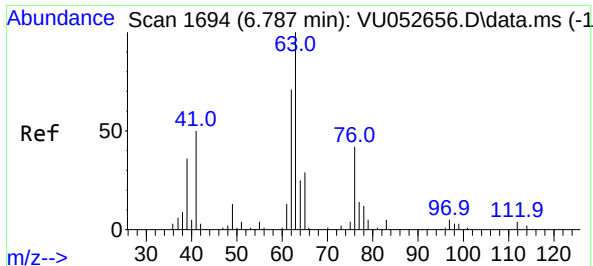


#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

Tgt Ion: 83 Resp: 17140

Ion	Ratio	Lower	Upper
83	100		
55	3.3	67.6	101.4#
98	0.3	37.1	55.7#

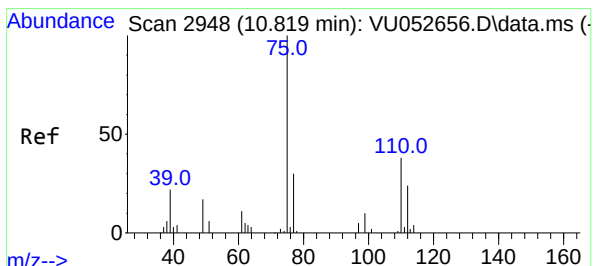
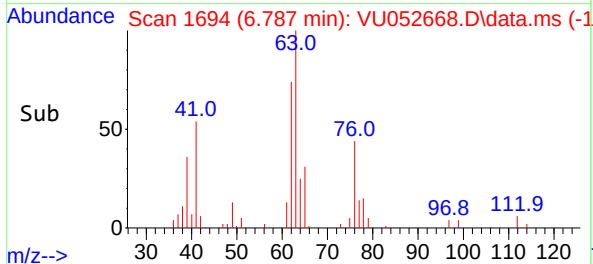
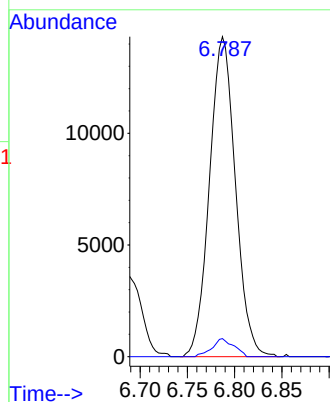
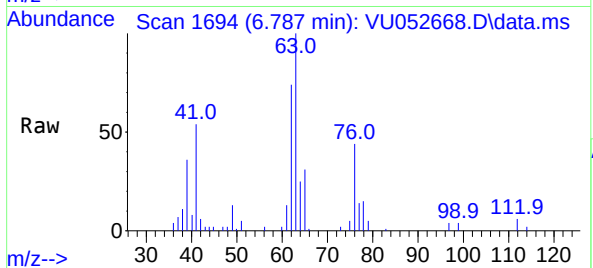




#37
1,2-Dichloropropane
Concen: 1.742 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
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Acq: 13 Jan 2023 16:14

Instrument :
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Tgt Ion: 63 Resp: 27326
Ion Ratio Lower Upper
63 100
112 4.7 2.9 4.3#



#61
1,2,3-Trichloropropane
Concen: 1.080 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052668.D
Acq: 13 Jan 2023 16:14

Tgt Ion: 75 Resp: 8520
Ion Ratio Lower Upper
75 100
110 1.3 27.2 40.8#
77 32.6 24.0 36.0

