

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051265.D
 Acq On : 08 Oct 2022 11:04
 Operator : JC/MD
 Sample : N4931-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H51

Quant Time: Oct 08 23:49:30 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)

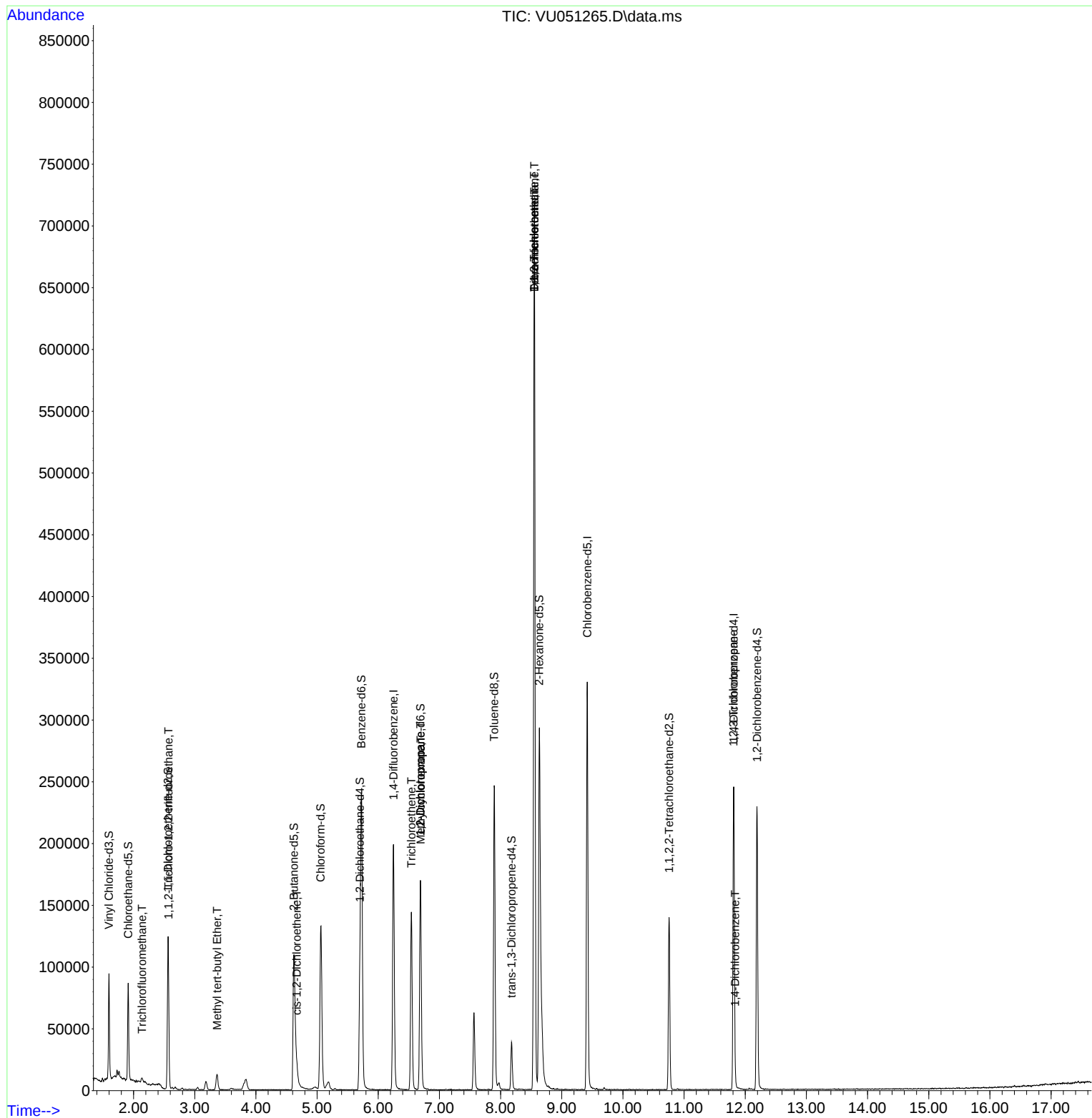
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	158793	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59003	4.606	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.912	69	56258	5.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.565	65	23424	4.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	4.620	46	154531	54.796	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.600%	
24) Chloroform-d	5.060	84	124751	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.700	65	65915	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.726	84	221704	4.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.690	67	84071	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.896	98	166767	3.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.179	79	22119	3.914	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.632	63	79548	41.768	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.540%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	71751	5.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	58866	5.108	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	2115	0.103	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	840	0.068	ug/L #	21
17) Methyl tert-butyl Ether	3.366	73	10873	0.410	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	4393	0.326	ug/L	93
34) Trichloroethene	6.542	95	51108	3.333	ug/L	97
35) Methylcyclohexane	6.694	83	19439	1.005	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	8643	0.513	ug/L #	88
45) 1,1,2-Trichloroethane	8.549	97	1486	0.126	ug/L #	1
47) Tetrachloroethene	8.552	164	150810	13.378	ug/L	99
49) Dibromochloromethane	8.552	129	154745	11.652	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	9511	1.136	ug/L #	64
65) 1,4-Dichlorobenzene	11.835	146	1612	0.079	ug/L #	83

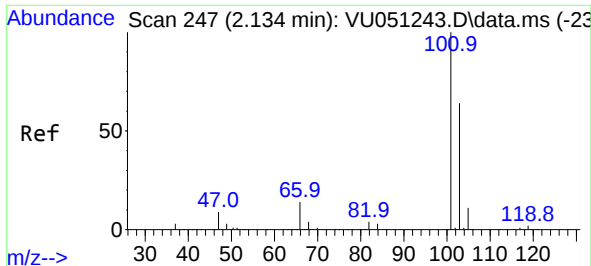
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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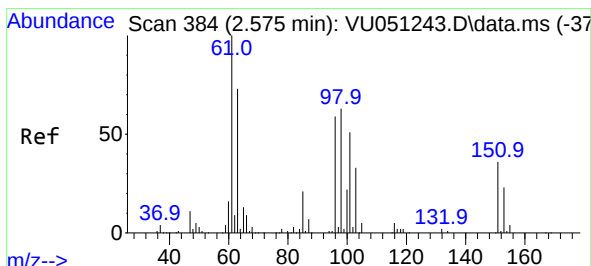
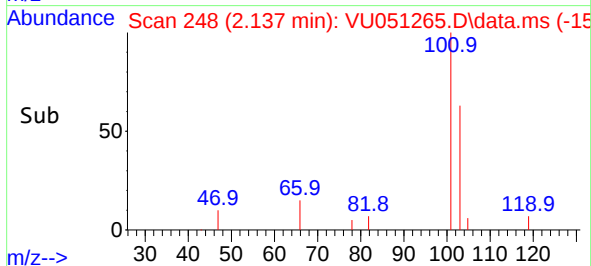
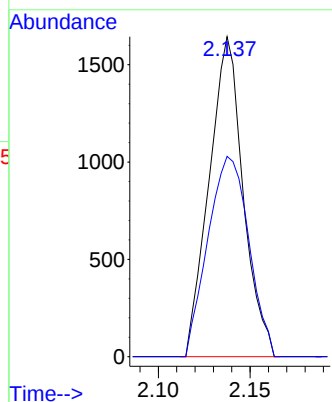
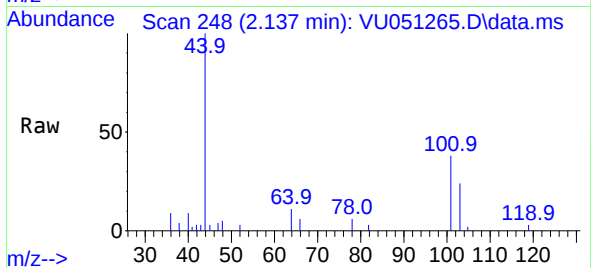




#9
Trichlorofluoromethane
Concen: 0.103 ug/L
RT: 2.137 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

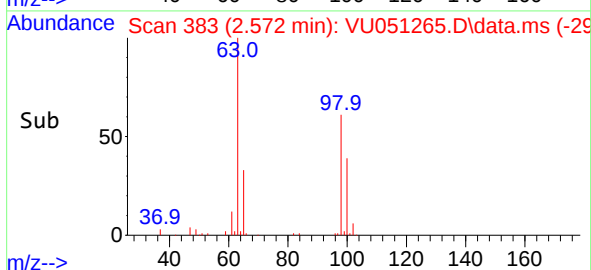
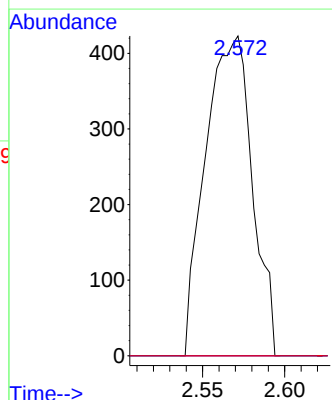
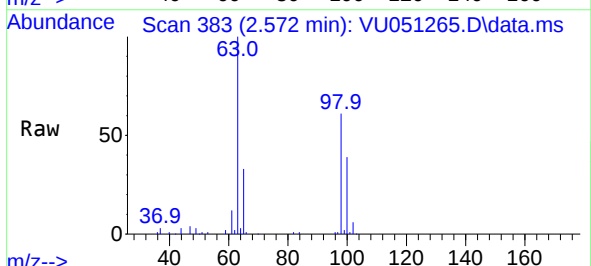
Instrument :
MSVOA_U
ClientSampleId :
F5H51

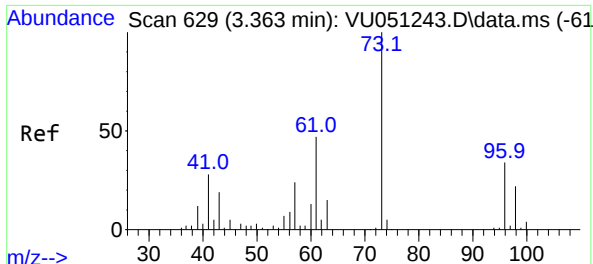
Tgt Ion:101 Resp: 2115
Ion Ratio Lower Upper
101 100
103 75.4 52.2 78.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.068 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Tgt Ion:101 Resp: 840
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



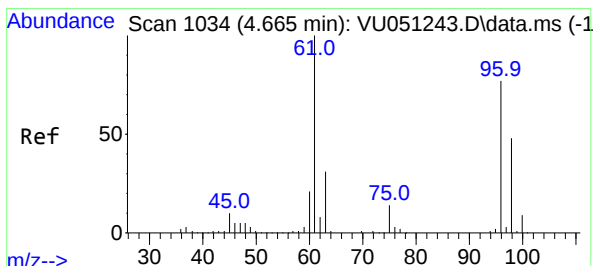
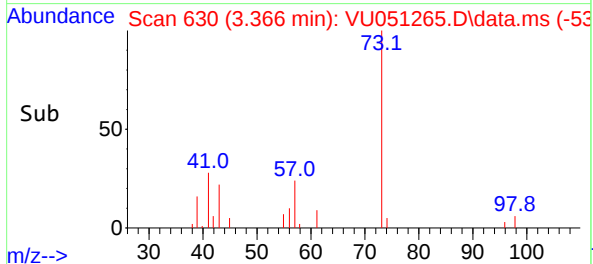
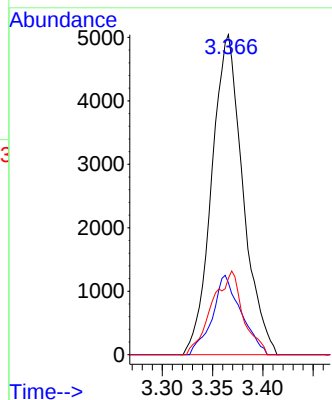
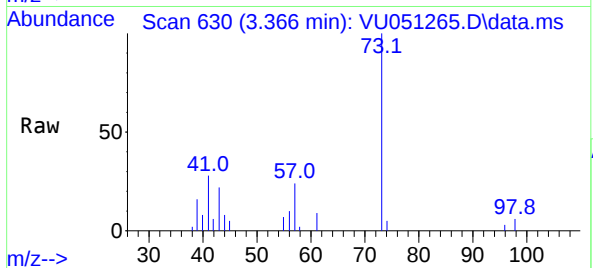


#17
Methyl tert-butyl Ether
Concen: 0.410 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Instrument :
MSVOA_U
ClientSampleId :
F5H51

Tgt Ion: 73 Resp: 10873

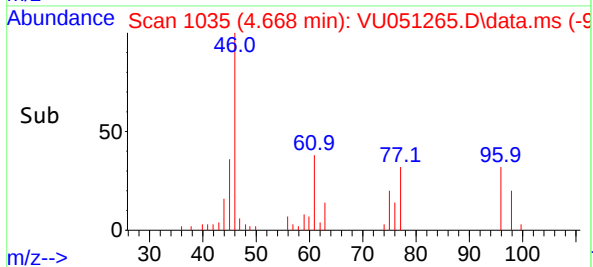
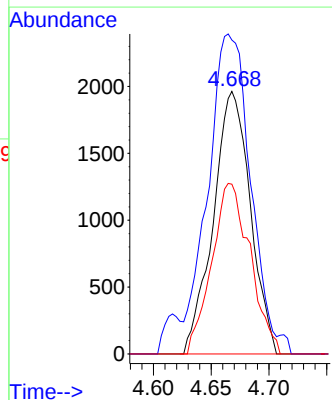
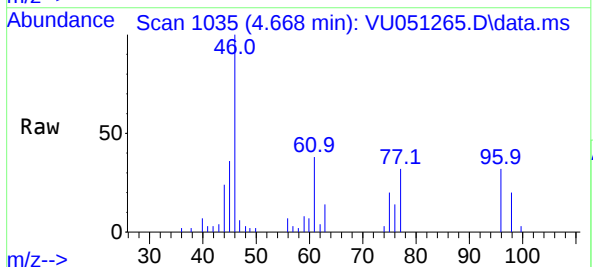
Ion	Ratio	Lower	Upper
73	100		
43	22.9	15.4	23.0
57	26.1	18.9	28.3

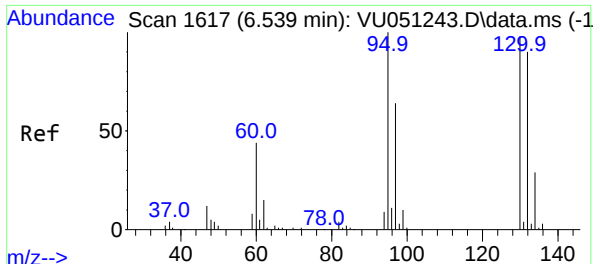


#22
cis-1,2-Dichloroethene
Concen: 0.326 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Tgt Ion: 96 Resp: 4393

Ion	Ratio	Lower	Upper
96	100		
61	119.5	90.6	168.2
98	64.7	47.5	88.3

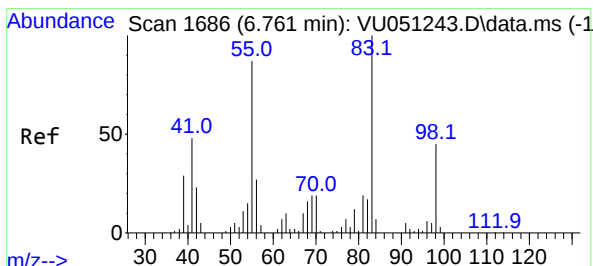
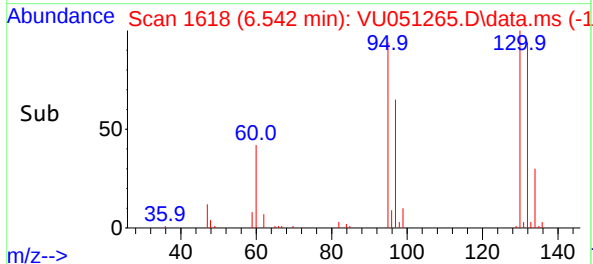
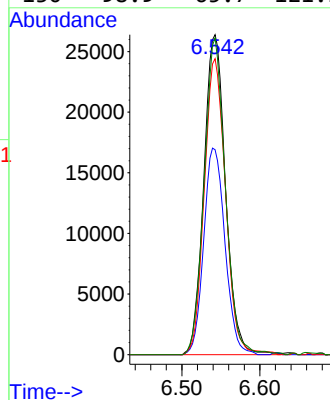
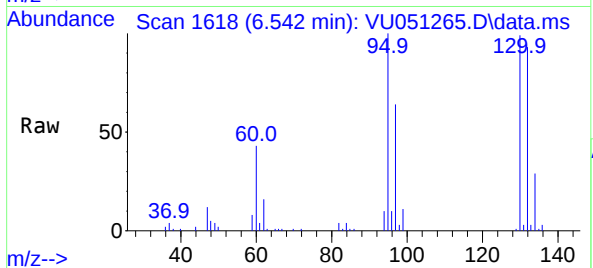




#34
Trichloroethene
Concen: 3.333 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

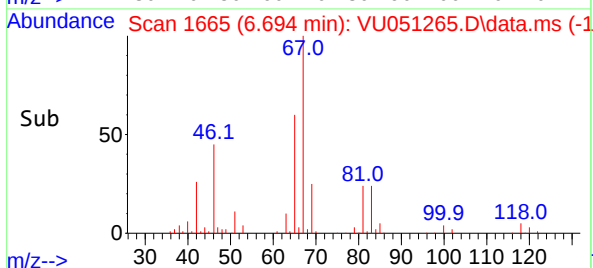
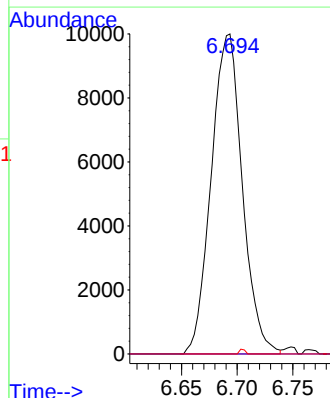
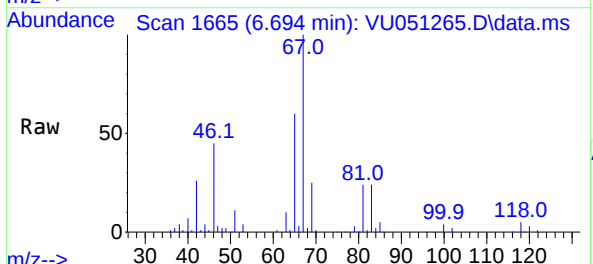
Instrument :
MSVOA_U
ClientSampleId :
F5H51

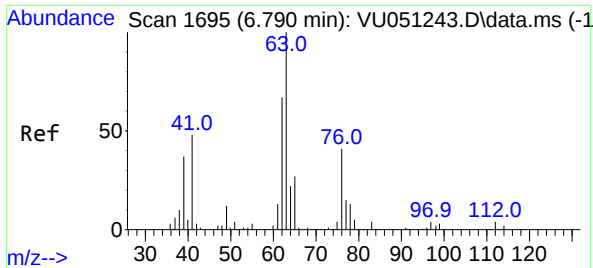
Tgt Ion: 95 Resp: 51108
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.2
132 92.5 63.1 117.3
130 98.9 65.7 121.9



#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Tgt Ion: 83 Resp: 19439
Ion Ratio Lower Upper
83 100
55 0.0 65.8 98.6#
98 0.3 35.9 53.9#

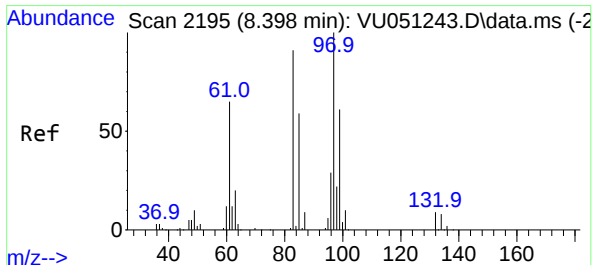
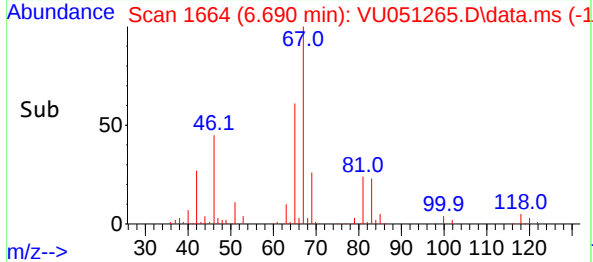
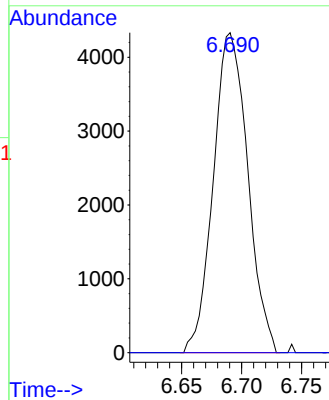
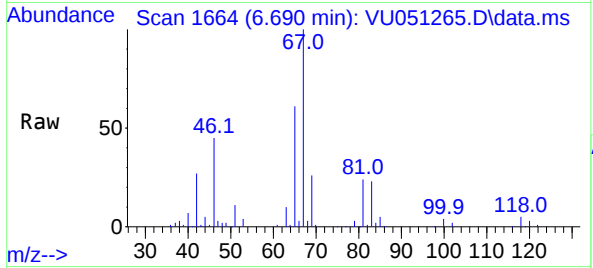




#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

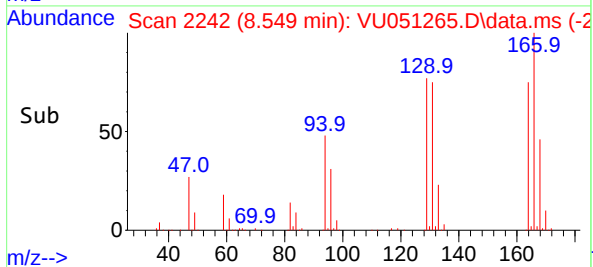
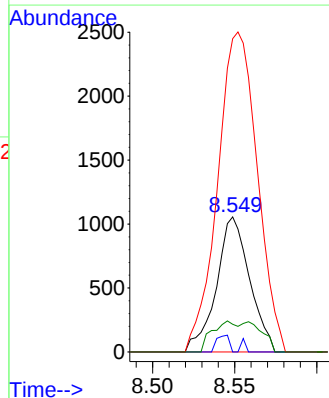
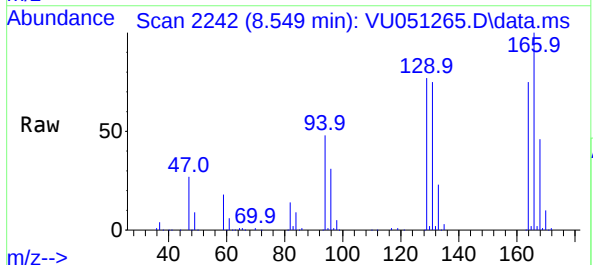
Instrument :
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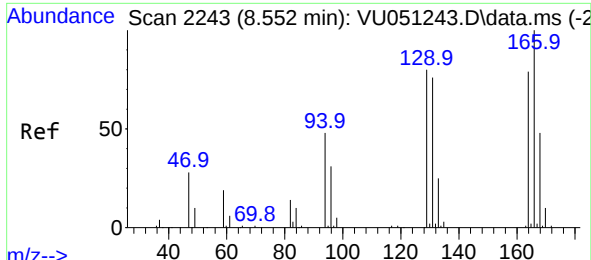
Tgt Ion: 63 Resp: 8643
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#45
1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.151 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Tgt Ion: 97 Resp: 1486
Ion Ratio Lower Upper
97 100
99 0.0 45.3 84.1#
83 231.9 63.1 117.1#
85 20.5 41.8 77.6#

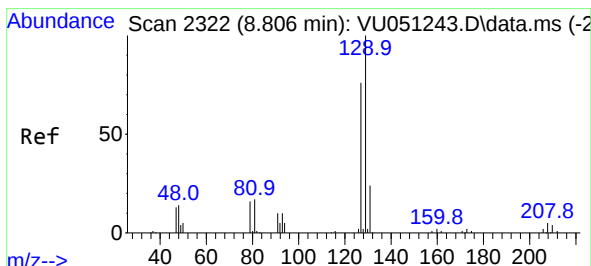
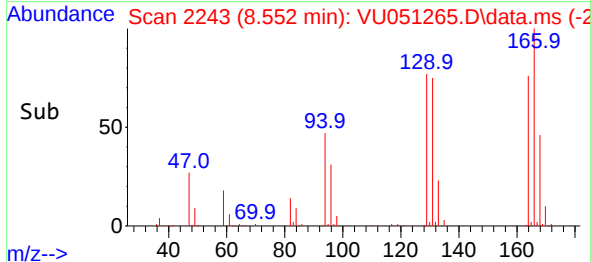
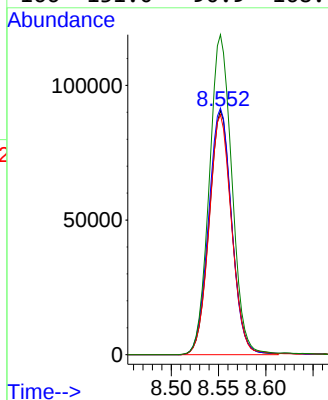
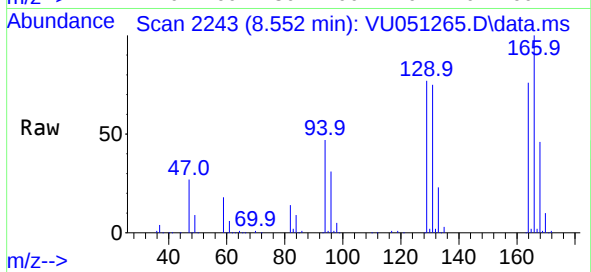




#47
Tetrachloroethene
Concen: 13.378 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

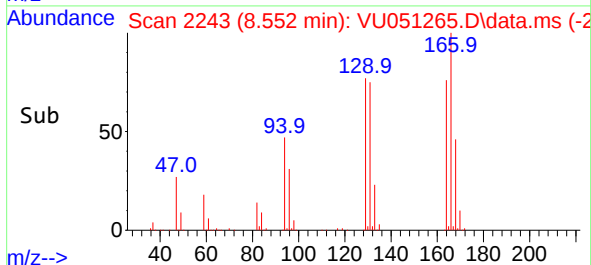
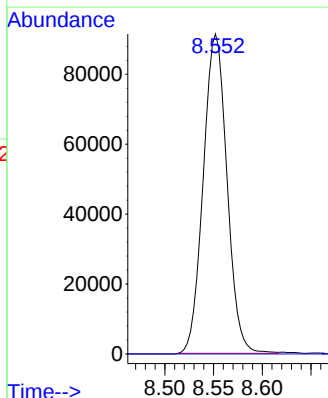
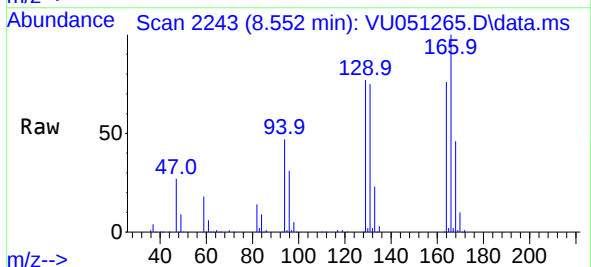
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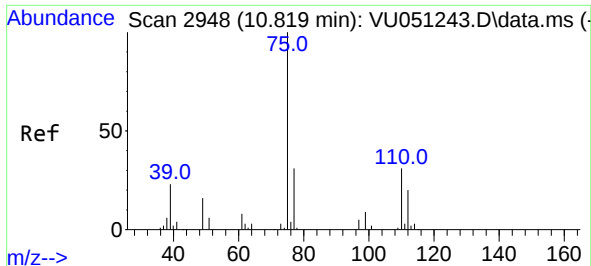
Tgt Ion:164 Resp: 150810
Ion Ratio Lower Upper
164 100
129 100.9 71.3 132.3
131 98.3 66.9 124.3
166 131.0 90.9 168.7



#49
Dibromochloromethane
Concen: 11.652 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051265.D
Acq: 08 Oct 2022 11:04

Tgt Ion:129 Resp: 154745
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU051265.D

Acq: 08 Oct 2022 11:04

Instrument :

MSVOA_U

ClientSampleId :

F5H51

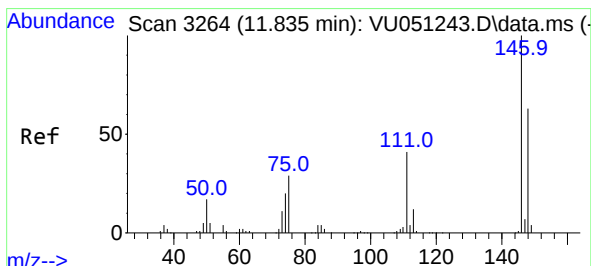
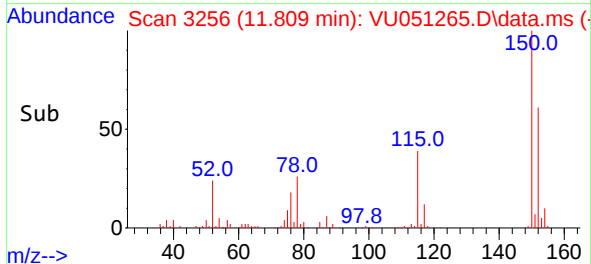
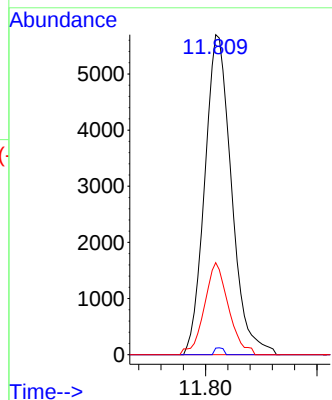
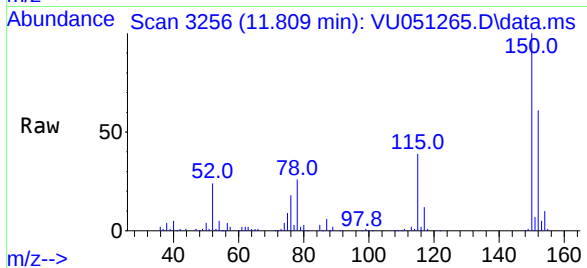
Tgt Ion: 75 Resp: 9511

Ion Ratio Lower Upper

75 100

110 0.7 27.0 40.6#

77 25.9 26.4 39.6#



#65

1,4-Dichlorobenzene

Concen: 0.079 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU051265.D

Acq: 08 Oct 2022 11:04

Tgt Ion:146 Resp: 1612

Ion Ratio Lower Upper

146 100

111 25.9 29.1 54.1#

148 72.7 44.2 82.0

