

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051284.D
 Acq On : 08 Oct 2022 20:10
 Operator : JC/MD
 Sample : N4899-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H63DL

Quant Time: Oct 08 23:51:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

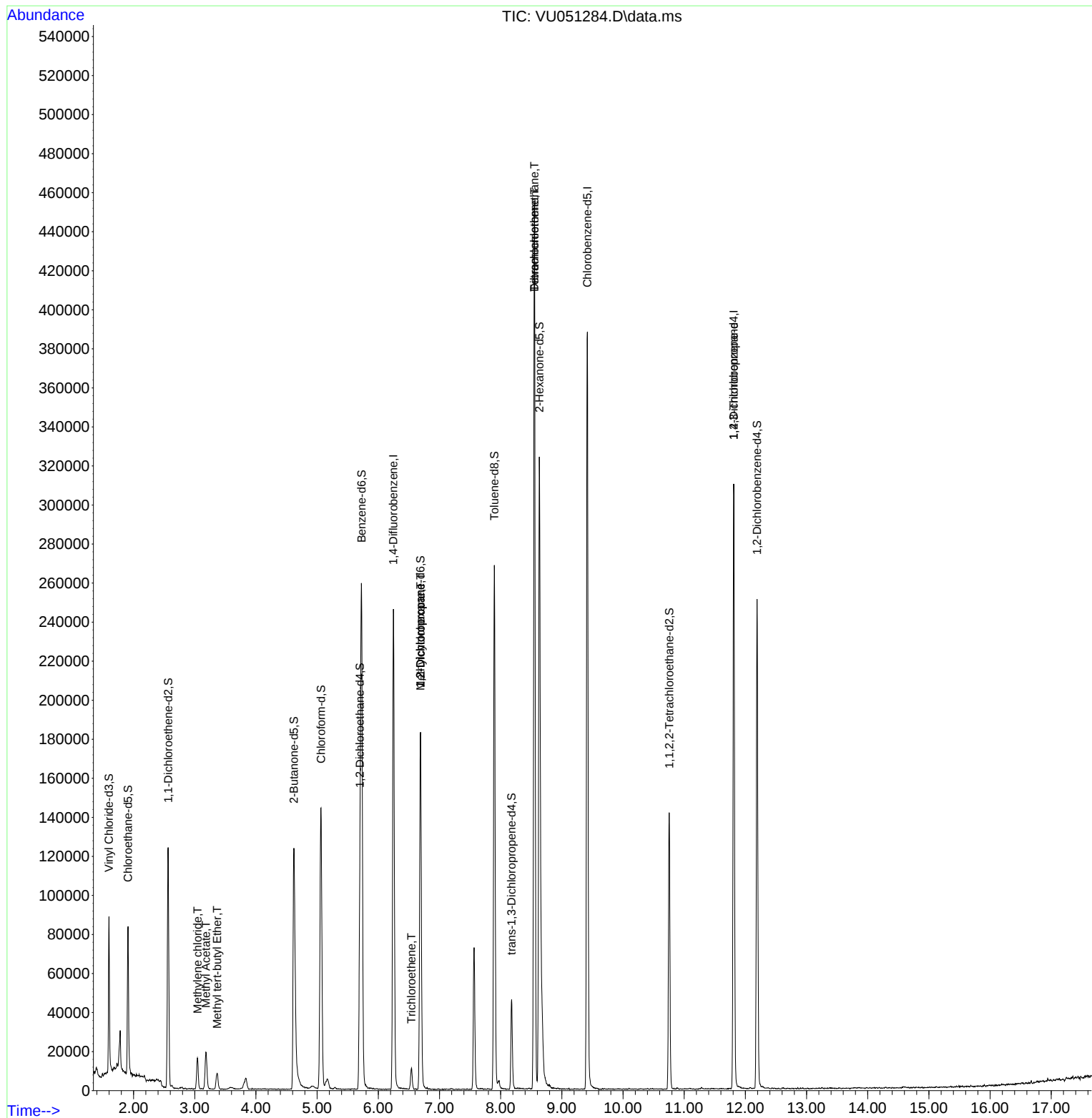
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189498	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58607	3.834	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.909	69	58463	4.451	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.565	65	23811	3.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.620	46	163379	48.547	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.100%	
24) Chloroform-d	5.063	84	136636	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.700	65	73537	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.726	84	241343	4.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.690	67	90116	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.896	98	182233	3.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.179	79	26148	3.956	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.632	63	90192	40.492	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.980%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72712	4.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	65589	4.521	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.182	43	1767	0.288	ug/L #	50
16) Methylene chloride	3.044	84	7594	0.372	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	8093	0.256	ug/L #	69
34) Trichloroethene	6.542	95	3460	0.193	ug/L	95
35) Methylcyclohexane	6.687	83	19899	0.880	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9162	0.465	ug/L #	88
47) Tetrachloroethene	8.552	164	98174	7.446	ug/L	99
49) Dibromochloromethane	8.552	129	98326	6.330	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	10055	0.954	ug/L #	69

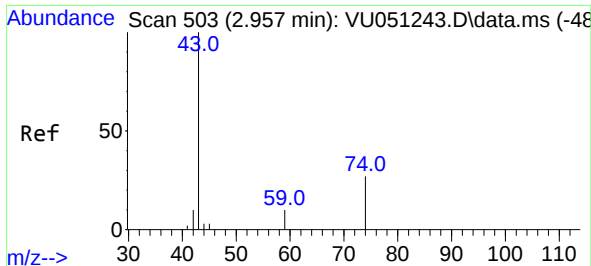
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.288 ug/L

RT: 3.182 min Scan# 51

Delta R.T. 0.225 min

Lab File: VU051284.D

Acq: 08 Oct 2022 20:10

Instrument :

MSVOA_U

ClientSampleId :

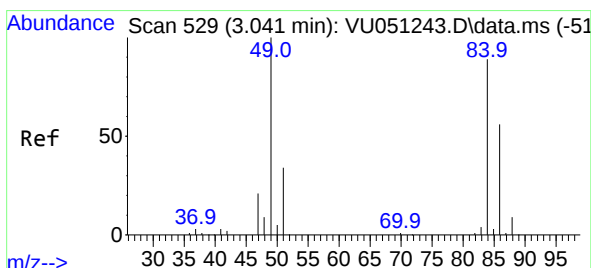
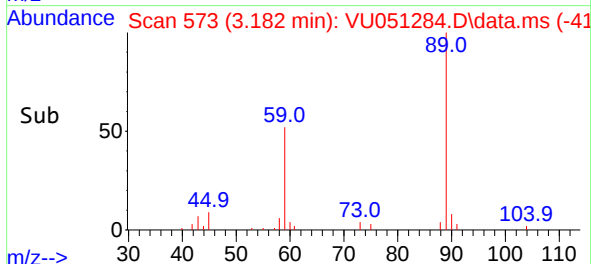
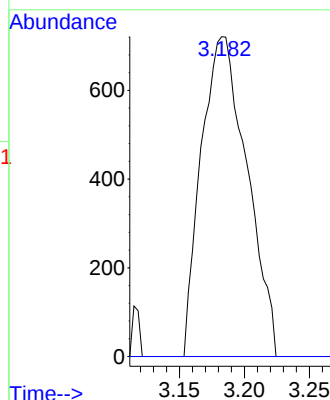
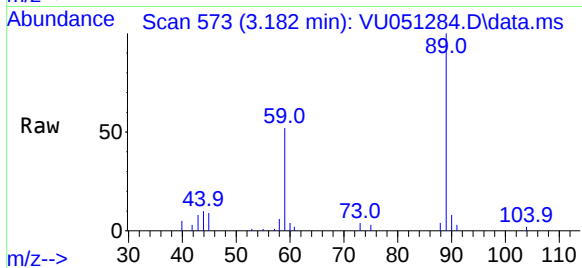
F5H63DL

Tgt Ion: 43 Resp: 1767

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



#16

Methylene chloride

Concen: 0.372 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU051284.D

Acq: 08 Oct 2022 20:10

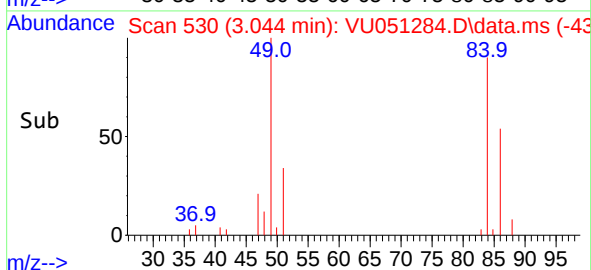
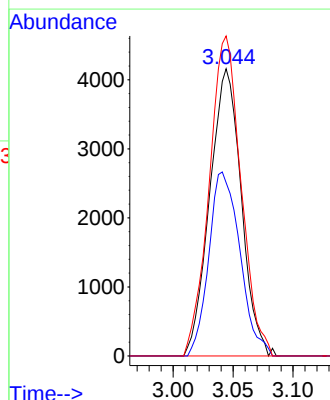
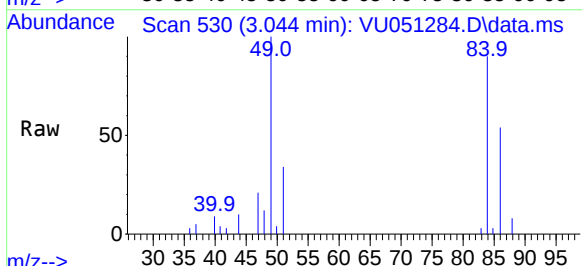
Tgt Ion: 84 Resp: 7594

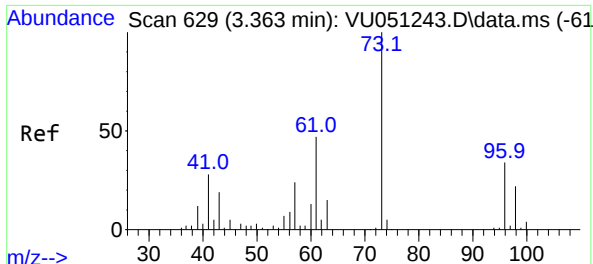
Ion Ratio Lower Upper

84 100

86 60.3 46.5 86.3

49 111.4 81.3 151.1

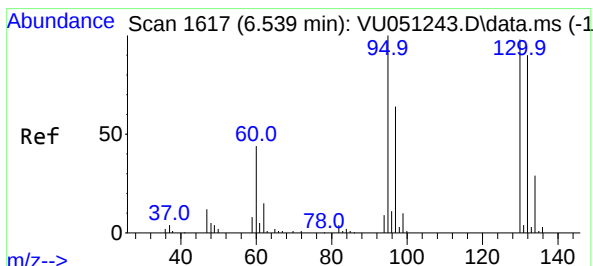
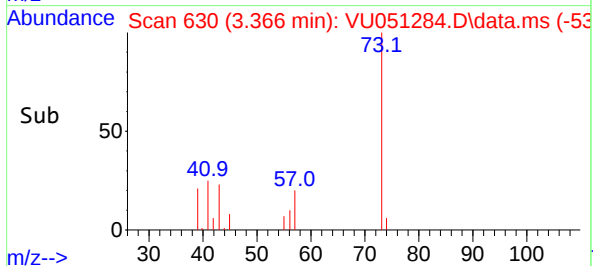
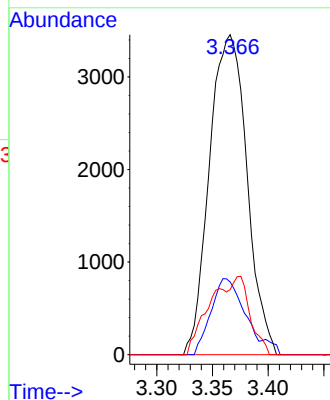
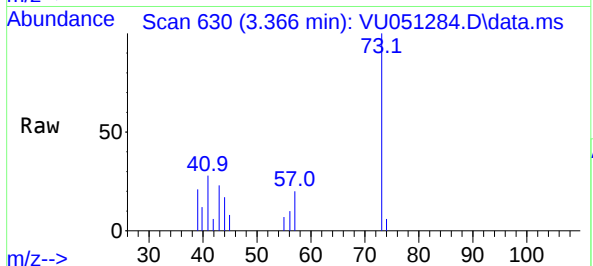




#17
Methyl tert-butyl Ether
Concen: 0.256 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051284.D
Acq: 08 Oct 2022 20:10

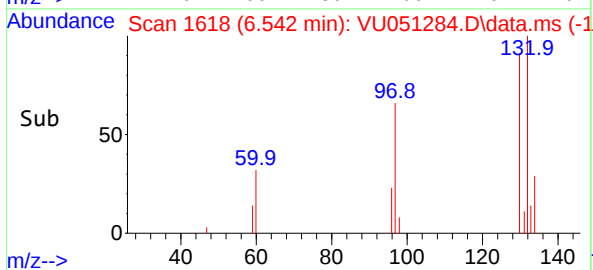
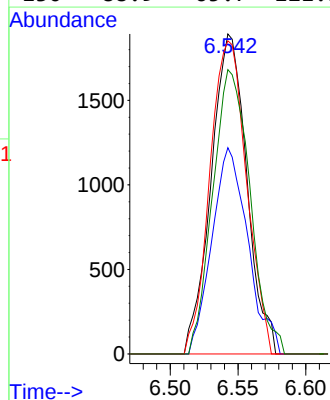
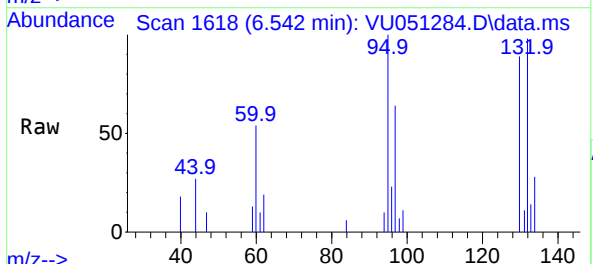
Instrument :
MSVOA_U
ClientSampleId :
F5H63DL

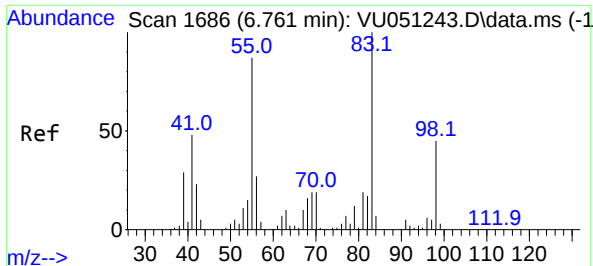
Tgt Ion: 73 Resp: 8093
Ion Ratio Lower Upper
73 100
43 0.0 15.4 23.0#
57 13.1 18.9 28.3#



#34
Trichloroethene
Concen: 0.193 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051284.D
Acq: 08 Oct 2022 20:10

Tgt Ion: 95 Resp: 3460
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.2
132 97.8 63.1 117.3
130 88.9 65.7 121.9





#35

Methylcyclohexane

Concen: 0.880 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051284.D

Acq: 08 Oct 2022 20:10

Instrument :

MSVOA_U

ClientSampleId :

F5H63DL

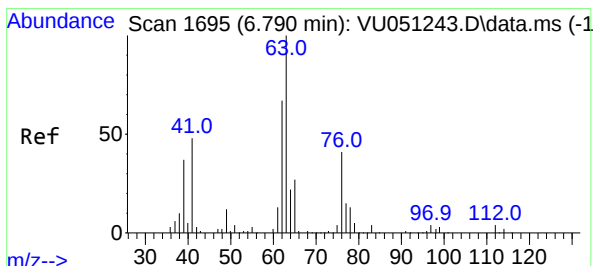
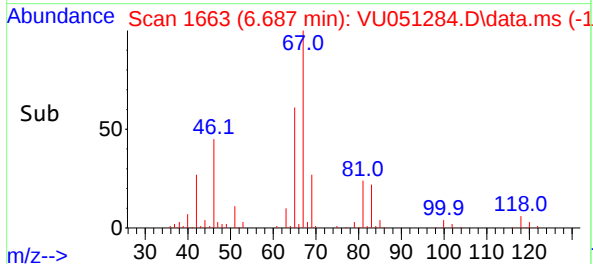
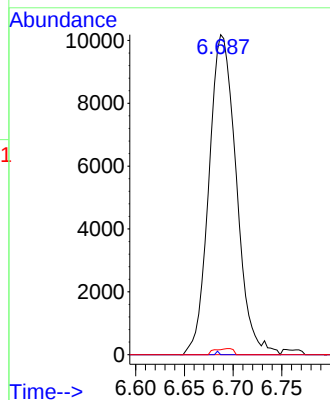
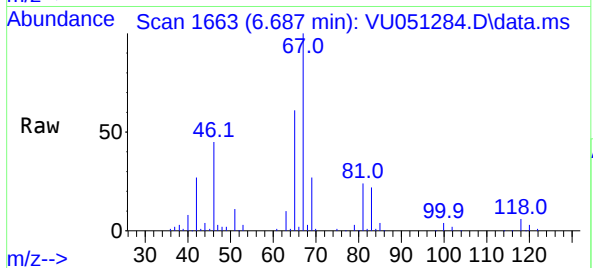
Tgt Ion: 83 Resp: 19899

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 1.3 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.465 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051284.D

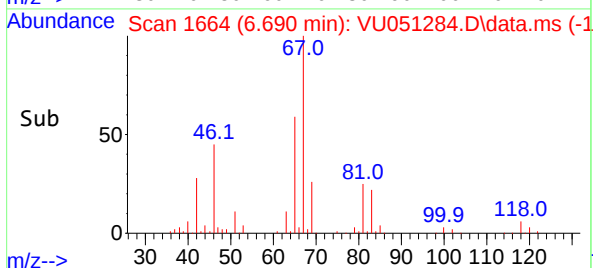
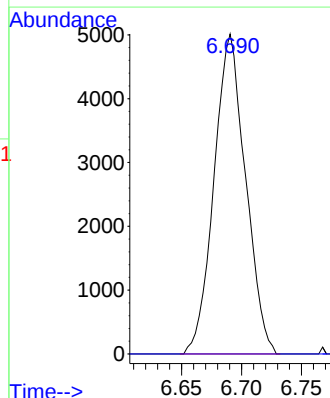
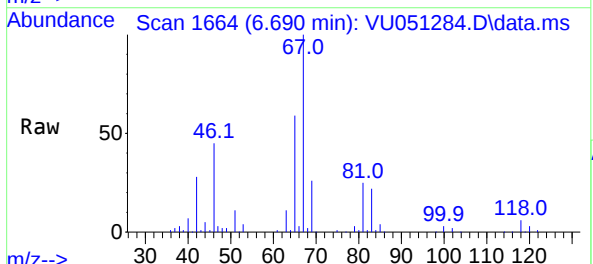
Acq: 08 Oct 2022 20:10

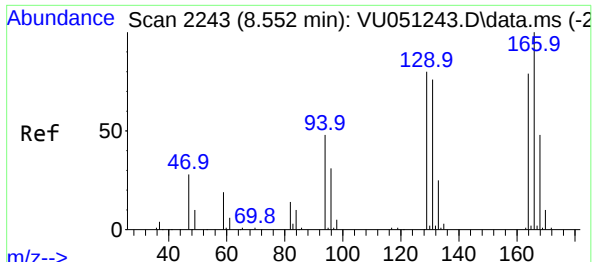
Tgt Ion: 63 Resp: 9162

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

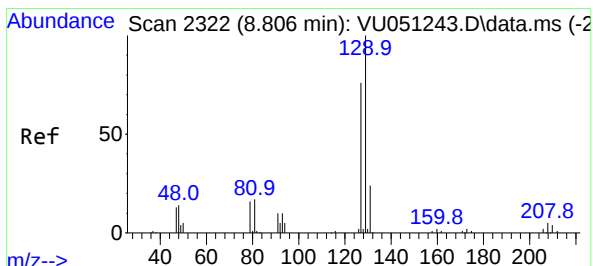
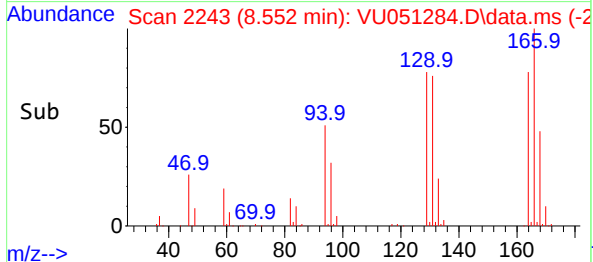
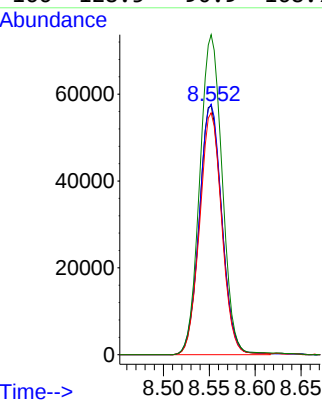
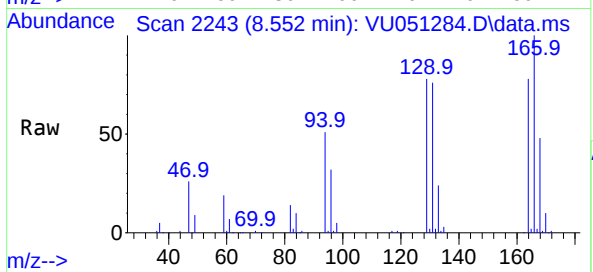




#47
Tetrachloroethene
Concen: 7.446 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051284.D
Acq: 08 Oct 2022 20:10

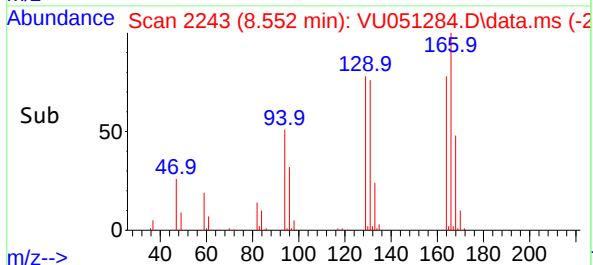
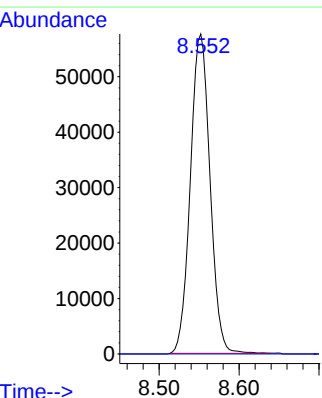
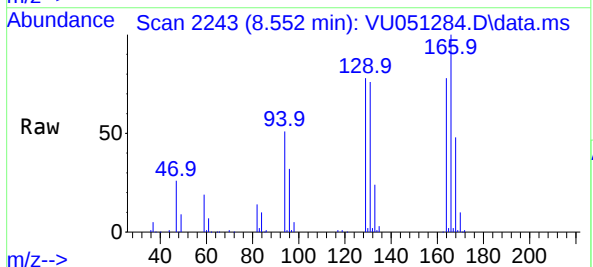
Instrument :
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ClientSampleId :
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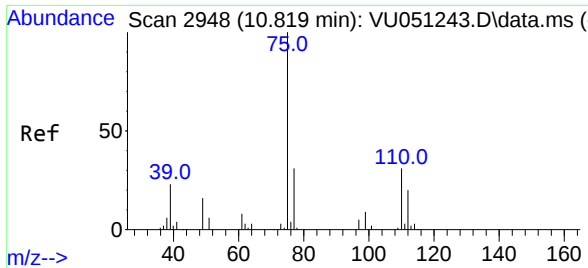
Tgt Ion:164 Resp: 98174
Ion Ratio Lower Upper
164 100
129 100.6 71.3 132.3
131 97.2 66.9 124.3
166 128.5 90.9 168.7



#49
Dibromochloromethane
Concen: 6.330 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051284.D
Acq: 08 Oct 2022 20:10

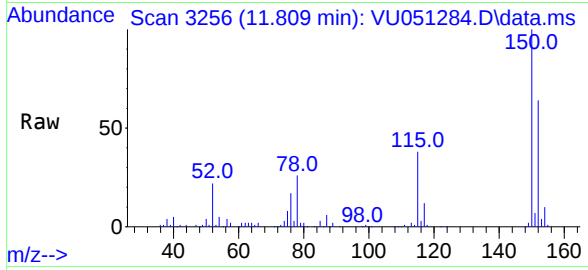
Tgt Ion:129 Resp: 98326
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051284.D
 Acq: 08 Oct 2022 20:10

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H63DL



Tgt Ion: 75 Resp: 10055

Ion	Ratio	Lower	Upper
75	100		
110	1.6	27.0	40.6#
77	35.5	26.4	39.6

