

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051843.D
 Acq On : 14 Nov 2022 18:49
 Operator : JC/MD
 Sample : N5592-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:05:33 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

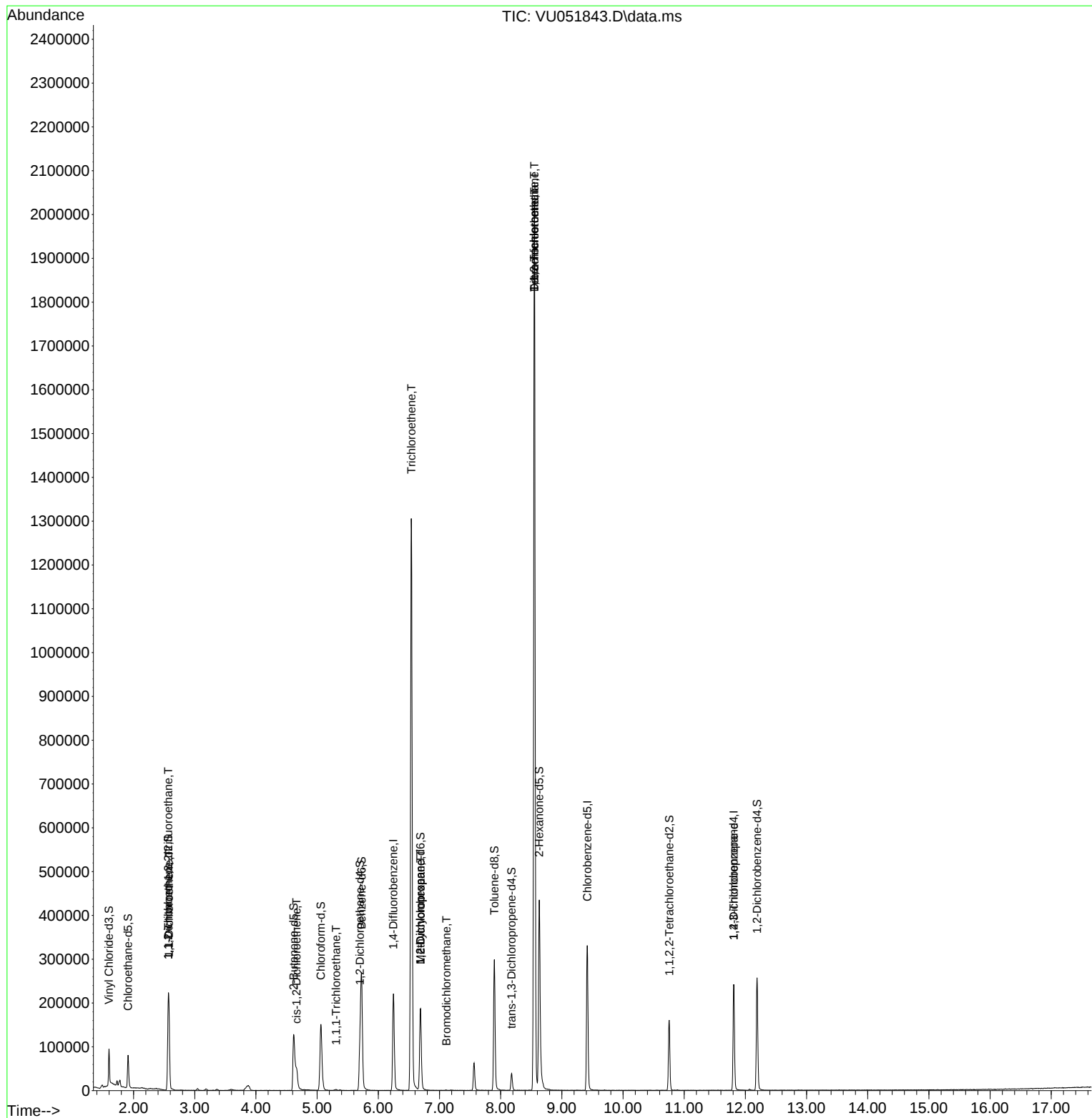
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58136	4.139	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.909	69	60413	4.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.400%	
11) 1,1-Dichloroethene-d2	2.565	65	24973	4.899	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.000%	
20) 2-Butanone-d5	4.616	46	184215	36.216	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.440%	
24) Chloroform-d	5.060	84	140876	4.286	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.700	65	73266	4.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
32) Benzene-d6	5.726	84	268058	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.690	67	95284	4.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.896	98	207048	4.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.179	79	22850	3.493	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.800%	
46) 2-Hexanone-d5	8.629	63	142160	36.104	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.200%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83805	4.275	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75005	5.951	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	942	0.059	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	49793	3.071	ug/L #	83
22) cis-1,2-Dichloroethene	4.665	96	20114	1.045	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	1322	0.050	ug/L #	67
34) Trichloroethene	6.539	95	456675	24.735	ug/L	99
35) Methylcyclohexane	6.690	83	21240	0.832	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	9512	0.483	ug/L #	88
38) Bromodichloromethane	7.112	83	970	0.040	ug/L #	92
45) 1,1,2-Trichloroethane	8.549	97	3514	0.244	ug/L #	1
47) Tetrachloroethene	8.552	164	460678	32.580	ug/L	96
49) Dibromochloromethane	8.552	129	441284	26.789	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7847	0.884	ug/L #	66

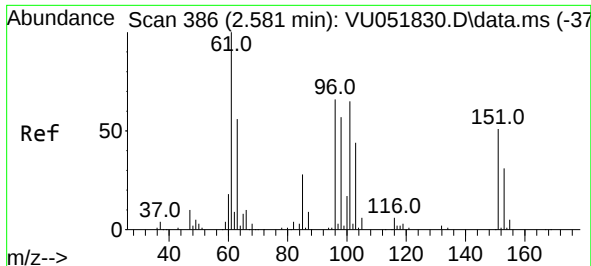
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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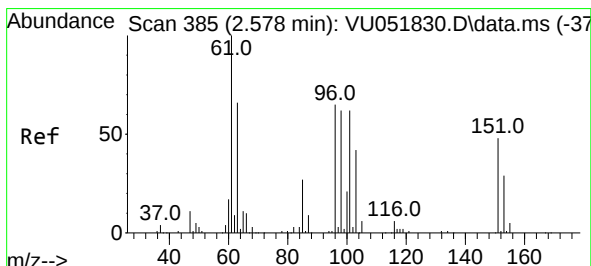
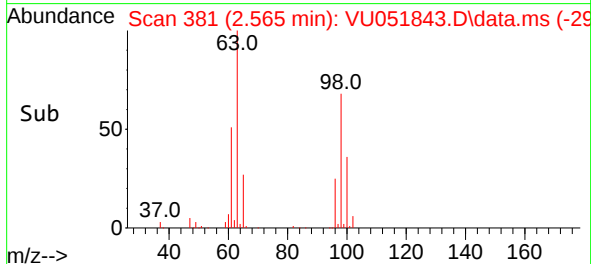
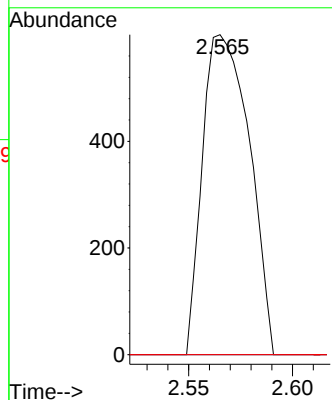
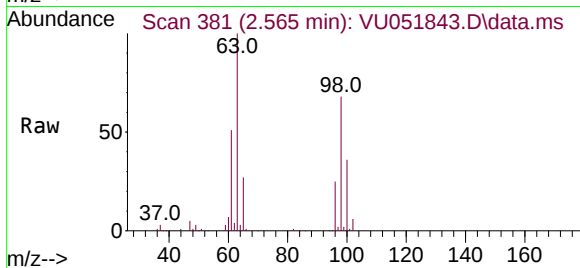




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

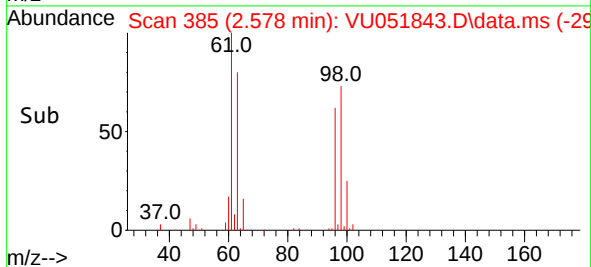
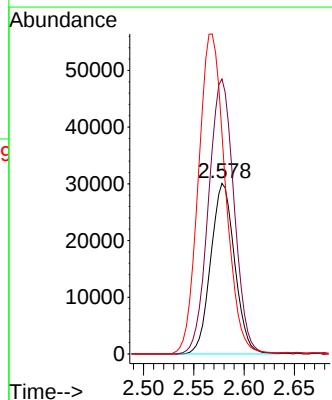
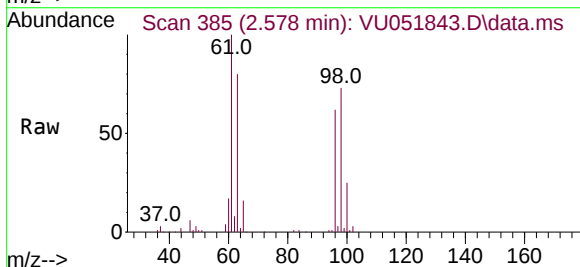
Instrument :
MSVOA_U
ClientSampleId :

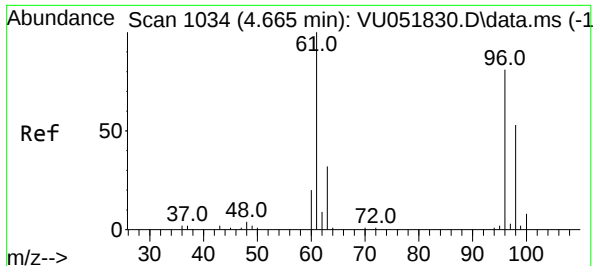
Tgt Ion:101 Resp: 942
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#



#12
1,1-Dichloroethene
Concen: 3.071 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

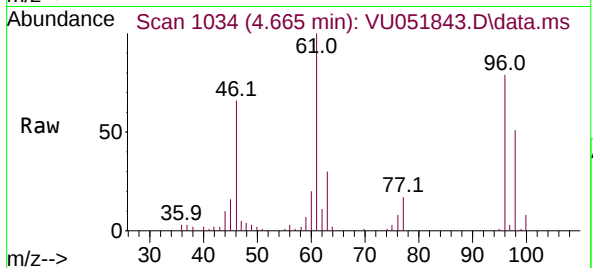
Tgt Ion: 96 Resp: 49793
Ion Ratio Lower Upper
96 100
61 161.2 108.8 202.0
63 129.3 64.9 120.5#



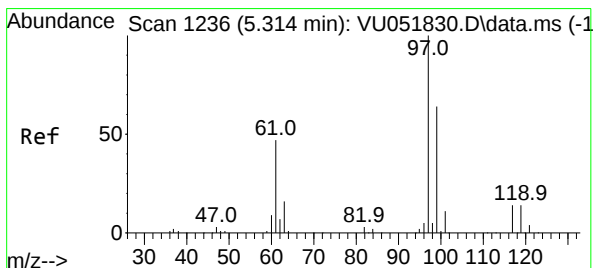
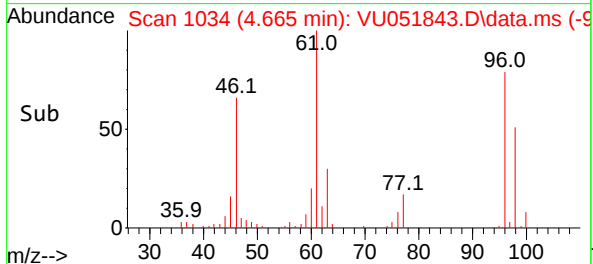
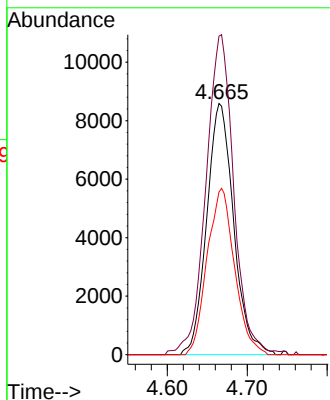


#22
 cis-1,2-Dichloroethene
 Concen: 1.045 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051843.D
 Acq: 14 Nov 2022 18:49

Instrument :
 MSVOA_U
 ClientSampleId :

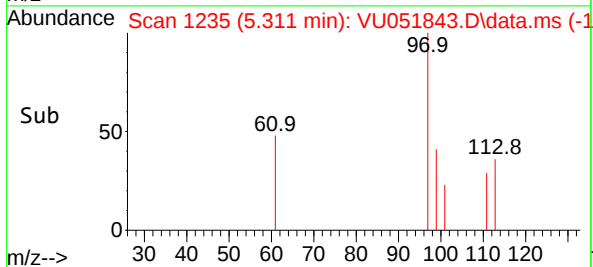
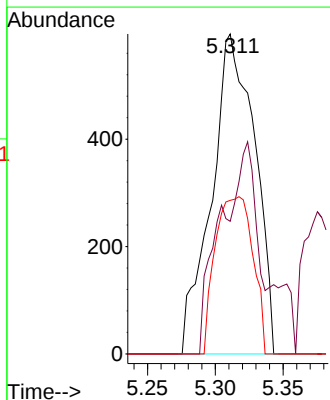
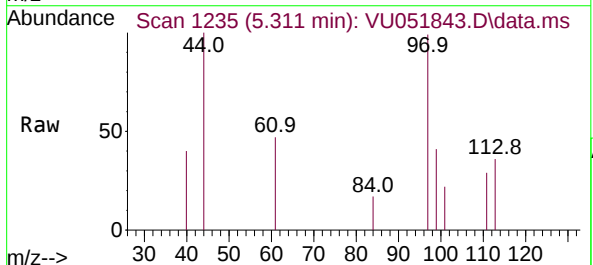


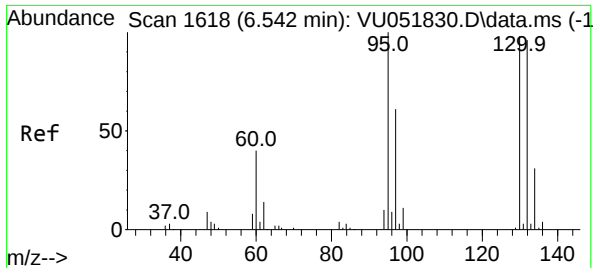
Tgt Ion:	96	Resp:	20114
Ion	Ratio	Lower	Upper
96	100		
61	126.8	86.4	160.4
98	64.7	44.2	82.2



#29
 1,1,1-Trichloroethane
 Concen: 0.050 ug/L
 RT: 5.311 min Scan# 1235
 Delta R.T. -0.003 min
 Lab File: VU051843.D
 Acq: 14 Nov 2022 18:49

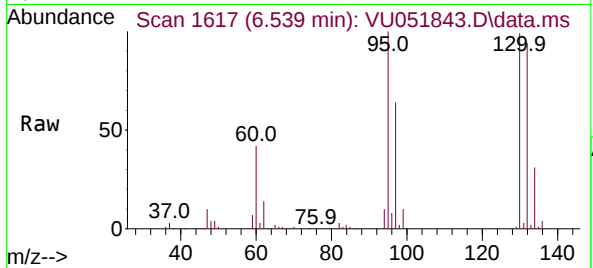
Tgt Ion:	97	Resp:	1322
Ion	Ratio	Lower	Upper
97	100		
99	22.2	51.1	76.7#
61	42.6	37.4	56.0



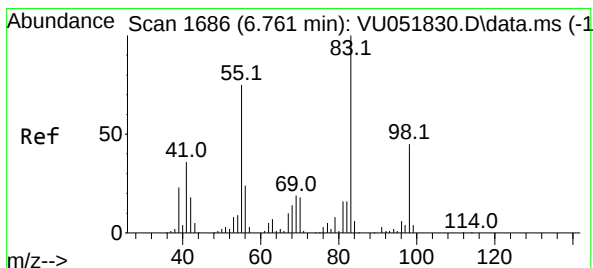
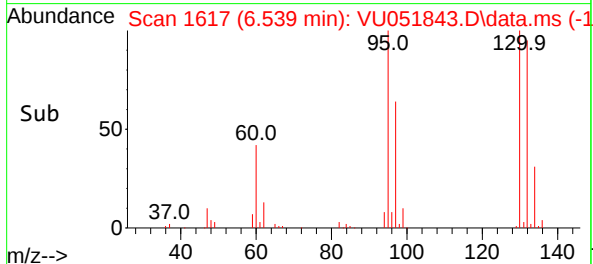
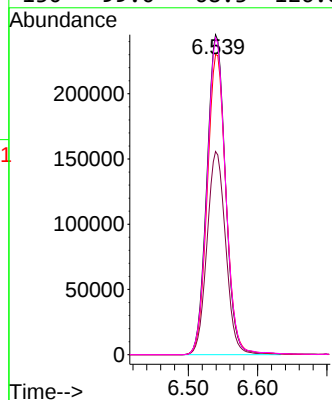


#34
Trichloroethene
Concen: 24.735 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

Instrument :
MSVOA_U
ClientSampleId :

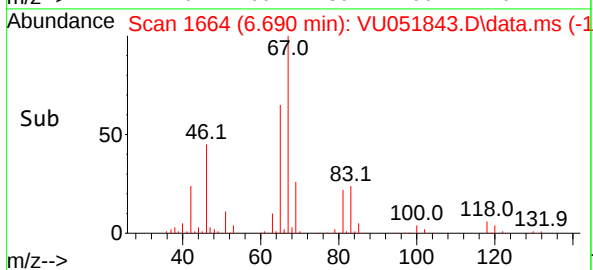
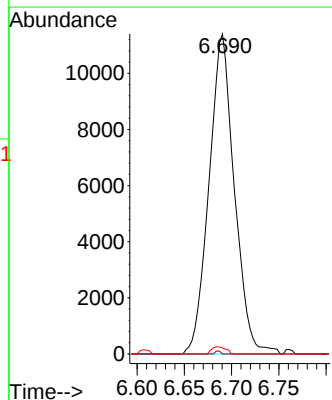
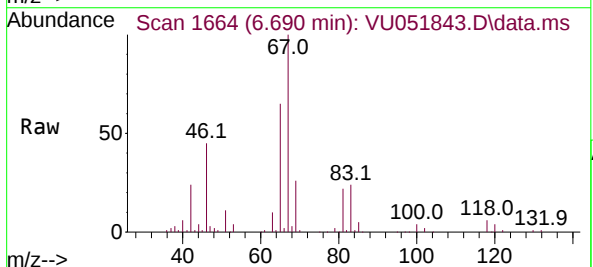


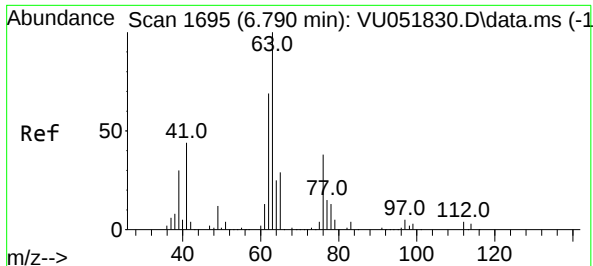
Tgt Ion: 95 Resp: 456675
Ion Ratio Lower Upper
95 100
97 63.5 45.2 84.0
132 93.8 66.5 123.5
130 99.0 68.3 126.8



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

Tgt Ion: 83 Resp: 21240
Ion Ratio Lower Upper
83 100
55 0.2 60.6 90.8#
98 0.0 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051843.D

Acq: 14 Nov 2022 18:49

Instrument :

MSVOA_U

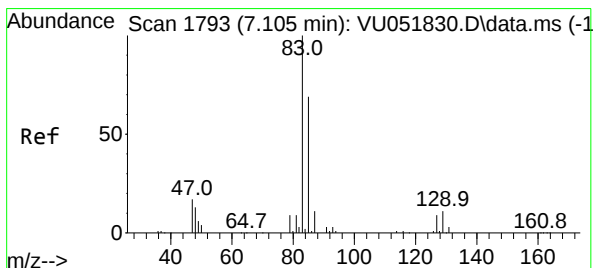
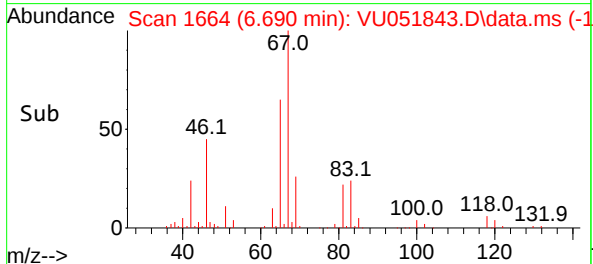
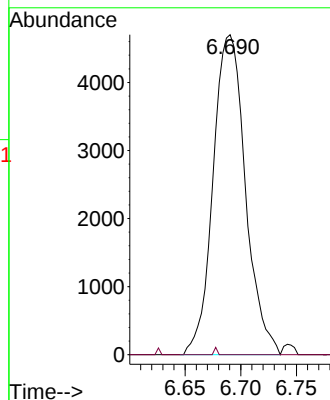
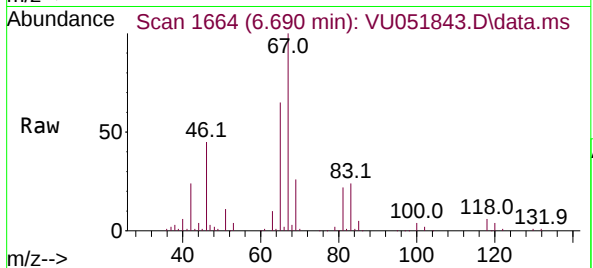
ClientSampleId :

Tgt Ion: 63 Resp: 9512

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.040 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VU051843.D

Acq: 14 Nov 2022 18:49

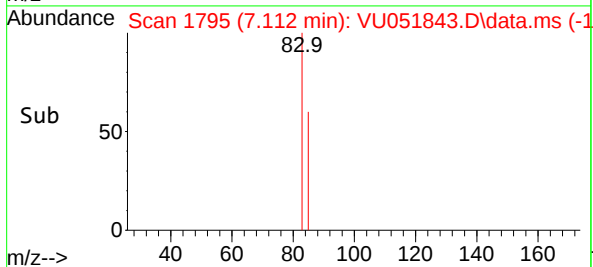
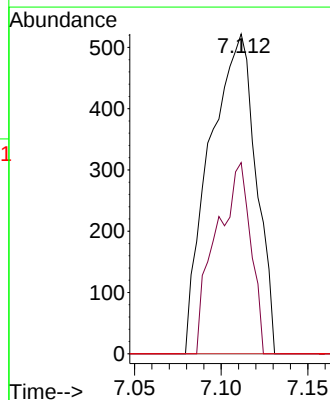
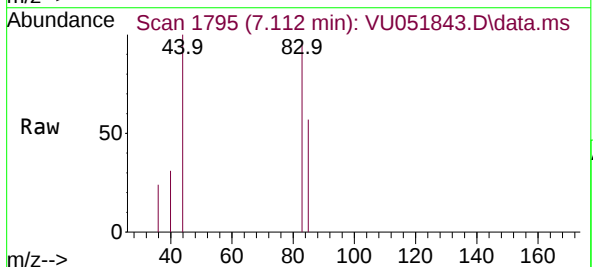
Tgt Ion: 83 Resp: 970

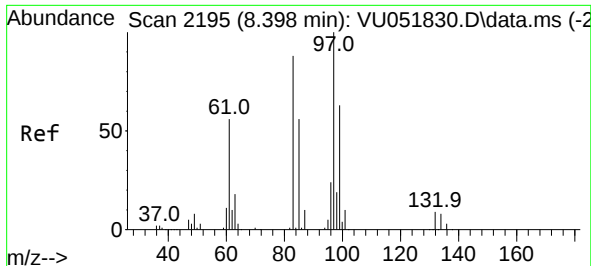
Ion Ratio Lower Upper

83 100

85 59.8 45.1 83.7

127 0.0 6.6 9.8#





#45

1,1,2-Trichloroethane

Concen: 0.244 ug/L

RT: 8.549 min Scan# 2195

Delta R.T. 0.151 min

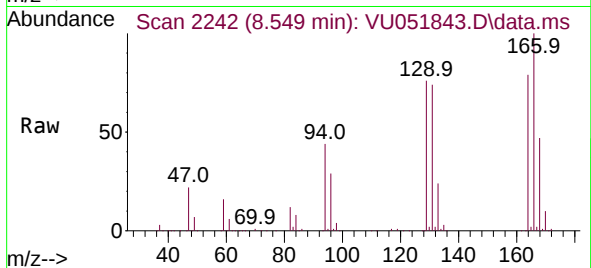
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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 3514

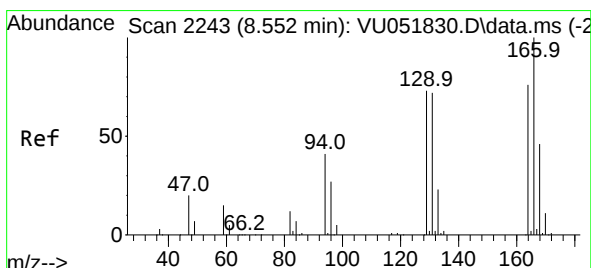
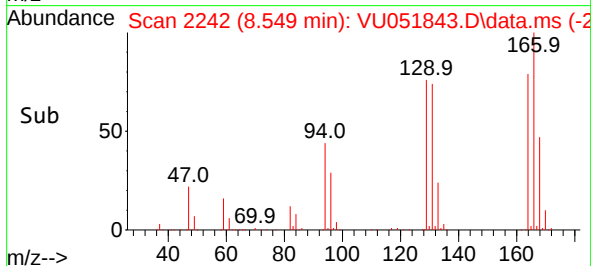
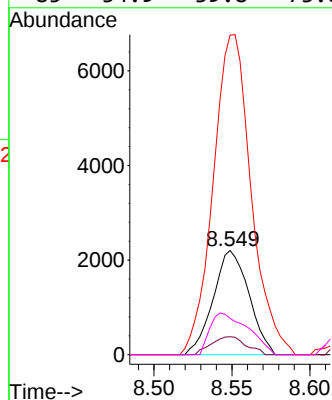
Ion Ratio Lower Upper

97 100

99 17.2 43.4 80.6#

83 306.9 61.3 113.9#

85 34.9 39.8 73.8#



#47

Tetrachloroethene

Concen: 32.580 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051843.D

Acq: 14 Nov 2022 18:49

Tgt Ion: 164 Resp: 460678

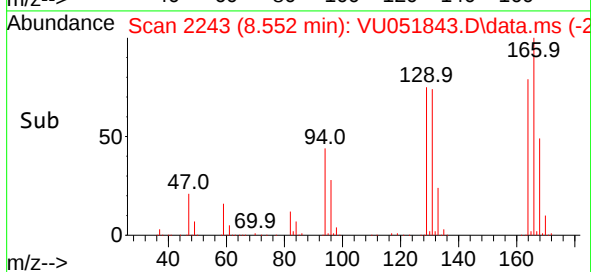
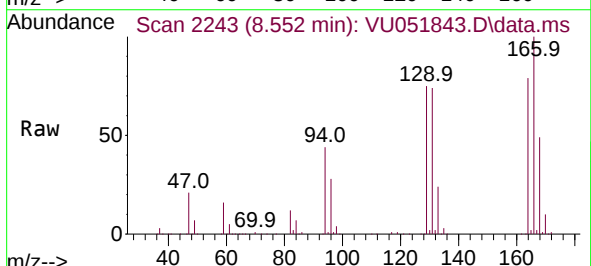
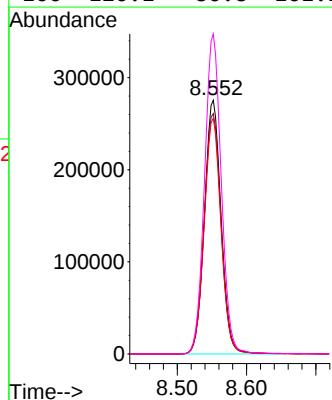
Ion Ratio Lower Upper

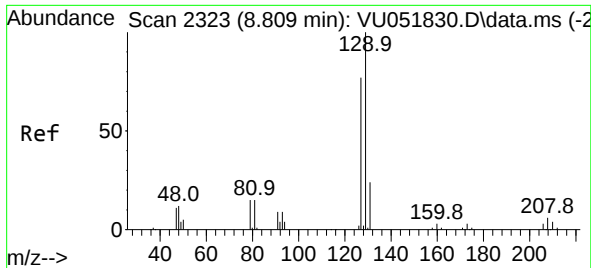
164 100

129 94.7 64.0 118.8

131 92.8 60.7 112.7

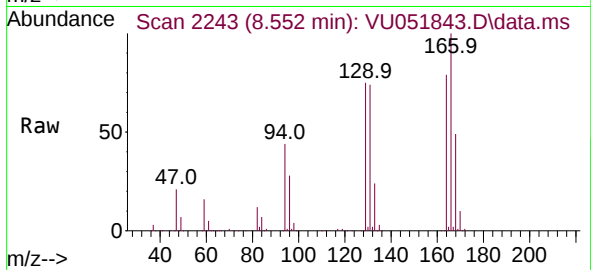
166 126.1 86.8 161.2



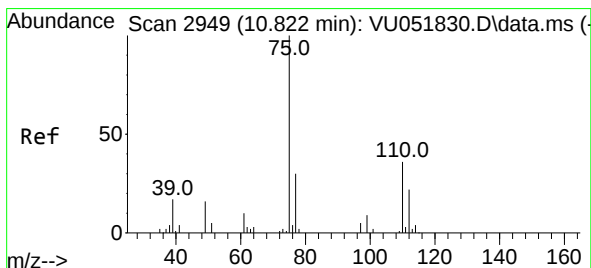
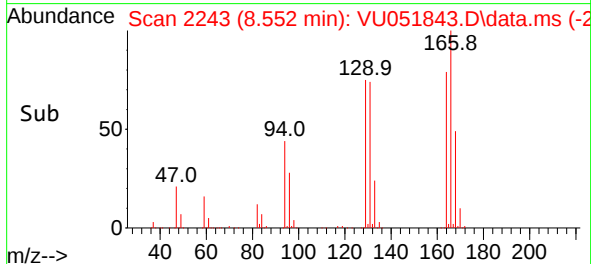
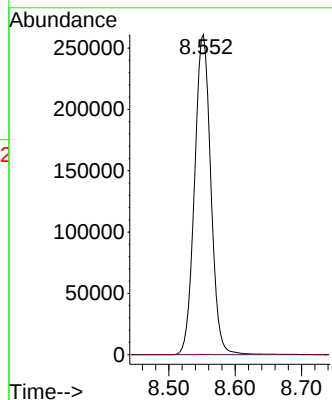


#49
Dibromochloromethane
Concen: 26.789 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 441284
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#



#61
1,2,3-Trichloropropane
Concen: 0.884 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051843.D
Acq: 14 Nov 2022 18:49

Tgt Ion: 75 Resp: 7847
Ion Ratio Lower Upper
75 100
110 0.0 28.7 43.1#
77 34.4 26.1 39.1

