

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046185.D
 Acq On : 08 Dec 2021 19:14
 Operator : SY/MD
 Sample : M4887-06ME
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:20 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)

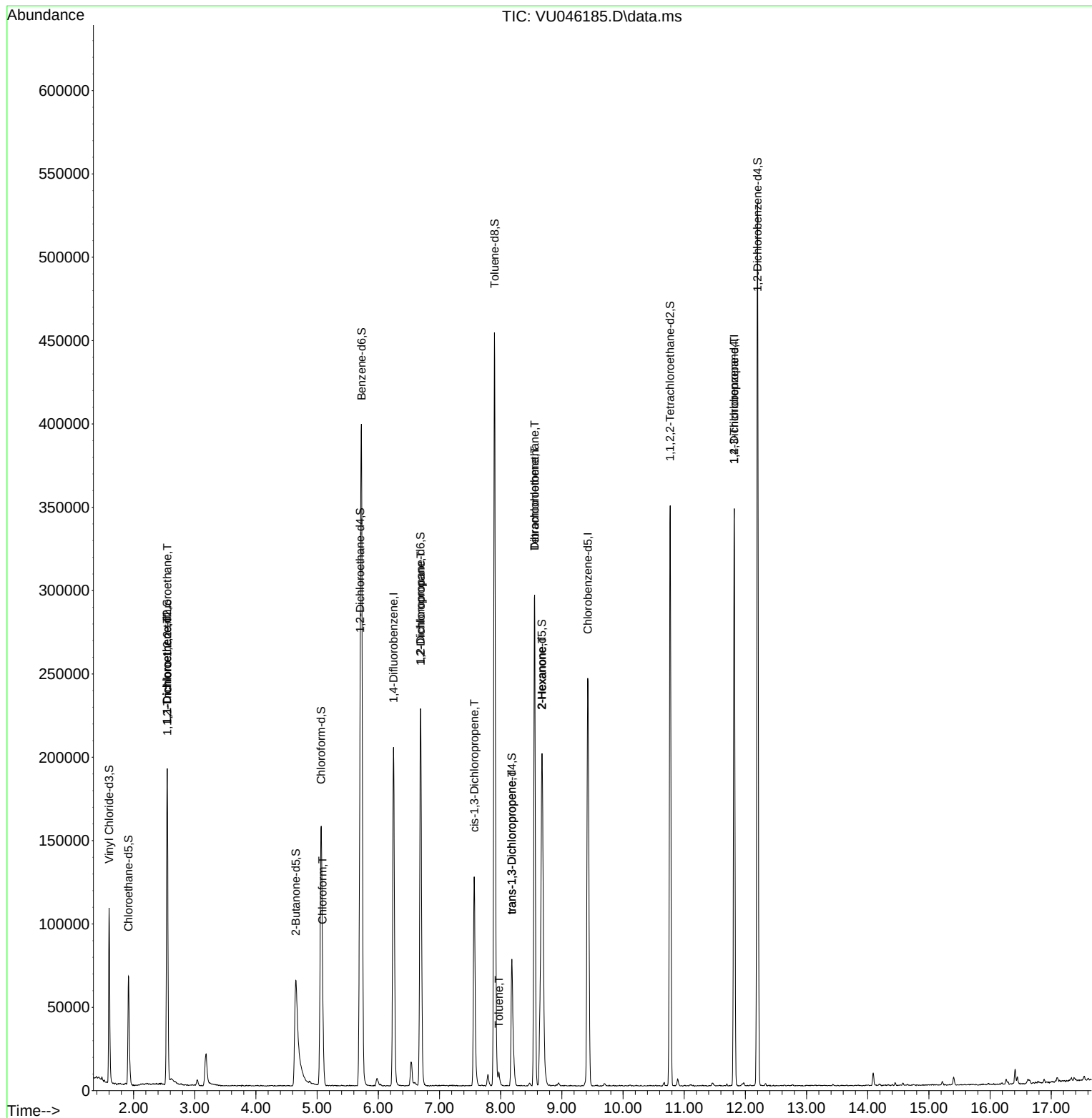
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184106	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	183338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	92443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84073	55.436	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.880%	
7) Chloroethane-d5	1.916	69	59829	51.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 102.760%	
11) 1,1-Dichloroethene-d2	2.549	63	111666	41.016	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	= 82.040%	
21) 2-Butanone-d5	4.652	46	168558	139.812	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 139.810%#	
24) Chloroform-d	5.063	84	145436	57.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.860%	
26) 1,2-Dichloroethane-d4	5.703	65	115920	68.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 136.400%#	
32) Benzene-d6	5.726	84	360407	68.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 137.180%#	
36) 1,2-Dichloropropane-d6	6.690	67	114824	70.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 141.020%#	
41) Toluene-d8	7.899	98	330088	68.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 137.980%#	
43) trans-1,3-Dichloroprop...	8.182	79	58558	74.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 148.980%#	
47) 2-Hexanone-d5	8.674	63	125510	162.545	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	= 162.540%#	
56) 1,1,2,2-Tetrachloroeth...	10.771	84	175830	71.193	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	= 142.380%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	139095	78.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 156.260%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	1037	0.774	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	820	0.644	ug/L #	1
25) Chloroform	5.089	83	30337	11.147	ug/L	99
37) 1,2-Dichloropropane	6.694	63	11814	8.127	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3398	1.537	ug/L #	65
42) Toluene	7.970	91	6756	1.135	ug/L	88
44) trans-1,3-Dichloropropene	8.182	75	2250	1.036	ug/L #	82
46) Tetrachloroethene	8.555	164	67766	63.081	ug/L	97
48) 2-Hexanone	8.677	43	17659	9.246	ug/L #	52
49) Dibromochloromethane	8.555	129	65367	42.684	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	10596	5.229	ug/L #	65

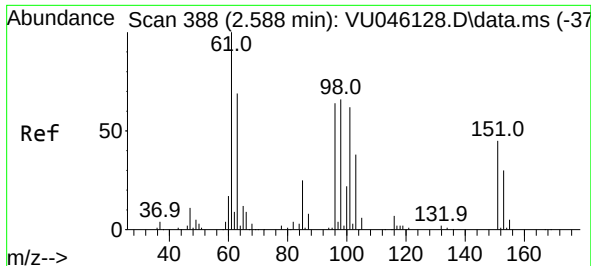
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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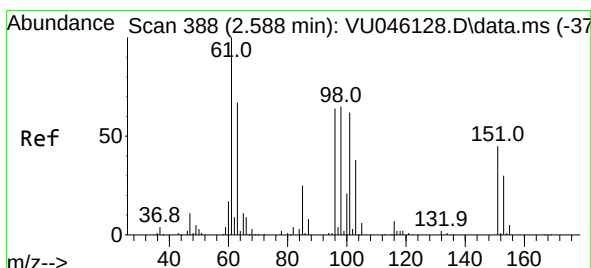
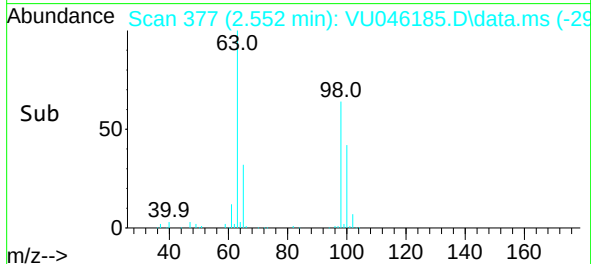
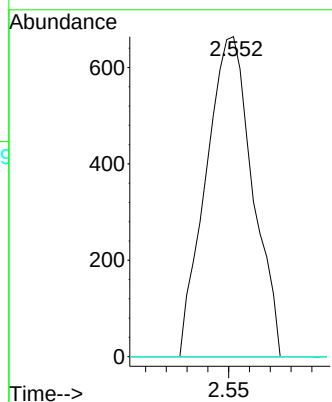
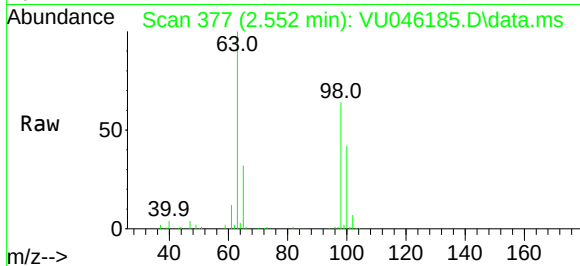




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.774 ug/L
RT: 2.552 min Scan# 31
Delta R.T. -0.035 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

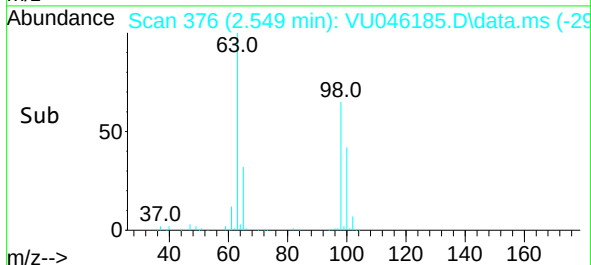
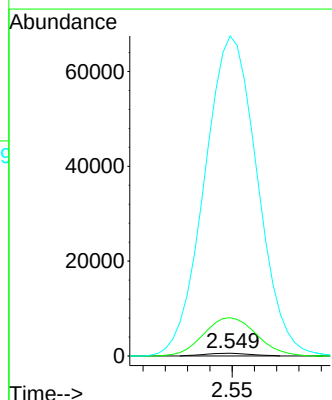
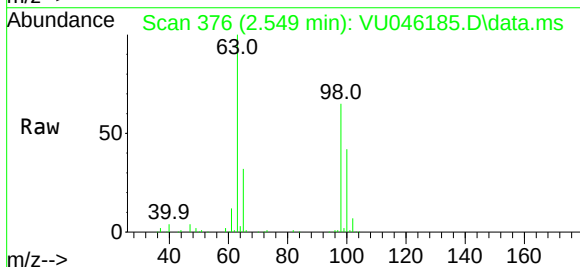
Instrument :
MSVOA_U
ClientSampleId :

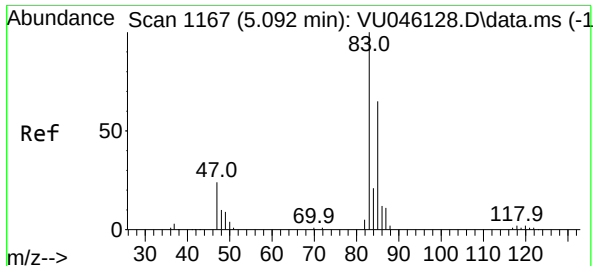
Tgt Ion:101 Resp: 1037
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.644 ug/L
RT: 2.549 min Scan# 376
Delta R.T. -0.035 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

Tgt Ion: 96 Resp: 820
Ion Ratio Lower Upper
96 100
61 1433.2 118.6 220.2#
63 11990.1 93.0 172.8#





#25

Chloroform

Concen: 11.147 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046185.D

Acq: 08 Dec 2021 19:14

Instrument :

MSVOA_U

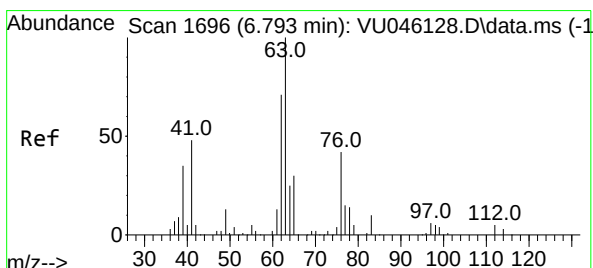
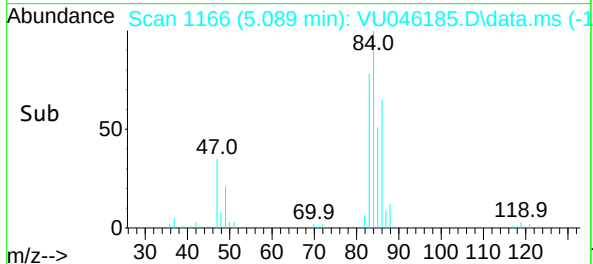
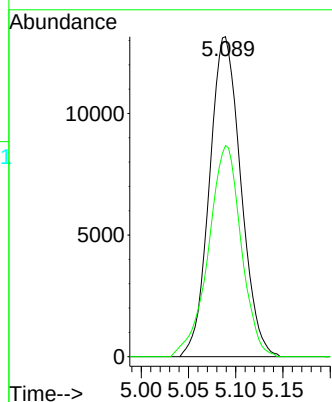
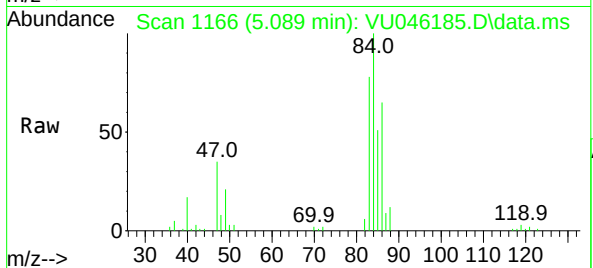
ClientSampleId :

Tgt Ion: 83 Resp: 30337

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#37

1,2-Dichloropropane

Concen: 8.127 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046185.D

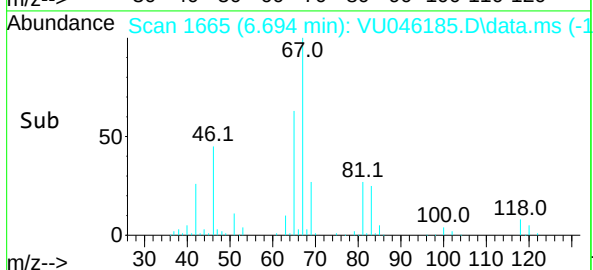
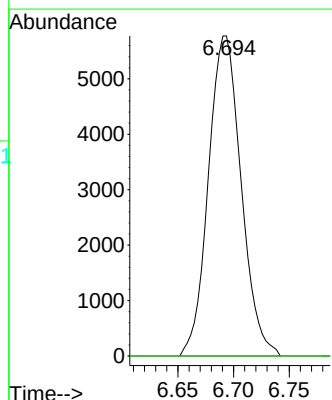
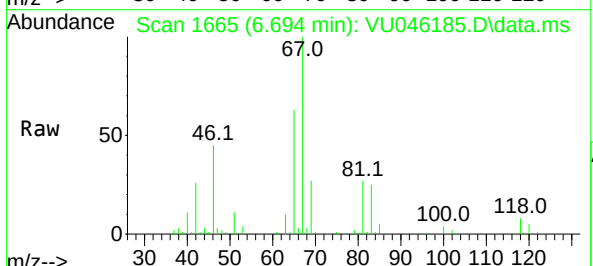
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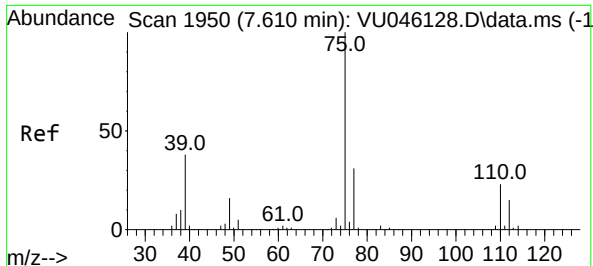
Tgt Ion: 63 Resp: 11814

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.537 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046185.D

Acq: 08 Dec 2021 19:14

Instrument :

MSVOA_U

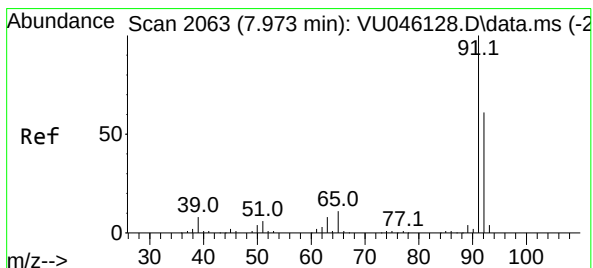
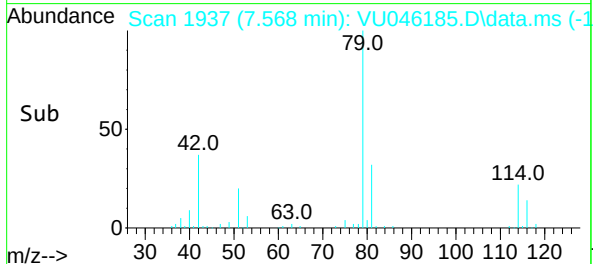
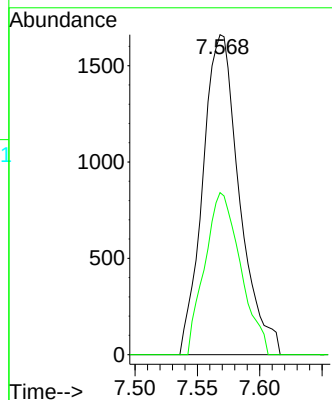
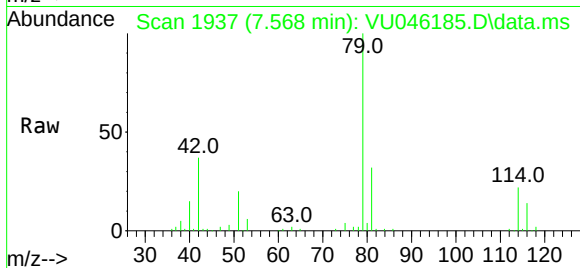
ClientSampleId :

Tgt Ion: 75 Resp: 3398

Ion Ratio Lower Upper

75 100

77 50.6 21.8 40.6#



#42

Toluene

Concen: 1.135 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046185.D

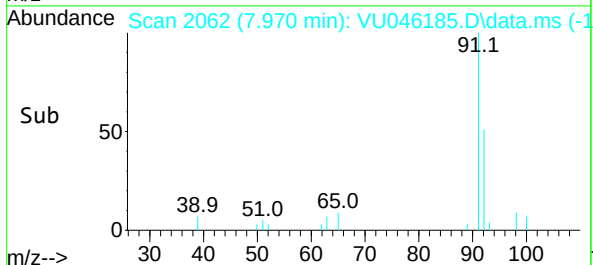
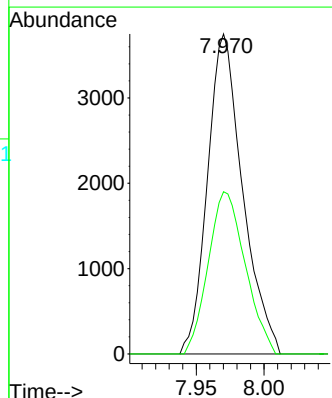
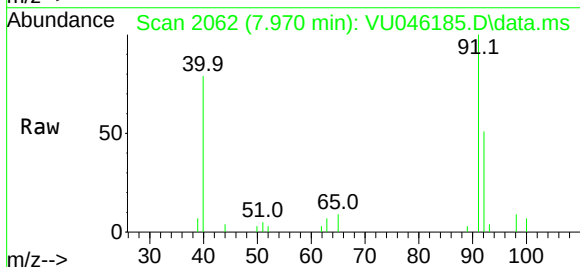
Acq: 08 Dec 2021 19:14

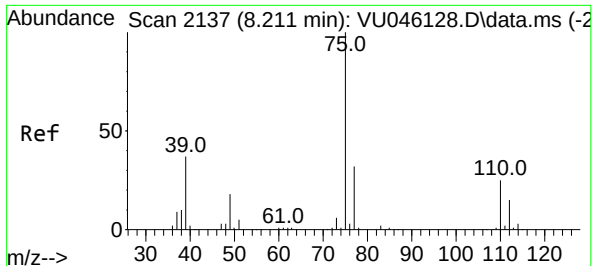
Tgt Ion: 91 Resp: 6756

Ion Ratio Lower Upper

91 100

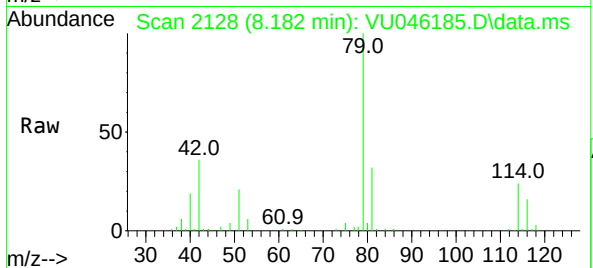
92 50.7 41.9 77.7



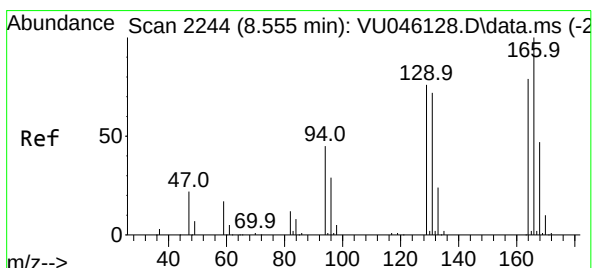
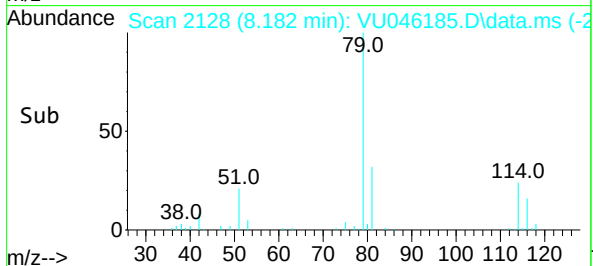
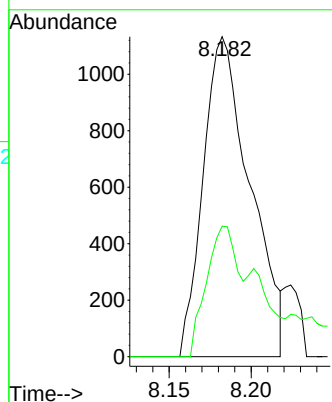


#44
trans-1,3-Dichloropropene
Concen: 1.036 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

Instrument :
MSVOA_U
ClientSampleId :

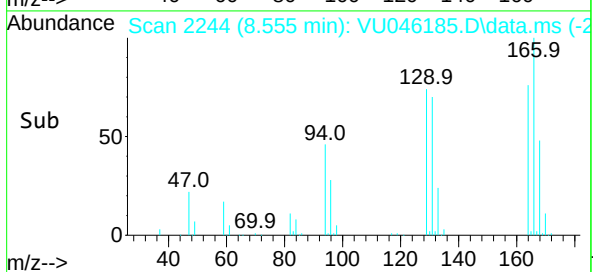
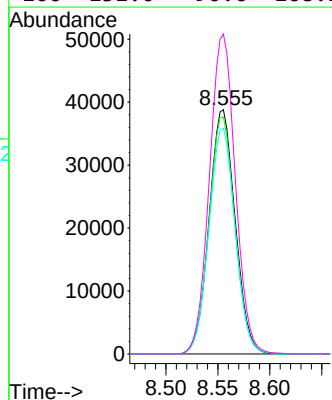
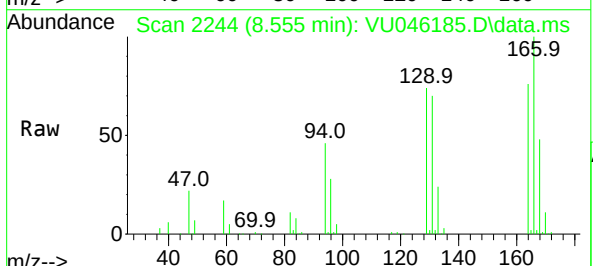


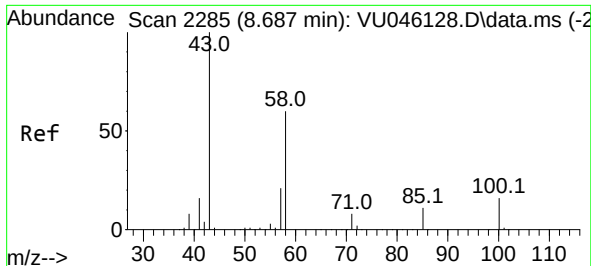
Tgt Ion: 75 Resp: 2250
Ion Ratio Lower Upper
75 100
77 40.8 21.7 40.3#



#46
Tetrachloroethene
Concen: 63.081 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

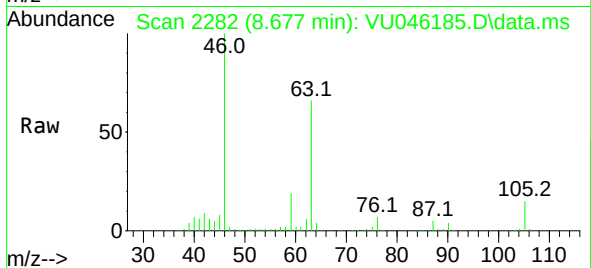
Tgt Ion: 164 Resp: 67766
Ion Ratio Lower Upper
164 100
129 97.0 71.1 132.1
131 92.3 67.8 126.0
166 131.0 90.6 168.2



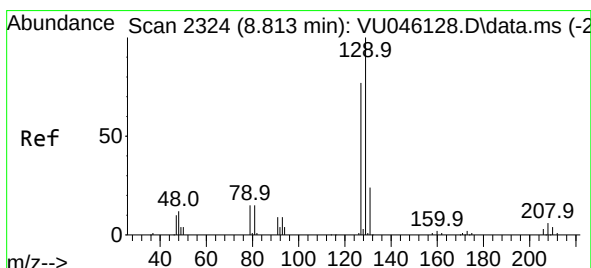
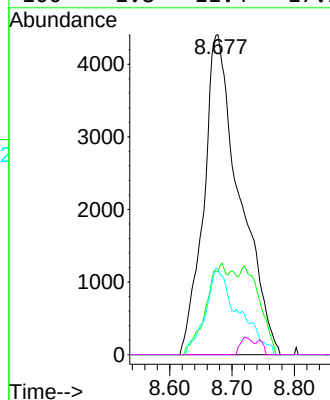
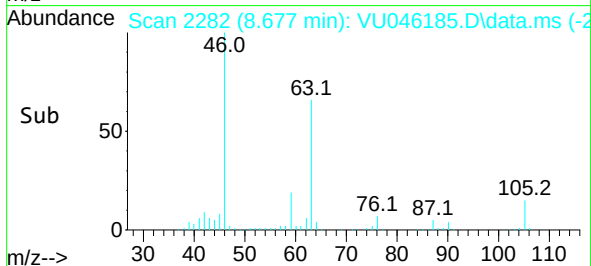


#48
2-Hexanone
Concen: 9.246 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

Instrument :
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ClientSampleId :

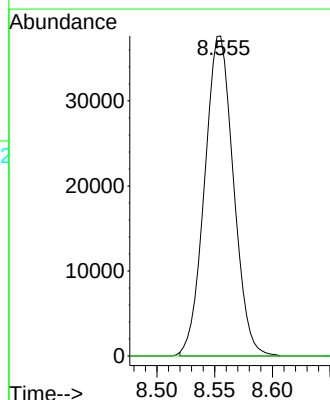
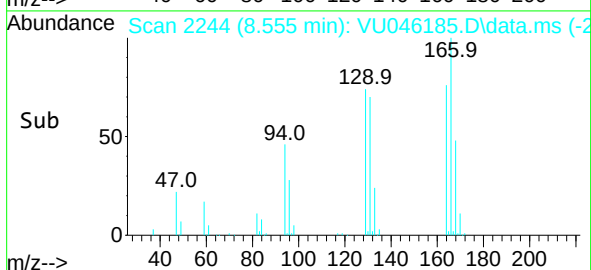
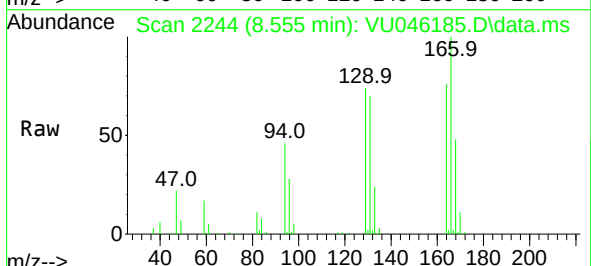


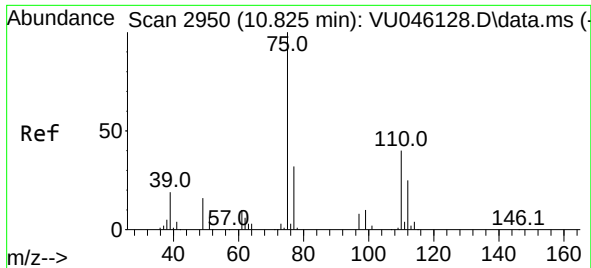
Tgt Ion: 43	Resp: 17659
Ion Ratio	Lower Upper
43 100	
58 9.1	47.4 71.2#
57 17.5	16.6 25.0
100 1.8	11.4 17.2#



#49
Dibromochloromethane
Concen: 42.684 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046185.D
Acq: 08 Dec 2021 19:14

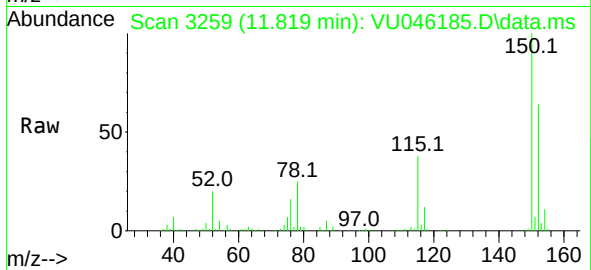
Tgt Ion: 129	Resp: 65367
Ion Ratio	Lower Upper
129 100	
127 0.0	55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.229 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU046185.D
 Acq: 08 Dec 2021 19:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10596
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.4 39.6
 110 1.6 32.4 48.6#

