

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051835.D
 Acq On : 14 Nov 2022 15:28
 Operator : JC/MD
 Sample : N5593-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:03:40 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)

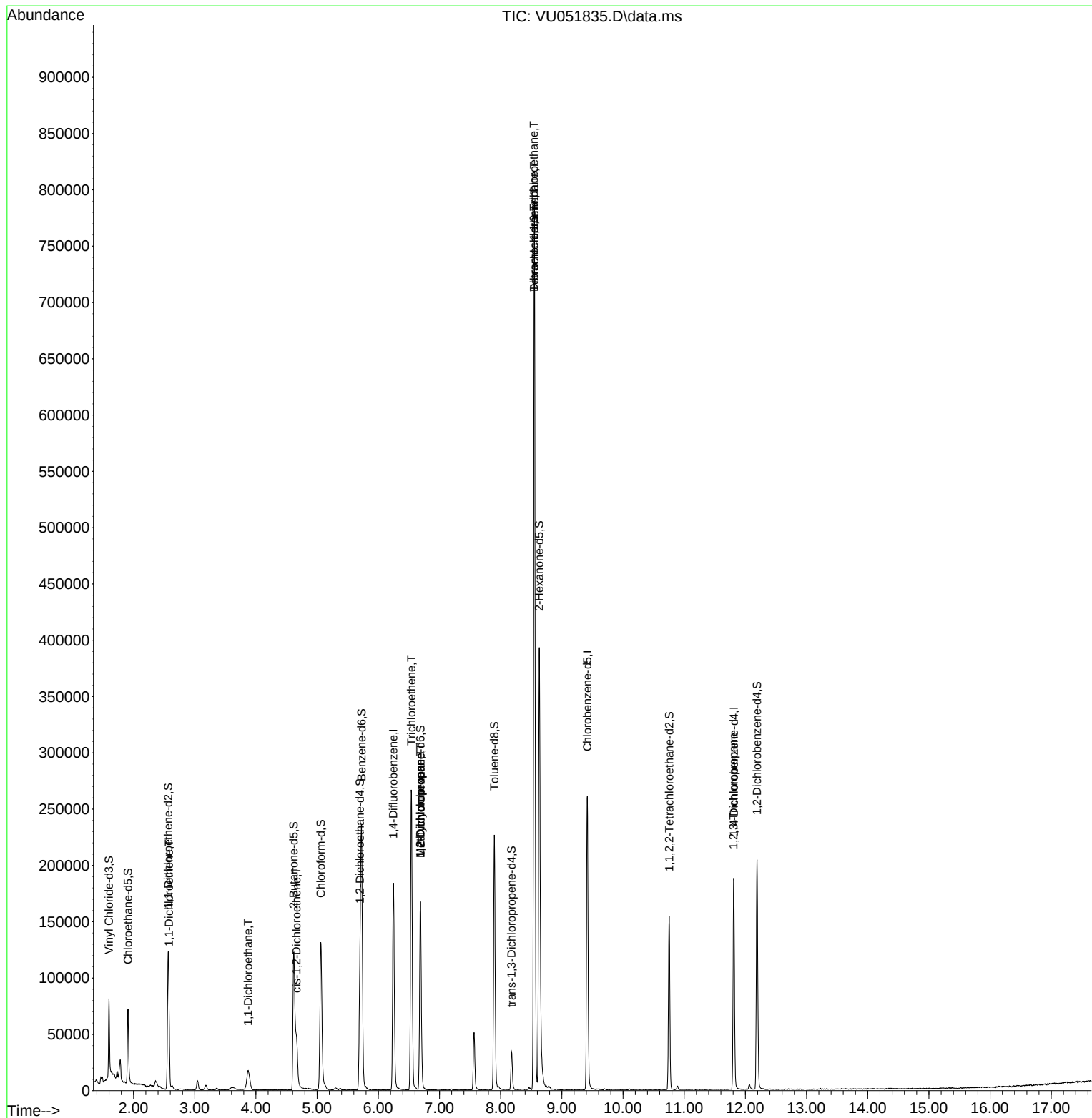
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	155666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49673	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.909	69	53546	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	19944	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.616	46	176323	42.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.580%
24) Chloroform-d	5.060	84	127806	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	68514	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.726	84	231348	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.687	67	85361	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	159681	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.179	79	20405	3.885	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.629	63	126302	39.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.900%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	79022	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	57965	5.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.600%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	13215	0.994	ug/L #	18
19) 1,1-Dichloroethane	3.871	63	10606	0.403	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	17576	1.114	ug/L	92
34) Trichloroethene	6.539	95	94880	6.400	ug/L	99
35) Methylcyclohexane	6.690	83	19778	0.965	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	8393	0.531	ug/L #	88
45) 1,1,2-Trichloroethane	8.546	97	1456	0.126	ug/L #	7
47) Tetrachloroethene	8.552	164	181645	15.998	ug/L	96
49) Dibromochloromethane	8.549	129	173673	13.130	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6168	0.895	ug/L #	62

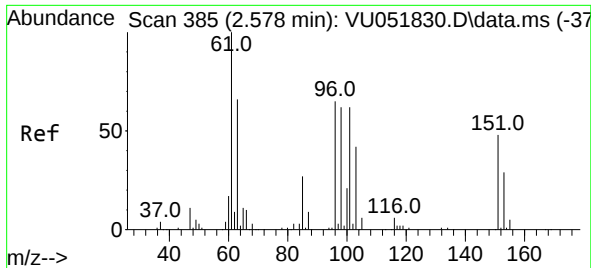
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.994 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

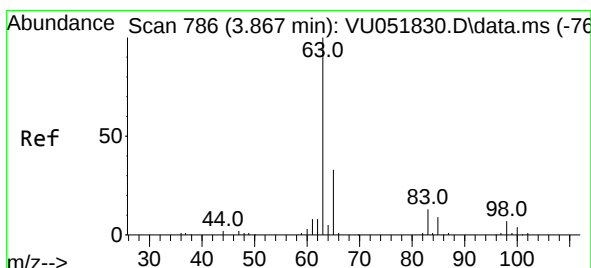
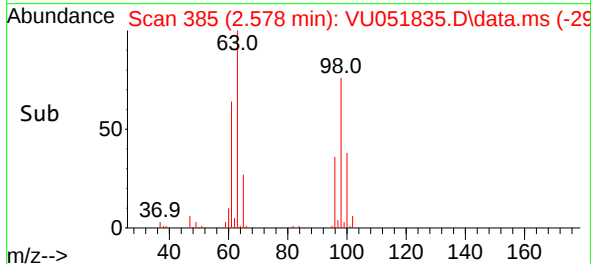
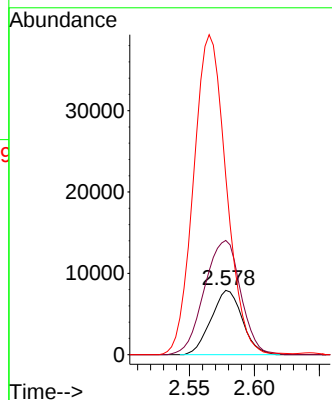
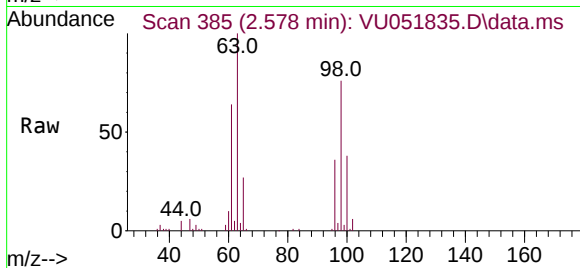
Tgt Ion: 96 Resp: 13215

Ion Ratio Lower Upper

96 100

61 177.6 108.8 202.0

63 276.7 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.403 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

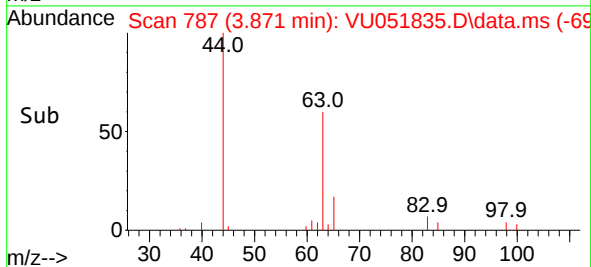
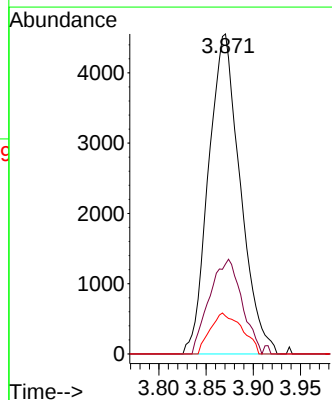
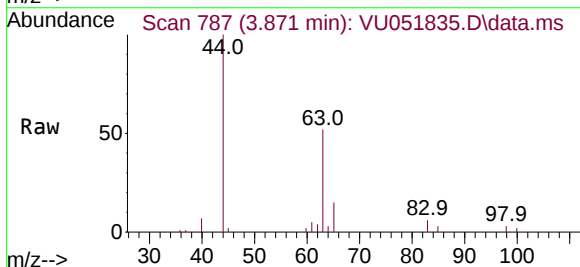
Tgt Ion: 63 Resp: 10606

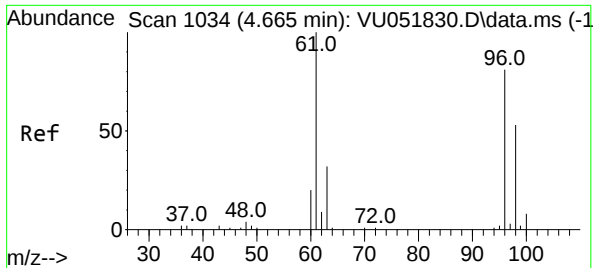
Ion Ratio Lower Upper

63 100

65 28.1 22.7 42.1

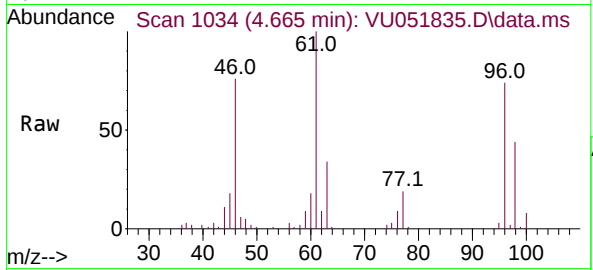
83 11.8 9.2 17.0





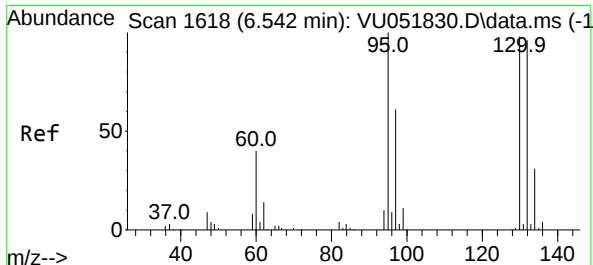
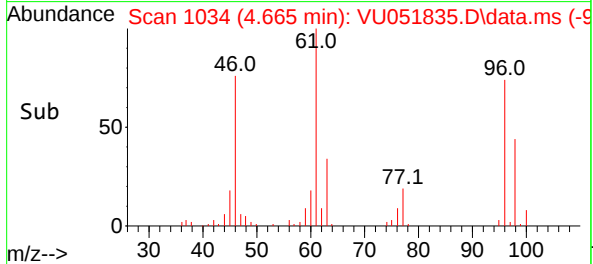
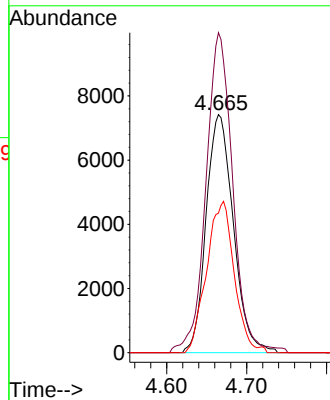
#22
 cis-1,2-Dichloroethene
 Concen: 1.114 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051835.D
 Acq: 14 Nov 2022 15:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 17576

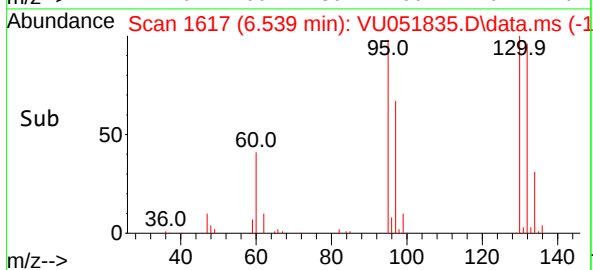
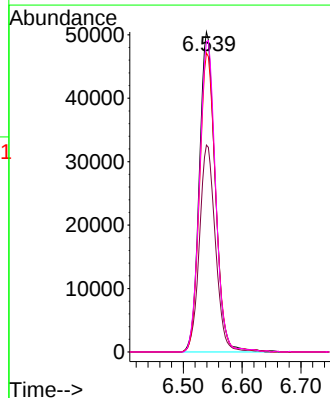
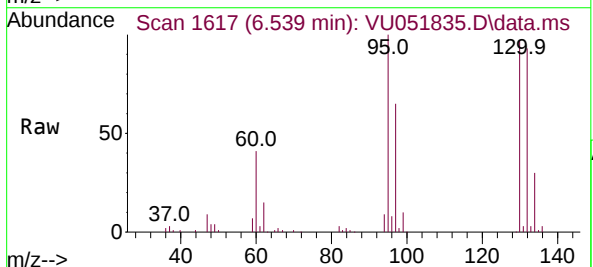
Ion	Ratio	Lower	Upper
96	100		
61	134.4	86.4	160.4
98	58.6	44.2	82.2

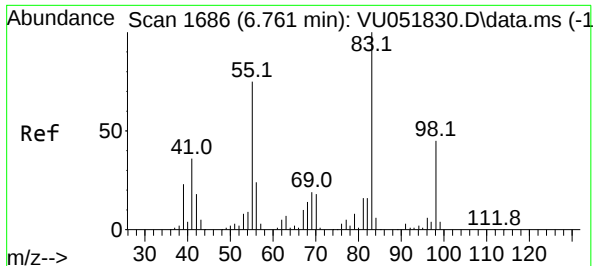


#34
 Trichloroethene
 Concen: 6.400 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU051835.D
 Acq: 14 Nov 2022 15:28

Tgt Ion: 95 Resp: 94880

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.2	84.0
132	93.4	66.5	123.5
130	97.0	68.3	126.8





#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :

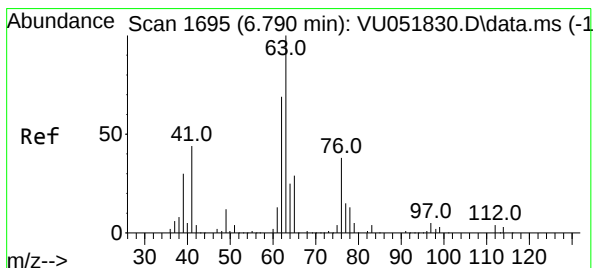
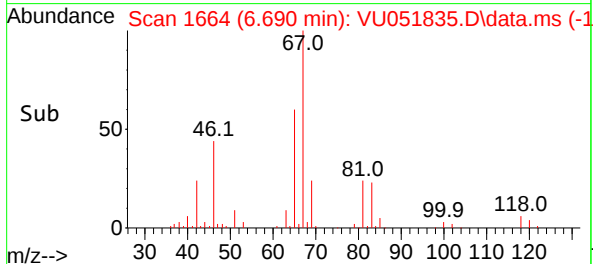
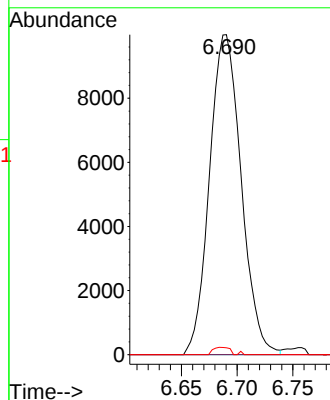
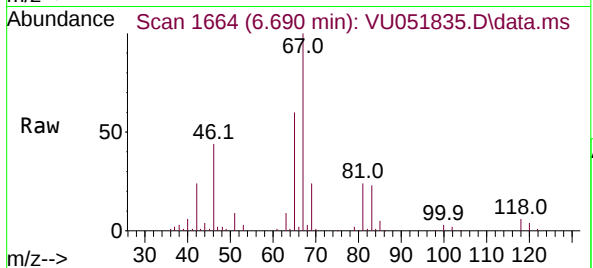
Tgt Ion: 83 Resp: 19778

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 1.2 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051835.D

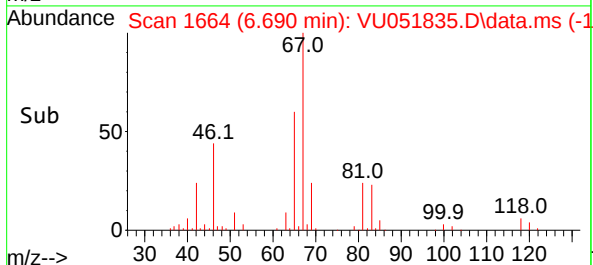
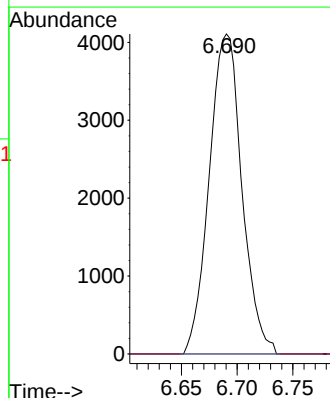
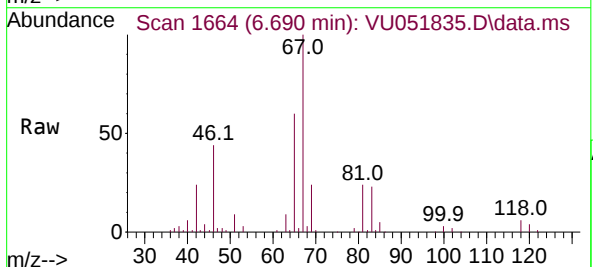
Acq: 14 Nov 2022 15:28

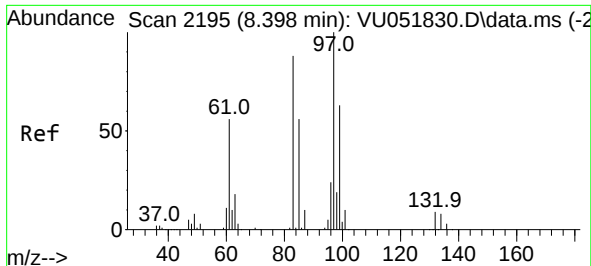
Tgt Ion: 63 Resp: 8393

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 0.126 ug/L

RT: 8.546 min Scan# 2195

Delta R.T. 0.148 min

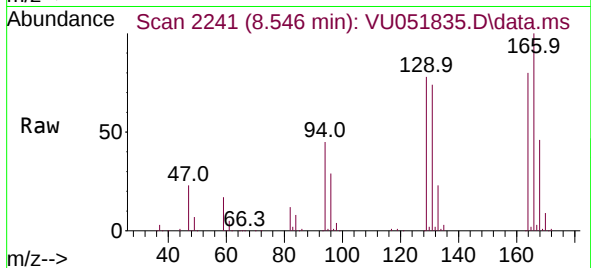
Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1456

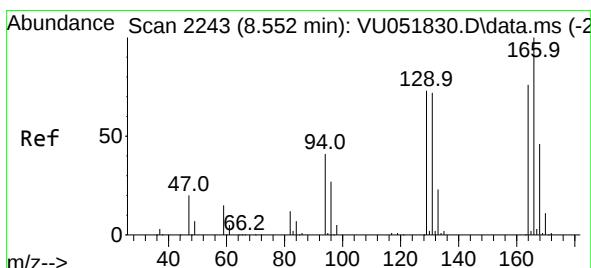
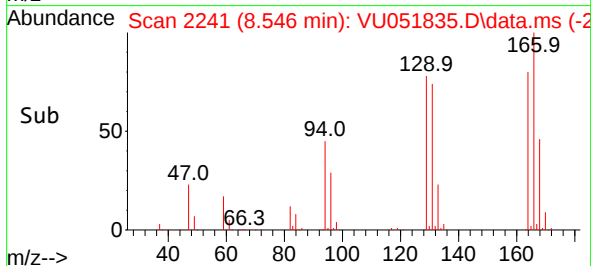
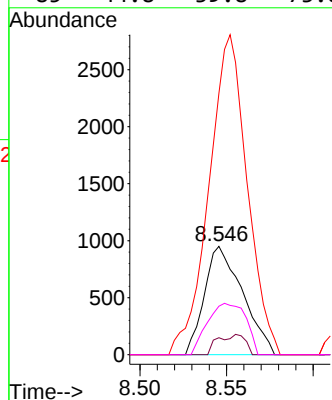
Ion Ratio Lower Upper

97 100

99 15.7 43.4 80.6#

83 241.2 61.3 113.9#

85 44.8 39.8 73.8



#47

Tetrachloroethene

Concen: 15.998 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051835.D

Acq: 14 Nov 2022 15:28

Tgt Ion: 164 Resp: 181645

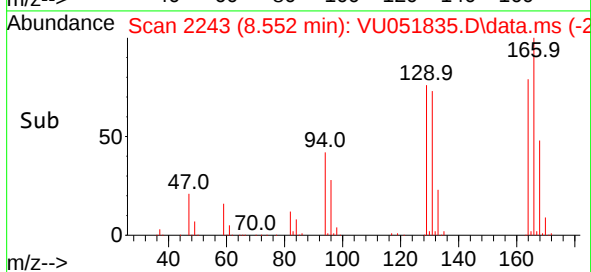
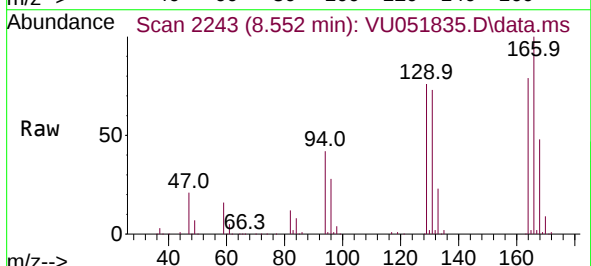
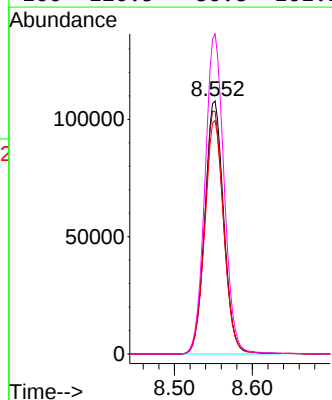
Ion Ratio Lower Upper

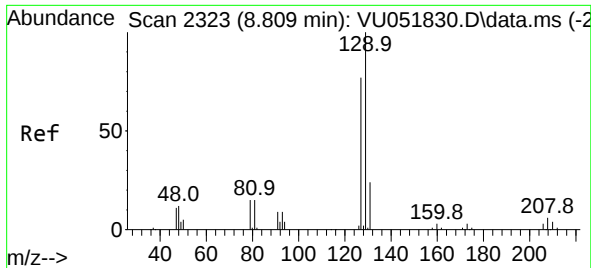
164 100

129 95.8 64.0 118.8

131 92.3 60.7 112.7

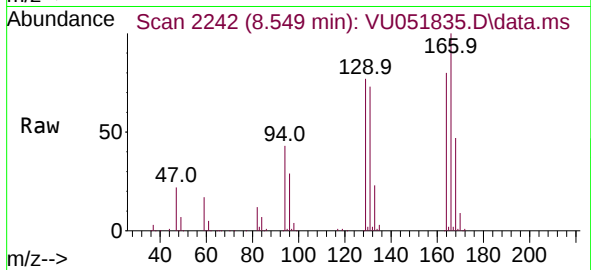
166 126.5 86.8 161.2



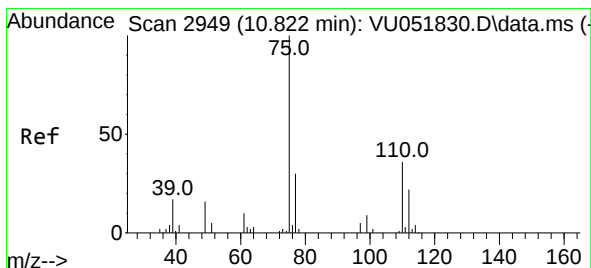
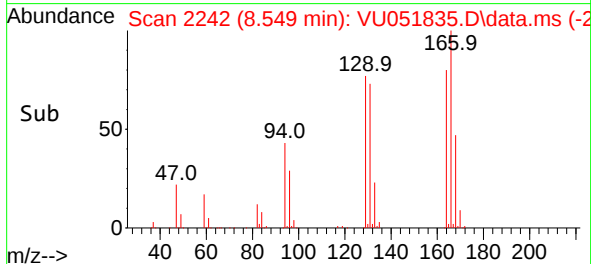
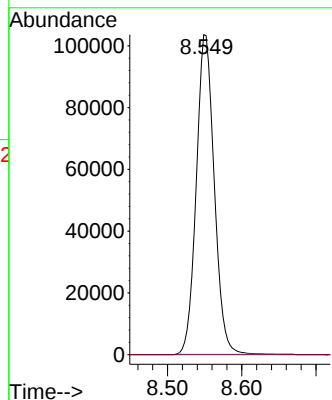


#49
Dibromochloromethane
Concen: 13.130 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU051835.D
Acq: 14 Nov 2022 15:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 173673
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#



#61
1,2,3-Trichloropropane
Concen: 0.895 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.984 min
Lab File: VU051835.D
Acq: 14 Nov 2022 15:28

Tgt Ion: 75 Resp: 6168
Ion Ratio Lower Upper
75 100
110 0.0 28.7 43.1#
77 25.8 26.1 39.1#

