

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052671.D
 Acq On : 13 Jan 2023 17:23
 Operator : JC/MD
 Sample : N1139-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK169

Quant Time: Jan 13 22:27:32 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)

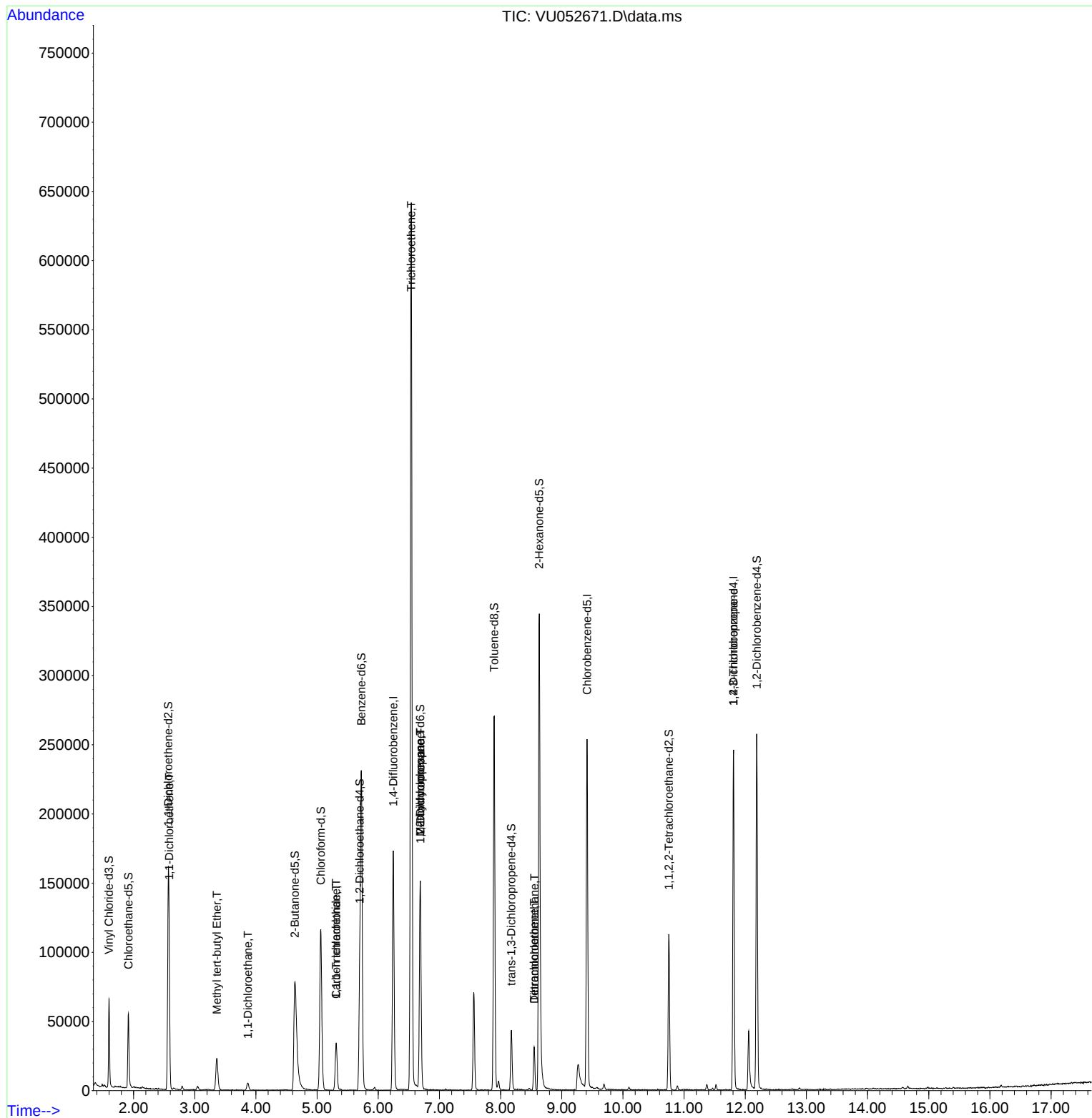
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	137782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47712	3.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.916	69	43381	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.568	65	23012	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.636	46	163015	50.367	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.740%
24) Chloroform-d	5.060	84	110272	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.697	65	60096	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.723	84	215533	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.687	67	73385	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.896	98	177649	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.176	79	25418	4.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.632	63	116214	50.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	56063	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	67712	5.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	24296	2.034	ug/L #	77
17) Methyl tert-butyl Ether	3.362	73	25651	0.970	ug/L	99
19) 1,1-Dichloroethane	3.867	63	6684	0.264	ug/L	91
29) 1,1,1-Trichloroethane	5.311	97	25055	1.165	ug/L	98
31) Carbon tetrachloride	5.311	117	3196	0.190	ug/L	98
34) Trichloroethene	6.539	95	217639	16.956	ug/L	98
35) Methylcyclohexane	6.687	83	16947	0.800	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	8125	0.558	ug/L #	89
47) Tetrachloroethene	8.549	164	6822	0.721	ug/L	94
49) Dibromochloromethane	8.552	129	6708	0.633	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	7356	0.982	ug/L #	67

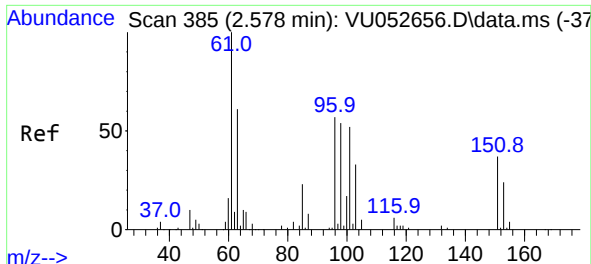
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.034 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052671.D

Acq: 13 Jan 2023 17:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK169

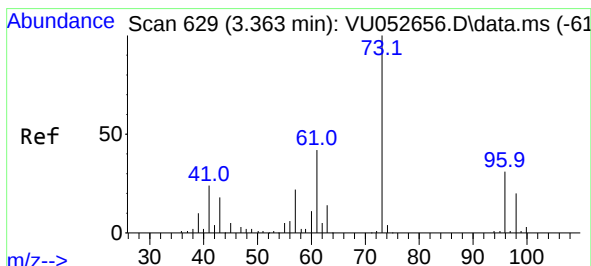
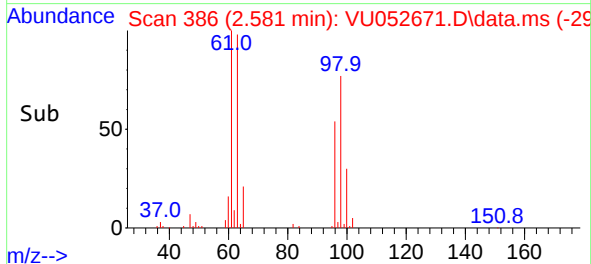
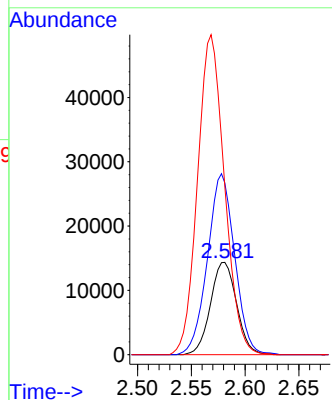
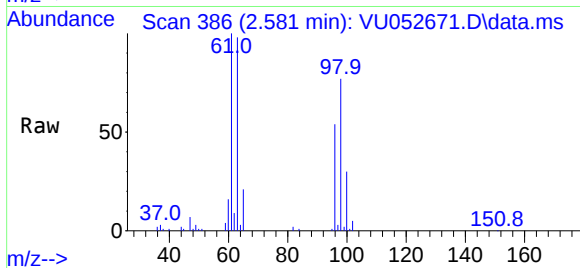
Tgt Ion: 96 Resp: 24296

Ion Ratio Lower Upper

96 100

61 186.0 129.6 240.8

63 182.3 83.7 155.5#



#17

Methyl tert-butyl Ether

Concen: 0.970 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU052671.D

Acq: 13 Jan 2023 17:23

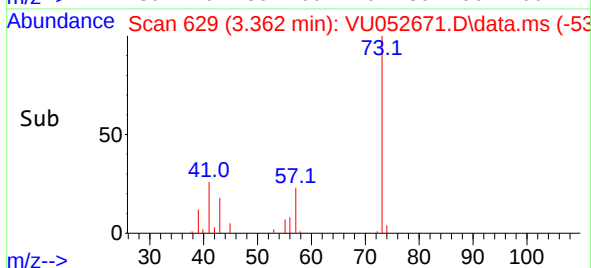
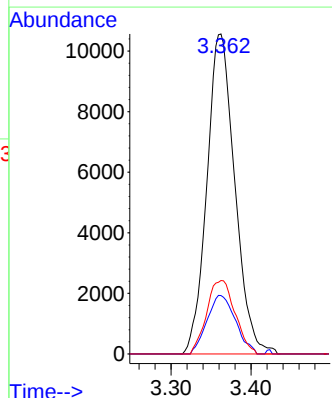
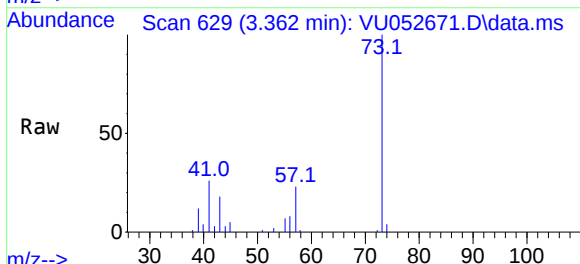
Tgt Ion: 73 Resp: 25651

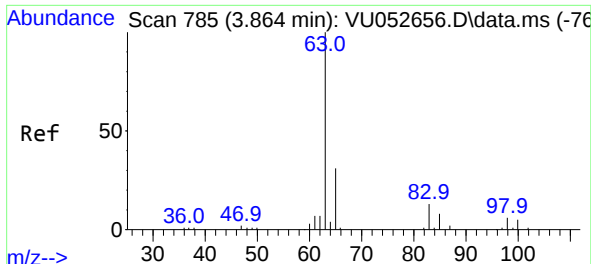
Ion Ratio Lower Upper

73 100

43 18.7 15.8 23.8

57 23.3 18.6 28.0



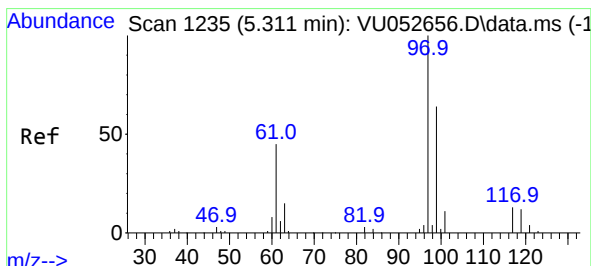
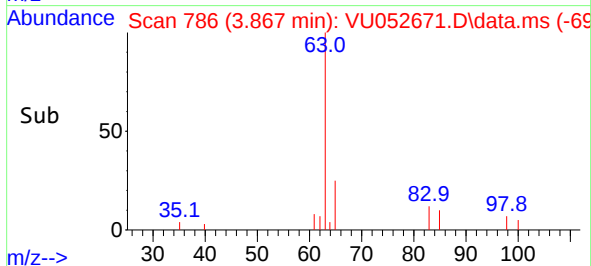
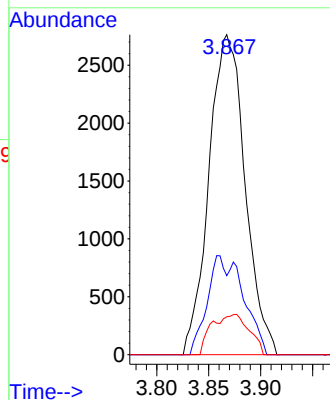
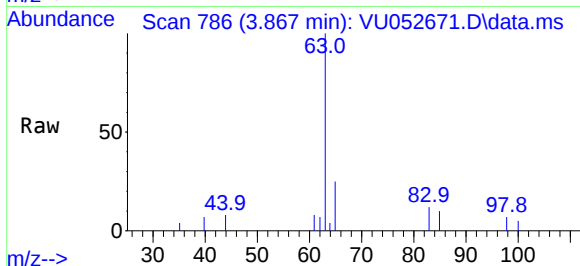


#19
1,1-Dichloroethane
Concen: 0.264 ug/L
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

Instrument :
MSVOA_U
ClientSampleId :
VBLK169

Tgt Ion: 63 Resp: 6684

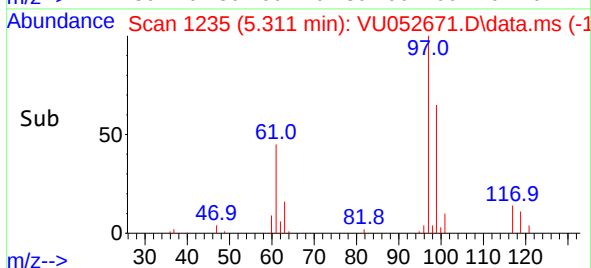
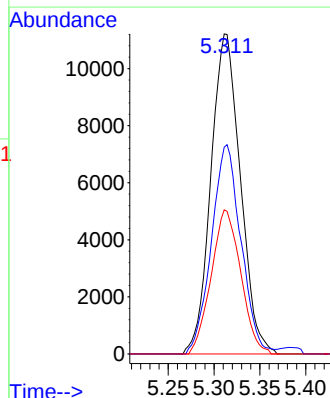
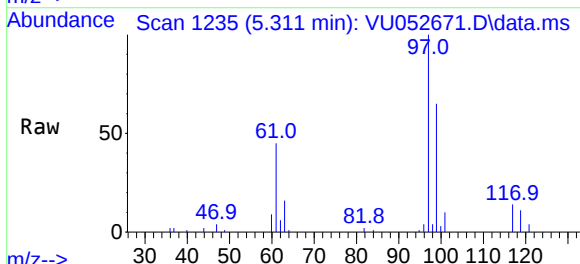
Ion	Ratio	Lower	Upper
63	100		
65	24.7	22.0	41.0
83	11.9	8.9	16.5

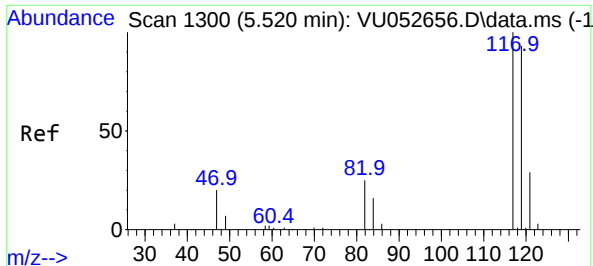


#29
1,1,1-Trichloroethane
Concen: 1.165 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

Tgt Ion: 97 Resp: 25055

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	45.2	38.5	57.7

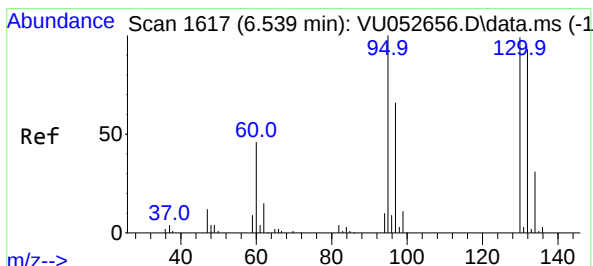
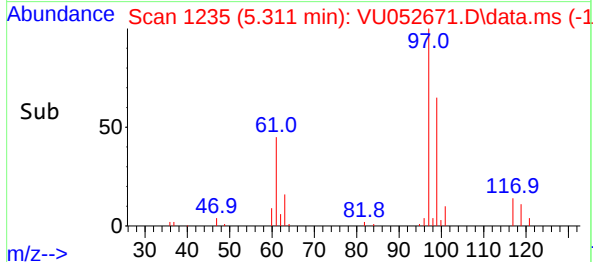
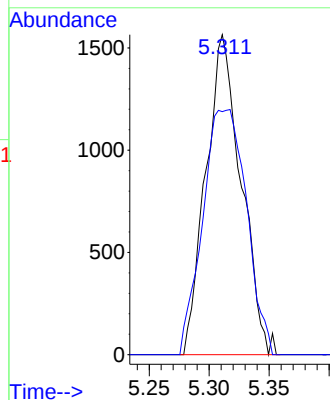
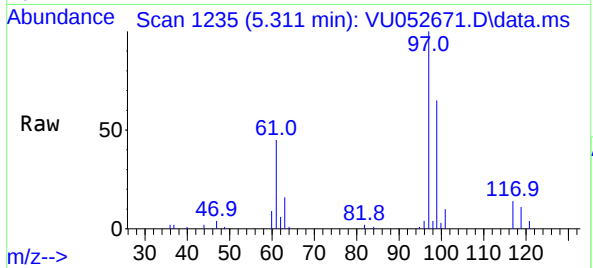




#31
Carbon tetrachloride
Concen: 0.190 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

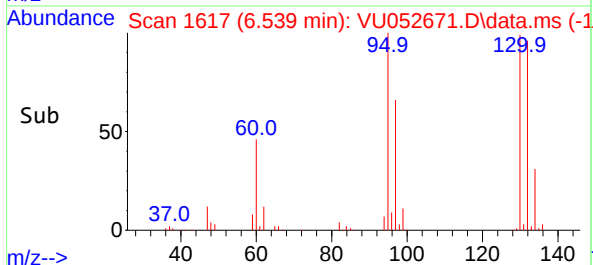
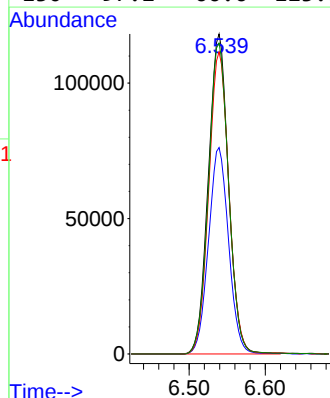
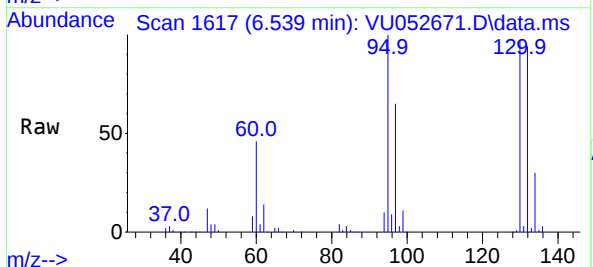
Instrument :
MSVOA_U
ClientSampleId :
VBLK169

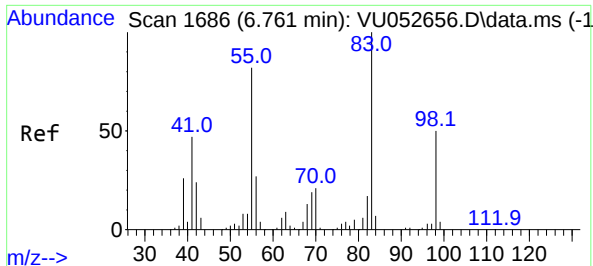
Tgt Ion:117 Resp: 3196
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.8



#34
Trichloroethene
Concen: 16.956 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

Tgt Ion: 95 Resp: 217639
Ion Ratio Lower Upper
95 100
97 64.5 46.0 85.4
132 94.4 64.0 118.8
130 97.2 66.6 123.8





#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052671.D

Acq: 13 Jan 2023 17:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK169

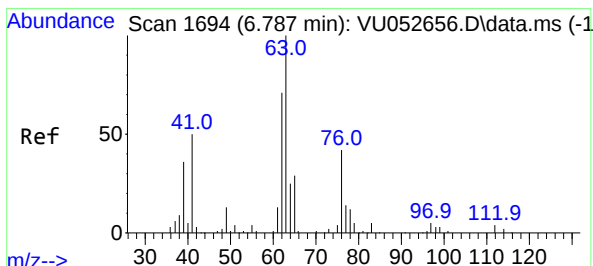
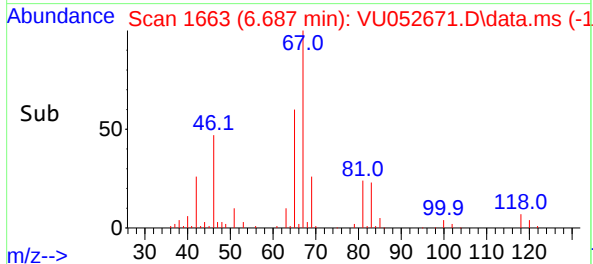
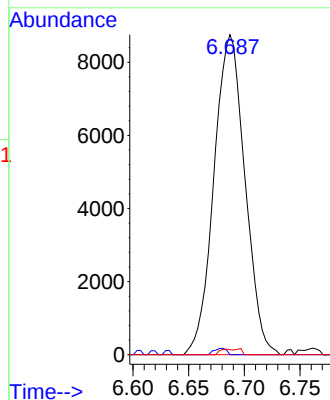
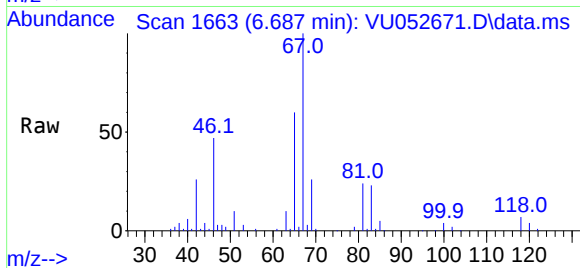
Tgt Ion: 83 Resp: 16947

Ion Ratio Lower Upper

83 100

55 0.8 67.6 101.4#

98 0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU052671.D

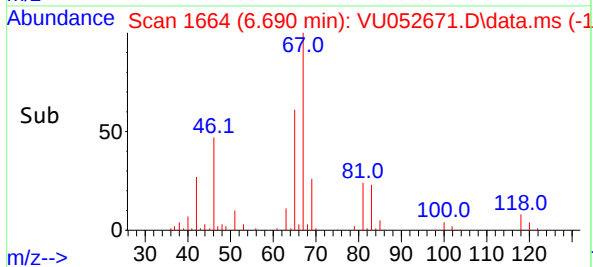
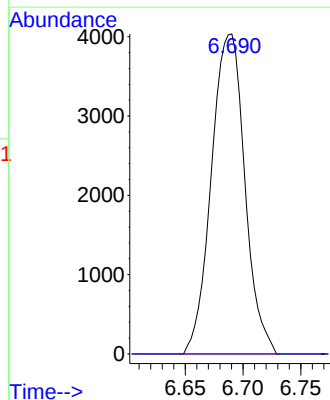
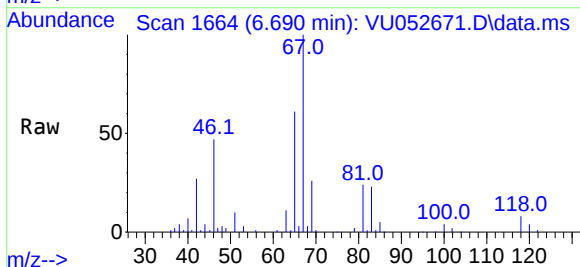
Acq: 13 Jan 2023 17:23

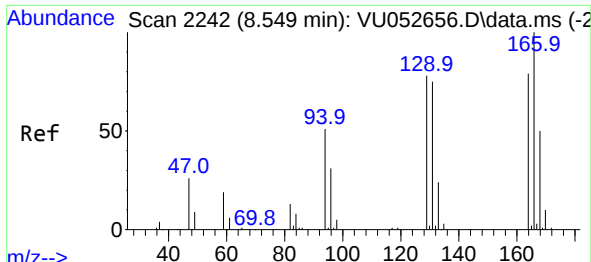
Tgt Ion: 63 Resp: 8125

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

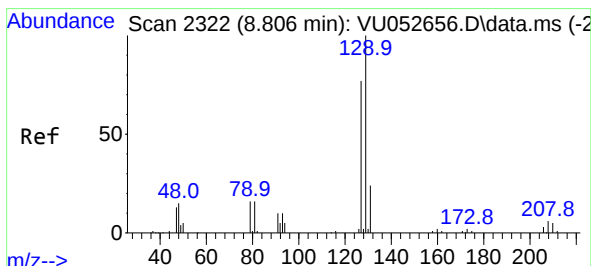
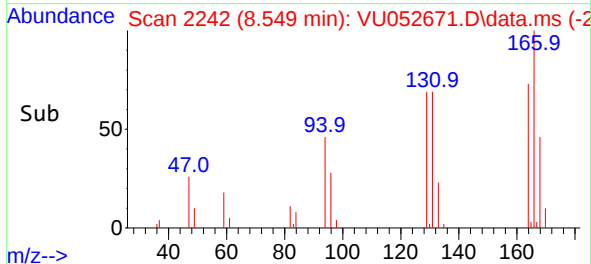
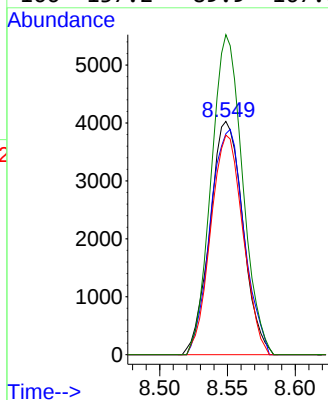
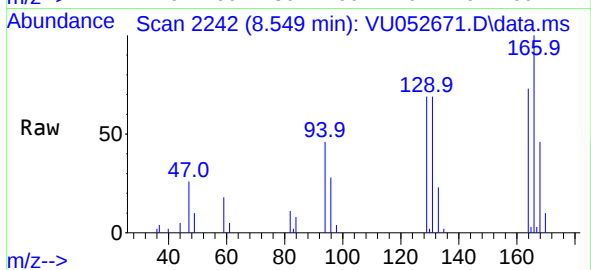




#47
Tetrachloroethene
Concen: 0.721 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

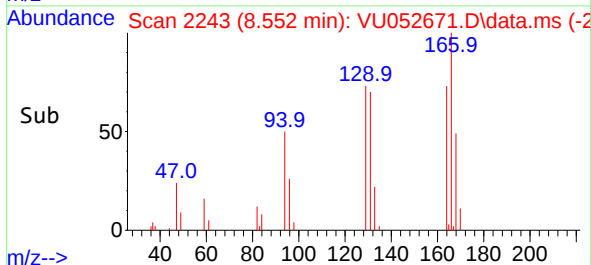
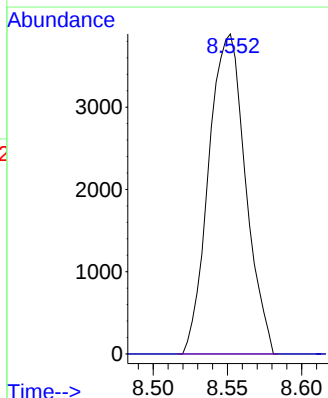
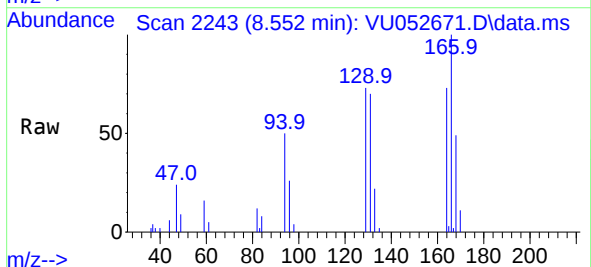
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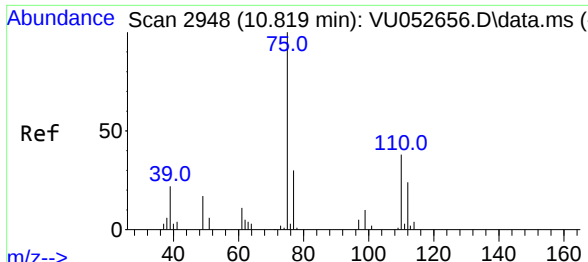
Tgt Ion:164 Resp: 6822
Ion Ratio Lower Upper
164 100
129 94.7 71.8 133.4
131 94.1 66.6 123.6
166 137.2 89.9 167.0



#49
Dibromochloromethane
Concen: 0.633 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052671.D
Acq: 13 Jan 2023 17:23

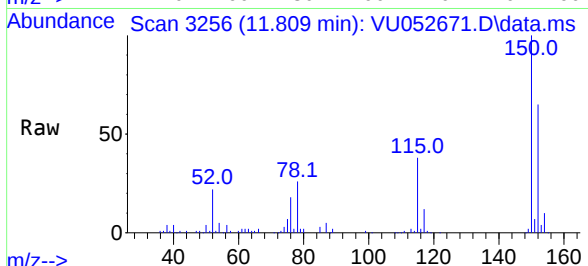
Tgt Ion:129 Resp: 6708
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.982 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052671.D
 Acq: 13 Jan 2023 17:23

Instrument :
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Tgt Ion: 75 Resp: 7356

Ion	Ratio	Lower	Upper
75	100		
110	2.5	27.2	40.8#
77	34.4	24.0	36.0

