

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046176.D
 Acq On : 08 Dec 2021 15:27
 Operator : SY/MD
 Sample : M4887-07ME
 Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:20:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

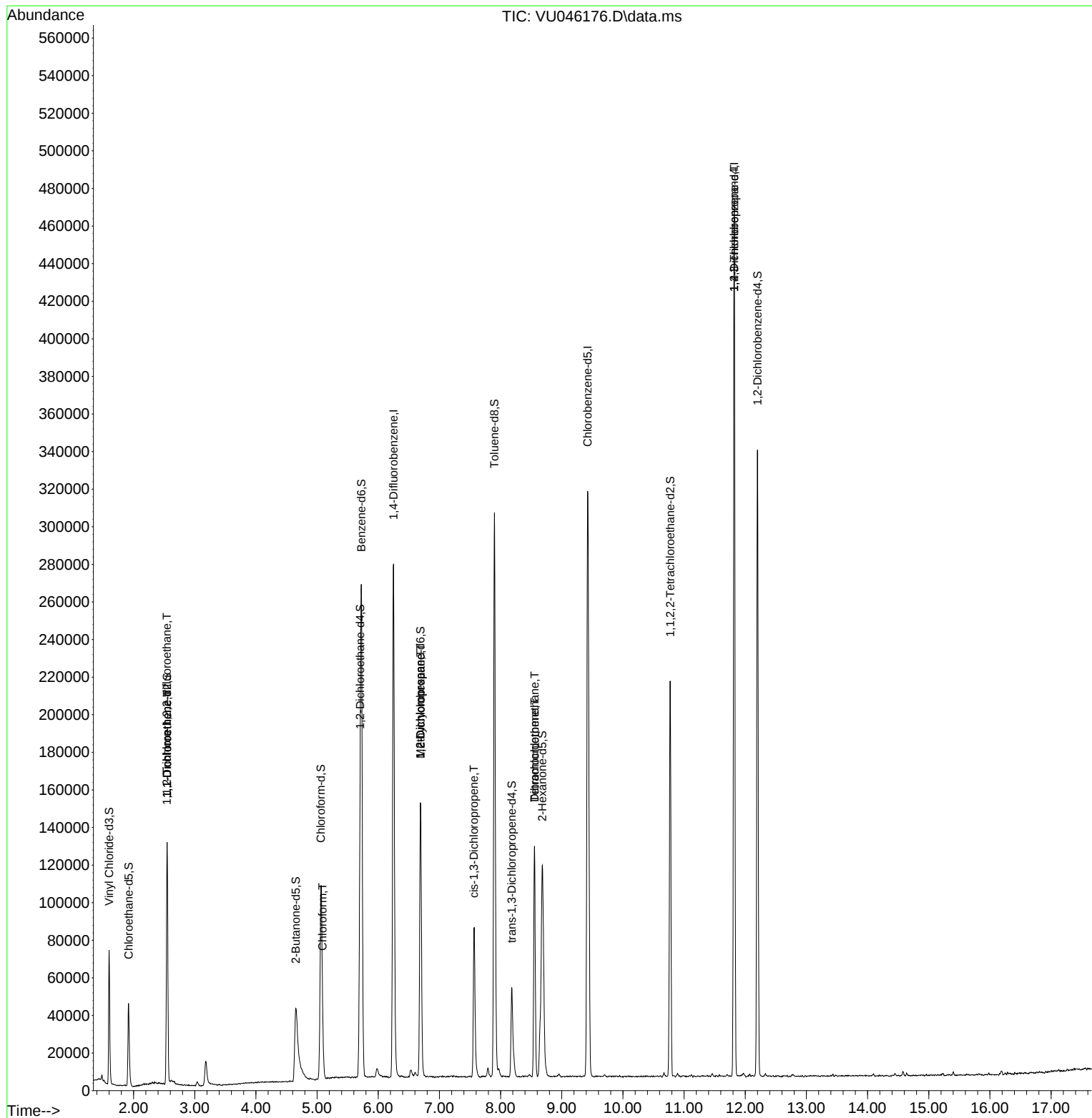
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	252106	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	245053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57968	27.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.820%#
7) Chloroethane-d5	1.919	69	41303	25.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.800%#
11) 1,1-Dichloroethene-d2	2.549	63	75366	20.216	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.440%#
21) 2-Butanone-d5	4.652	46	100690	60.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.990%
24) Chloroform-d	5.063	84	97431	28.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.180%#
26) 1,2-Dichloroethane-d4	5.703	65	75530	32.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.900%#
32) Benzene-d6	5.726	84	240325	34.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.440%#
36) 1,2-Dichloropropane-d6	6.690	67	73972	33.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.960%#
41) Toluene-d8	7.899	98	220462	34.474	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.940%#
43) trans-1,3-Dichloroprop...	8.182	79	37335	35.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.060%
47) 2-Hexanone-d5	8.681	63	76642	74.260	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.260%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	107838	32.667	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.340%
66) 1,2-Dichlorobenzene-d4	12.201	152	89282	36.504	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.000%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	688	0.375	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	645	0.370	ug/L #	1
25) Chloroform	5.089	83	15708	4.215	ug/L	97
35) Methylcyclohexane	6.690	83	18013	5.946	ug/L #	22
37) 1,2-Dichloropropane	6.690	63	7687	3.956	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	2193	0.742	ug/L #	64
46) Tetrachloroethene	8.555	164	28650	19.953	ug/L	96
49) Dibromochloromethane	8.555	129	27824	13.593	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	14678	5.272	ug/L #	65

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

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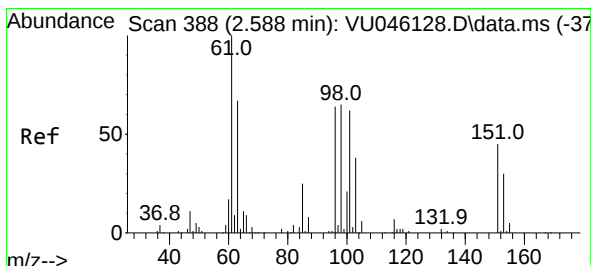
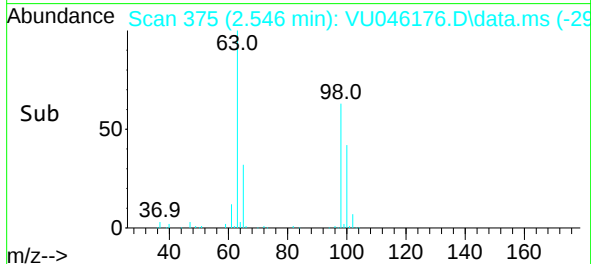
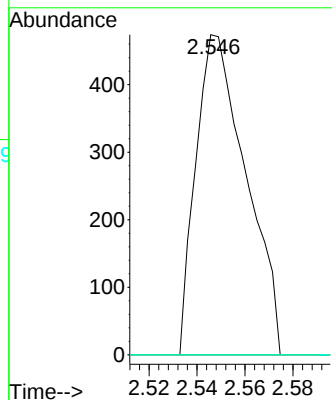
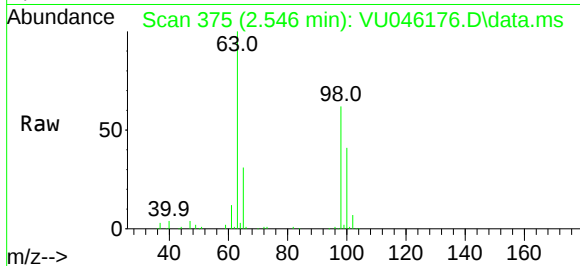




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.375 ug/L
RT: 2.546 min Scan# 31
Delta R.T. -0.042 min
Lab File: VU046176.D
Acq: 08 Dec 2021 15:27

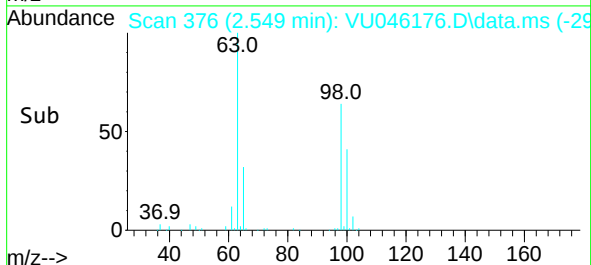
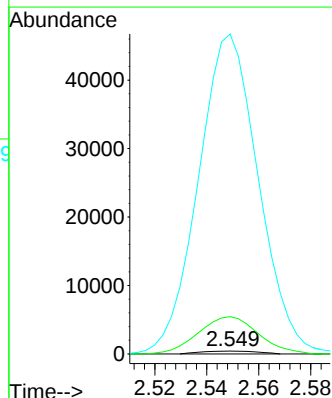
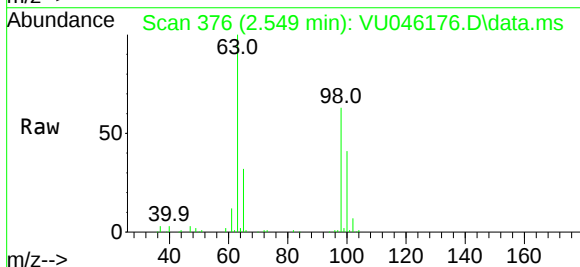
Instrument :
MSVOA_U
ClientSampleId :

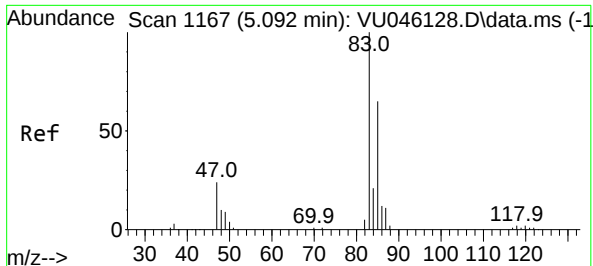
Tgt Ion:101 Resp: 688
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.370 ug/L
RT: 2.549 min Scan# 376
Delta R.T. -0.035 min
Lab File: VU046176.D
Acq: 08 Dec 2021 15:27

Tgt Ion: 96 Resp: 645
Ion Ratio Lower Upper
96 100
61 1280.3 118.6 220.2#
63 10972.8 93.0 172.8#





#25

Chloroform

Concen: 4.215 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046176.D

Acq: 08 Dec 2021 15:27

Instrument :

MSVOA_U

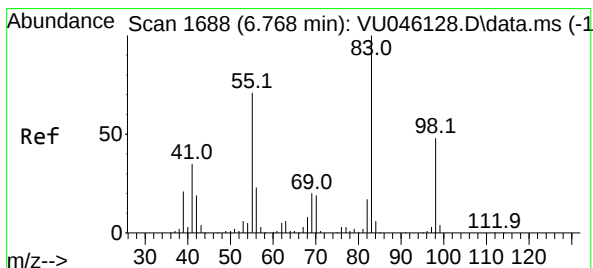
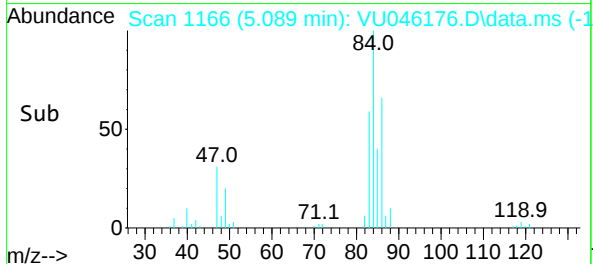
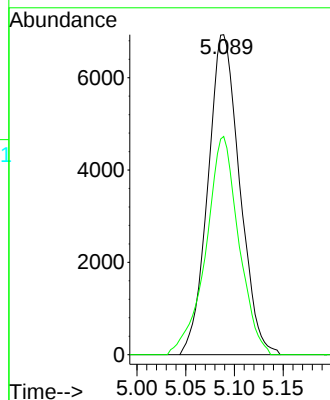
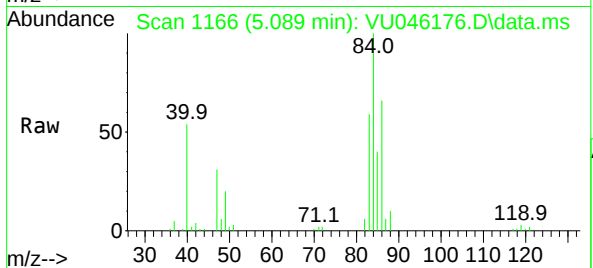
ClientSampleId :

Tgt Ion: 83 Resp: 15708

Ion Ratio Lower Upper

83 100

85 68.2 45.8 85.2



#35

Methylcyclohexane

Concen: 5.946 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046176.D

Acq: 08 Dec 2021 15:27

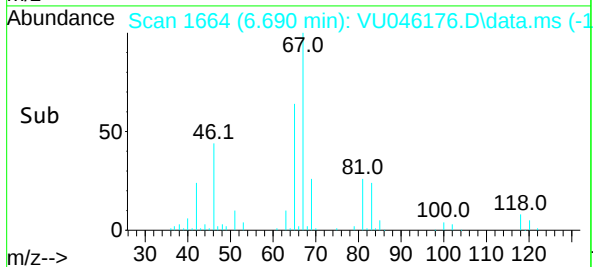
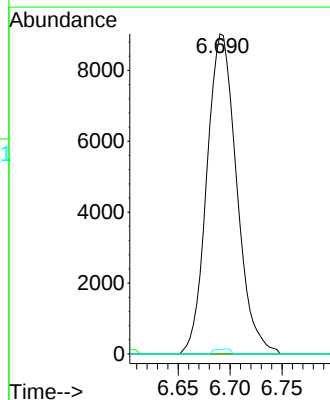
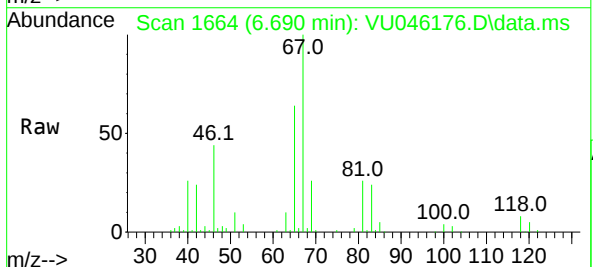
Tgt Ion: 83 Resp: 18013

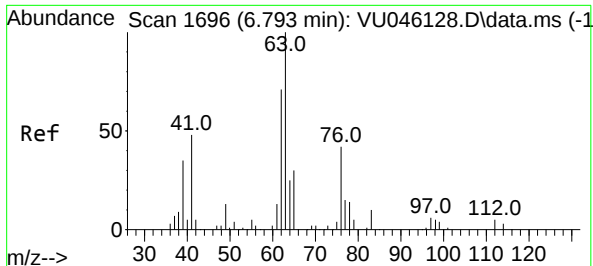
Ion Ratio Lower Upper

83 100

55 0.7 57.8 86.6#

98 2.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 3.956 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046176.D

Acq: 08 Dec 2021 15:27

Instrument :

MSVOA_U

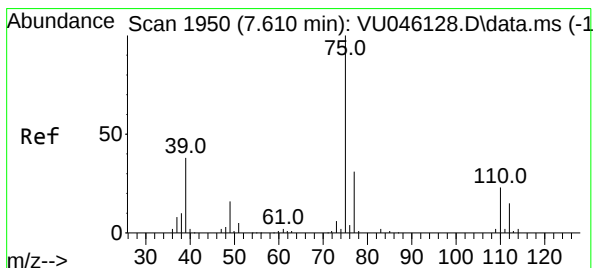
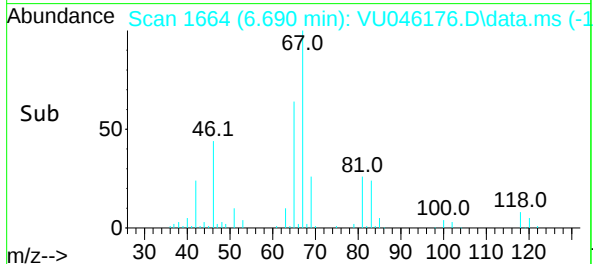
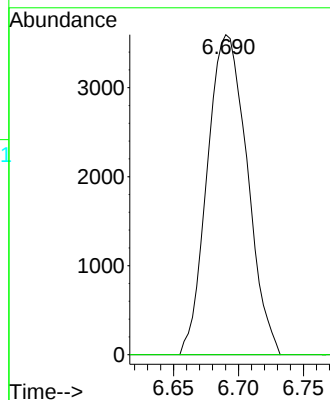
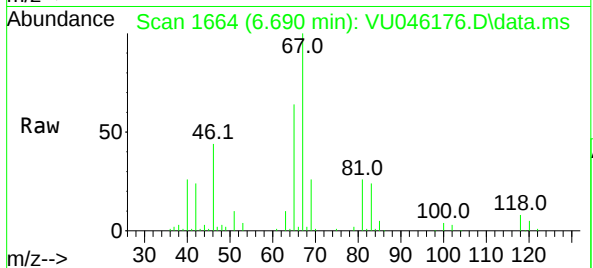
ClientSampleId :

Tgt Ion: 63 Resp: 7687

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU046176.D

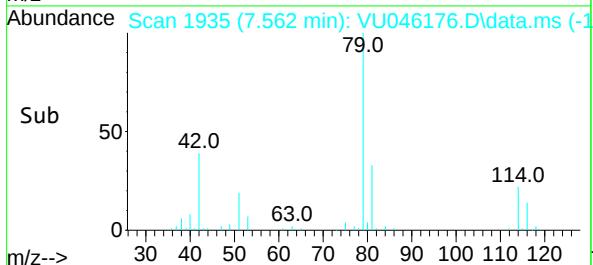
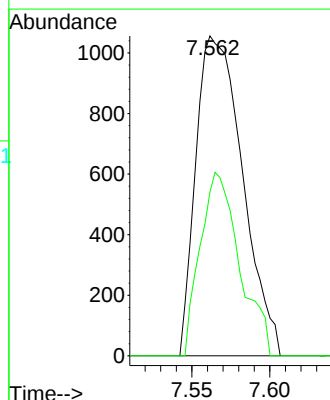
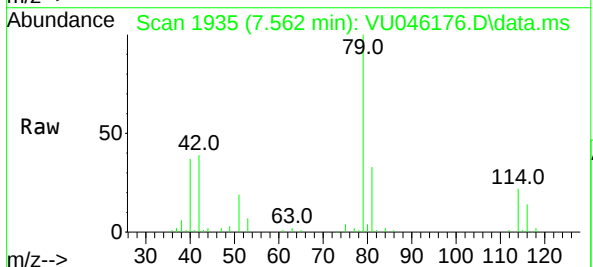
Acq: 08 Dec 2021 15:27

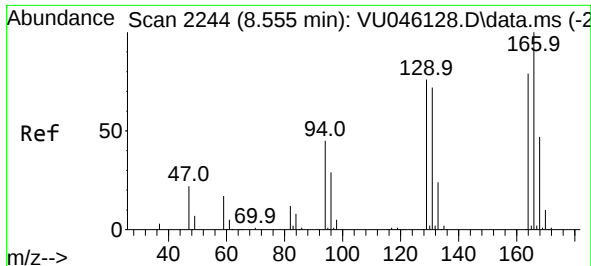
Tgt Ion: 75 Resp: 2193

Ion Ratio Lower Upper

75 100

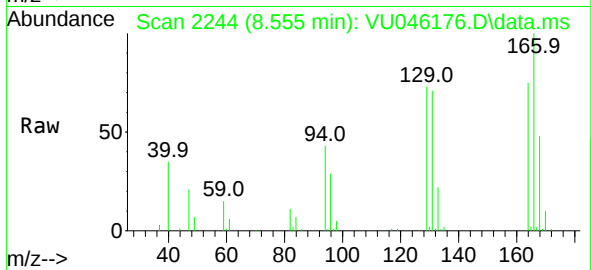
77 51.2 21.8 40.6#



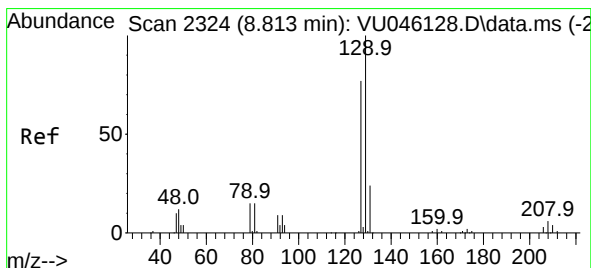
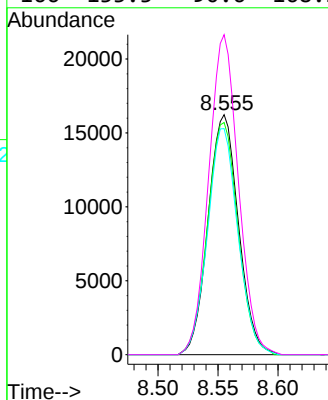
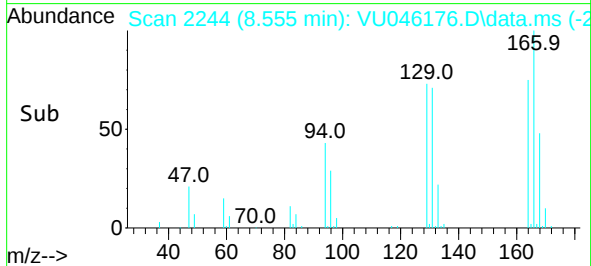


#46
Tetrachloroethene
Concen: 19.953 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU046176.D
Acq: 08 Dec 2021 15:27

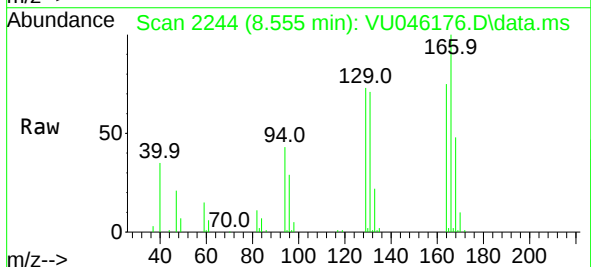
Instrument :
MSVOA_U
ClientSampleId :



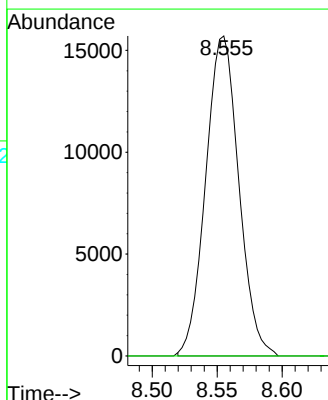
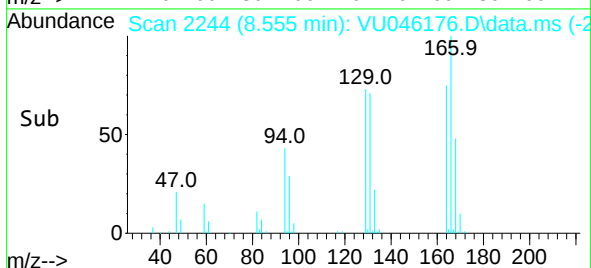
Tgt Ion:164 Resp: 28650
Ion Ratio Lower Upper
164 100
129 96.8 71.1 132.1
131 94.2 67.8 126.0
166 133.3 90.6 168.2

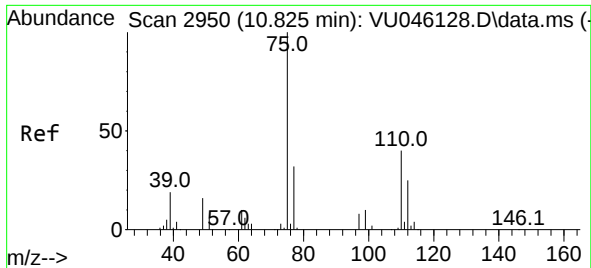


#49
Dibromochloromethane
Concen: 13.593 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046176.D
Acq: 08 Dec 2021 15:27



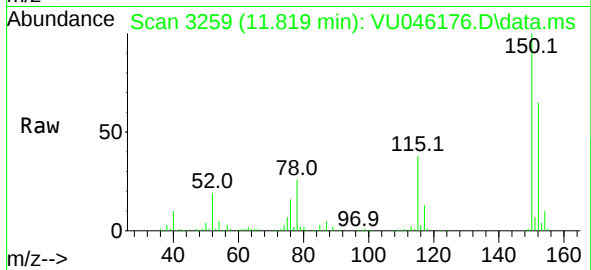
Tgt Ion:129 Resp: 27824
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.272 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU046176.D
 Acq: 08 Dec 2021 15:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14678
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6
 110 2.0 32.4 48.6#

