

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051847.D
 Acq On : 14 Nov 2022 20:29
 Operator : JC/MD
 Sample : N5592-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:06:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

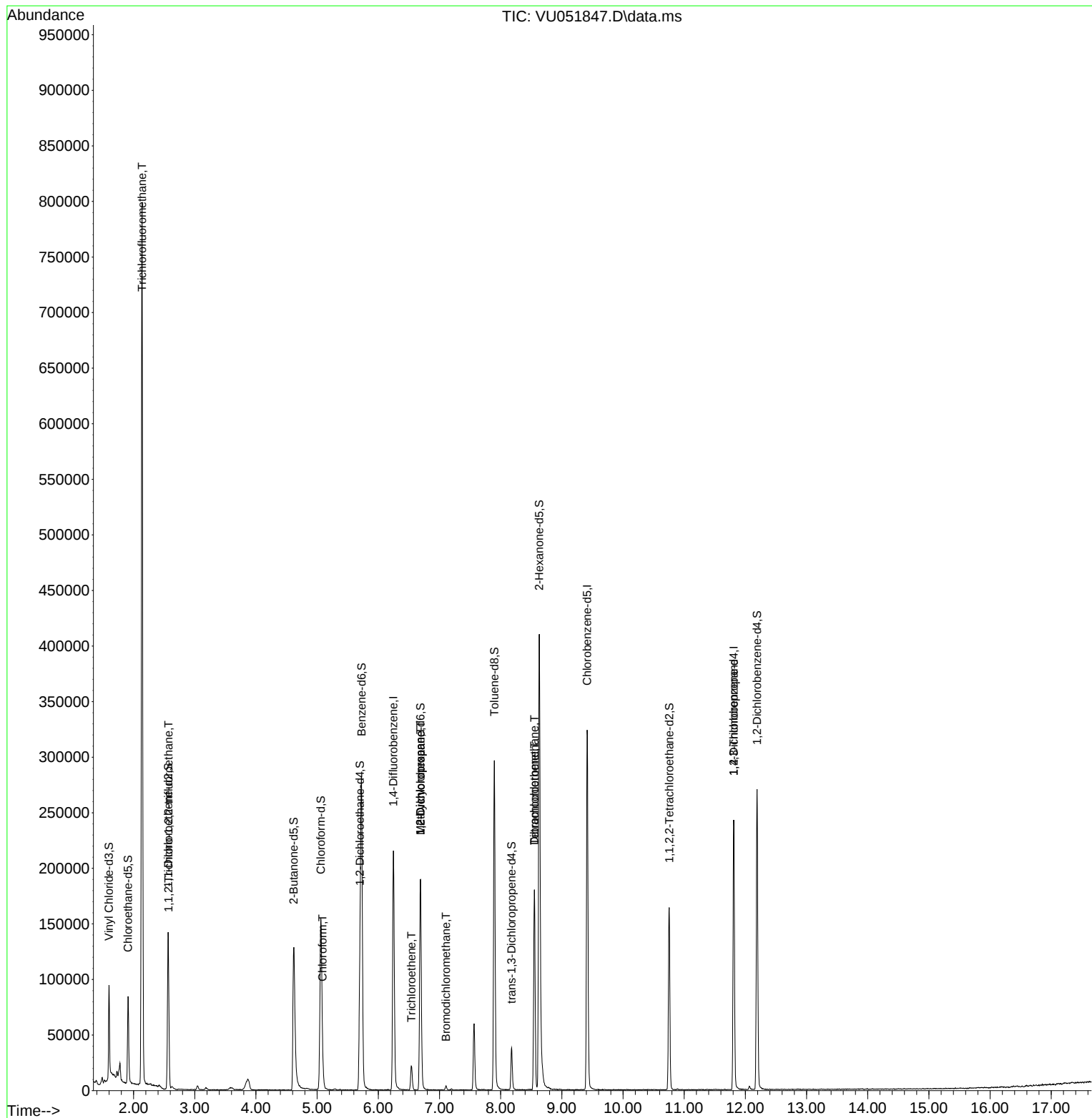
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	180038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	184450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60253	4.444	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.909	69	62772	4.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.565	65	27028	5.492	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.800%	
20) 2-Butanone-d5	4.617	46	187892	38.262	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.520%	
24) Chloroform-d	5.060	84	146040	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.700	65	75312	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	5.726	84	275544	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.687	67	95769	4.705	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.896	98	207523	4.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.179	79	21659	3.480	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.629	63	132861	35.464	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.920%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87379	4.685	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75199	6.029	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.600%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	522061	20.003	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	894	0.058	ug/L #	19
25) Chloroform	5.086	83	14643	0.456	ug/L	91
34) Trichloroethene	6.543	95	7752	0.441	ug/L	94
35) Methylcyclohexane	6.687	83	21530	0.886	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9701	0.518	ug/L #	89
38) Bromodichloromethane	7.105	83	2598	0.114	ug/L	94
47) Tetrachloroethene	8.552	164	40976	3.046	ug/L	93
49) Dibromochloromethane	8.552	129	41521	2.649	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7814	0.889	ug/L #	68

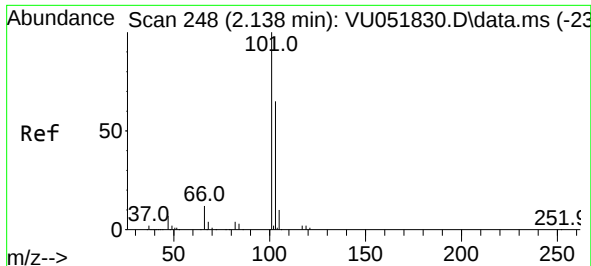
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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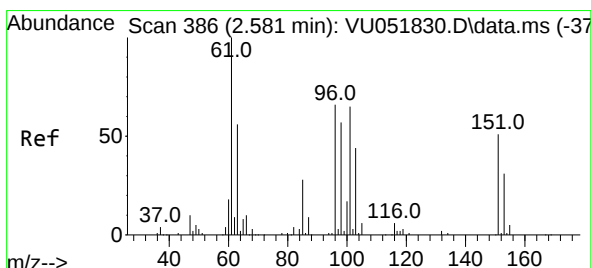
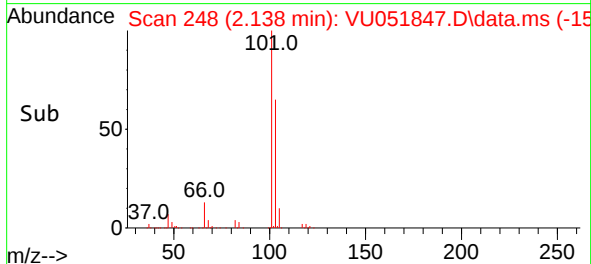
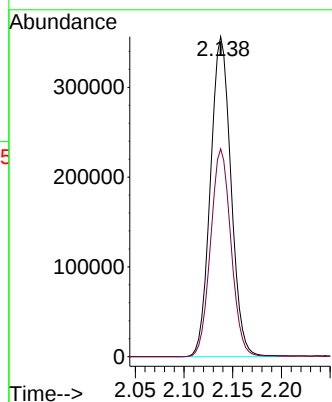
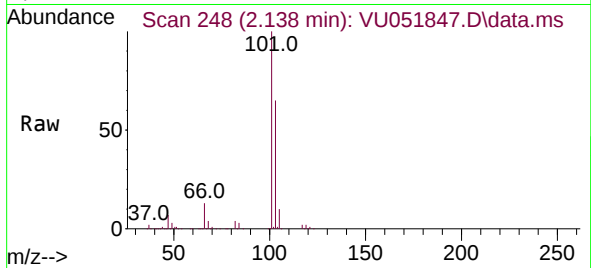




#9
 Trichlorofluoromethane
 Concen: 20.003 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051847.D
 Acq: 14 Nov 2022 20:29

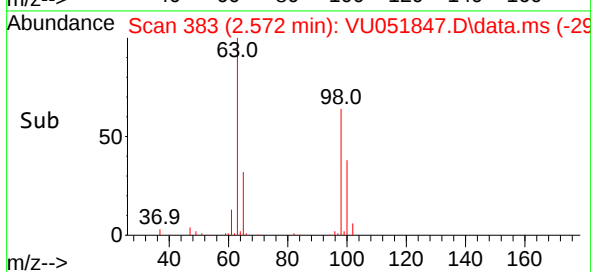
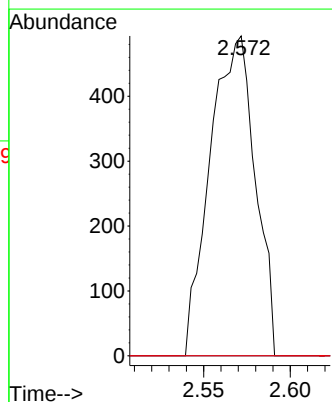
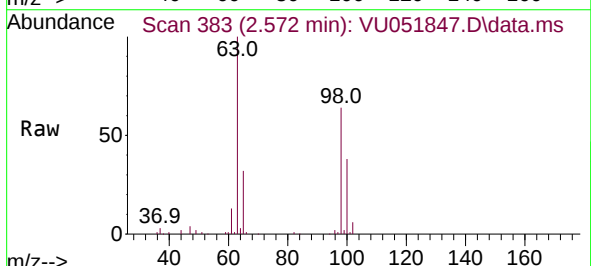
Instrument :
 MSVOA_U
 ClientSampleId :

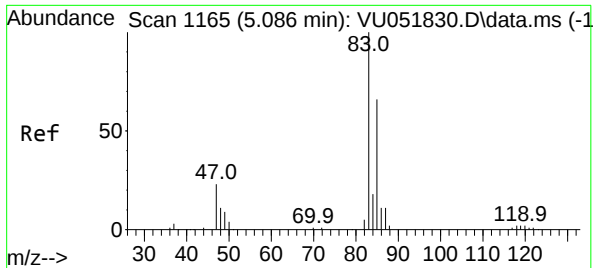
Tgt Ion:101 Resp: 522061
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.058 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU051847.D
 Acq: 14 Nov 2022 20:29

Tgt Ion:101 Resp: 894
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#

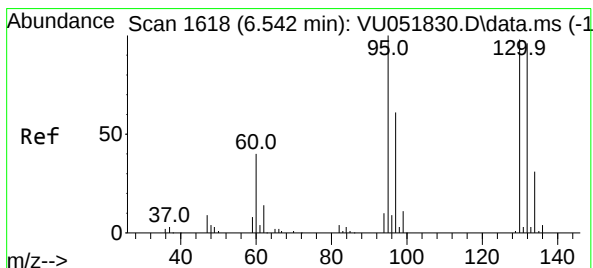
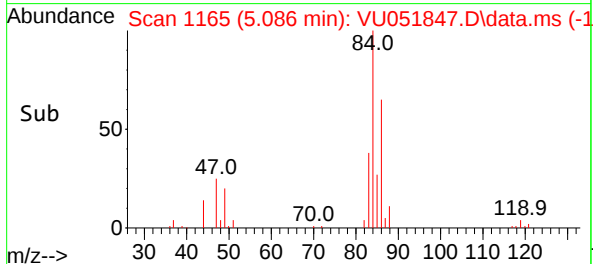
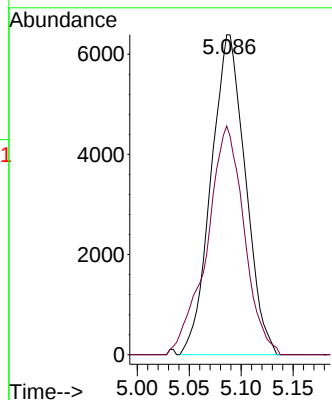
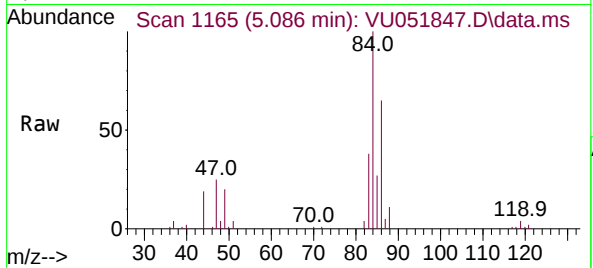




#25
Chloroform
Concen: 0.456 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051847.D
Acq: 14 Nov 2022 20:29

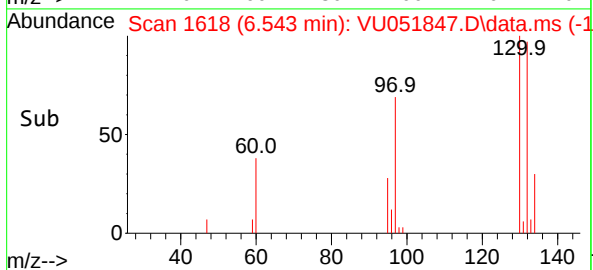
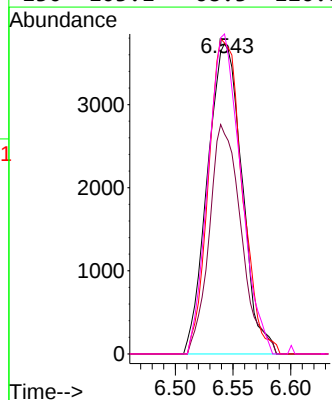
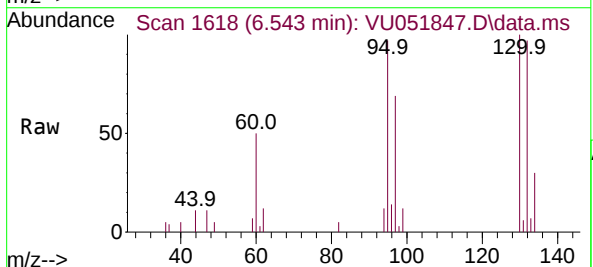
Instrument :
MSVOA_U
ClientSampleId :

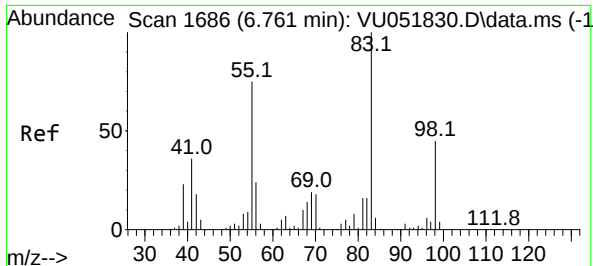
Tgt Ion: 83 Resp: 14643
Ion Ratio Lower Upper
83 100
85 71.4 45.2 84.0



#34
Trichloroethene
Concen: 0.441 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051847.D
Acq: 14 Nov 2022 20:29

Tgt Ion: 95 Resp: 7752
Ion Ratio Lower Upper
95 100
97 70.9 45.2 84.0
132 100.2 66.5 123.5
130 103.1 68.3 126.8

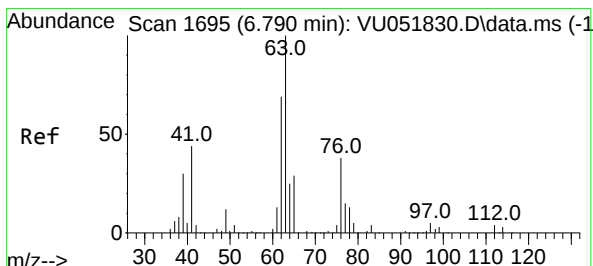
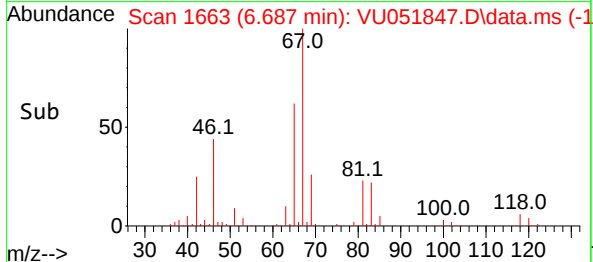
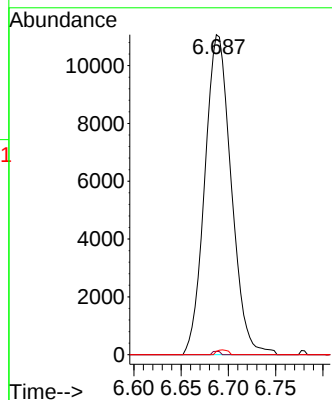
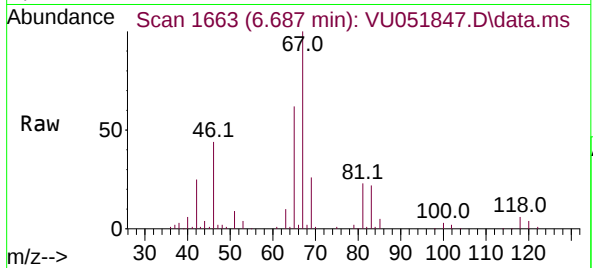




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051847.D
Acq: 14 Nov 2022 20:29

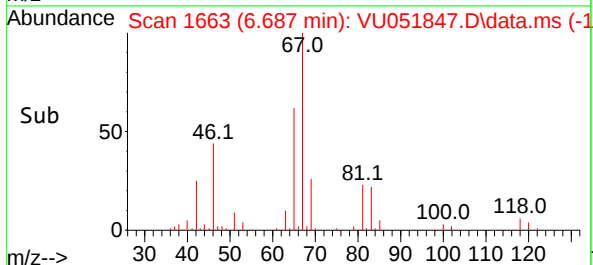
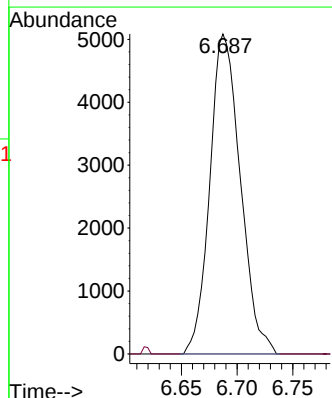
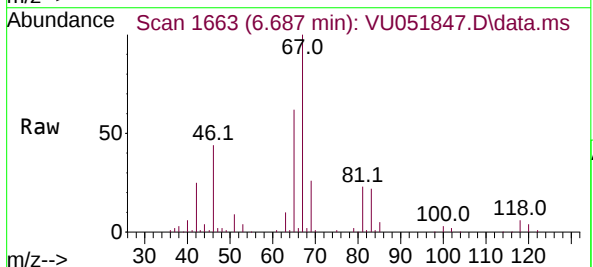
Instrument :
MSVOA_U
ClientSampleId :

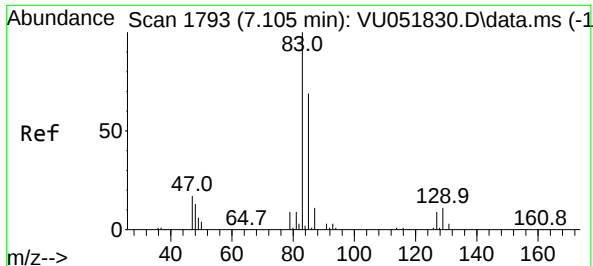
Tgt Ion: 83 Resp: 21530
Ion Ratio Lower Upper
83 100
55 0.3 60.6 90.8#
98 0.6 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU051847.D
Acq: 14 Nov 2022 20:29

Tgt Ion: 63 Resp: 9701
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.114 ug/L

RT: 7.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051847.D

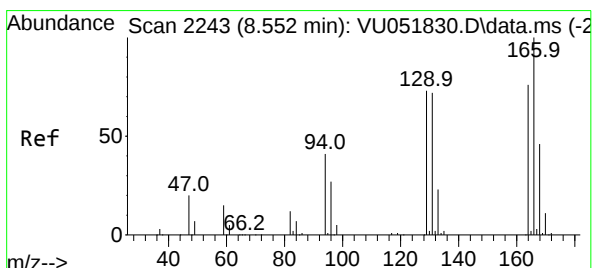
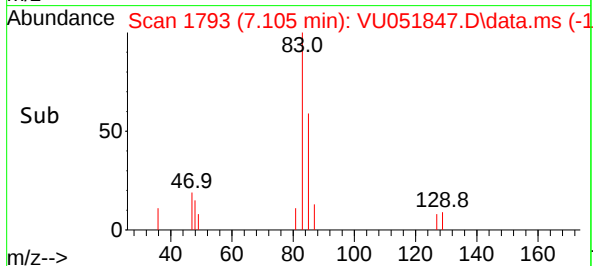
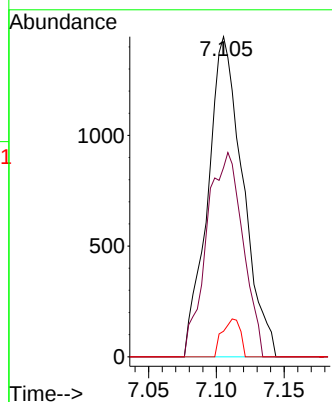
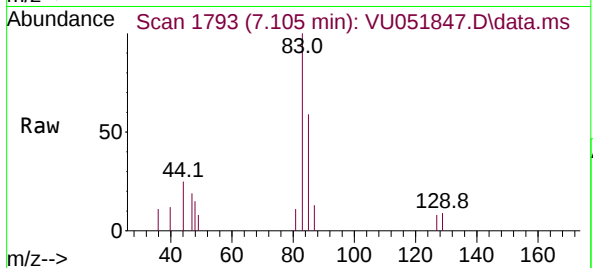
Acq: 14 Nov 2022 20:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 2598
Ion Ratio	Lower Upper
83 100	
85 59.1	45.1 83.7
127 8.0	6.6 9.8



#47

Tetrachloroethene

Concen: 3.046 ug/L

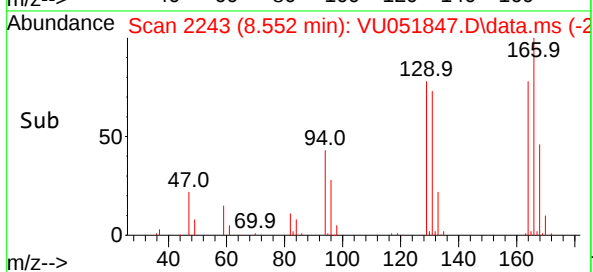
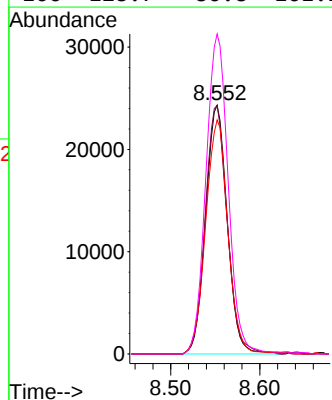
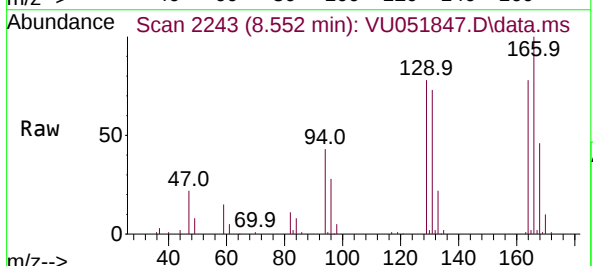
RT: 8.552 min Scan# 2243

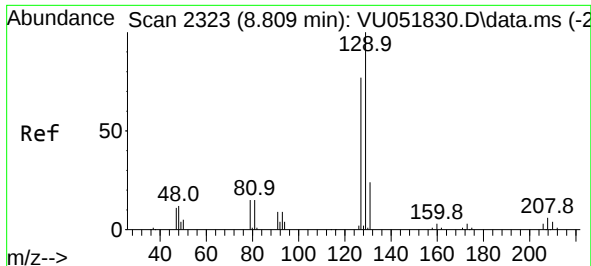
Delta R.T. 0.000 min

Lab File: VU051847.D

Acq: 14 Nov 2022 20:29

Tgt Ion: 164	Resp: 40976
Ion Ratio	Lower Upper
164 100	
129 100.0	64.0 118.8
131 94.1	60.7 112.7
166 128.7	86.8 161.2





#49

Dibromochloromethane

Concen: 2.649 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU051847.D

Acq: 14 Nov 2022 20:29

Instrument :

MSVOA_U

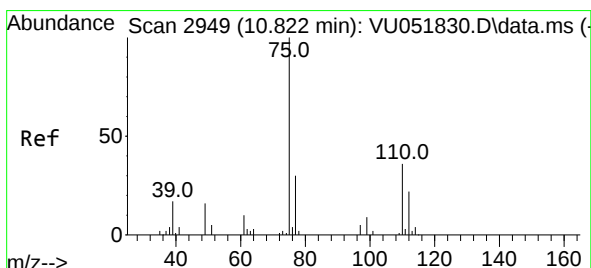
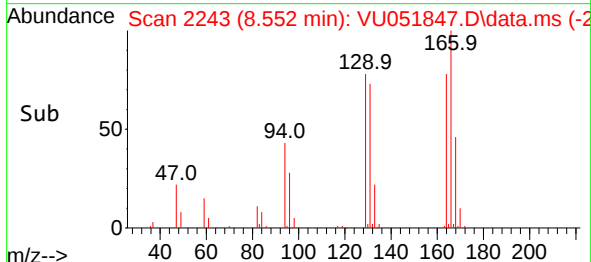
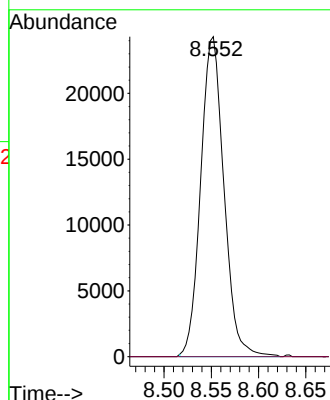
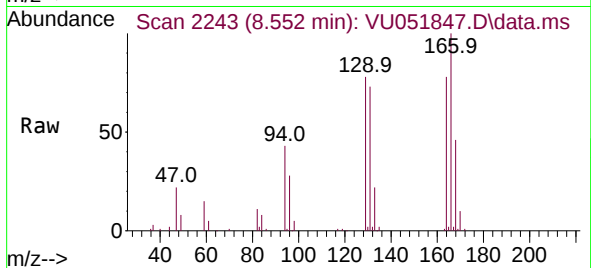
ClientSampleId :

Tgt Ion:129 Resp: 41521

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.889 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051847.D

Acq: 14 Nov 2022 20:29

Tgt Ion: 75 Resp: 7814

Ion Ratio Lower Upper

75 100

110 0.6 28.7 43.1#

77 32.0 26.1 39.1

