

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046148.D
 Acq On : 07 Dec 2021 18:49
 Operator : SY/MD
 Sample : M4887-02ME
 Misc : 4.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:54:34 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)

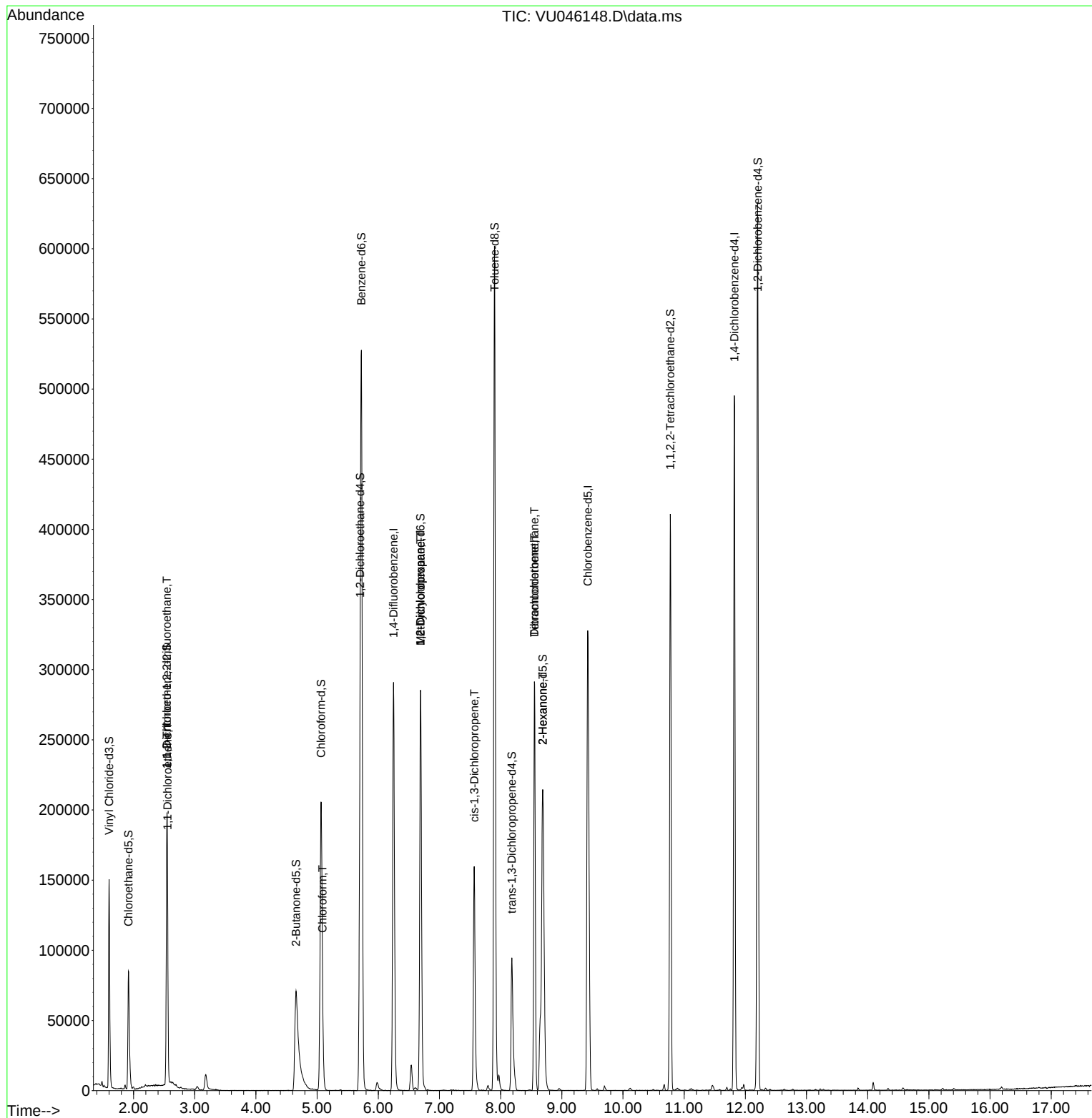
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	273315	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	263461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	134926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	122468	54.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.800%			
7) Chloroethane-d5	1.916	69	82453	47.699	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.400%			
11) 1,1-Dichloroethene-d2	2.546	63	120222	29.745	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.500%#			
21) 2-Butanone-d5	4.655	46	202921	113.378	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.380%			
24) Chloroform-d	5.064	84	205574	54.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.360%			
26) 1,2-Dichloroethane-d4	5.703	65	145260	57.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.140%			
32) Benzene-d6	5.723	84	477343	63.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 126.420%#			
36) 1,2-Dichloropropane-d6	6.691	67	146555	62.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 125.240%#			
41) Toluene-d8	7.899	98	442347	64.338	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.680%#			
43) trans-1,3-Dichloroprop...	8.182	79	74640	66.069	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 132.140%#			
47) 2-Hexanone-d5	8.687	63	149365	134.611	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 134.610%#			
56) 1,1,2,2-Tetrachloroeth...	10.774	84	208872	58.852	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.700%			
66) 1,2-Dichlorobenzene-d4	12.202	152	171141	65.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.720%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	1310	0.659	ug/L #	25
12) 1,1-Dichloroethene	2.556	96	1047	0.554	ug/L #	1
25) Chloroform	5.089	83	19814	4.904	ug/L	100
35) Methylcyclohexane	6.691	83	35146	10.790	ug/L #	21
37) 1,2-Dichloropropane	6.691	63	15581	7.459	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4387	1.381	ug/L #	55
46) Tetrachloroethene	8.552	164	68436	44.331	ug/L	96
48) 2-Hexanone	8.687	43	18986	6.917	ug/L #	48
49) Dibromochloromethane	8.552	129	64705	29.403	ug/L #	10

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

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.659 ug/L

RT: 2.546 min Scan# 31

Delta R.T. -0.042 min

Lab File: VU046148.D

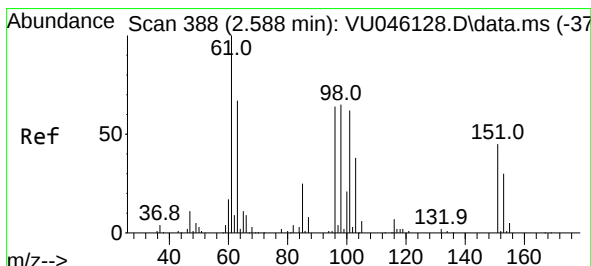
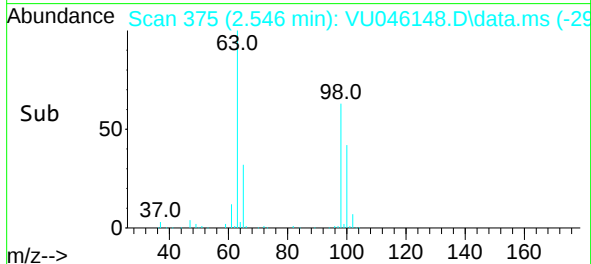
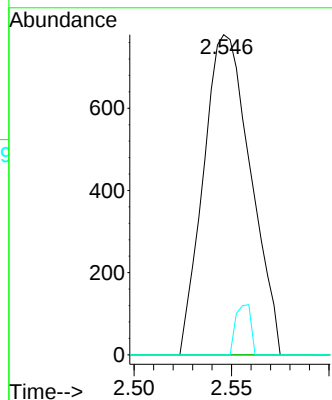
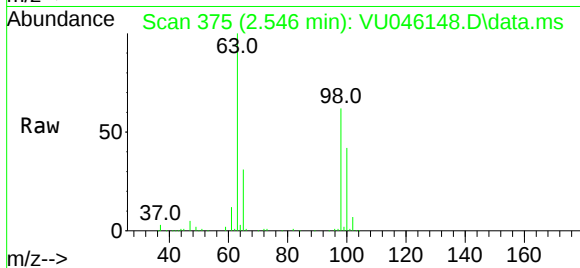
Acq: 07 Dec 2021 18:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1310
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	5.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.554 ug/L

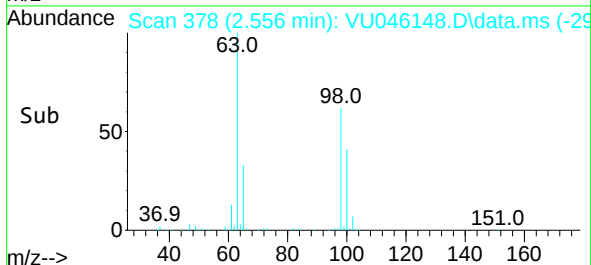
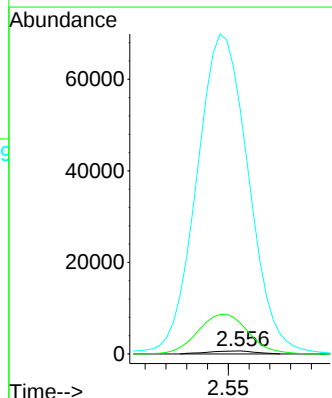
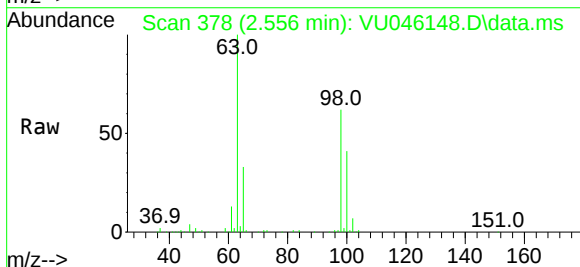
RT: 2.556 min Scan# 378

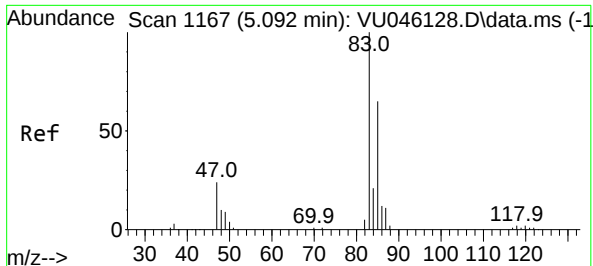
Delta R.T. -0.029 min

Lab File: VU046148.D

Acq: 07 Dec 2021 18:49

Tgt Ion:	96	Resp:	1047
Ion	Ratio	Lower	Upper
96	100		
61	1042.4	118.6	220.2#
63	8256.8	93.0	172.8#





#25

Chloroform

Concen: 4.904 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046148.D

Acq: 07 Dec 2021 18:49

Instrument :

MSVOA_U

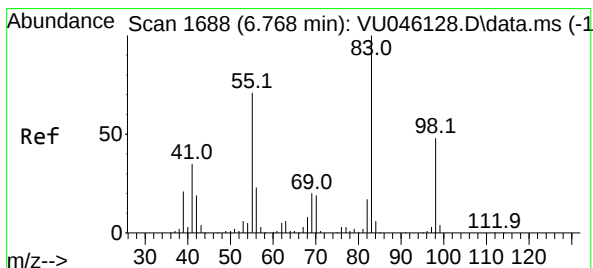
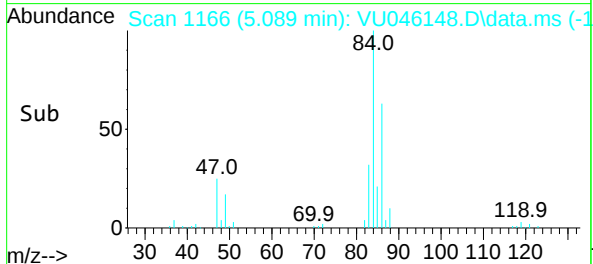
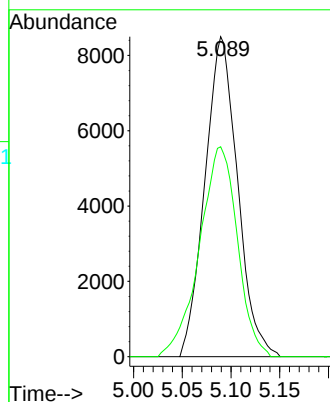
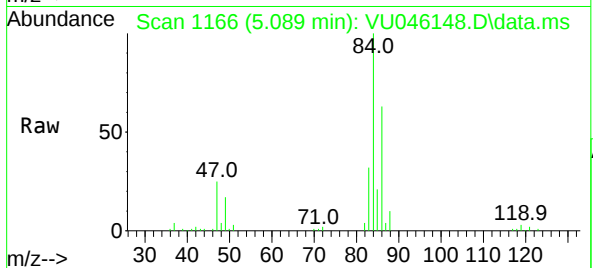
ClientSampleId :

Tgt Ion: 83 Resp: 19814

Ion Ratio Lower Upper

83 100

85 65.6 45.8 85.2



#35

Methylcyclohexane

Concen: 10.790 ug/L

RT: 6.691 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046148.D

Acq: 07 Dec 2021 18:49

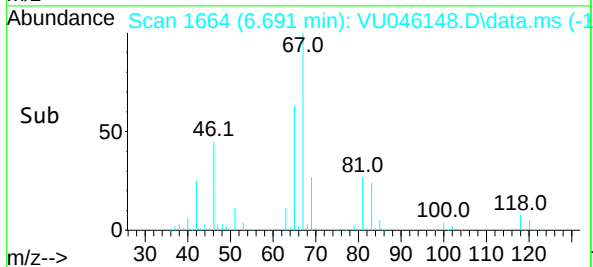
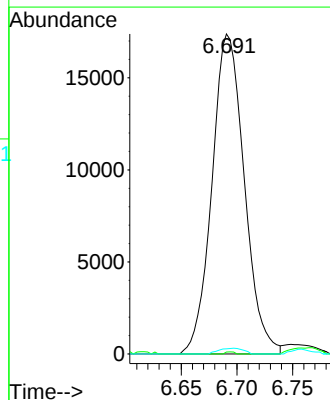
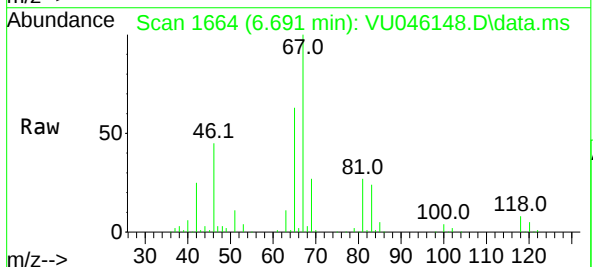
Tgt Ion: 83 Resp: 35146

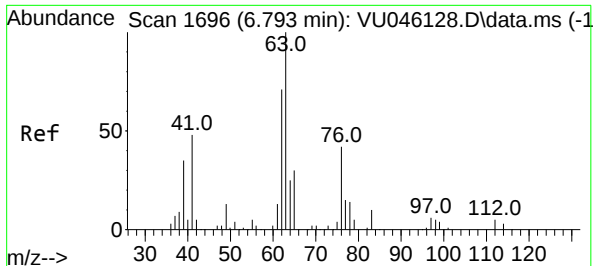
Ion Ratio Lower Upper

83 100

55 0.2 57.8 86.6#

98 1.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 7.459 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046148.D

Acq: 07 Dec 2021 18:49

Instrument :

MSVOA_U

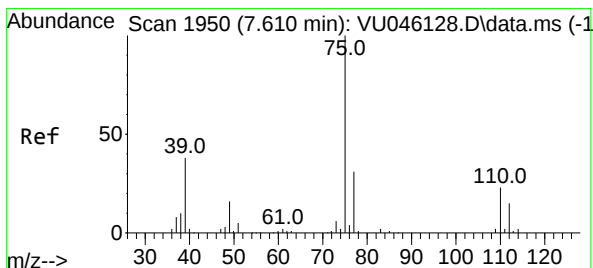
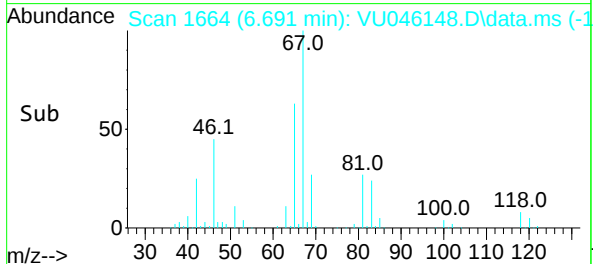
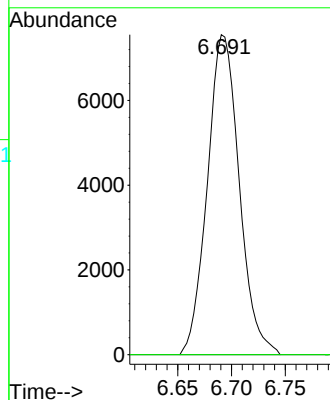
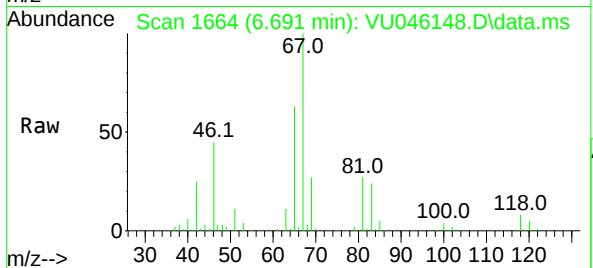
ClientSampleId :

Tgt Ion: 63 Resp: 15581

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.381 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046148.D

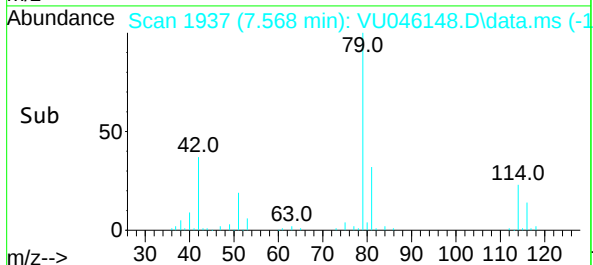
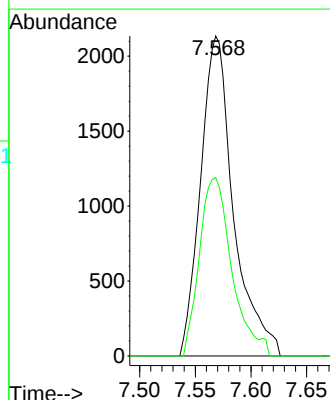
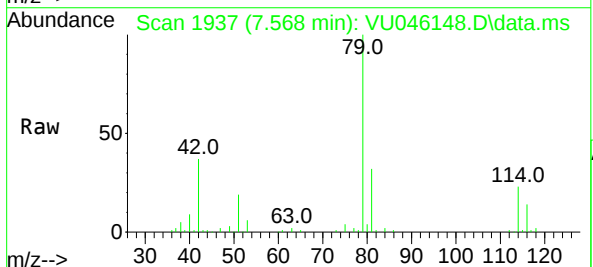
Acq: 07 Dec 2021 18:49

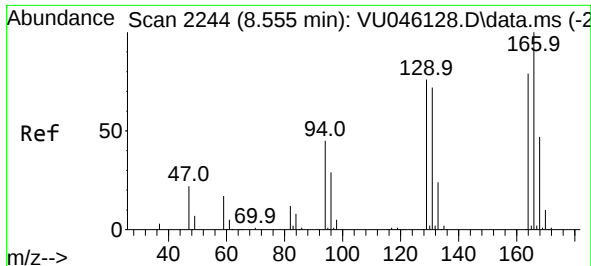
Tgt Ion: 75 Resp: 4387

Ion Ratio Lower Upper

75 100

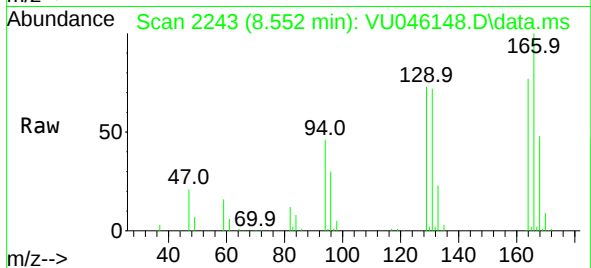
77 55.7 21.8 40.6#



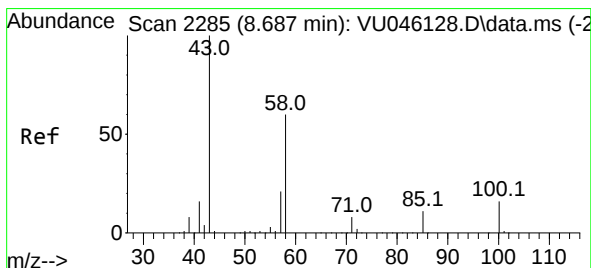
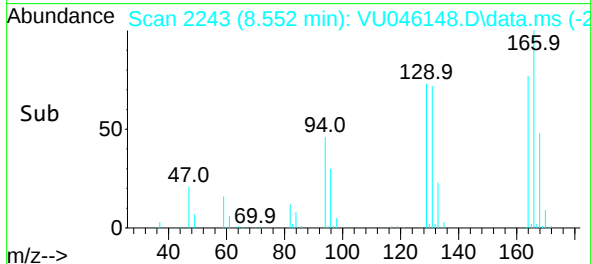
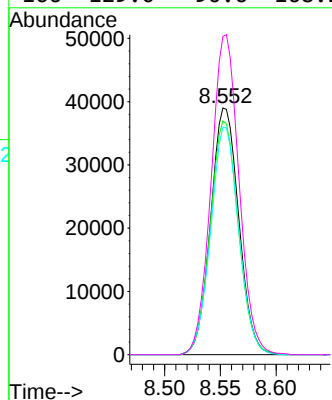


#46
Tetrachloroethene
Concen: 44.331 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046148.D
Acq: 07 Dec 2021 18:49

Instrument :
MSVOA_U
ClientSampleId :

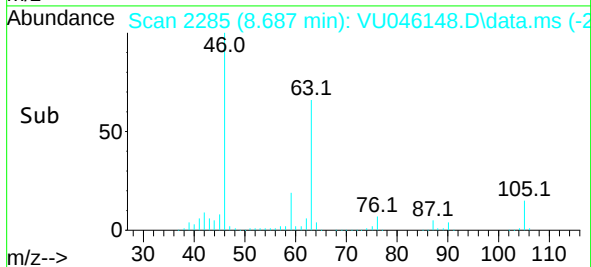
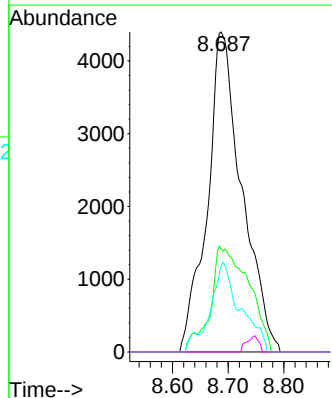
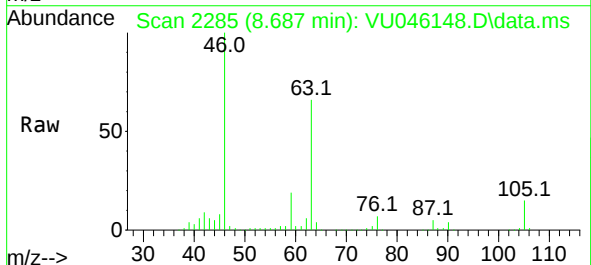


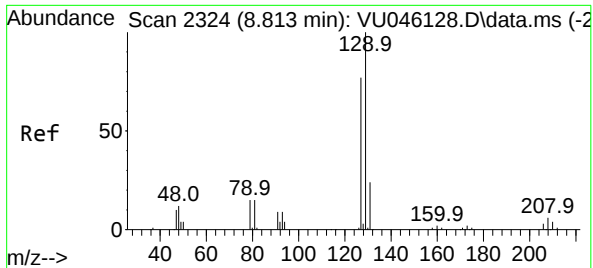
Tgt Ion:164 Resp: 68436
Ion Ratio Lower Upper
164 100
129 94.7 71.1 132.1
131 92.3 67.8 126.0
166 129.0 90.6 168.2



#48
2-Hexanone
Concen: 6.917 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU046148.D
Acq: 07 Dec 2021 18:49

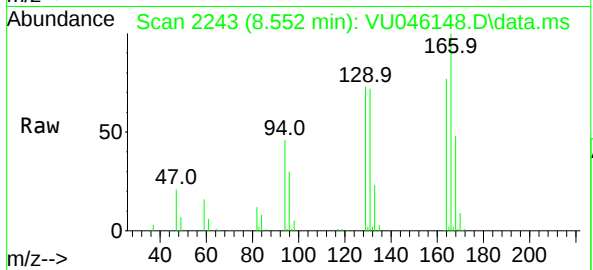
Tgt Ion: 43 Resp: 18986
Ion Ratio Lower Upper
43 100
58 7.7 47.4 71.2#
57 11.8 16.6 25.0#
100 1.7 11.4 17.2#





#49
 Dibromochloromethane
 Concen: 29.403 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VU046148.D
 Acq: 07 Dec 2021 18:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 64705
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.6 103.4#

