

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048591.D
 Acq On : 16 May 2022 19:34
 Operator : SY/MD
 Sample : N2849-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXW8

Quant Time: May 17 07:02:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

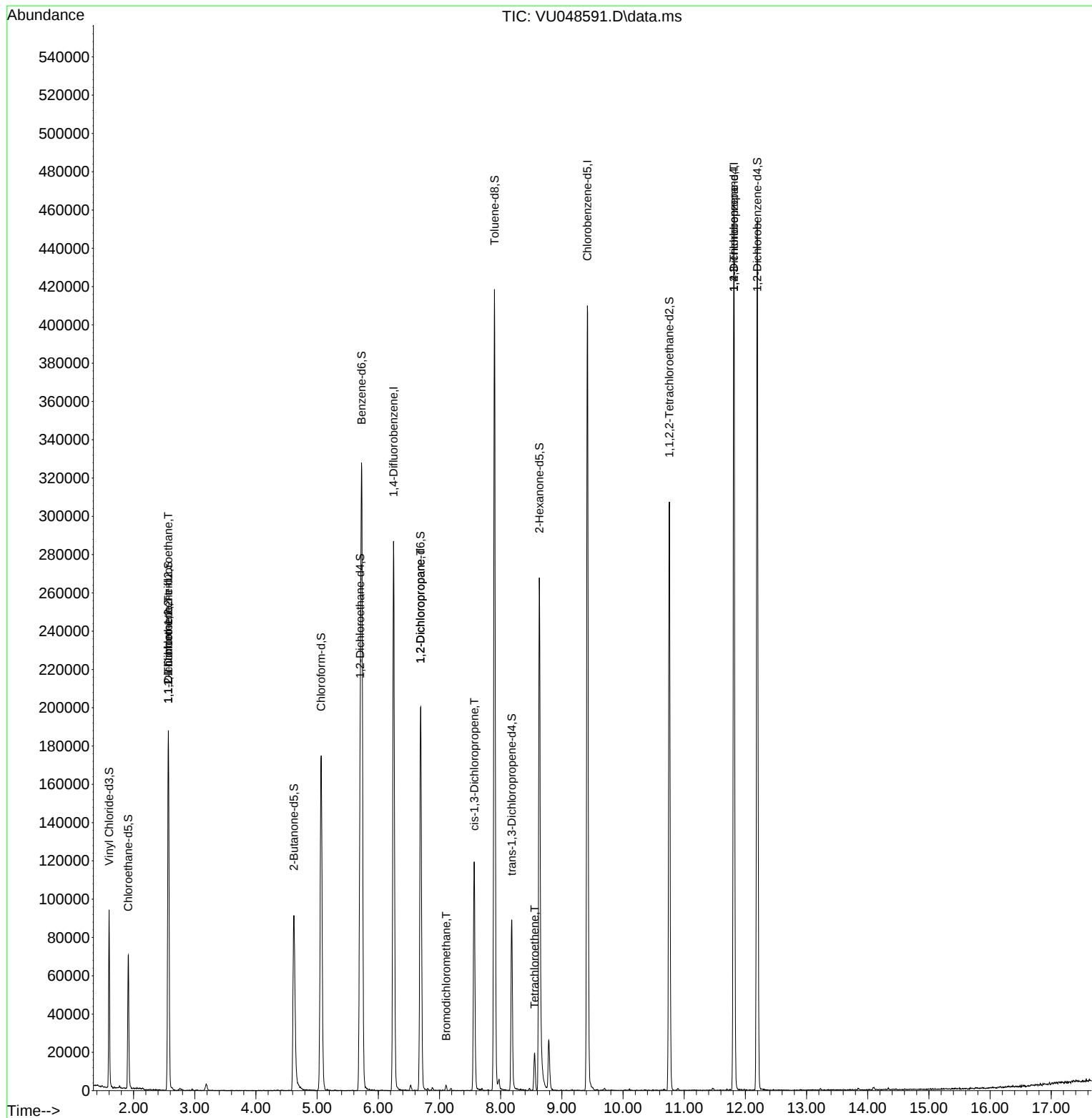
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	232765	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	60609	42.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.020%
7) Chloroethane-d5	1.912	69	48635	45.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.568	63	110720	34.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.680%
21) 2-Butanone-d5	4.620	46	126903	93.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.540%
24) Chloroform-d	5.067	84	166684	46.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
26) 1,2-Dichloroethane-d4	5.703	65	122980	48.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.780%
32) Benzene-d6	5.729	84	298151	45.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	6.690	67	87679	46.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	7.899	98	274451	44.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	8.182	79	51321	42.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
47) 2-Hexanone-d5	8.632	63	88337	84.541	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139406	44.217	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	123519	48.289	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.580%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	984	0.602	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	935	0.617	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	10972	6.441	ug/L #	86
38) Bromodichloromethane	7.108	83	2190	0.795	ug/L #	82
39) cis-1,3-Dichloropropene	7.571	75	3106	1.068	ug/L #	73
46) Tetrachloroethene	8.555	164	4512	2.869	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	12055	4.858	ug/L #	61

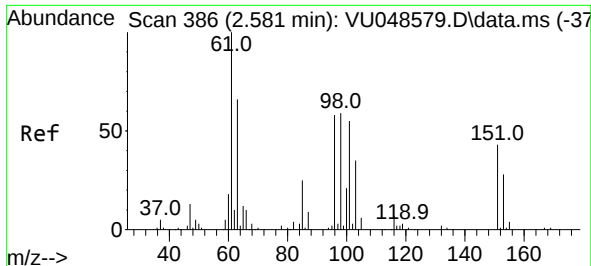
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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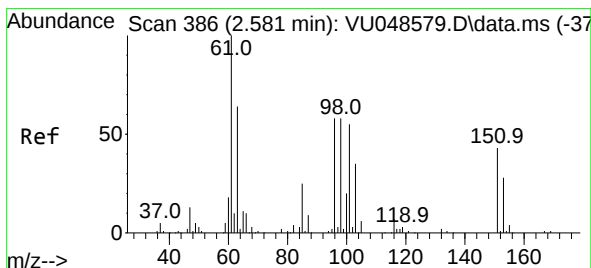
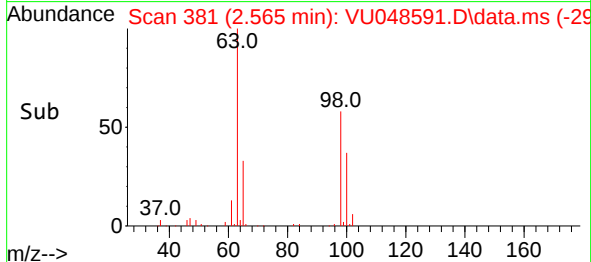
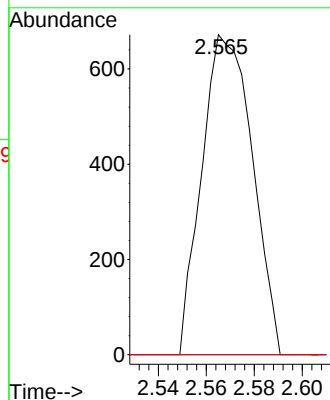
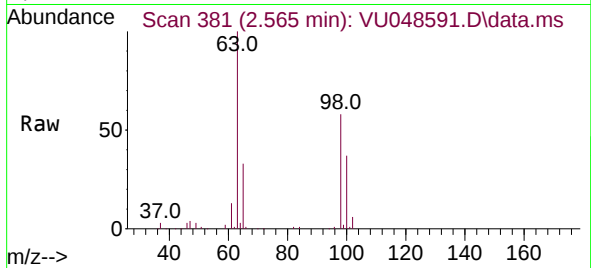




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.602 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048591.D
Acq: 16 May 2022 19:34

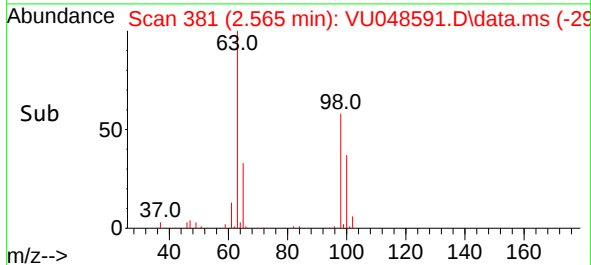
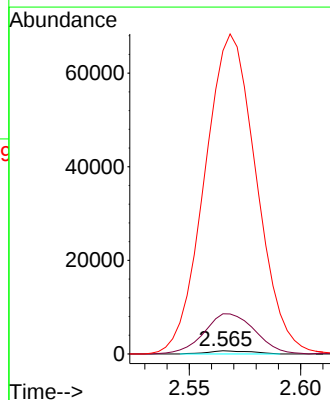
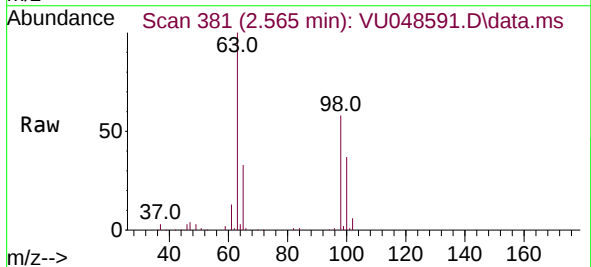
Instrument :
MSVOA_U
ClientSampleId :
EXXW8

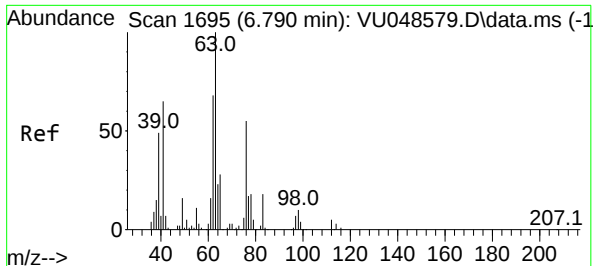
Tgt Ion:101 Resp: 984
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU048591.D
Acq: 16 May 2022 19:34

Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 1278.4 120.6 224.0#
63 9669.3 82.3 152.9#





#37

1,2-Dichloropropane

Concen: 6.441 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048591.D

Acq: 16 May 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

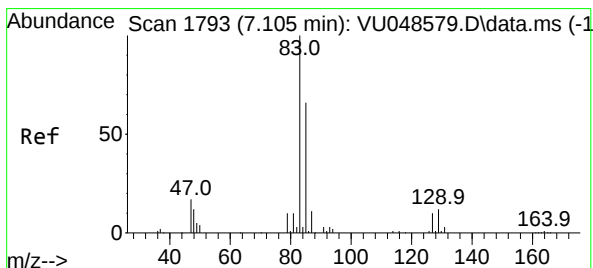
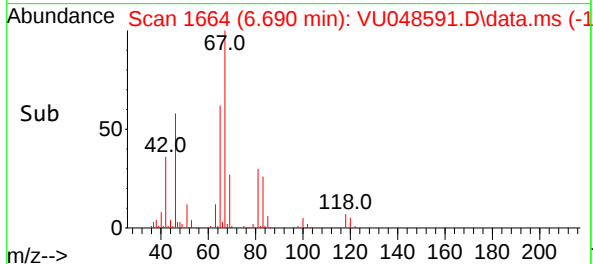
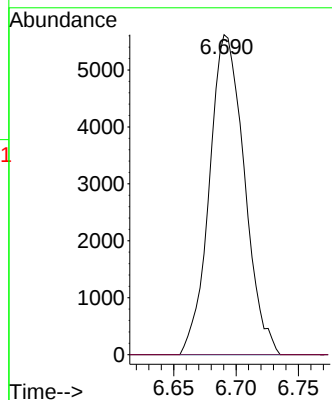
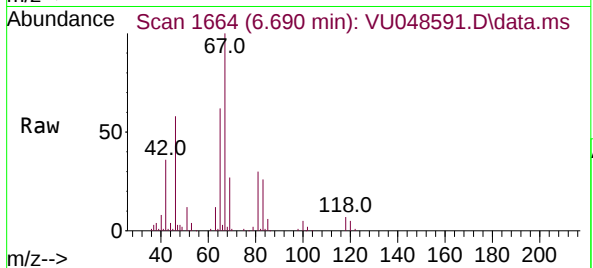
EXXW8

Tgt Ion: 63 Resp: 10972

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#38

Bromodichloromethane

Concen: 0.795 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048591.D

Acq: 16 May 2022 19:34

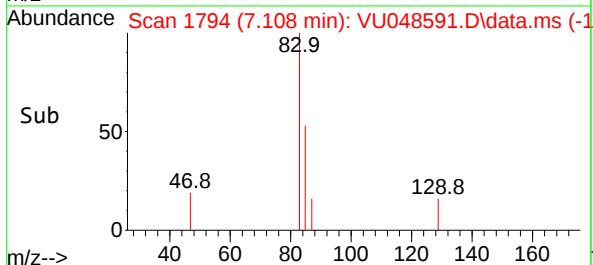
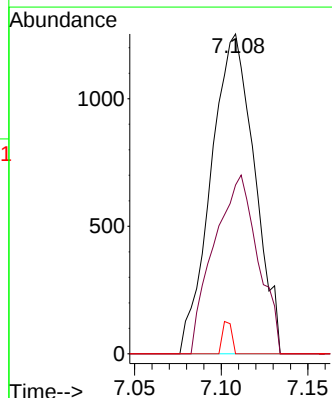
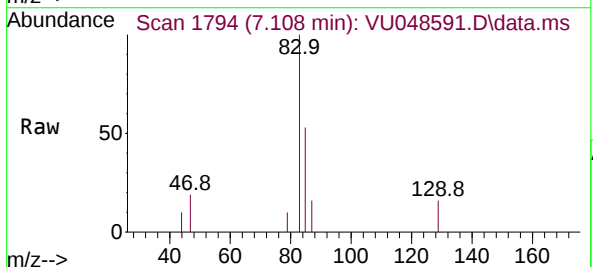
Tgt Ion: 83 Resp: 2190

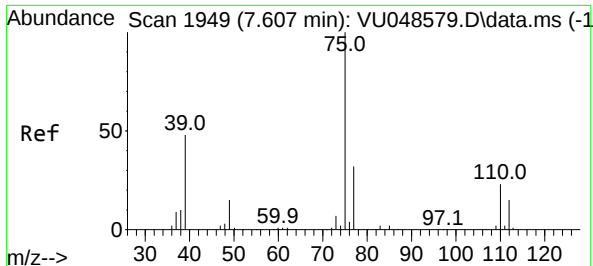
Ion Ratio Lower Upper

83 100

85 52.8 46.1 85.5

127 0.0 7.8 11.6#





#39

cis-1,3-Dichloropropene

Concen: 1.068 ug/L

RT: 7.571 min Scan# 1949

Delta R.T. -0.035 min

Lab File: VU048591.D

Acq: 16 May 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

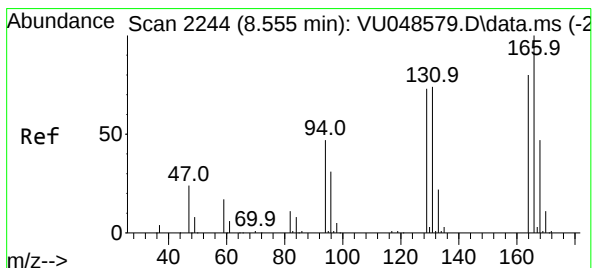
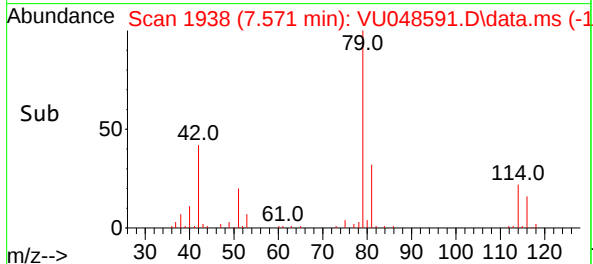
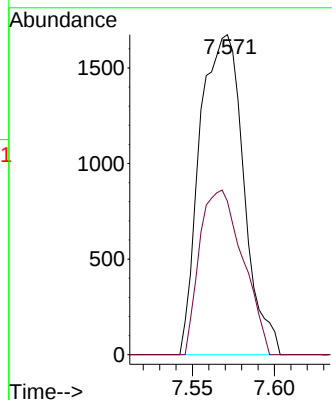
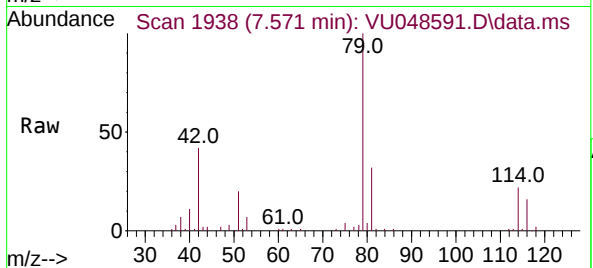
EXXW8

Tgt Ion: 75 Resp: 3106

Ion Ratio Lower Upper

75 100

77 48.0 22.9 42.5#



#46

Tetrachloroethene

Concen: 2.869 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU048591.D

Acq: 16 May 2022 19:34

Tgt Ion: 164 Resp: 4512

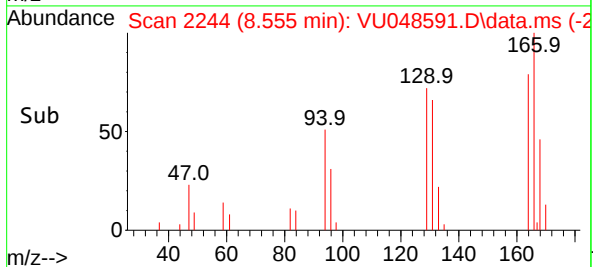
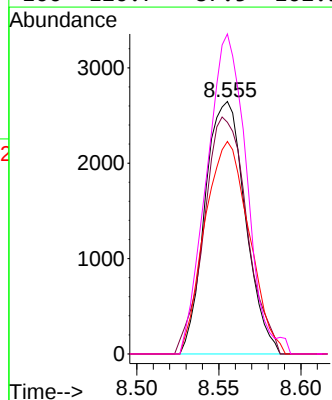
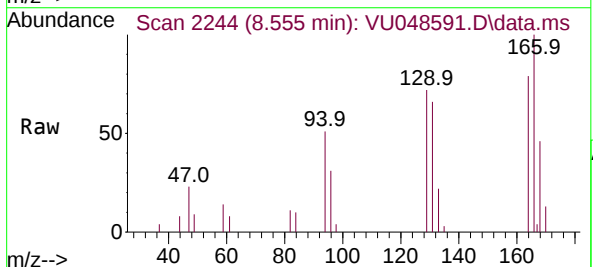
Ion Ratio Lower Upper

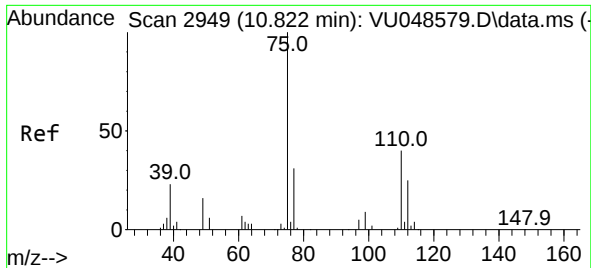
164 100

129 91.8 64.3 119.3

131 84.1 64.5 119.7

166 126.7 87.5 162.5





#60
 1,2,3-Trichloropropane
 Concen: 4.858 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU048591.D
 Acq: 16 May 2022 19:34

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXW8

Tgt Ion: 75 Resp: 12055
 Ion Ratio Lower Upper
 75 100
 77 38.9 25.4 38.0#
 110 3.1 32.1 48.1#

